

Surface Water Supply of the United States 1961-65

Part 2. South Atlantic Slope and Eastern Gulf of Mexico Basins

Volume 3. Basins From Apalachicola River to Pearl River

GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1906

*Prepared in cooperation with the States
of Alabama, Florida, Georgia,
Louisiana, Mississippi, and Tennessee,
and with other agencies*



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UNITED STATES DEPARTMENT OF THE INTERIOR

WALTER J. HICKEL, *Secretary*

GEOLOGICAL SURVEY

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Library of Congress catalog-card No GS 46-40712

PREFACE

This report was prepared by the U.S. Geological Survey in co-operation with the States of Alabama, Florida, Georgia, Louisiana, Mississippi, and Tennessee, and with other agencies, by personnel of the Water Resources Division, E. L. Hendricks, chief hydrologist, G. W. Whetstone, assistant chief for Reports and Data Processing, under their general direction of G. A. Billingsley, chief, Reports Section, and B. A. Anderson, chief, Data Reports Unit.

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SURFACE WATER SUPPLY OF THE SOUTH ATLANTIC SLOPE AND EASTERN GULF OF MEXICO BASINS
FROM APALACHICOLA RIVER TO PEARL RIVER

SCOPE OF WORK

This volume is one of a series of 37 reports presenting records of stage, discharge, and content, of streams, lakes, and reservoirs in the United States during the 1961-65 water years. Since 1888, when the U. S. Geological Survey first studied streamflow in relation to problems of irrigation, similar records have been obtained at more than 17,500 gaging stations in the 50 States. On September 30, 1965, the Geological Survey and cooperating organizations were maintaining 9,100 gaging stations. Partial-record stations for low flow or for floodflow have been operated at many other points. The records for the 1961-65 water years at gaging stations and partial-record stations in South Atlantic slope and eastern Gulf of Mexico basins from Apalachicola River to Pearl River, are given in this report.

COOPERATION

Many State, municipal, and private organizations have cooperated with the Geological Survey in this work by either furnishing or helping to collect data. Organizations that supplied data are acknowledged in station descriptions, and organizations that assisted in the collection of data through cooperative agreements with the Survey are as follows:

Alabama--Geological Survey of Alabama, Alabama Highway Department, Alabama Department of Conservation, and city of Mobile.

Florida--Division of Geology (Florida Geological Survey), Florida Board of Conservation, Division of Water Resources, Florida Board of Conservation, Florida State Road Department, and city of Pensacola.

Georgia--State Department of Mines, Mining and Geology and State Highway Department of Georgia.

Louisiana--Louisiana Department of Public Works and Louisiana Department of Highways.

Mississippi--Mississippi Board of Commissioners, Mississippi State Highway Department, Mississippi Industrial and Technological Research Commission, Mississippi Research and Development Center, Pearl River Valley Water Supply District, Harrison County Board of Supervisors, Jackson County Board of Supervisors, and city of Jackson.

Tennessee--State Department of Highways.

Assistance in the form of funds or services was given by the Corps of Engineers, U.S. Army, in collecting records published herein for 99 gaging stations, and by the Atomic Energy Commission for 1 station.

Assistance was also furnished by the Weather Bureau, ESSA, U.S. Department of Commerce.

The following organizations aided in collecting records

Alabama--The Alabama Power Company.

Georgia--The Georgia Power Company and the Crisp County Power Commission.

DIVISION OF WORK

The stream-gaging work was done by the Water Resources Division of the Geological Survey under the direction of personnel cited in the preface. The data for stations in the several States were collected and prepared for publication in the district offices listed below.

<u>State</u>	<u>District office</u>	<u>Address</u>
Alabama <u>a</u> /	Tuscaloosa 35486.	Oil and Gas Board Building, University of Alabama
Florida	Tallahassee 32304	Gunther Building, Tennessee and Woodward Streets
Georgia <u>b</u> /	Atlanta 30309	900 Peachtree Street N.E.
Louisiana.	Baton Rouge 70806	6554 Florida Boulevard
Mississippi	Jackson 39205	Room 302 Post Office Building
Tennessee <u>c</u> /	Nashville 37203	Room 144 Federal Building

a/Except for Chattahoochee River at Alaga.

b/Including Chattahoochee River at Alaga, Ala

c/Partial-record stations only, no continuous-record stations operated

DEFINITION OF TERMS AND ABBREVIATIONS

The terms of streamflow and other hydrologic data, as used in this report, are defined as follows

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of gage height or discharge are obtained. When used in connection with a discharge record, the term is applied herein only to those gaging stations where a continuous record of discharge is obtained.

Hydrologic bench-mark station is one that provides hydrologic data for a basin in which the hydrologic regimes will likely be governed solely by natural conditions. Data collected at a bench-mark station may be used to separate effects of natural from manmade changes in other basins which have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped bench-mark basin.

Partial-record station is a particular site where limited streamflow data are collected systematically over a period of years for use in hydrologic analyses

Discharge is the volume of water in a stream which passes a given point in a unit of time

Cubic foot per second (cfs) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to 7.48 gallons per second or 448.8 gallons per minute.

Cubic feet per second per square mile (cfsm) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area

Runoff in inches (in.) shows the depth to which the drainage area would be covered if all the runoff a given time period were uniformly distributed on it.

Acre-foot (ac-ft) is the quantity of water required to cover an acre to the depth of 1 foot and is equivalent to 43,560 cubic feet or 325,851 gallons.

Cfs-day is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, 1,983,471 acre-feet, or 646,317 gallons, and represents a runoff of 0.0372 inch from 1 square mile

Stage-discharge relation is the relation between gage height (the stage of the stream in relation to a reference gage) and the amount of water flowing in a channel, expressed as volume per unit of time.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Contents is the volume of water in a reservoir. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Drainage area of a stream above a specified location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the river above the specified point. Figures of drainage area given herein include all closed basins, or noncontributing area, within the area unless otherwise noted.

WSP is used as an abbreviation for "Water-Supply Paper" in reference to previously published reports.

DOWNSTREAM ORDER AND STATION NUMBER

Beginning with the series of reports for the water year ending September 30, 1951, the order of listing gaging-station records is in a downstream direction along the main stem. All stations on a tributary entering above a main-stem station are listed before that station. A station on a tributary that enters between two main-stem stations is listed between them. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a gaging station is situated with respect to the stream to which it is immediately tributary is indicated by an indentation in the listing of gaging stations in the table of contents of this report. Each indentation represents one rank. This downstream order and system of indentation show which gaging stations are on tributaries between any two stations and the rank of the tributary on which each gaging station is situated.

The order of listing used before the publication of the 1951 report listed first all stations on the main stem from headwaters toward mouth, then all stations on the uppermost tributary to the main stem from the tributary's source to mouth, and then all stations from source to mouth of the uppermost tributary to the tributary.

As an added means of identification, each gaging station and partial-record station has been assigned a number. Numbers have been assigned in the same downstream order as described in this report. In assigning station numbers, no distinction is made between partial-record stations and regular gaging

stations, the station number for a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the numbers to allow for new stations that may be established, hence the numbers are not consecutive. The complete 8-digit number for each station, such as 02-3765.00, includes the part number "02" plus a 6-digit number. In this report the nonessential zeros are not shown. For example, the complete number 02-3765 00 will appear as 2-3765, just to the left of the station name.

EXPLANATION OF DATA

The base data collected at gaging stations consist of records of stage and measurements of discharge. In addition, observations of factors affecting the stage-discharge relation, weather records, and other information are used as needed to supplement base data in determining the daily flow. Records of stage are obtained from a water-stage recorder that gives a continuous graph of fluctuations (for digital recorders, a tape punched at 15-, 30-, or 60-minute intervals) or from direct readings on a nonrecording gage. Measurements of discharge are made with a current meter by the general methods adopted by the Geological Survey on the basis of experience in stream gaging since 1888. These methods are described in Water-Supply Paper 888 and in U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6.

Rating tables giving the discharge for any stage are prepared from stage-discharge relation curves defined by discharge measurements. If extensions to the rating curves are necessary to define the extremes of discharge, they are made on the basis of indirect measurements of peak discharge, (such as slope-area or contracted-opening measurements, computation of flow over dams or weirs, and by other methods), velocity-area studies, and logarithmic plotting. The application of the daily mean gage height to those rating tables gives the daily mean discharge, from which the monthly and the yearly mean discharges are computed. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features that form the control, the daily mean discharge is determined by the shifting-control method, in which correction factors based on individual discharge measurements and on notes by engineers and observers are used in applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the control, the daily mean discharge is computed by what is basically the shifting-control method.

At some gaging stations the stage-discharge relation is affected by backwater from reservoirs, tributary streams, or other sources. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in determining discharge. Information requisite for determining the slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by rapid change in stage. If so, the rate of change in stage is used as a factor in determining discharge.

At most gaging stations in the northern part of the United States and at some in the mountainous regions of other parts of the country the stage-discharge relation is affected by ice during the winter, and it becomes impossible to compute the discharge in the usual manner. Discharge for periods of ice effect is computed on the basis of gage-height record and occasional winter discharge measurements, consideration being given to the available information on temperature and precipitation, notes by gage observers and hydrologists, and comparable records of discharge for other stations in the same or nearby basins.

For some gaging stations there are periods when no gage-height record is obtained or the recorded gage height is so faulty that it cannot be used to compute the daily discharge. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, float is frozen in the well, or for various other reasons. For such periods the daily discharges are estimated on the basis of recorded range in stage, adjoining good record, discharge measurements, weather records, and comparison with other station records from the same or nearby basins.

The data in this report generally comprise a description of the station, and tables showing the daily discharge and monthly and yearly discharges of the stream. Records are published on a water year basis which begins on October 1 and ends on September 30.

The description of the station gives the location, drainage area, records available, type and history of gages, average discharge, extremes of discharge, general remarks, and notations on revisions of the previously published record. The location of the gaging station and the drainage area are obtained from the most accurate maps available. River mileage, given under "Location" for some stations, is that determined and used by the Corps of Engineers unless otherwise noted. Under "Records available" are given the periods for which there are published records generally equivalent to those at present site. Under "Gage" are given the type of gage currently in use and the datum of the present gage above mean sea level, and a condensed history of the types, locations, and datums of previous gages used during the period of records available. The reference to "datum of 1929" and adjustments of other years are to the datum and adjustments of the U. S. Coast and Geodetic Survey. Under "Average discharge" is given the average discharge for the number of years indicated. It is not given for stations having fewer than five complete years of record or for stations where changes in water development during the period of record cause the figure to have little significance. Under "Extremes" are given, usually in tabular form, the maximum instantaneous discharge and gage height for the current water years (1961-65), the minimum instantaneous discharge if there is little or no regulation, the minimum daily discharge if there is extensive regulation (also the minimum instantaneous discharge if it is abnormally low), and the minimum gage height if it is also abnormally low. For stations for which peak discharges are published, all independent peaks above the selected base and the time of occurrence and corresponding gage heights are published in the first table under "Extremes." The base discharge, which is given in parentheses in the table heading, is selected so that an average of about three peaks a year will be presented. Peak discharges are not published for any canals, ditches, drains, or for any stream for which the peaks are subject to substantial control by man. Time of day is expressed in 24-hour local standard time, for example, 12 30 a.m. is 0030, 1 30 p.m. is 1330. The minimums for these stations are published in a separate table following the table of peaks. In the paragraph following the current data, the data given are for the periods of record within the calendar year dates in the heading (not necessarily those for the complete years indicated by the heading dates). Reliable information concerning major floods that have occurred outside the period of record are given in the last paragraph under "Extremes." Unless otherwise qualified, the maximum discharge corresponds to the crest stage obtained by use of a water-stage recorder (graphic or digital), a crest-stage gage, or a nonrecording gage read at the time of the crest. If the maximum gage height did not occur at the same time as the maximum discharge, it is given separately. Information pertaining to the accuracy of the records and conditions which affect the natural flow at the gaging station is given under "Remarks."

Previously published records of some stations have been found to be in error on the basis of data or information later obtained. Revisions of such reports are usually published along with the current records in one of the annual or compilation reports. In order to make it easier to find such revised records, a paragraph headed "Revisions (water years)" has been added to the description of all stations for which

revised records have been published Listed therein are all the reports in which revisions have been published, each followed by the water years for which figures are revised in that report. In listing the water years only one number is given, for instance, 1933 stands for the water year October 1, 1932, to September 30, 1933 If no daily, monthly, or annual figures of discharge are concerned in the revision, the fact is brought out by notations after the year dates as follows "(M)" means that only the instantaneous maximum discharge was revised, "(m)" that only the instantaneous minimum was revised, and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the revised figure was first published is given. It should be noted that for all stations for which cubic feet per second per square mile and runoff in inches are published, a revision of the drainage area necessitates corresponding revision of all figures based on the drainage area. Revised figures of cubic feet per second per square mile and runoff in inches resulting from a revision of the drainage area only are usually not published in the annual series of reports

The daily table gives the discharge corresponding to the daily mean gage height unless there are large or rapid changes in the discharge during a day For days having large or rapid changes, discharge for the day is computed by averaging the mean discharge for several parts of the day For digital recorders, the daily mean discharge is always the average of the discharges at each punched reading. For stations equipped with non-recording gages, the daily discharge corresponds to once-daily readings of the gage or to the mean of twice-daily readings, but for periods of rapidly changing stage, the discharge is determined from gage-height graph based on gage readings

In the monthly summary below the daily table, the line headed "TOTAL" gives the sum of the daily figures, it is the total cfs-days for the month The line headed "MEAN" gives the average flow in cubic feet per second during the month On the line headed "MAX" the figures are the maximum daily discharges for the months, not the momentary maximum discharges. Likewise, the line headed "MIN" are the minimum daily discharges for the months Discharge for the month may be expressed in cubic feet per second per square mile (line headed "CFSM"), or in inches (line headed "IN"), or in acre-feet (line headed "AC-FT"). Figures for cubic feet per second per square mile and runoff in inches are omitted if the drainage area includes large noncontributing areas, or if the average annual rainfall over the drainage basin is usually less than 20 inches, or if the flow is appreciably affected by regulation by upstream reservoirs

In the yearly summary below the monthly summary, the figures of maximum are the maximum daily discharges for the calendar and water years, likewise, the minimums are the minimum daily discharges.

Footnotes to the table of daily discharge are introduced by the word "NOTE." Footnotes are used to indicate periods for which the discharge is computed or estimated by special methods because of no gage-height record, backwater from various sources, or other unusual conditions. Periods of no gage-height record are indicated if the period is continuous for a month or more or includes the maximum discharge for the year Periods of backwater from an unusual source, of indefinite stage-discharge relation, or of any other unusual condition at the gage site are indicated only if they are a month or more in length and the accuracy of the records is affected Days on which the stage-discharge relation is affected by ice are not indicated The methods used in computing discharge for various unusual conditions have been explained in preceding paragraphs

For most gaging stations on lakes and reservoirs the data presented comprise a description of the station and a monthly summary table of stage and contents. For some reservoirs a table showing daily contents or stage is given. A skeleton table of capacity at given stages is published for all reservoirs for

which records are published on a daily basis, but is not published for reservoirs for which only monthly data are given

ACCURACY OF FIELD DATA AND COMPUTED RESULTS

The accuracy of streamflow data depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretation of records.

The station description under "Remarks" states the degree of accuracy of the records "Excellent" means that about 95 percent of the daily discharges are within 5 percent, "good", within 10 percent, and "fair" within 15 percent "Poor" means that daily discharges have less than "fair" accuracy

In earlier reports the figures of daily mean discharge, computed manually, were usually rounded to tenths below 10 cfs, but the rounding rules were not rigid, some discharges were given to hundredths if the accuracy was sufficiently good and others were rounded to whole numbers if the accuracy was poor. In this report, however, most of the tables of daily mean discharge are tabulated by a computer which rounds the figures solely on basis of the magnitude of the discharge Therefore, zeros to the right of the decimal point should not be construed to indicate an accuracy greater than is stated in the "Remarks" paragraph

Discharge at some stations, as indicated by the monthly mean, may vary widely from natural runoff, owing to diversion, consumption, regulation by storage, increase or decrease in evaporation due to artificial causes, or to other factors For such stations, figures of cubic feet per second per square mile and of runoff in inches are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

OTHER DATA AVAILABLE

Data collected at partial-record stations are given at the end of this report. Data for partial-record stations are presented in two tables The first is a table of discharge measurements at low-flow partial-record stations, and the second is a table of annual maximum stage and discharge at crest-stage stations. Occasionally, a series of discharge measurements are made within a short time period to investigate the seepage gains or losses along a reach of a stream or to determine the low-flow characteristics of an area. Such measurements are given in special tables following the tables of partial-record stations

Information of a more detailed nature than that published for most of the gaging stations is on file in the district offices, such as discharge measurements, gage-height records, and rating tables. Many gaging-station records have been analyzed to give several statistical summaries, mainly (1) the number of days in each year that the daily discharge was between selected limits (duration tables), (2) the lowest mean discharge for selected numbers of consecutive days in each year, and (3) the highest mean discharge for selected numbers of consecutive days in each year

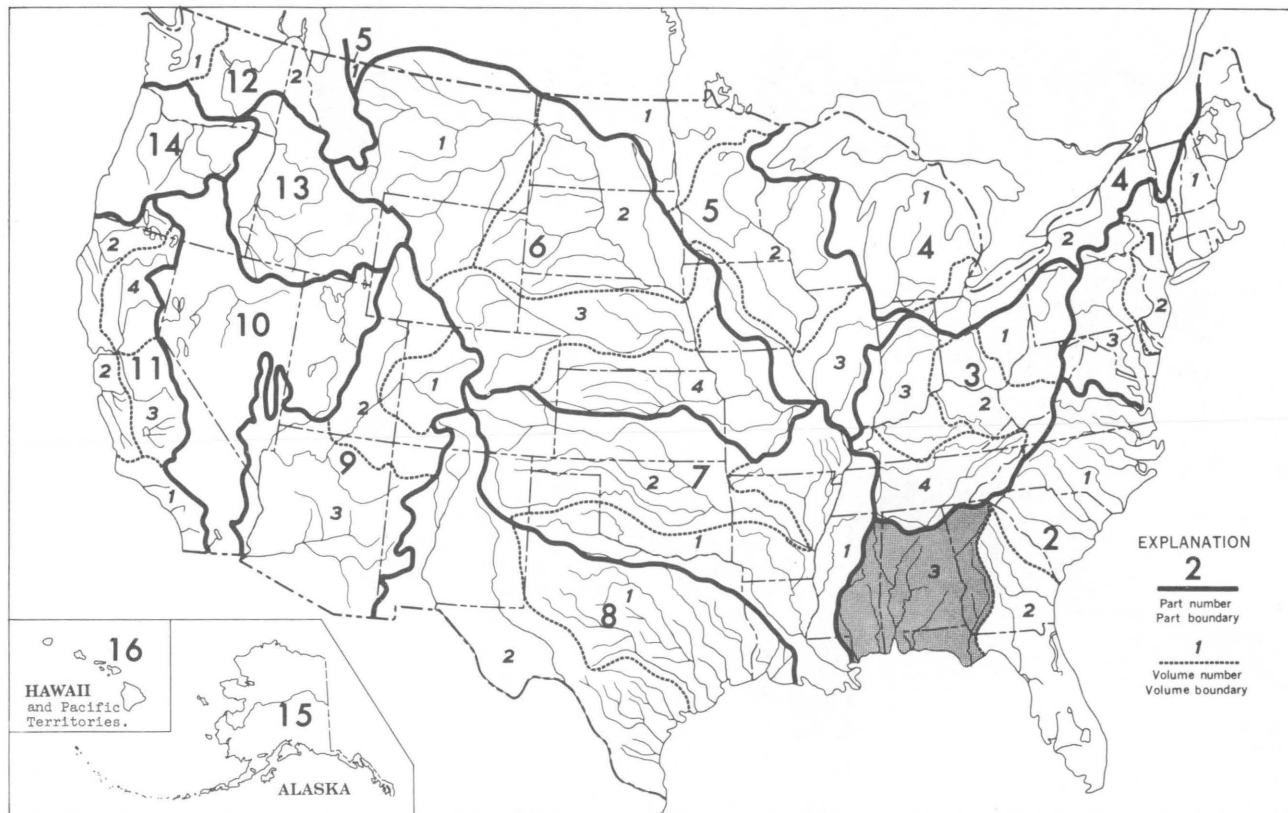


Figure 1.--Map of the United States showing area covered by the volumes in the series on surface-water supply. The area covered by this report is shaded.

At or near some gaging stations, water-quality records also are collected. Data are obtained on the chemical quality of the stream water, on water temperature, on suspended-sediment concentration, and on the particle-size distribution of suspended sediment and bed material. Under "Remarks" of the station description, reference is made to water-quality records collected on a regular basis for that station. Results of the data collected are published in water-supply papers entitled "Quality of Surface Waters of the United States," and in annual reports issued by States beginning with the 1964 water year. These annual reports are entitled, "Water Resources Data for (state), Part 2, Water Quality Records." Information on the availability of electronic computer analyses, unpublished data, or quality of water records may be obtained from the district offices listed on page 2.

PUBLICATIONS

Through September 30, 1960, the records of discharge and stage of streams and contents and stage of lakes or reservoirs were published in an annual series of U.S. Geological Survey water-supply papers entitled "Surface Water Supply of the United States." Prior to 1951, there were 14 volumes in the series, one for each of the 14 parts whose boundaries coincided with certain natural drainage lines within the conterminous United States. From 1951 to 1960, there were 20 volumes in the series, including one each for the States of Alaska and Hawaii.

This report marks the beginning of a new series of water-supply papers to be published on a 5-year basis. This series covers the 5-year period October 1, 1960, to September 30, 1965. To meet interim requirements, streamflow and related data have been released by the Geological Survey in annual reports, beginning with the 1961 water year, by State. These reports are entitled, "Water Resources Data for (state), Part 1 Surface Water Records." Distribution of these reports is limited and primarily for local needs. Any revision or corrections found necessary to the records published in these annual State reports have been made and published herein without reference.

This series of 5-year water supply papers consists of 37 volumes. The boundaries of the various parts and volumes within the parts are indicated in the following list and on the map in figure 1.

- Part 1 North Atlantic slope basins, in three volumes
 - Volume 1 Basins from Maine to Connecticut
 - Volume 2 Basins from New York to Delaware
 - Volume 3 Basins from Maryland to York River
- Part 2, South Atlantic slope and eastern Gulf of Mexico basins, in three volumes
 - Volume 1 Basins from James River to Savannah River
 - Volume 2 Basins from Ogeechee River to Carrabelle River
 - Volume 3 Basins from Apalachicola River to Pearl River
- Part 3, Ohio River basin, in four volumes
 - Volume 1 Ohio River basin above Kanawha River
 - Volume 2 Ohio River basin from Kanawha River to Louisville, Kentucky
 - Volume 3 Ohio River basin from Louisville, Kentucky, to Wabash River
 - Volume 4 Ohio River basin below Wabash River
- Part 4 St. Lawrence River basin, in two volumes
 - Volume 1 Basins of streams tributary to Lakes Superior, Michigan, and Huron
 - Volume 2 St. Lawrence River basin below Lake Huron
- Part 5, Hudson Bay and Upper Mississippi River basins, in three volumes
 - Volume 1 Hudson Bay Basin
 - Volume 2 Upper Mississippi River basin above Keokuk, Iowa
 - Volume 3 Upper Mississippi River Basin below Keokuk, Iowa
- Part 6 Missouri River basin, in four volumes
 - Volume 1 Missouri River basin above Williston, North Dakota
 - Volume 2 Missouri River basin from Williston, North Dakota, to Sioux City, Iowa
 - Volume 3 Missouri River basin from Sioux City, Iowa, to Nebraska City, Nebraska
 - Volume 4 Missouri River basin below Nebraska City, Nebraska

- Part 7. Lower Mississippi River basin, in two volumes
 Volume 1 Lower Mississippi River basin except Arkansas River basin
 Volume 2 Arkansas River basin
- Part 8. Western Gulf of Mexico basins, in two volumes
 Volume 1 Basins from Mermentau River to Colorado River
 Volume 2 Basins from Lavaca River to Rio Grande
- Part 9. Colorado River basin, in three volumes
 Volume 1 Colorado River basin above Green River
 Volume 2 Colorado River basin from Green River to Compact Point
 Volume 3 Lower Colorado River basin
- Part 10. The Great Basin
- Part 11. Pacific Slope Basins in California, in four volumes
 Volume 1 Basins from Tia Juana River to Santa Maria River
 Volume 2 Basins from Arroyo Grande to Oregon State line except Central Valley
 Volume 3 Southern Central Valley basins
 Volume 4 Northern Central Valley basins
- Part 12. Pacific Slope basins in Washington, in two volumes
 Volume 1 Pacific Slope basins in Washington except Columbia River basin
 Volume 2 Upper Columbia River basin
- Part 13. Snake River basin
- Part 14. Pacific Slope basins in Oregon and Lower Columbia River basin
- Part 15. Alaska
- Part 16. Hawaii and other Pacific areas

Water-supply papers and other publications of the Geological Survey containing data on the water resources of the United States may be purchased or consulted as follows

1 Copies may be purchased from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, who will, on application, furnish lists giving prices. A list of Geological Survey publications may also be obtained by applying to the Director, Geological Survey, Washington, D. C. 20242.

2 Sets of the reports may be consulted in the libraries of the principal cities in the United States.

3 Sets are available for consultation in the offices of the Water Resources Division of the Geological Survey. Addresses of the offices in the area covered by this report are given on page 2.

Early records of the flow of streams in the United States are published in the reports listed below. In many of these reports records for years earlier than those indicated have been included for some streams. Most of these reports are out of print, but may be available for consultation in the district offices and in public libraries.

Streamflow data for the years 1884-1901, in reports of the Geological Survey

(A - Annual Report, B - Bulletin)

Report	Character of data	Year
10th A, pt. 2	Descriptive information only.	
11th A, pt. 2	Monthly discharge and descriptive information	1844 to September 1890
12th A, pt. 2	. . . do	1844 to June 30, 1891.
13th A, pt. 3	. . . do	1884-92.
14th A, pt. 3	Monthly discharge	1888-93.
B 131 .	Descriptions, measurements, gage heights, and ratings . . .	1893-94.
16th A, pt. 2	Descriptive information only	
B 140 . .	Descriptions, measurements, gage heights, ratings and monthly discharge.	1895.
WSP 11 .	Gage heights	1896.
18th A, pt. 4	Descriptions, measurements, ratings, and monthly discharge.	1895-96
WSP 15. .	Descriptions, measurements, and gage heights of streams east of the Mississippi River, and Missouri River and tributaries above Kansas River.	1897.

Streamflow data for the years 1884-1901, in reports of the Geological Survey--Continued

(A - Annual Report, B - Bulletin)

Report	Character of data	Year
WSP 16 .	Descriptions, measurements, and gage heights of streams west of the Mississippi River, except Missouri River and tributaries above Kansas River	1897
19th A, pt 4	Descriptions, measurements, ratings, and monthly discharge.	1897
WSP 27	Measurements, ratings, and gage heights of streams east of the Mississippi River, and Missouri River and tributaries	1898.
WSP 28	Measurements, ratings, and gage heights of streams west of the Mississippi River, except Missouri River and tributaries.	1898.
20th A, pt 4	Monthly discharge.	1898
WSP 35 to 39	Descriptions, measurements, gage heights, and ratings .	1899.
21st A, pt 4	Monthly discharge .	1899.
WSP 47 to 52	Descriptions, measurements, gage heights, and ratings . .	1900
22nd A, pt 4	Monthly discharge	1900.
WSP 65, 66	Descriptions, measurements, gage heights, and ratings . .	1901
WSP 75	Monthly discharge	1901

Reports on surface water supply containing records from 1899 to date for drainage basins in this report are listed below. The data for any particular gaging station will, in general, be found in the reports covering the years during which the station was maintained

Numbers of water-supply papers containing results of stream measurements in
in South Atlantic slope and eastern Gulf of Mexico basins, Apalachicola River to Pearl River, 1899-1960

Year	WSP	Year	WSP	Year	WSP	Year	WSP	Year	WSP
1899	36	1912	322	1925	602	1937	822	1949	1142
1900	48	1913	352	1926	622	1938	852	1950	1172
1901	75	1914	382	1927	642	1939	872	1951	1204
1902	83	1915	402	1928	662	1940	892	1952	1234
1903	98	1916	432	1929	682	1941	922	1953	1274
1904	127	1917	452	1930	697	1942	952	1954	1334
1905	168	1918	472	1931	712	1943	972	1955	1384
1906	204	1919-20	502	1932	727	1944	1002	1956	1434
1907-8	242	1921	522	1933	742	1945	1032	1957	1504
1909	262	1922	542	1934	757	1946	1052	1958	1554
1910	282	1923	562	1935	782	1947	1082	1959	1624
1911	302	1924	582	1936	802	1948	1112	1960	1704

Records for the area covered by this report have been compiled through September 1950 and for the period October 1950 to September 1960 and published in Water-Supply Papers 1304 and 1704, respectively. These reports contain a summary of monthly and annual discharges for all previously published records as well as some records not contained in the annual series of water-supply papers. All records were re-examined and revised where warranted. Estimates of discharge were made to fill short gaps whenever practical.

The reports listed in the foregoing tables contain the customary records of discharge collected during the systematic operation of gaging stations. Detailed information on the stage and discharge of many streams during major floods has been included in special reports on these floods published by the Geological Survey. The more recent of these special reports also contain other pertinent hydrologic information and analyses and compilations of data relating to earlier notable floods. The following list gives the numbers and titles of these reports.

WSP	Title
771	Floods in the United States, magnitude and frequency.
847 .	Maximum discharges at stream-measurement stations through September 1938

Special reports on floods published by the Geological Survey--Continued

<u>WSP</u>	<u>Title</u>
1066 . . .	Floods of August 1940 in the southeastern States.
1137-I . .	Summary of floods in the United States during 1950.
1227-A . .	Floods of March-April 1951 in Alabama and adjacent States
1227-D . .	Summary of floods in the United States during 1951.
1320-E . .	Summary of floods in the United States during 1953.
1455-B . .	Summary of floods in the United States during 1955.
1530 . . .	Summary of floods in the United States during 1956
1652-C . .	Summary of floods in the United States during 1957
1660-A . .	Floods of April-May 1958 in Louisiana and Adjacent States
1674 . . .	Magnitude and frequency of floods in the United States.
1790-B . .	Summary of floods in the United States during 1960
1810 . . .	Summary of floods in the United States during 1961
1840-C . .	Summary of floods in the United States during 1964.

Reports giving records of chemical quality and temperature of surface water and suspended-sediment loads of streams in the area covered by this volume for the water years 1941-65 are listed below

Numbers of water-supply papers containing water-quality records
in South Atlantic slope and eastern Gulf of Mexico basins, Apalachicola River to Pearl River, 1941-65

Year	WSP	Year	WSP	Year	WSP	Year	WSP	Year	WSP
1941	942	1946	1050	1951	1197	1956	1450	1961	1881
1942	950	1947	1102	1952	1250	1957	1520	1962	1941
1943	970	1948	1132	1953	1290	1958	1571	1963	1947
1944	1022	1949	1162	1954	1350	1959	1641	1964	1954
1945	1030	1950	1186	1955	1400	1960	1741	1965	1961

RECORDS OF DISCHARGE COLLECTED BY AGENCIES OTHER THAN THE GEOLOGICAL SURVEY

Records of discharge have been collected by other agencies at numerous sites throughout the United States that are not published by the Geological Survey. The Office of Water Data Coordination, Water Resources Division, U.S. Geological Survey, Washington, D. C. 20242, maintains an index of such sites. Information on records available in specific sites can be obtained upon request.

APALACHICOLA RIVER BASIN

2-3310 Chattahoochee River near Leaf, Ga

Location --Lat 34°35', long 83°38', on left bank 700 ft upstream from bridge on State Highway 11., 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

Records available --May to December 1907, October 1939 to September 1965 Monthly discharge only
For some periods, published in WSP 1304

Gage --Digital water-stage recorder Datum of gage is 1,219 47 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 May 8 to Dec 31, 1907, staff gage at site 700 ft downstream at different datum Feb 21, 1940, to July 11, 1963, graphic water-stage recorder at present site and datum

Average discharge --26 years, 397 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,700 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	0800	6,090	8 3	Apr 11, 1962	1500	3,510	6 10	Mar 15, 1964	0430	5,220	7 60
Feb 23, 1961	0900	4,620	7 1	Sept 18, 1962	2400	2,900	5 52	Mar 26, 1964	0730	7,980	9 70
Feb 25, 1961	1200	* 7,700	9 5					Apr 6, 1964	1300	7,840	9 55
Mar 8, 1961	1100	2,780	5 4	Mar 6, 1963	0400	9,900	11 0	Apr 27, 1964	1000	2,880	5 50
				Mar 12, 1963	1730	* 16,200	14 8				
Dec 12, 1961	0600	* 11,600	12 05	Apr 30, 1963	0700	7,980	9 7	Oct 4, 1964	2100	* 9,900	11 01
Dec 18, 1961	0830	5,530	7 86					Nov 25, 1964	0800	3,080	5 73
Mar 21, 1962	0800	2,870	5 49	Jan 25, 1964	0500	* 8,550	10 13	Apr 27, 1965	0600	2,780	5 40

Annual minimum daily discharge, water years 1961-65

Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 29, 30, 1961	226	1964	Sept 25, 1964	127
1962	Sept 3, 4, 14, 1962	136	1965	Sept 29, 1965	130
1963	Nov 5-8, Dec 12, 1962	126			

1907, 1939-65 Maximum discharge, 16,200 cfs Mar 12, 1963 (gage height, 14 8 ft), minimum daily, 72 cfs Oct 26, 1941

Remarks --Records good Diurnal fluctuation at low flow caused by milldams above station

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	428	389	253	558	258	980	945	508	341	508	332	496
2	384	328	245	389	258	840	663	496	337	454	328	496
3	356	310	249	337	266	737	598	480	332	475	360	418
4	328	292	245	310	258	694	535	464	323	428	491	384
5	379	287	245	296	249	645	508	454	404	399	433	360
6	651	287	241	287	245	616	480	454	433	384	360	341
7	546	279	237	279	337	756	470	449	360	449	360	332
8	688	274	237	270	464	1,360	454	428	332	449	505	314
9	725	274	234	262	354	910	700	454	323	384	604	305
10	552	314	234	258	318	744	762	449	486	360	449	300
11	475	287	634	253	305	682	616	616	502	351	610	323
12	428	279	470	249	287	622	1,320	518	408	408	464	351
13	404	274	351	245	279	639	1,020	513	365	475	394	305
14	379	270	314	370	274	651	782	470	351	444	379	332
15	365	266	300	360	266	592	718	464	423	404	351	332
16	356	266	287	332	262	558	775	464	423	418	341	292
17	351	266	270	310	258	535	663	433	374	438	323	283
18	337	258	266	292	557	651	622	433	351	604	314	274
19	413	249	262	323	657	616	592	433	328	604	332	283
20	496	245	258	323	682	564	569	408	394	581	310	292
21	423	241	310	300	3,400	627	552	399	2,080	518	305	270
22	374	237	253	270	1,120	598	546	418	1,120	586	296	262
23	318	332	258	287	2,300	564	530	475	657	622	292	253
24	305	292	258	279	1,160	541	518	404	535	491	413	249
25	292	266	253	266	5,220	518	513	404	470	444	404	245
26	292	258	249	287	1,860	502	513	428	480	404	558	245
27	292	253	249	279	1,280	491	581	399	552	418	694	234
28	287	249	245	266	1,160	486	524	374	718	379	423	230
29	283	266	245	270	-----	475	491	360	546	360	370	226
30	279	245	292	262	-----	464	480	351	508	351	418	226
31	404	292	258	258	-----	911	-----	361	-----	361	454	-----
TOTAL	12,590	8,333	8,736	9,327	24,336	20,569	19,040	13,751	15,256	13,931	12,667	9,253
MEAN	406	278	282	301	869	664	635	444	509	449	409	308
MAX	725	389	634	558	9,220	1,360	1,320	616	2,080	622	694	496
MIN	279	237	234	245	245	464	454	361	323	361	292	226
CFSM	2.71	1.85	1.88	2.01	5.79	4.42	4.23	2.96	3.39	3.00	2.72	2.06
IN.	3.12	2.07	2.17	2.31	6.03	5.10	4.72	3.41	3.78	3.45	3.14	2.79

CAL YR 1960: TOTAL 179,756 MEAN 475 MAX 8,288 MIN 218 CFSM 3.47 IN 27.18
MAY YR 1961: TOTAL 167,786 MEAN 440 MAX 8,288 MIN 218 CFSM 3.47 IN 27.18

2-3310 Chattahoochee River near Leaf, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	225	193	206	514	583	690	1,310	585	370	237	194	141
2	222	190	203	480	545	629	802	571	358	233	189	138
3	354	186	203	436	516	609	766	593	370	231	261	136
4	278	274	201	428	496	586	696	545	377	310	207	136
5	242	221	206	423	490	566	670	538	525	243	199	213
6	235	218	209	1,100	469	543	913	527	395	252	211	152
7	231	219	201	749	444	525	1,150	515	399	274	300	176
8	228	195	192	603	441	508	878	505	365	292	278	182
9	224	189	194	529	491	571	769	492	337	439	210	164
10	220	189	1,260	496	451	610	716	485	337	266	185	163
11	217	191	2,000	464	424	1,530	2,100	482	332	245	178	155
12	216	202	7,920	449	418	1,290	1,830	472	460	250	176	144
13	214	202	1,930	431	409	872	1,280	462	393	242	271	137
14	209	272	1,040	418	403	748	1,040	449	341	225	349	136
15	202	254	790	514	392	693	948	436	320	218	317	137
16	204	456	773	470	436	656	864	451	309	213	255	431
17	204	328	1,510	434	400	602	816	456	300	211	224	867
18	204	256	3,360	420	394	600	783	420	293	211	198	258
19	201	233	1,300	445	564	601	752	411	283	202	205	198
20	198	221	967	432	460	603	723	399	301	198	210	177
21	200	212	815	416	552	1,490	695	389	298	200	194	165
22	197	207	725	411	1,330	826	678	383	276	187	209	159
23	197	315	681	458	775	689	669	379	269	182	212	157
24	196	343	617	464	1,370	638	654	372	262	212	186	151
25	195	264	573	525	946	632	684	373	254	221	178	149
26	190	241	532	587	1,080	878	681	362	257	218	170	153
27	186	231	532	654	835	768	650	352	272	190	162	179
28	191	220	594	1,300	763	709	633	383	273	188	161	147
29	191	215	516	964	-----	661	622	367	259	205	151	141
30	194	208	484	735	-----	662	599	360	246	214	146	161
31	192	-----	466	636	-----	1,150	-----	415	-----	277	144	-----
TOTAL	6,657	7,145	31,200	17,385	16,877	23,145	26,461	13,899	9,831	7,286	6,530	5,783
MEAN	215	238	1,006	561	603	747	882	448	328	235	211	183
MAX	354	456	7,920	1,300	1,370	1,530	2,100	585	425	439	349	867
MIN	186	186	192	411	392	508	599	352	246	182	144	136
CFSM	1.43	1.59	6.71	3.74	4.02	4.98	5.88	2.99	2.18	1.57	1.40	1.29
IN.	1.65	1.77	7.74	4.31	4.18	5.74	6.56	3.44	2.44	1.81	1.62	1.43

CAL YR 1961: TOTAL 183,132
 MAY YR 1962: TOTAL 172,189

MEAN 502
 MEAN 492

MAX 7,920
 MAX 7,920

MIN 186
 MIN 136

CFSM 3.34
 CFSM 3.19

IN 45.40
 IN 42.60

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	138	129	179	270	317	370	440	1,200	370	874	350	189
2	182	129	172	246	322	435	435	832	350	652	376	185
3	631	129	169	232	624	341	425	712	336	560	308	185
4	358	129	198	222	470	317	420	640	326	495	299	193
5	236	126	185	215	400	887	610	585	322	450	294	197
6	208	126	185	208	360	4,500	445	540	317	430	286	178
7	189	126	172	202	341	965	500	510	312	445	277	370
8	182	126	169	195	322	712	440	485	299	410	268	227
9	169	304	166	189	303	610	420	460	308	385	264	200
10	156	258	160	189	294	545	400	440	286	370	260	185
11	156	192	156	263	290	853	390	430	277	350	256	178
12	153	179	126	920	370	7,450	380	415	268	341	248	175
13	147	192	160	440	322	3,080	370	440	264	331	243	193
14	147	166	160	341	299	1,360	365	510	260	375	281	360
15	144	160	160	299	286	1,070	360	425	252	346	239	277
16	141	153	160	272	272	916	350	400	290	370	231	219
17	144	156	153	264	268	1,000	350	395	410	644	227	200
18	150	340	150	290	264	846	346	420	336	535	223	189
19	141	266	147	510	365	772	341	370	312	440	219	182
20	138	226	144	1,070	346	748	341	365	380	460	216	175
21	144	474	144	565	317	658	331	365	500	555	227	171
22	176	580	153	445	281	605	326	366	439	410	239	164
23	144	335	166	405	277	575	317	341	474	520	239	160
24	132	270	156	341	277	555	303	341	475	500	208	193
25	129	240	417	326	268	540	308	341	385	460	200	150
26	132	222	410	326	264	555	303	370	405	435	277	150
27	132	248	322	290	248	520	300	500	1,120	385	239	146
28	132	202	246	277	252	495	458	605	1,240	400	223	820
29	132	195	455	272	-----	480	2,380	520	772	445	235	870
30	132	185	442	322	-----	460	4,780	435	766	410	260	380
31	135	-----	322	336	-----	450	-----	415	-----	385	204	-----
TOTAL	5,430	6,523	6,514	10,774	9,019	33,670	17,733	15,153	12,847	14,169	7,866	7,421
MEAN	175	217	210	347	322	1,086	591	489	428	460	254	231
MAX	631	580	455	1,070	624	7,450	4,780	1,200	1,240	874	350	870
MIN	129	126	126	189	248	317	299	341	252	331	200	146
CFSM	1.17	1.45	1.40	2.32	2.15	7.24	3.94	3.26	2.85	3.05	1.69	1.65
IN.	1.35	1.62	1.62	2.67	2.24	8.35	4.40	3.76	3.19	3.51	1.95	1.84

CAL YR 1962: TOTAL 145,654
 MAY YR 1963: TOTAL 147,118

MEAN 399
 MEAN 403

MAX 2,100
 MAX 7,450

MIN 126
 MIN 126

CFSM 2.68
 CFSM 2.68

IN 38.11
 IN 38.48

2-3316 Chattahoochee River near Cornelia, Ga

Location --Lat 34°33', long 83°37', on downstream side of Duncan Bridge, 1 mile downstream from Soque River, 6 miles northwest of Cornelia, Habersham County, and at mile 401.5

Drainage area --315 sq mi

Records available --August 1957 to September 1965

Gage --Water-stage recorder Datum of gage is 1.128 53 ft above mean sea level, datum of 1929 (levels by Corps of Engineers)

Average discharge --8 years, 849 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (6,200 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	0900	11,000	11 34	Mar 6, 1963	0530	17,400	15 93	Apr 6, 1964	1500	13,500	13 26
Feb 23, 1961	1000	7,390	8 26	Mar 12, 1963	1900	* 24,800	20 55				
Feb 25, 1961	1300	* 12,900	12 87	Apr 30, 1963	0700	13,900	13 55	Oct 4, 1964	2300	* 11,500	11 75
Dec 12, 1961	0945	* 17,800	16 20	Jan 25, 1964	0400	* 14,500	14 00				
Dec 18, 1961	0745	10,800	11 30	Mar 15, 1964	0500	9,760	10 28				
Apr 11, 1962	1645	6,470	7 40	Mar 26, 1964	0800	13,800	13 46				

Annual minimum daily discharge, water years 1961-65					
Water year	Date	Discharge	Water year	Date	Discharge
1961	Dec 10, 1960	370	1964	Oct 20, 1963	244
1962	Sept 2, 1962	219	1965	Sept 26, 1965	175
1963	Oct 28, 1962	198			

1957-65 Maximum discharge, 24,800 cfs Mar 12, 1963 (gage height, 20.55 ft), from rating curve extended above 13,000 cfs on basis of contracted-opening measurement of peak flow, minimum daily, 91 cfs Sept 7, 1957

Remarks --Records good Some regulation at low flow from Habersham Mill powerplant

Cooperation --Gage-height record, 57 discharge measurements, and computation of daily discharge furnished by Corps of Engineers, records reviewed by Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	728	784	480	956	510	1,670	1,800	974	673	974	610	1,070
2	680	617	480	720	510	1,490	1,310	1,100	659	856	610	920
3	659	582	392	645	425	1,280	1,180	947	582	880	696	824
4	617	534	386	589	436	1,250	1,080	920	624	800	880	760
5	645	447	463	561	480	1,190	1,000	896	792	744	992	696
6	1,060	447	463	554	516	1,150	974	864	808	720	680	659
7	956	516	458	442	645	1,330	947	872	728	792	736	638
8	1,410	504	458	442	880	2,560	896	880	666	880	856	624
9	631	510	447	510	704	1,710	1,400	880	652	720	1,340	572
10	1,080	554	370	492	528	1,350	1,680	896	860	712	832	568
11	872	561	1,130	498	492	1,240	1,240	1,460	920	659	1,100	631
12	784	436	956	522	540	1,160	2,740	1,060	800	744	760	659
13	744	436	680	398	547	1,200	2,140	992	704	872	696	582
14	712	447	610	582	540	1,190	1,540	920	680	872	680	624
15	561	486	582	704	534	1,100	1,390	938	800	728	652	638
16	582	504	463	666	528	1,020	1,610	904	824	784	638	462
17	652	516	447	589	425	983	1,360	864	680	824	610	528
18	596	436	492	575	800	1,130	1,240	840	666	1,220	596	561
19	696	386	528	610	1,340	1,140	1,180	864	666	1,190	498	561
20	864	453	516	522	1,230	1,060	1,140	800	728	1,010	540	561
21	760	510	575	486	7,550	1,160	1,060	784	3,490	896	596	554
22	575	480	516	498	2,340	1,130	1,030	840	2,170	947	554	540
23	504	631	425	575	4,530	1,060	1,010	938	1,240	1,030	575	403
24	575	425	414	534	2,260	1,010	1,010	808	1,010	856	856	436
25	540	492	469	540	9,640	938	974	784	896	760	1,010	516
26	528	480	469	463	3,390	938	983	832	956	720	1,020	504
27	547	469	504	458	2,160	947	1,140	740	1,060	736	1,420	469
28	547	480	480	504	1,880	920	992	736	1,240	680	864	462
29	447	504	480	504	-----	904	938	736	983	596	728	462
30	447	480	534	522	-----	896	920	704	947	610	816	408
31	680	-----	480	510	-----	1,800	-----	680	-----	624	880	-----
TOTAL	21,479	15,107	16,147	17,191	46,260	37,906	37,904	27,473	28,594	25,436	24,321	17,842
MEAN	699	504	521	555	1,486	1,223	1,263	886	951	821	785	555
MAX	1,410	784	1,130	956	9,640	2,560	2,740	1,460	3,490	1,220	1,420	1,070
MIN	447	386	370	398	425	896	896	680	582	596	498	403
CFSM	2.22	1.60	1.65	1.76	5.26	3.88	4.01	2.81	3.02	2.60	2.49	1.89
IN.	2.56	1.78	1.91	2.03	5.47	4.48	4.48	3.24	3.37	3.00	2.87	2.11

CAL YR 1960: TOTAL 327,730 MEAN 895 MAX 9,640 MIN 325 CFSM 2.73 IN 39.38
 MAY YR 1961: TOTAL 315,690 MEAN 865 MAX 9,640 MIN 370 CFSM 2.73 IN 39.38

2-3316 Chattahoochee River near Cornelia, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT	NOV	DEC.	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
1	355	398	408	992	1,090	1,300	2,800	1,140	760	447	414	260
2	452	392	345	938	1,010	1,210	1,730	1,110	736	474	386	219
3	575	392	310	947	967	1,150	1,460	1,100	784	469	440	254
4	575	403	414	856	929	1,130	1,350	1,080	704	610	345	295
5	516	370	414	848	956	1,110	1,300	1,060	1,160	540	325	398
6	480	442	425	2,620	904	1,060	1,590	1,050	872	528	430	320
7	370	442	425	1,590	856	1,010	2,180	1,040	840	575	568	360
8	360	398	270	1,220	848	992	1,670	1,010	760	492	532	320
9	458	386	320	1,060	956	1,110	1,500	974	680	912	442	241
10	452	386	2,370	983	872	1,150	1,350	956	688	582	370	345
11	425	335	2,940	920	840	3,290	4,230	956	720	504	310	310
12	425	270	14,600	872	856	3,120	3,970	920	920	528	244	300
13	425	442	4,500	816	808	1,720	2,510	920	956	534	380	285
14	360	522	1,910	816	900	1,430	1,910	912	760	398	670	285
15	310	522	1,430	992	768	1,300	1,770	880	680	381	568	270
16	414	736	1,340	904	864	1,220	1,640	880	645	458	492	451
17	408	610	2,690	848	800	1,130	1,930	896	617	480	425	2,510
18	408	436	7,990	824	784	1,100	1,480	840	638	528	414	596
19	414	398	2,490	856	1,100	1,110	1,420	824	603	469	320	430
20	414	447	1,710	840	920	1,090	1,370	824	610	436	398	370
21	350	425	1,420	824	1,060	3,030	1,310	816	624	350	370	345
22	290	414	1,280	840	3,600	1,640	1,300	776	603	310	381	330
23	403	540	1,240	888	1,670	1,350	1,320	768	568	392	360	251
24	392	720	1,130	904	2,390	1,240	1,270	760	452	420	360	295
25	392	458	1,050	992	1,710	1,230	1,320	776	561	436	376	300
26	392	452	1,000	1,080	2,170	1,600	1,360	720	540	452	251	315
27	381	464	965	1,150	1,610	1,430	1,270	720	575	398	305	360
28	330	442	1,090	2,220	1,450	1,280	1,210	752	603	360	320	325
29	285	325	947	1,780	-----	1,220	1,240	768	596	285	310	310
30	403	408	896	1,350	-----	1,170	1,210	728	442	425	310	232
31	398	-----	848	1,170	-----	2,260	-----	800	-----	528	263	-----
TOTAL	12,612	13,475	59,167	33,829	33,568	45,182	51,570	27,772	20,753	14,701	12,119	11,882
MEAN	407	444	1,909	1,091	1,199	1,457	1,715	896	692	474	391	396
MAX	575	736	14,600	2,620	3,600	3,290	4,230	1,140	1,160	912	670	2,510
MIN	285	270	270	816	768	992	1,210	720	442	285	244	219
CFSM	1.29	1.43	6.06	3.46	3.81	4.63	5.46	2.84	2.20	1.51	1.24	1.26
IN.	1.49	1.59	6.99	3.99	3.96	5.33	6.09	3.28	2.45	1.74	1.43	1.40

CAL YR 1961: TOTAL 348,211

MEAN 954

MAX 14,600

MIN 270

CFSM 3.03

IN 41.11

WAT YR 1962: TOTAL 336,630

MEAN 922

MAX 14,600

MIN 219

CFSM 2.93

IN 39.74

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	244	290	320	522	596	610	840	2,400	631	1,820	638	320
2	345	285	270	480	480	760	816	1,590	638	1,100	603	408
3	956	257	340	458	1,190	610	800	1,340	645	920	561	370
4	760	201	370	442	872	589	784	1,170	617	784	403	386
5	510	257	370	350	720	1,310	760	1,100	603	752	540	403
6	425	270	387	300	659	10,200	776	1,040	589	720	516	370
7	270	270	355	398	610	2,040	904	956	610	736	504	516
8	355	270	350	381	582	1,330	904	904	475	720	498	335
9	350	498	280	370	447	1,120	840	840	554	666	392	370
10	335	436	300	381	453	992	800	840	554	666	392	370
11	320	280	315	453	554	1,380	760	800	528	638	375	355
12	320	355	300	1,610	704	11,200	728	800	498	603	458	395
13	280	370	300	776	638	8,420	659	840	498	480	452	375
14	235	305	270	610	582	2,600	645	983	498	554	480	376
15	300	315	360	540	528	1,840	659	824	386	610	441	425
16	300	320	280	498	414	1,550	652	776	425	638	436	441
17	290	285	300	480	425	1,780	645	760	752	1,130	425	386
18	320	498	305	554	504	1,530	645	760	638	912	315	365
19	295	540	300	731	652	1,340	645	728	603	744	392	355
20	295	442	310	2,170	666	1,340	582	728	645	855	408	345
21	238	773	310	1,060	610	1,190	540	728	840	1,080	425	350
22	350	1,260	310	784	340	1,100	582	680	704	736	436	285
23	310	459	270	712	436	1,010	582	672	616	967	452	300
24	295	568	290	645	447	983	568	652	856	932	420	320
25	295	350	736	596	516	974	589	522	696	874	305	320
26	285	442	816	480	486	1,010	582	659	728	808	492	315
27	251	409	610	522	480	956	492	967	2,620	680	458	320
28	398	516	784	522	480	904	582	1,102	2,030	624	441	1,580
29	264	392	784	504	-----	872	4,170	992	1,300	856	436	1,720
30	290	387	816	568	-----	840	9,590	784	1,420	736	540	659
31	295	-----	631	631	-----	824	-----	744	-----	728	464	-----
TOTAL	10,576	12,382	12,471	19,528	16,271	62,204	37,200	28,471	23,377	25,022	14,186	13,461
MEAN	346	415	402	630	519	1,974	1,190	912	755	809	458	430
MAX	956	1,260	816	2,170	1,840	11,200	9,590	2,400	2,620	1,080	638	1,720
MIN	198	201	270	300	414	589	492	522	386	480	305	285
CFSM	1.08	1.31	1.28	2.00	1.84	6.47	3.52	2.94	2.47	2.56	1.45	1.42
IN.	1.25	1.46	1.47	2.31	1.92	7.46	3.93	3.38	2.76	2.95	1.67	1.59

CAL YR 1962: TOTAL 286,805

MEAN 786

MAX 11,200

MIN 198

CFSM 2.97

IN 32.96

2-3335 Chestatee River near Dahlonega, Ga

Location --Lat 34°32', long 83°56', on left bank, 250 ft upstream from Bearden Bridge on State Highway 52, 2 miles downstream from Bellplay Creek, 2½ miles east of Dahlonega, Lumpkin County, and 3½ miles upstream from Yahoola Creek

Drainage area --153 sq mi

Records available --June 1929 to January 1932, April 1940 to September 1965 Monthly discharges only for some periods, published in WSP 1304

Gage --Digital water-stage recorder Datum of gage is 1,128.6 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers) Prior to Oct 1, 1961, graphic water-stage recorder at same site and datum

Average discharge --27 years (1929-31, 1941-65), 353 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,600 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	1000	5,320	11.7	Apr 11, 1962	1515	3,410	7.59	Jan 25, 1964	0645	* 9,330	14.70
Feb 23, 1961	0900	3,420	8.4	Mar 6, 1963	0545	11,300	16.53	Mar 15, 1964	0645	5,930	10.96
Feb 25, 1961	1200	* 8,600	16.0	Mar 12, 1963	1915	* 21,700	24.53	Mar 26, 1964	0815	9,330	14.68
Mar 8, 1961	1100	2,600	6.9	Apr 30, 1963	0930	8,640	14.01	Apr 6, 1964	1545	5,610	10.61
Dec 12, 1961	0715	* 12,500	19.73	June 27, 1963	0930	3,350	7.37	May 3, 1964	0200	2,790	6.39
Dec 18, 1961	0845	4,890	10.13	July 1, 1963	0015	3,110	6.96	Oct 4, 1964	2000	* 8,000	13.34
Mar 21, 1962	0900	2,600	6.41	Sept 28, 1963	2315	2,750	6.36	Apr 27, 1965	0045	4,220	8.56

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 30, 1961	182	1964	Sept 28, 1964	113
1962	Sept 4, 1962	94	1965	Sept 28, 29, 1965	111
1963	Dec 13, 1962	a 92			

a Result of freezeup

1929-32, 1940-65 Maximum discharge, 21,700 cfs Mar 12, 1963 (gage height, 24.53 ft), minimum daily, 49 cfs Oct 4, 1931, Oct 26 1941

Maximum stage known, 24.53 ft Mar 12, 1963

Flood of Aug 12, 1907 reached a stage of about 25 ft, from information by local resident

Flow increased by failure of dam above station

Remarks --Records good Moderate diurnal fluctuation at times, caused by milldam above station

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	377	341	215	515	248	850	918	480	314	371	266	462
2	338	275	209	374	245	745	695	305	344	344	272	480
3	311	254	206	323	254	690	602	462	299	335	287	392
4	290	245	206	302	248	638	568	434	296	326	531	350
5	392	242	203	287	242	602	532	424	434	305	407	326
6	725	239	198	272	236	620	498	420	462	299	323	317
7	498	233	195	266	311	805	480	417	365	296	311	296
8	462	230	195	260	404	1,570	462	407	323	335	371	284
9	515	230	190	251	323	1,010	656	431	305	296	532	275
10	424	275	188	242	296	745	708	417	435	296	374	266
11	380	245	594	239	278	655	568	638	445	275	380	275
12	353	236	462	239	269	602	1,120	498	383	366	335	296
13	326	230	335	236	263	620	940	480	356	617	317	266
14	311	224	296	359	257	602	725	438	338	445	305	302
15	302	224	278	353	251	550	655	424	359	353	294	305
16	290	221	260	332	248	532	690	424	428	371	281	260
17	284	221	245	299	242	498	602	395	347	359	263	248
18	272	215	236	287	515	585	568	398	329	344	251	239
19	266	212	227	329	672	550	550	401	311	371	251	242
20	359	209	230	341	771	515	532	377	350	462	245	248
21	290	209	293	311	3,480	550	515	368	1,280	515	242	233
22	275	206	239	287	1,210	532	498	438	745	550	233	221
23	263	326	242	284	2,250	498	480	462	550	638	233	215
24	254	281	227	272	1,260	480	480	380	462	350	209	
25	245	248	227	260	5,150	462	462	371	410	386	311	203
26	245	233	224	284	1,750	445	480	438	424	350	763	200
27	251	227	221	275	1,210	428	585	371	462	323	798	190
28	245	224	215	265	1,010	431	498	356	405	308	392	188
29	239	239	221	260	---	417	480	341	395	293	338	188
30	236	221	272	254	---	404	445	329	380	281	341	188
31	357	---	266	251	---	858	---	320	---	275	431	---
TOTAL	10,375	7,215	7,815	9,110	23,893	19,489	17,952	13,089	12,755	11,447	11,018	8,164
MEAN	335	241	252	294	755	629	582	422	425	369	348	260
MAX	725	341	594	515	5,150	1,570	1,120	638	1,280	638	798	480
MIN	236	206	188	236	236	404	445	320	296	275	233	188
CFSM	2.19	1.57	1.65	1.92	5.58	4.11	3.91	2.76	2.78	2.43	2.32	1.78
IN.	2.52	1.75	1.90	2.21	5.81	4.74	4.36	3.18	3.10	2.81	2.68	1.98

CAL YR 1960: TOTAL 158,709 MEAN 434 MAX 2,250 MIN 180 CFSM 2.83 IN 38.58

WAT YR 1961: TOTAL 152,422 MEAN 418 MAX 5,150 MIN 188 CFSM 2.73 IN 37.05

APALACHICOLA RIVER BASIN

2-3335 Chestatee River near Dahlonga, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	186	149	169	481	581	650	1,350	520	345	187	146	100
2	182	147	165	466	536	604	874	501	295	182	139	98
3	280	145	184	427	502	575	692	479	327	180	195	97
4	221	237	178	417	479	550	646	470	310	195	149	98
5	185	186	176	408	469	528	622	467	354	180	158	132
6	177	205	183	827	446	506	912	453	324	207	332	106
7	174	235	173	671	421	490	1,270	444	287	219	301	133
8	171	167	159	571	418	475	899	430	277	216	222	148
9	169	154	157	498	471	551	714	416	269	302	178	126
10	163	153	1,300	462	432	582	663	409	265	200	159	120
11	160	150	1,890	434	405	1,490	2,460	406	267	183	150	122
12	159	150	8,070	420	398	1,260	2,410	399	376	188	142	113
13	158	151	2,090	387	388	817	1,570	396	322	185	140	106
14	154	208	1,090	377	381	690	1,130	381	276	169	216	125
15	148	213	789	461	372	635	966	372	259	162	177	111
16	151	356	730	428	416	594	819	374	250	160	166	261
17	150	286	1,430	397	384	561	763	385	245	204	146	968
18	150	214	3,480	385	374	542	723	352	253	188	133	239
19	150	190	1,470	408	536	525	693	341	233	155	135	184
20	150	178	984	400	474	522	665	332	242	144	157	150
21	152	171	753	383	650	1,670	643	326	246	141	142	133
22	150	166	659	377	1,750	906	623	316	224	132	161	125
23	149	262	630	435	951	679	618	319	215	133	173	123
24	148	348	564	452	1,590	622	602	310	209	205	136	113
25	148	239	517	533	1,090	607	599	338	200	191	130	112
26	145	208	483	629	1,130	855	595	301	216	179	122	115
27	141	195	479	633	868	729	564	287	249	161	116	138
28	145	185	563	1,680	742	644	551	279	222	150	117	112
29	147	177	476	1,160	-----	602	548	273	210	160	108	107
30	147	171	443	769	-----	581	531	279	197	156	104	107
31	147	-----	428	651	-----	1,150	-----	302	-----	222	100	-----
TOTAL MEAN	5,057 163	5,996 200	30,862 996	17,027 549	17,654 631	22,192 716	26,715 891	11,657 376	7,964 265	5,636 182	4,950 160	4,722 157
MAX	280	356	8,070	1,680	1,750	1,670	2,460	520	376	302	332	968
MIN	141	145	157	377	372	475	531	273	197	132	100	97
CFSM	1.07	1.31	6.51	3.59	4.12	4.68	5.82	2.46	1.74	1.19	1.04	1.03
IN.	1.23	1.46	7.50	4.14	4.29	5.39	6.49	2.83	1.94	1.37	1.20	1.15

CAL YR 1961: TOTAL 168,932 MEAN 463 MAX 8,070 MIN 141 CFSM 3.83 IN 31.06
 MAY YR 1962: TOTAL 160,432 MEAN 440 MAX 8,070 MIN 97 CFSM 3.87 IN 39.08

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	105	99	142	245	281	296	427	1,310	329	1,560	297	155
2	135	98	136	215	289	383	417	800	309	742	277	149
3	329	98	132	195	630	287	409	643	795	577	269	148
4	244	98	146	182	442	260	400	560	283	485	261	146
5	163	97	142	173	362	832	389	507	275	429	255	159
6	138	95	145	165	323	5,610	427	471	265	417	252	149
7	130	96	130	160	299	1,010	463	440	261	413	244	258
8	126	98	131	152	275	673	412	415	256	371	235	180
9	120	288	126	148	254	554	399	397	246	361	228	155
10	110	221	121	145	242	487	382	382	233	349	220	146
11	108	147	118	266	239	757	371	370	224	323	218	140
12	107	163	108	866	305	8,740	361	353	213	313	214	136
13	104	193	104	380	260	3,770	350	364	206	301	206	140
14	102	143	126	290	239	1,340	345	468	216	317	201	379
15	102	128	126	245	227	967	339	370	199	308	185	231
16	101	122	122	218	215	801	335	344	229	296	180	174
17	103	139	115	203	209	1,050	333	335	370	334	181	157
18	103	354	110	236	206	823	328	341	311	294	178	149
19	97	256	108	462	335	716	324	314	269	297	176	146
20	95	201	109	1,160	302	809	328	307	312	381	172	140
21	104	478	110	532	263	651	315	308	464	587	173	134
22	133	611	175	395	236	602	307	293	366	334	190	131
23	103	318	134	350	227	570	300	284	393	394	174	129
24	96	252	122	307	227	544	286	280	391	550	159	122
25	97	226	413	291	218	524	289	280	317	410	151	122
26	98	200	397	266	212	560	290	316	394	378	188	122
27	98	182	262	280	200	516	279	426	2,010	326	191	121
28	100	170	211	235	200	486	422	635	1,360	331	179	839
29	101	161	438	231	-----	487	2,090	545	823	405	170	938
30	101	148	423	287	-----	451	5,470	423	1,030	346	184	327
31	104	-----	298	311	-----	440	-----	382	-----	334	167	-----
TOTAL MEAN	3,757	5,880	5,480	9,591	7,717	35,976	17,587	13,663	12,849	13,263	6,375	6,422
MAX	121	611	177	309	276	1,161	586	441	428	428	206	214
MIN	329	199	144	1,160	630	8,740	5,470	1,310	2,010	1,560	297	938
CM	.79	1.04	1.04	1.45	2.00	2.60	2.79	2.99	2.94	2.94	1.51	1.21
CFSM	.79	1.28	1.16	2.02	1.80	7.59	3.83	2.88	2.80	2.80	1.34	1.40
IN.	.91	1.43	1.33	2.33	1.88	8.74	4.27	3.32	3.12	3.22	1.95	1.56

CAL YR 1962: TOTAL 133,634 MEAN 366 MAX 8,740 MIN 95 CFSM 2.39 IN 32.48
 MAY YR 1963: TOTAL 138,560 MEAN 380 MAX 8,740 MIN 95 CFSM 2.48 IN 33.68

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2-3335 Chestatee River near Dahlonega, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	241	142	309	979	521	400	770	801	432	229	305	200
2	207	176	257	442	451	661	729	1,150	415	242	253	188
3	196	129	259	368	421	960	699	1,850	397	254	226	182
4	188	125	223	338	404	658	700	1,050	386	266	265	180
5	183	128	200	308	413	1,300	669	890	379	228	261	175
6	176	205	188	293	761	765	3,220	802	378	214	275	173
7	168	149	182	375	544	644	3,020	751	375	207	237	162
8	158	134	185	338	473	599	3,650	714	370	218	218	159
9	146	128	185	1,300	436	558	1,600	688	355	270	205	152
10	143	128	172	693	418	608	1,210	662	344	249	211	149
11	142	125	218	497	425	542	1,030	647	334	250	316	145
12	141	123	582	634	394	511	948	687	330	286	535	188
13	139	120	383	608	431	484	1,210	637	430	268	360	170
14	138	119	398	473	483	1,260	1,190	598	338	227	290	180
15	138	119	338	413	480	4,320	987	589	320	208	294	160
16	137	118	287	388	723	1,480	894	567	326	290	622	158
17	136	117	257	369	538	1,000	832	550	309	236	596	150
18	134	117	245	356	723	837	784	535	302	225	387	150
19	132	117	221	346	662	757	751	518	292	235	336	157
20	130	122	212	472	557	790	722	496	283	345	298	164
21	128	122	203	409	508	791	694	483	276	737	271	147
22	127	122	195	392	476	713	669	541	266	522	258	143
23	126	302	236	365	446	660	655	498	261	527	281	138
24	126	235	233	1,140	428	621	766	513	293	384	247	131
25	127	160	212	5,170	460	1,640	878	475	302	423	227	121
26	127	161	212	1,180	452	5,960	799	454	271	320	213	118
27	125	210	209	783	426	1,810	1,520	442	262	272	215	119
28	124	177	206	641	440	1,200	1,210	438	246	253	144	144
29	121	1,190	198	457	415	1,000	1,130	436	247	211	44	144
30	118	487	188	511	-----	886	900	444	227	330	268	1,930
31	117	-----	216	495	-----	834	-----	425	-----	281	240	-----
TOTAL	4,539	5,807	7,609	21,653	14,309	35,824	34,834	20,332	9,138	9,200	9,172	6,274
MEAN	146	194	245	695	460	1,120	1,114	674	300	300	300	200
MAX	1,190	582	5,170	761	5,960	3,650	3,650	1,850	432	737	622	1,530
MIN	117	117	172	293	394	400	655	425	227	207	205	118
CFSM	.96	1.27	1.60	4.57	3.22	7.43	7.59	4.29	2.12	1.96	1.93	1.39
IN.	1.10	1.41	1.85	5.26	3.48	8.57	8.47	4.94	2.37	2.26	2.23	1.55

CAL YR 1963:	TOTAL 141,398	MEAN 387	MAX 8,740	MIN 117	CFSM 2:53	IN 34:37
WAT YR 1964:	TOTAL 178,906	MEAN 489	MAX 9,960	MIN 117	CFSM 3:19	IN 43:49

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	567	218	262	399	364	437	638	476	268	240	211	139
2	349	215	257	380	429	654	594	450	261	231	197	151
3	286	215	252	390	383	608	561	429	262	241	185	153
4	3,550	210	564	367	371	714	601	412	257	258	176	140
5	2,790	207	448	353	364	669	547	400	269	238	178	132
6	957	205	366	348	365	586	525	390	270	217	175	130
7	630	203	326	345	1,090	533	504	379	312	214	215	126
8	501	215	305	306	742	498	488	370	393	214	323	122
9	430	219	291	302	581	471	474	397	288	208	217	117
10	386	214	280	453	571	448	454	428	266	214	189	123
11	352	211	273	413	586	430	448	402	322	310	179	143
12	331	209	437	369	614	500	466	382	348	234	172	215
13	317	208	396	353	566	467	427	358	352	231	177	202
14	305	204	350	338	524	435	413	346	342	208	171	148
15	300	202	324	328	493	435	428	338	1,010	201	167	135
16	540	200	311	333	459	404	627	333	698	193	203	129
17	380	200	306	326	490	475	465	323	504	182	164	126
18	332	200	313	315	463	530	435	324	419	184	157	136
19	312	200	292	311	433	456	498	321	365	188	156	136
20	299	210	360	307	410	436	456	305	332	181	167	126
21	294	208	372	312	404	408	428	326	309	171	190	121
22	288	196	349	314	400	404	416	569	292	171	173	118
23	281	191	343	1,030	395	404	409	369	281	168	155	117
24	252	231	323	935	445	1,010	404	333	290	170	164	168
25	242	1,250	794	960	913	965	505	315	282	357	214	142
26	239	487	781	475	568	1,270	835	309	265	413	204	121
27	239	359	812	418	496	976	1,910	306	255	289	160	118
28	240	334	555	402	462	722	660	307	259	486	171	112
29	250	307	465	381	-----	951	559	291	255	442	162	126
30	231	278	404	379	-----	879	509	281	282	324	141	187
31	229	-----	404	379	-----	706	-----	276	-----	241	138	-----
TOTAL MEAN	16,699	8,006	12,330	12,646	14,381	18,860	16,684	11,245	10,307	7,619	5,638	4,159
MAX	539	267	398	408	514	608	556	365	344	246	182	139
MIN	3,550	1,250	812	1,030	1,090	1,270	1,910	569	1,010	442	324	215
NTN	229	229	232	302	404	404	416	276	276	168	118	118
CFSM	3-52	1-74	2-60	2-67	3-36	3-98	3-63	2-37	2-25	1-61	1-23	91
IN.	4.06	1.95	3.00	2.67	3.50	4.58	4.06	2.73	2.51	1.85	1.37	1.01

AL YR 1964: TOTAL 197,986	MEAN 541	MAX 5,260	MIN 118	CFSM 2.54	IN 48.12
AT YR 1965: TOTAL 138,574	MEAN 380	MAX 3,550	MIN 112	CFSM 2.48	IN 33.68

APALACHICOLA RIVER BASIN

2-3344 Lake Sidney Lanier near Buford, Ga

Location --Lat 34°09'30", long 84°04'20", at forebay of dam on Chattahoochee River, 3 2 miles up-stream from bridge on State Highway 20, 4 5 miles northwest of Buford, Gwinnett County, and at mile 348 9

Drainage area --1,040 sq mi, approximately

Records available --January 1956 to September 1965

Gage --Water-stage recorder Datum of gage is at mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers)

Extremes.--Maximums and minimums (contents in acre-feet, elevation in feet) for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Contents	Elevation	Date	Contents	Elevation
1961	Apr 17, 1961	1,950,100	1,070 87	Jan 27, 28, 1961	1,588,900	1,060 83
1962	Apr 14, 16, 1962	1,995,400	1,072 03	Dec 8, 1961	1,672,800	1,063 28
1963	May 2, 3, 1963	2,072,000	1,073 96	Nov 23, 24, 1962	1,543,400	1,059 46
1964	Apr 14, 1964	2,205,300	1,077 20	Nov 28, 1963	1,725,600	1,064 79
1965	Mar 29, 1965	1,985,600	1,071 78	Sept 30, 1965	1,761,900	1,065 80

1956-65 Maximum contents, 2,205,300 acre-ft Apr 14, 1964 (elevation, 1,077 80 ft), minimum, after beginning operation, 1,543,400 acre-ft Nov 23, 24, 1962 (elevation, 1,059 46 ft)

Remarks --Lake is formed by a rolled-fill earth dam completed June 1957 Storage began in January 1956 Usable capacity, 1,686,000 acre-ft between elevations 1,035 and 1,085 ft Doad storage, 868,000 acre-ft Total capacity at top of flood pool at elevation 1,085 ft, 2,554,000 acre-ft Lake is used for flood control and power

Cooperation --Capacity table and gage-height record furnished by Corps of Engineers

MONTH-END ELEVATION AND CONTENTS AT 2400, WATER YEARS OCTOBER 1960 TO SEPTEMBER 1965

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)	Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Oct 31, 1960	1,065 24	1,741,700	+24,500	Oct 31, 1963	1,066 99	1,804,800	-63,400
Nov 30	1,062 89	1,659,200	-82,500	Nov 30	1,065 16	1,738,900	-65,900
Dec 31	1,061 50	1,611,700	-47,500	Dec 31	1,066 11	1,773,100	+34,200
Calendar year 1960	-	-	-175,400	Calendar year 1963	-	-	+199,000
Jan 31, 1961	1,060 87	1,590,300	-21,400	Jan 31, 1964	1,070 58	1,939,000	+165,900
Feb 28	1,068 64	1,865,900	+275,600	Feb 29	1,070 32	1,929,200	-9,800
Mar 31	1,070 10	1,920,800	+54,900	Mar 31	1,073 61	2,058,000	+128,800
Apr 30	1,069 99	1,916,600	-4,200	Apr 30	1,075 08	2,117,500	+59,500
May 31	1,069 97	1,915,900	-700	May 31	1,070 41	1,932,600	-184,700
June 30	1,070 56	1,938,500	+22,400	June 30	1,070 06	1,919,500	-13,500
July 31	1,069 66	1,904,100	-34,200	July 31	1,070 13	1,921,900	+2,600
Aug 31	1,068 26	1,851,800	-52,500	Aug 31	1,069 70	1,905,600	-16,500
Sept 30	1,066 97	1,804,100	-47,700	Sept 30	1,069 19	1,886,200	-19,400
Water year 1961	-	-	+86,900	Water year 1964	-	-	+18,100
Oct 31	1,064 75	1,724,200	-79,900	Oct 31	1,069 01	1,879,600	-6,800
Nov 30	1,063 35	1,675,200	-49,000	Nov 30	1,068 49	1,786,700	-92,900
Dec 31	1,069 54	1,899,500	+224,500	Dec 31	1,067 09	1,808,500	+21,800
Calendar year 1961	-	-	+287,800	Calendar year 1964	-	-	+35,400
Jan 31, 1962	1,068 56	1,862,900	-36,600	Jan 31, 1965	1,067 89	1,838,100	+29,600
Feb 28	1,071 09	1,959,700	+96,800	Feb 28	1,070 00	1,917,000	+78,900
Mar 31	1,070 87	1,950,100	-8,600	Mar 31	1,071 44	1,972,400	+55,400
Apr 30	1,071 16	1,961,400	+11,300	Apr 30	1,071 08	1,959,300	-14,100
May 31	1,070 93	1,952,500	-8,900	May 31	1,070 47	1,934,900	-23,400
June 30	1,069 86	1,911,700	-40,800	June 30	1,070 28	1,927,600	-7,500
July 31	1,069 52	1,898,900	-12,900	July 31	1,069 41	1,894,600	-35,000
Aug 31	1,067 53	1,824,800	-74,000	Aug 31	1,067 90	1,838,500	-56,100
Sept 30	1,065 76	1,760,500	-64,300	Sept 30	1,065 83	1,765,000	-75,500
Water year 1962	-	-	-43,600	Water year 1965	-	-	-123,200
Oct 31	1,063 62	1,684,700	-75,800				
Nov 30	1,059 60	1,548,000	-136,700				
Dec 31	1,060 39	1,574,100	+26,100				
Calendar year 1962	-	-	-325,400				
Jan 31, 1963	1,062 43	1,643,300	+69,200				
Feb 28	1,063 80	1,691,000	+47,700				
Mar 31	1,072 18	2,001,200	+310,200				
Apr 30	1,073 79	2,065,200	+64,000				
May 31	1,071 57	1,971,400	-93,800				
June 30	1,073 70	2,061,600	+90,200				
July 31	1,071 77	1,985,200	-76,400				
Aug 31	1,068 82	1,872,500	-112,700				
Sept 30	1,068 70	1,868,100	-4,400				
Water year 1963	-	-	+107,600				

2-3345 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

Records available --June to December 1901 (figures of daily discharge for the months August and December, published in WSP 197, are unreliable and should not be used), October 1941 to September 1965 Monthly discharge only for some periods, published in WSP 1304

Gage --Digital water-stage recorder Datum of gage is 905 20 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 June 24 to Dec 21, 1901, staff gage at site 1,000 ft downstream at different datum Jan 27, 1942, to Dec 3, 1944, staff gage and Dec 4, 1944, to Dec 31, 1947, graphic water-stage recorder at site 1,000 ft downstream at present datum Jan 1, 1948, to Oct 6, 1962, graphic water-stage recorder at present site and datum

Average discharge --24 years (1941-65), 2,098 cfs (adjusted for storage)

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum daily		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Aug 9, 11, 1961	9,760	15 8	Feb 27, 1961	338	-
1962	Apr 16, 1962	10,100	14 1	Dec 2, 1961	331	-
1963	Nov 21, 1962	11,400	15 2	Feb 9, 1963	389	-
1964	Apr 8, 1964	10,600	14 54	Jan 26, 1964	376	-
1965	Oct 16, 1964	9,990	13 99	May 29, 1965	455	-

1901, 1941-65 Maximum discharge, 55,000 cfs Jan 8, 1946 (gage height, 32 6 ft, from flood-mark), from rating curve extended above 13,000 cfs by logarithmic plotting, on basis of peak flows passing upstream and downstream stations, minimum daily, 262 cfs May 18, 1958

Maximum stage known since at least 1921, 32 6 ft Jan 8, 1946

Remarks --Records good except those below 1,000 cfs, which are fair Flow regulated by Lake Sidney Lanier beginning January 1956 (see station 2-3344)

Cooperation --Fourteen discharge measurements furnished by Corps of Engineers

Revisions --See Records available

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	438	2,120	3,670	1,140	1,160	1,170	540	4,760	1,830	2,950	2,980	1,800
2	389	2,120	3,670	2,150	1,170	1,220	500	5,010	1,850	1,410	2,980	449
3	724	2,120	576	2,150	1,170	1,220	3,400	5,000	488	3,000	2,980	629
4	727	2,120	1,160	2,130	383	530	3,400	5,000	432	3,110	2,970	1,630
5	746	462	3,750	2,090	1,080	1,140	5,200	5,030	2,480	3,120	485	1,560
6	728	1,120	3,800	2,110	1,350	980	5,200	748	2,470	3,160	971	1,560
7	660	1,990	3,830	440	1,390	938	5,200	522	2,460	3,300	2,440	1,570
8	395	1,950	3,560	1,090	1,390	1,030	520	1,700	2,460	669	2,480	1,570
9	404	1,950	3,560	2,180	1,400	919	480	1,730	2,510	449	5,500	438
10	1,380	1,950	554	2,220	1,380	889	3,000	1,700	439	4,090	5,790	1,090
11	1,400	1,950	1,190	2,160	442	460	4,800	1,840	418	4,180	5,770	3,140
12	1,410	515	2,220	2,160	1,030	1,070	4,800	1,770	2,250	4,200	792	4,070
13	1,380	1,110	2,220	2,160	1,350	5,210	4,700	540	2,240	4,200	1,120	3,000
14	1,380	3,640	2,220	478	1,190	4,150	4,700	505	2,250	4,200	3,290	3,080
15	392	3,640	2,220	1,190	1,360	4,120	520	3,440	2,030	558	3,110	3,070
16	1,010	3,640	2,220	2,220	1,360	4,120	480	3,540	2,060	488	3,110	476
17	1,740	3,640	497	2,230	1,370	4,100	5,600	3,540	435	3,930	3,090	1,050
18	1,080	3,640	1,150	2,230	478	559	5,800	3,540	407	3,920	3,070	3,410
19	1,670	532	2,370	2,240	1,090	1,120	5,800	3,530	2,120	3,920	470	1,190
20	1,700	1,140	2,370	2,240	1,600	4,010	5,800	540	2,120	3,920	1,090	3,250
21	1,700	3,600	2,370	453	2,930	4,050	5,800	470	2,290	3,900	4,290	3,260
22	480	3,600	2,380	1,160	1,400	4,100	560	2,060	2,320	505	4,290	3,280
23	1,120	3,780	2,380	2,010	1,670	4,100	512	2,070	3,050	470	4,240	481
24	1,990	3,780	498	2,030	1,820	4,100	4,770	2,050	3,120	2,470	4,290	1,080
25	1,960	3,780	1,180	2,040	1,510	640	4,950	2,110	1,460	2,420	4,290	1,840
26	1,940	557	1,470	1,940	550	1,200	5,000	2,110	2,980	2,420	679	1,740
27	1,960	1,210	1,480	1,990	338	3,400	5,150	505	3,180	2,420	470	1,960
28	1,960	3,760	1,480	458	868	3,400	5,070	463	3,170	2,420	1,810	1,960
29	498	3,760	1,480	1,130	-----	3,400	788	1,850	3,200	463	1,780	1,980
30	1,130	3,670	1,480	1,170	-----	3,400	495	1,860	3,190	446	1,790	449
31	2,120	-----	445	1,220	-----	3,400	-----	1,850	-----	2,980	1,780	-----
TOTAL	37,211	72,846	63,450	52,609	34,229	74,145	103,475	71,383	61,709	79,688	84,137	57,062
MEAN	1,200	2,428	2,047	1,697	1,222	2,392	3,449	2,303	2,057	2,571	2,714	1,902
MAX	2,120	3,780	3,830	2,240	2,930	5,210	5,800	5,030	3,200	4,200	5,790	3,410
MIN	389	462	445	440	338	460	480	463	407	446	470	438
(1)	+395	-1,386	-773	-348	+4,962	+893	-71	-11	+376	-556	-851	-802
MEAN*	1,598	1,042	1,274	1,349	6,184	3,285	3,378	2,292	2,433	2,015	1,863	1,100
CFS**	1 51	98	1 20	1 27	5 83	3 10	3 19	2 16	2 30	1 90	1 76	1 04
IN*	1 74	1 10	1 38	1 46	6 07	3 57	3 56	2 49	2 57	2 19	2 03	1 16

CAL YR 1960: TOTAL 897,954 MEAN 2,453 MAX 6,300 MIN 389 MEAN* 2,211 CFSM* 2 09 IN * 28 41
 WAT YR 1961: TOTAL 791,944 MEAN 2,170 MAX 5,800 MIN 338 MEAN* 2,290 CFSM* 2 16 IN * 29 32

+ Change in contents, equivalent in cubic feet per second, in Lake Sidney Lanier, furnished by Corps of Engineers

* Adjusted for change in contents in Lake Sidney Lanier

Note --No gage-height record Mar 22 to Apr 22

2-3345 Chattahoochee River near Buford, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,080	3,340	1,090	6,220	3,180	5,210	645	3,920	1,810	410	2,830	1,090
2	1,050	3,290	331	6,470	3,160	5,090	4,500	4,020	432	1,930	2,880	1,040
3	1,000	3,300	798	6,470	442	1,450	5,050	3,860	400	1,260	2,870	2,680
4	1,000	488	1,101	6,540	407	1,150	6,260	3,870	1,650	1,970	1,100	2,660
5	990	432	1,160	6,550	1,120	5,650	6,400	558	1,690	1,950	1,060	2,650
6	982	2,880	1,110	597	1,090	5,880	6,620	418	1,660	2,030	1,980	2,680
7	398	2,850	1,120	522	1,050	5,950	668	2,440	1,670	463	1,950	2,750
8	1,030	2,870	1,100	4,750	1,100	5,950	1,380	2,520	1,670	428	1,920	1,120
9	2,340	2,880	346	4,720	1,070	5,970	5,860	2,480	400	1,900	1,950	1,060
10	2,220	2,850	932	4,770	388	747	6,160	2,470	404	1,900	1,940	2,500
11	2,250	467	1,100	4,970	355	592	6,420	2,490	4,050	1,920	435	2,480
12	2,250	985	2,300	5,000	1,030	4,030	3,300	505	4,250	1,940	844	2,460
13	2,280	2,690	1,620	607	1,060	4,010	1,310	438	4,200	1,940	1,810	2,460
14	465	2,680	806	449	1,020	6,340	6,000	2,490	4,150	615	1,620	2,490
15	1,070	2,700	1,360	4,780	1,050	6,520	2,560	2,340	4,190	418	1,780	1,000
16	2,890	2,640	362	4,970	1,070	6,530	6,600	2,790	522	1,040	1,780	950
17	2,790	2,670	486	4,970	358	5,620	6,660	2,560	407	1,080	1,760	2,310
18	2,760	469	2,060	4,950	334	2,270	6,570	2,610	4,100	1,070	1,110	2,240
19	2,770	936	3,880	4,990	1,620	5,800	6,490	488	4,330	1,030	1,030	2,350
20	2,770	1,860	4,880	583	1,650	6,050	6,480	438	4,300	1,050	2,560	2,400
21	468	1,850	4,700	442	1,650	5,890	6,090	2,140	4,260	418	2,530	2,400
22	1,080	1,860	4,640	3,420	2,430	5,910	2,410	2,190	4,250	379	2,520	1,060
23	3,340	2,030	5,780	3,480	1,910	6,020	6,240	2,230	590	1,060	2,520	1,120
24	3,520	1,870	2,310	3,390	4,310	769	6,500	2,700	418	1,050	2,510	2,810
25	3,320	414	5,960	3,480	1,970	488	2,850	2,100	1,940	1,060	1,090	2,810
26	3,300	870	6,400	3,440	4,970	4,110	2,580	490	1,940	1,060	1,020	1,600
27	3,280	1,090	6,420	488	5,110	4,310	2,530	428	1,980	1,040	2,780	2,300
28	488	1,120	6,420	575	5,150	4,240	540	1,900	2,010	1,010	2,640	2,860
29	1,100	1,090	6,400	4,270	3,400	4,270	488	1,900	2,010	1,010	2,640	1,030
30	3,400	1,080	668	3,180	-----	4,410	3,770	1,870	428	2,890	2,610	914
31	3,330	-----	505	3,180	-----	903	-----	1,830	-----	2,710	2,670	-----
TOTAL	61,051	56,551	78,224	112,133	50,054	132,129	130,131	63,413	66,081	40,741	60,779	60,254
MEAN	1,969	1,885	2,523	3,617	1,788	4,262	4,338	2,046	2,203	1,314	1,961	2,008
MAX	3,520	3,340	6,480	6,550	5,150	6,530	6,660	4,020	4,330	2,880	2,880	2,860
MIN	398	414	331	442	334	408	434	400	438	379	418	914
(1)	-1,299	-823	+3,648	-595	+1,725	-140	+190	-145	-686	-210	-1,708	-1,081
MEAN#	670	1,062	6,171	3,022	3,513	4,127	4,578	1,901	1,517	1,104	753	927
CFSM#	63	1 00	5 82	2 85	3 31	3 89	4 27	1 79	1 43	1 04	1 72	88
IN #	73	1 12	6 71	3 29	3 45	4 48	4 76	2 06	1 60	1 20	82	98

CAL YR 1961 TOTAL 814,263 MEAN 2,531 MAX 6,480 MIN 331 MEAN# 2,630 CFM# 2 48 IN # 33 66
 WAT YR 1962 TOTAL 911,541 MEAN 2,497 MAX 6,660 MIN 331 MEAN# 2,437 CFM# 2 30 IN # 31 20

+ Change in contents, equivalent in cubic feet per second, in Lake Sidney Lanier, furnished by Corps of Engineers
 # Adjusted for change in contents in Lake Sidney Lanier

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,330	4,020	468	852	790	878	1,570	2,930	638	5,470	1,240	476
2	2,370	3,910	480	810	411	471	1,580	3,000	483	5,650	1,240	2,750
3	2,430	1,240	935	807	496	410	1,580	6,180	1,960	5,630	450	2,710
4	2,340	1,180	909	808	818	830	1,580	9,130	1,880	5,640	439	2,710
5	2,390	5,660	902	406	802	978	1,590	8,050	1,910	5,620	1,660	2,690
6	537	5,720	909	823	783	1,520	456	9,080	1,930	539	4,020	2,750
7	469	5,770	808	407	794	1,310	452	9,020	1,770	450	4,020	2,750
8	2,160	5,780	472	868	788	1,250	452	9,020	1,770	450	4,020	2,750
9	2,230	5,860	470	853	389	439	5,320	8,910	445	2,280	1,690	1,550
10	2,230	6,280	912	889	399	441	5,410	6,650	1,170	5,350	461	1,540
11	2,230	2,290	886	827	890	831	5,410	759	1,160	5,600	447	1,530
12	2,230	6,570	850	469	881	1,550	5,440	538	1,160	5,580	4790	1,530
13	839	2,160	840	437	925	1,510	618	1,330	1,190	515	4,940	1,550
14	470	5,730	830	816	885	1,300	505	1,330	1,210	440	4,920	504
15	1,820	6,940	430	868	899	1,280	2,380	3,760	442	5,070	4,920	520
16	1,850	6,910	450	858	415	479	2,430	3,830	445	4,570	4,540	1,080
17	1,840	1,240	800	860	430	472	2,430	3,850	1,540	4,680	599	1,080
18	1,840	1,030	961	886	903	844	2,430	480	1,530	5,180	598	1,080
19	1,820	5,920	844	520	896	813	2,410	497	2,190	3,060	4,890	1,070
20	514	6,030	840	550	873	820	546	2,210	3,280	464	5,010	1,070
21	765	6,520	839	867	861	805	488	2,150	1,820	501	5,040	493
22	2,000	6,250	414	808	855	807	4,610	2,140	591	5,030	5,030	488
23	2,050	6,080	438	801	394	419	4,590	2,130	529	5,240	4,570	1,320
24	2,040	606	845	790	411	427	4,620	2,130	1,890	5,280	638	1,340
25	2,060	568	898	800	847	835	4,630	434	1,870	1,330	480	1,320
26	2,050	1,060	858	434	858	836	4,640	478	2,070	486	4,140	1,330
27	1,270	960	823	404	860	791	517	1,570	2,070	461	4,230	1,320
28	1,230	947	829	822	896	425	585	1,570	1,910	454	4,200	675
29	3,930	947	475	783	-----	1,400	3,640	1,460	3,710	1,240	4,220	538
30	4,020	934	446	781	-----	1,400	1,450	5,900	1,800	1,250	4,210	3,090
31	4,030	-----	866	794	-----	431	-----	6,160	-----	1,250	588	-----
TOTAL	60,084	115,112	22,825	22,698	20,409	25,842	79,217	117,116	45,215	96,700	87,580	41,049
MEAN	1,938	3,837	736	728	729	834	2,641	3,778	1,507	3,119	2,825	1,368
MAX	4,030	6,940	961	889	925	1,550	5,440	9,130	3,710	5,650	5,040	3,090
MIN	469	568	414	404	389	410	452	434	432	440	439	463
(1)	-1,233	-2,297	+424	+1,125	+859	+5,045	+1,407	-1,428	-1,415	-1,242	-1,833	-74
MEAN#	705	1,540	1,160	1,857	1,588	5,879	3,717	2,350	2,922	1,877	992	1,294
CFSM#	67	1 45	1 09	1 75	1 50	5 55	3 51	2 22	2 76	1 77	94	1 22
IN #	77	1 62	1 26	2 02	1 56	6 40	3 92	2 56	3 08	2 04	1 08	1 36

CAL YR 1962 TOTAL 913,736 MEAN 2,503 MAX 6,940 MIN 334 MEAN# 2,054 CFM# 1 94 IN # 26 31
 WAT YR 1963 TOTAL 733,847 MEAN 2,011 MAX 9,130 MIN 389 MEAN# 2,160 CFM# 2 04 IN # 27 69

+ Change in contents, equivalent in cubic feet per second, in Lake Sidney Lanier, furnished by Corps of Engineers
 # Adjusted for change in contents in Lake Sidney Lanier

2-3345 Chattahoochee River near Buford, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,120	2,660	540	553	439	571	8,720	8,950	3,140	1,990	505	3,080
2	3,100	472	1,510	1,720	474	2,700	8,770	6,750	3,090	1,990	515	1,630
3	3,100	463	1,470	1,690	4,330	2,730	8,790	3,780	3,070	1,980	2,520	1,550
4	3,100	2,900	1,470	521	4,400	2,500	9,210	6,770	3,070	488	2,510	1,520
5	480	2,870	1,470	510	4,430	2,080	9,140	8,240	3,030	482	2,510	527
6	500	2,860	1,460	1,060	4,510	1,910	5,430	8,690	528	1,570	2,500	477
7	1,220	2,860	496	1,130	4,410	2,550	538	8,720	562	1,550	2,490	519
8	1,260	2,630	519	1,130	564	563	601	8,690	3,040	1,550	513	1,730
9	1,270	944	1,410	1,280	493	4,860	2,330	8,970	3,020	1,540	546	1,720
10	1,260	736	1,390	1,170	4,370	5,000	3,820	8,510	3,020	1,550	1,870	1,730
11	1,260	2,680	1,520	728	4,440	4,960	7,850	8,960	3,030	468	1,850	1,750
12	833	2,630	1,570	535	4,430	4,960	7,930	9,180	3,000	488	2,270	537
13	798	2,660	1,460	1,120	4,470	4,960	3,360	9,530	546	1,580	2,320	531
14	1,550	2,880	584	1,120	4,460	659	4,460	9,210	542	1,550	1,680	1,650
15	1,520	2,970	547	1,110	596	907	8,120	9,280	2,070	1,560	508	1,620
16	1,530	469	1,020	1,110	553	5,180	8,580	8,900	2,050	1,650	537	1,610
17	1,820	454	987	1,110	2,940	5,270	8,620	813	2,050	1,560	1,640	1,610
18	1,840	2,980	983	512	2,990	5,930	8,430	6,290	2,070	468	1,610	1,630
19	796	2,890	978	483	2,910	6,010	8,070	9,710	2,040	475	1,610	510
20	794	2,880	975	2,280	2,870	5,990	8,430	9,340	510	1,570	1,620	517
21	1,700	2,860	498	2,500	3,140	5,710	8,410	9,290	510	1,550	1,610	1,500
22	1,700	2,900	503	2,500	574	6,620	8,480	9,200	1,980	1,560	513	1,490
23	1,710	490	1,410	2,860	573	7,530	8,420	860	1,910	1,560	513	1,490
24	1,710	466	1,390	3,310	4,460	7,240	8,360	619	1,930	4,290	1,620	1,490
25	1,670	2,940	475	1,150	4,460	5,450	6,290	5,790	1,940	534	1,620	1,490
26	400	2,900	1,410	376	4,470	1,320	8,320	6,070	1,940	522	1,600	509
27	460	2,920	1,370	2,990	4,470	2,200	5,000	6,110	484	3,240	1,600	520
28	2,650	2,900	511	2,910	4,520	6,650	7,460	6,170	499	3,220	1,610	1,490
29	2,650	2,980	497	2,900	554	8,060	8,900	6,050	2,000	3,230	511	1,510
30	2,660	568	1,690	2,900	-----	8,200	8,970	741	2,000	3,220	487	1,520
31	2,630	-----	1,690	2,900	-----	8,000	-----	591	-----	3,220	3,210	-----
TOTAL	51,091	64,832	33,803	48,168	86,300	137,270	209,889	210,774	58,671	52,205	47,048	39,452
MEAN	1,648	2,161	1,090	1,554	2,976	4,428	6,996	6,799	1,956	1,684	1,518	1,315
MAX	3,120	2,980	1,690	3,310	4,520	8,200	9,210	9,710	3,140	4,290	3,210	3,080
MIN	400	454	475	376	474	563	338	591	484	468	487	477
(+)	-1,07	-1,07	+556	+2,097	-170	+2,097	+997	-3,006	-224	+42	-265	-326
MEAN*	619	1,054	1,646	4,252	2,806	6,523	7,993	3,795	1,732	1,726	1,253	989
CFSM*	58	99	1 55	4 01	2 65	6 15	7 54	3 58	1 63	1 63	1 18	93
IN #	67	1 11	1 79	4 62	2 86	7 09	8 41	4 13	1 82	1 88	1 36	1 04
CAL YR 1963	TOTAL	685,552	MEAN	1,878	MAX	9,130	MIN	389	MEAN*	2,152	CFSM* 2 03	IN # 27 59
MAT YR 1964	TOTAL	1,039,503	MEAN	2,840	MAX	9,710	MIN	376	MEAN*	2,865	CFSM* 2 70	IN # 36 78

* Change in contents, equivalent in cubic feet per second, in Lake Sidney Lanier, furnished by Corps of Engineers

† Adjusted for change in contents in Lake Sidney Lanier

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,500	2,376	1,470	2,660	1,460	1,360	8,550	555	1,410	1,400	503	1,360
2	1,480	2,520	1,470	1,500	1,370	1,370	8,500	511	1,410	1,390	1,990	1,350
3	516	2,510	1,480	547	1,510	1,360	928	4,550	1,420	530	1,990	1,510
4	541	2,500	1,780	2,110	1,500	1,330	653	4,640	1,410	520	1,980	604
5	1,570	2,490	600	2,100	1,500	1,350	5,360	4,630	504	510	2,000	624
6	1,620	2,500	575	2,110	501	490	5,720	4,640	526	2,540	1,990	612
7	1,680	569	2,010	2,168	551	477	5,790	4,650	2,310	2,570	526	4,470
8	1,660	562	2,020	2,100	1,490	2,530	2,820	590	2,320	2,580	505	4,600
9	1,510	4,790	1,980	536	1,450	2,580	2,690	515	2,320	2,570	1,380	4,600
10	520	4,780	3,030	540	1,470	2,590	639	2,850	2,260	546	1,370	4,620
11	515	4,790	6,080	2,180	1,470	2,590	611	2,910	2,260	519	1,400	635
12	2,660	4,800	688	2,160	1,550	2,620	2,570	2,910	633	1,520	1,410	561
13	2,690	4,810	562	2,160	515	572	2,520	2,900	561	1,530	1,410	2,080
14	2,690	659	2,090	2,150	508	548	2,520	2,900	2,100	1,530	551	1,920
15	2,720	564	2,080	2,170	1,460	2,400	2,500	547	2,150	1,520	543	1,930
16	5,770	4,690	2,080	514	1,450	2,410	2,510	504	2,110	1,530	2,090	1,930
17	725	4,690	2,090	516	1,470	2,510	612	2,080	2,080	526	2,080	1,930
18	549	4,770	2,090	1,410	1,570	2,460	593	2,040	2,070	504	2,090	596
19	3,460	4,740	520	1,420	1,660	2,410	2,280	2,040	529	2,510	2,080	566
20	3,440	4,770	557	1,400	491	576	2,300	2,060	531	2,570	2,090	1,570
21	3,450	595	2,140	1,410	492	552	2,870	2,080	2,640	2,560	532	1,590
22	3,450	579	2,120	1,390	1,410	3,910	2,910	512	2,650	2,570	550	1,590
23	3,450	4,420	2,120	639	1,410	3,960	2,830	492	2,660	2,580	2,210	1,590
24	552	4,470	2,640	579	1,460	3,790	611	1,450	4,100	543	2,150	1,590
25	543	4,570	2,170	1,490	1,440	4,090	593	1,440	5,670	519	2,170	655
26	2,850	598	673	1,480	1,420	4,260	2,040	1,400	824	1,860	2,170	633
27	5,370	493	591	1,480	507	5,440	3,820	1,420	549	1,850	2,170	1,680
28	5,460	589	2,790	1,480	484	1,820	1,420	1,400	1,920	1,800	2,170	1,680
29	5,490	574	2,790	1,470	-----	5,520	4,630	455	1,400	1,880	620	1,700
30	5,540	1,480	2,770	503	-----	5,770	4,650	471	1,410	1,900	1,360	1,710
31	591	-----	2,750	506	-----	5,820	-----	1,400	-----	512	1,350	-----
TOTAL	74,562	85,385	58,406	43,887	33,662	79,465	90,240	61,262	54,237	48,129	45,852	52,348
MEAN	2,405	2,884	1,884	1,416	1,085	2,565	2,910	1,976	1,768	1,538	1,352	1,666
MAX	5,770	4,810	6,080	2,660	1,660	5,820	9,210	9,710	5,670	4,290	3,210	3,080
MIN	515	562	520	503	484	477	593	455	504	504	503	561
(+)	-107	-1,561	+355	+481	+1,421	+901	-237	-381	-123	-537	-912	-1,269
MEAN*	2,298	1,285	2,239	1,897	2,623	3,464	2,771	1,605	1,685	1,016	567	476
CFSM*	2 17	1 21	2 11	1 79	2 47	3 27	2 61	1 51	1 59	96	54	45
IN #	2 50	1 35	2 43	2 06	2 57	3 77	2 91	1 74	1 77	1 10	62	50
CAL YR 1964	TOTAL	1,108,130	MEAN	3,028	MAX	9,710	MIN	376	MEAN*	3,077	CFSM* 2 90	IN # 39 49
MAT YR 1965	TOTAL	727,750	MEAN	1,994	MAX	8,550	MIN	355	MEAN*	1,824	CFSM* 1 72	IN # 23 32

* Change in contents, equivalent in cubic feet per second, in Lake Sidney Lanier, furnished by Corps of Engineers

† Adjusted for change in contents in Lake Sidney Lanier

2-3350 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, 1 1/2 miles upstream from John Creek, 4 1/2 miles north of Norcross, Gwinnett County, 6 1/2 miles downstream from Suwanee Creek, 18 miles downstream from Buford Dam, and at mile 330.8

Drainage area --1,170 sq mi, approximately

Records available --October 1902 to September 1946, October 1956 to September 1965 Monthly discharge only for some periods, published in WSP 1304 Gage-height records collected at same site 1910-33 and since 1945 are contained in reports of U S Weather Bureau

Gage --Water-stage recorder Datum of gage is 878 14 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) Prior to July 13, 1955, chain and wire-weight gage at site 500 ft downstream at same datum July 14, 1955, to Mar 11, 1957, wire-weight gage at present site and datum

Average discharge --53 years, 2,266 cfs (unadjusted)

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 21, 1961	8,950	10 58	Oct 2, 1960	557	-
1962	Apr 12, 1962	9,500	11 00	July 22, 1962	512	-
1963	Nov 22, 1962	11,000	12 05	June 16, 1963	507	-
1964	Apr 5, 1964	13,200	13 10	Sept 8, 1964	529	-
1965	Apr 2, 1965	9,760	10 84	Aug 15, 1965	580	-

1902-46, 1956-65 Maximum discharge, 55,000 cfs Jan 8, 1946 (gage height, 27 7 ft), from rating curve extended above 36,000 cfs on basis of computation of peak flow over Morgan Falls Dam, minimum observed, 132 cfs Aug 25, 1925
Maximum stage known since at least 1896, 27 7 ft Jan 8, 1946

Remarks --Records good Flow regulated by Lake Sidney Lanier beginning January 1956 (see station 2-3344)

Cooperation --Gage-height record, 95 discharge measurements and computation of daily discharge furnished by Corps of Engineers, records reviewed by Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	1,520	2,210	3,990	683	1,270	1,280	2,400	3,300	1,930	3,110	1,840
2	557	2,160	3,980	2,140	1,300	1,290	862	5,160	1,920	2,610	750
3	638	2,140	1,850	2,250	1,300	1,320	2,310	5,030	1,030	2,090	713
4	829	2,140	806	2,240	898	1,060	3,490	3,050	570	3,290	1,470
5	848	1,320	3,210	2,250	821	893	4,250	5,060	2,080	3,270	1,750
6	867	607	3,940	2,240	1,500	1,220	5,280	2,360	2,600	3,260	727
7	823	1,980	3,930	1,380	1,520	1,260	5,220	2,640	3,320	1,850	1,610
8	756	2,150	4,000	594	1,560	1,600	2,760	1,430	2,610	2,020	1,640
9	782	2,200	4,050	2,150	1,520	1,320	803	1,900	2,640	628	3,980
10	902	2,220	1,990	2,330	1,520	1,100	2,720	1,910	1,130	2,870	709
11	1,550	2,190	749	2,270	908	854	4,150	2,260	599	4,130	5,700
12	1,540	1,320	2,200	2,320	776	875	5,570	2,060	2,080	4,280	3,050
13	1,560	659	2,370	2,280	1,360	3,950	5,500	1,180	2,400	4,430	806
14	1,530	3,240	2,350	1,450	1,340	4,640	5,100	688	2,400	4,390	3,090
15	1,260	3,840	2,290	905	1,470	4,310	2,510	2,650	2,120	2,060	3,170
16	600	3,840	2,280	2,000	1,500	4,320	934	3,640	2,340	782	1,510
17	1,700	3,830	1,470	2,320	1,460	4,240	3,520	3,670	1,060	3,070	3,080
18	1,730	3,840	604	2,280	1,070	1,920	6,040	3,670	594	4,050	2,640
19	1,720	1,660	2,160	2,330	1,280	982	5,990	3,660	1,650	3,960	3,210
20	1,830	597	2,470	2,400	2,070	3,280	5,920	1,570	1,900	4,000	792
21	1,760	3,370	2,500	1,300	6,590	4,300	5,970	643	2,890	3,970	3,350
22	2,190	3,960	2,500	916	3,050	4,280	3,150	1,660	2,810	1,520	4,190
23	608	3,970	2,460	1,820	2,500	4,250	704	2,260	2,930	653	4,220
24	1,750	4,010	1,610	2,190	2,550	4,250	3,130	2,160	3,290	2,090	4,450
25	1,960	3,980	1,250	2,160	6,080	1,920	5,010	2,240	2,670	2,570	4,590
26	1,960	1,720	851	2,060	2,400	920	5,120	2,420	2,300	2,560	2,390
27	1,960	606	1,760	2,080	751	2,750	5,510	1,200	3,440	2,630	714
28	1,970	3,250	1,520	1,270	814	3,510	5,240	628	3,360	2,550	1,680
29	1,360	3,890	1,550	901	-----	3,510	2,510	1,480	3,340	1,080	1,840
30	631	3,950	1,560	1,250	-----	3,460	734	1,940	3,290	604	1,800
31	1,970	-----	1,160	1,270	-----	4,350	-----	1,950	-----	1,960	-----
TOTAL	40,661	76,849	69,210	56,029	51,178	79,214	112,407	75,517	66,613	83,847	58,404
MEAN	1,312	2,562	2,233	1,807	1,628	2,555	3,747	2,436	2,220	2,705	1,947
MAX	1,970	4,010	4,050	2,400	6,590	4,640	6,040	5,160	3,440	4,430	5,760
MIN	557	597	604	594	751	854	704	628	570	604	702
CAL YR 1960: TOTAL	978,745										
MEAN	2,674										
MAX	6,790										
MIN	546										
WAT YR 1961: TOTAL	857,748										
MEAN	2,470										
MAX	6,590										
MIN	557										
CFSM# 2 08											
CFSM# 2 11											
IN# 28 31											
IN# 28 64											

* Adjusted for change in contents in Lake Sidney Lanier

APALACHICOLA RIVER BASIN

27

2-3350 Chattahoochee River near Norcross, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	763	3,440	1,250	4,420	3,340	5,470	1,700	4,070	1,930	524	3,020	1,520
2	1,190	3,440	766	6,480	3,300	5,410	3,440	4,150	1,090	1,670	3,040	968
3	1,060	3,460	552	6,510	1,350	3,390	4,850	4,080	542	2,030	3,080	2,460
4	1,060	1,780	1,180	6,520	663	1,540	6,020	4,080	1,420	2,040	1,520	2,720
5	1,050	566	1,270	6,540	936	4,080	6,530	2,000	1,900	2,040	1,180	2,720
6	1,050	1,710	1,280	3,400	1,280	6,010	6,600	668	1,800	2,400	2,170	2,720
7	835	2,990	1,280	729	1,220	6,050	3,720	1,740	1,800	1,060	2,080	2,780
8	592	2,990	1,260	3,260	1,220	6,040	1,500	2,660	1,800	580	2,060	1,660
9	1,930	2,990	981	4,960	1,230	6,120	4,080	2,630	896	1,710	2,060	1,010
10	2,350	2,990	835	4,950	954	3,020	6,320	2,640	552	2,040	2,040	2,430
11	2,360	1,870	1,660	5,010	590	1,090	6,520	2,630	2,520	2,100	777	2,550
12	2,350	594	5,640	5,020	826	3,820	6,110	1,640	4,240	2,150	520	2,530
13	2,350	2,080	3,720	2,330	1,210	4,420	2,390	614	4,390	2,090	2,130	2,540
14	1,600	2,810	1,620	668	1,180	5,290	4,330	1,950	4,200	1,030	1,870	2,580
15	888	2,840	1,560	3,320	1,180	6,640	4,550	2,720	4,200	607	1,940	1,340
16	2,280	2,840	1,150	5,050	1,240	6,600	4,830	2,840	2,240	986	1,920	1,080
17	2,850	2,840	774	4,990	961	6,050	6,730	2,950	556	1,210	1,900	2,330
18	2,860	1,710	3,670	4,990	594	3,740	6,560	2,710	2,530	1,200	1,430	2,420
19	2,860	599	4,360	5,120	1,460	4,640	6,510	1,650	4,290	1,160	2,630	2,590
20	2,080	1,310	5,160	2,330	1,880	6,000	6,490	590	4,320	1,150	2,570	2,530
21	1,710	2,040	5,000	755	1,990	6,080	6,110	1,540	4,320	732	2,570	2,520
22	686	2,040	4,910	2,380	4,190	6,050	4,270	2,310	4,320	512	2,720	1,130
23	2,500	2,530	5,620	3,550	3,700	6,040	4,510	2,310	2,370	1,090	2,700	1,080
24	3,530	1,740	3,630	3,550	4,550	2,960	6,440	2,310	552	1,210	2,670	2,720
25	3,520	1,530	4,930	3,570	3,260	719	4,700	2,230	1,760	1,250	1,670	2,980
26	3,430	609	6,440	3,570	4,440	3,020	2,810	1,380	2,090	1,270	886	2,980
27	3,410	1,380	6,550	1,770	5,490	4,480	2,740	556	2,090	1,230	2,620	2,520
28	1,840	1,250	6,580	1,140	5,460	4,460	1,510	1,430	2,090	886	2,800	2,970
29	696	1,250	6,640	2,760	-----	4,380	1,816	1,930	2,090	1,150	2,170	1,750
30	2,820	1,250	3,420	3,420	-----	4,410	2,840	1,930	887	2,610	2,780	777
31	3,440	-----	646	3,360	-----	2,960	-----	1,930	-----	2,970	2,760	-----
TOTAL	62,540	61,668	94,534	116,452	59,694	140,979	136,524	68,458	69,785	44,687	65,088	64,905
MEAN	2,017	2,056	3,049	3,757	2,132	4,548	4,551	2,208	2,326	1,442	2,133	2,164
MAX	3,530	3,460	6,640	6,540	5,490	6,640	6,730	4,550	4,390	2,970	3,080	2,980
MIN	592	566	552	668	590	719	814	556	542	512	520	777

CAL YR 1961: TOTAL 889,770 MEAN 2,438 MAX 6,640 MIN 512 MEAN* 2,837 CFSM* 2 42 IN* 32 85

WAT YR 1962: TOTAL 985,314 MEAN 2,699 MAX 6,730 MIN 512 MEAN* 2,639 CFSM* 2 26 IN* 30 68

* Adjusted for change in contents in Lake Sidney Lanier

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,150	4,180	821	1,040	1,070	1,120	1,330	3,380	3,210	3,770	1,430	561
2	2,540	4,160	832	1,120	885	1,040	1,040	4,420	5,930	1,430	1,430	1,620
3	2,940	2,270	857	1,020	973	668	1,880	4,940	1,760	5,890	686	2,780
4	2,780	1,070	1,080	1,040	1,060	849	1,860	9,050	1,960	5,850	533	2,780
5	2,610	4,320	1,080	790	1,140	923	1,860	8,320	2,010	5,870	1,390	2,780
6	1,470	5,780	1,100	628	1,100	3,710	1,190	9,270	2,020	2,840	3,010	2,850
7	566	5,900	1,090	818	1,080	2,530	693	9,120	2,020	658	2,940	1,740
8	1,350	5,860	840	1,080	1,060	1,720	3,570	9,120	792	2,020	1,890	547
9	2,390	5,990	628	1,050	809	1,010	5,620	9,120	520	2,570	1,870	1,210
10	2,380	6,070	844	1,080	653	724	5,620	6,760	1,150	4,070	971	1,650
11	2,380	3,930	1,070	1,080	910	852	5,640	3,670	1,250	5,790	512	1,640
12	2,380	5,040	1,050	1,270	1,230	1,970	5,640	604	1,240	5,850	2,690	1,630
13	1,570	4,750	1,030	835	1,200	3,970	2,620	1,080	1,240	2,870	4,960	1,660
14	561	3,330	1,040	929	1,160	2,280	618	1,640	1,290	609	4,990	991
15	1,180	6,820	977	1,120	1,130	1,750	1,750	2,920	650	3,100	4,940	614
16	2,020	6,950	856	1,110	881	1,270	2,670	3,990	507	5,380	4,940	1,070
17	2,000	3,600	1,010	1,110	638	750	2,660	4,000	1,550	5,390	2,740	1,200
18	2,000	1,060	1,140	1,400	854	916	2,660	1,890	1,740	5,410	561	1,190
19	2,020	4,140	1,020	1,100	1,350	1,060	2,590	557	1,920	5,410	2,740	1,190
20	1,390	6,070	999	1,330	1,280	1,170	1,510	1,500	3,920	2,890	4,990	1,180
21	566	6,940	1,000	1,320	1,180	1,070	585	2,300	3,290	714	5,030	708
22	1,650	7,830	811	1,190	1,150	1,030	2,650	2,320	1,900	3,090	5,060	561
23	2,270	6,640	643	1,140	905	850	4,690	2,220	1,040	5,340	5,010	1,030
24	2,250	2,740	843	1,120	663	653	4,700	2,250	1,920	5,420	2,870	1,470
25	2,300	777	1,220	1,080	830	949	4,750	1,300	2,170	3,570	557	1,460
26	2,290	969	1,380	876	1,090	1,090	4,750	547	2,340	663	2,330	1,450
27	1,780	1,250	1,110	704	1,100	827	2,630	1,920	3,520	580	4,310	1,450
28	1,140	1,130	1,080	878	1,080	975	678	2,190	2,800	561	4,290	1,260
29	3,090	1,110	976	1,050	-----	1,440	3,926	1,960	5,610	1,290	4,300	1,080
30	4,180	1,100	796	1,070	-----	1,230	6,750	3,990	2,940	1,420	4,300	2,080
31	4,200	-----	978	1,100	-----	643	-----	6,200	-----	1,420	2,520	-----
TOTAL	64,393	121,776	30,085	32,478	28,441	41,039	89,964	121,148	56,259	106,235	90,790	43,432
MEAN	2,077	4,059	970	1,048	1,016	1,324	2,999	3,908	1,875	3,427	2,929	1,468
MAX	4,200	7,830	1,380	1,400	1,350	3,970	6,750	9,270	5,610	5,390	5,060	2,850
MIN	561	777	628	628	638	643	585	547	507	561	512	547

CAL YR 1962: TOTAL 982,824 MEAN 2,493 MAX 7,830 MIN 512 MEAN* 2,244 CFSM* 1 92 IN* 26 06

WAT YR 1963: TOTAL 826,840 MEAN 2,263 MAX 6,270 MIN 507 MEAN* 2,412 CFSM* 2 06 IN* 27 96

* Adjusted for change in contents in Lake Sidney Lanier

2-3350 Chattahoochee River near Norcross, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,240	2,810	703	1,790	1,810	782	8,980	9,720	2,090	2,250	1,420	3,330
2	2,390	1,900	1,260	1,580	771	4,060	9,240	9,480	3,530	2,250	599	2,800
3	3,230	509	1,870	2,090	3,060	7,000	9,940	6,040	3,530	2,250	2,310	1,830
4	3,230	2,050	1,810	1,430	4,830	6,400	9,610	7,090	3,530	1,040	2,860	1,780
5	1,770	3,160	1,820	745	4,890	3,630	10,100	9,100	3,530	604	2,860	910
6	599	3,180	1,820	895	5,380	2,410	11,200	9,220	1,780	1,500	2,840	529
7	751	3,130	1,200	1,510	4,990	2,580	4,180	9,430	678	1,820	2,840	561
8	1,360	2,940	653	1,450	2,590	1,920	1,950	9,400	2,210	1,840	1,050	1,300
9	1,360	1,710	791	2,330	803	3,480	2,160	9,480	3,380	1,860	590	2,120
10	1,360	1,110	1,570	1,920	3,120	5,510	4,060	9,520	3,380	1,850	1,790	2,120
11	1,360	2,080	1,950	1,500	4,940	3,480	7,870	9,200	3,380	922	2,170	2,130
12	1,430	2,900	2,490	890	4,900	5,410	8,920	9,780	3,340	628	2,520	1,490
13	873	2,880	2,000	1,270	5,010	5,410	5,860	10,200	1,990	1,560	2,590	648
14	863	3,130	1,960	1,470	5,110	2,770	3,420	9,920	668	1,840	2,100	1,360
15	1,540	3,380	972	1,420	2,630	2,490	8,730	9,850	1,750	1,810	854	2,020
16	1,420	1,990	832	1,390	989	4,440	9,220	9,850	2,420	2,300	653	2,000
17	1,970	604	1,290	1,390	2,320	5,940	3,620	3,420	2,420	1,920	1,790	2,000
18	2,020	2,140	1,270	1,030	3,830	6,130	9,340	3,840	2,420	856	1,860	2,000
19	1,660	3,130	1,240	678	3,740	6,440	9,100	10,000	2,420	653	1,840	1,270
20	900	3,140	1,220	2,170	3,460	6,440	8,990	9,960	1,250	1,660	1,840	609
21	1,040	3,160	1,180	3,280	3,510	6,100	9,190	9,880	599	1,960	1,840	1,270
22	1,790	3,180	653	3,300	1,980	7,080	9,190	9,850	1,780	2,060	742	1,860
23	1,790	1,760	1,220	3,290	814	7,990	9,200	4,050	2,220	1,970	653	1,840
24	1,810	643	1,780	4,020	3,220	7,800	9,200	782	2,220	3,440	1,690	1,840
25	1,830	2,160	1,200	6,640	4,920	8,650	6,940	3,730	2,210	2,060	1,920	1,830
26	1,440	3,240	1,200	1,790	4,940	5,260	9,590	6,000	2,210	614	1,890	1,180
27	580	3,440	1,740	2,510	4,960	2,650	8,010	6,430	958	2,730	1,890	590
28	1,460	3,500	1,220	3,390	5,010	5,930	7,560	6,610	594	3,610	1,890	1,190
29	2,790	3,500	648	3,330	2,340	8,690	10,200	6,300	1,840	3,630	854	1,910
30	2,838	1,870	1,310	3,310	-----	8,630	9,880	3,730	2,250	3,670	575	2,080
31	2,800	-----	1,980	3,310	-----	8,350	-----	729	-----	3,610	2,550	-----
TOTAL	54,526	74,026	42,852	67,130	100,867	166,232	241,270	232,791	66,577	60,747	53,870	48,397
MEAN	1,759	2,468	1,382	2,166	3,478	5,362	8,042	7,509	2,219	1,960	1,738	1,613
MAX	3,240	3,500	2,490	6,640	5,380	8,690	11,200	10,200	3,530	3,650	2,860	3,330
MIN	580	604	648	678	771	782	1,950	729	594	604	575	529

CAL YR 1963: TOTAL 781,190 MEAN 3,140 MAX 9,270 MIN 507
 MAY YR 1964: TOTAL 1,209,293 MEAN 3,504 MAX 11,200 MIN 529

MEAN# 2,415 CFSM# 2 06 IN# 27 96
 MEAN# 3,329 CFSM# 2 85 IN# 38 79

* Adjusted for change in contents in Lake Sidney Lanier

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,930	618	1,790	3,310	1,260	1,550	9,460	2,430	1,880	1,920	614	1,750
2	1,900	2,190	1,790	1,700	2,000	1,880	9,520	709	1,880	1,900	1,900	1,840
3	1,300	2,990	1,770	761	1,940	1,880	3,230	3,290	1,880	1,180	2,500	1,770
4	688	2,990	2,890	1,760	1,960	1,940	967	1,880	3,678	2,500	1,080	701
5	1,600	2,960	1,540	2,620	1,940	1,910	4,260	5,290	1,000	663	2,500	688
6	2,070	2,990	803	2,650	1,310	1,010	6,500	5,290	658	2,330	2,500	688
7	2,120	1,420	1,760	2,650	1,020	745	6,470	5,290	3,390	3,250	1,240	3,420
8	2,090	548	2,590	2,650	1,520	2,810	2,650	3,400	3,250	3,250	504	5,180
9	2,000	3,590	2,530	1,810	2,020	3,220	3,560	756	2,940	3,250	1,470	5,200
10	1,340	5,310	2,750	714	2,010	3,220	1,870	2,170	2,830	1,530	1,580	5,200
11	614	5,310	5,970	2,030	1,970	3,190	782	3,680	3,020	663	1,580	2,460
12	2,180	5,310	3,080	2,770	2,250	3,360	2,480	3,680	2,070	1,560	1,580	614
13	3,130	5,310	719	2,750	1,500	1,820	3,380	3,680	1,140	1,990	1,580	1,940
14	3,140	2,390	1,620	2,770	814	766	3,340	3,680	2,080	1,990	939	2,450
15	3,210	643	2,590	2,750	1,380	2,030	3,300	2,270	2,910	2,010	580	2,340
16	5,050	3,430	2,590	1,420	1,950	3,030	3,340	704	2,970	2,020	1,950	2,340
17	3,340	5,210	2,590	668	2,050	3,340	1,800	1,930	2,750	1,100	2,510	2,340
18	693	5,250	2,600	1,220	2,130	3,960	745	2,690	2,680	628	2,520	1,130
19	2,800	5,300	1,740	1,810	2,260	3,300	2,020	2,690	1,340	2,210	2,510	638
20	4,000	5,290	740	1,810	1,480	1,890	2,880	2,690	714	3,310	2,510	1,390
21	4,010	2,480	1,700	1,810	693	798	3,260	2,790	2,160	3,310	1,130	1,960
22	3,990	648	2,620	1,810	1,260	3,390	3,590	1,960	3,390	3,310	580	1,960
23	4,010	3,220	2,620	1,730	1,850	4,650	3,550	824	3,390	3,310	2,010	1,950
24	1,810	4,960	2,930	1,440	1,900	5,360	1,860	1,550	3,820	1,580	2,610	1,960
25	663	5,940	2,980	1,470	2,070	5,250	755	2,020	6,160	628	2,630	1,160
26	2,130	2,490	2,340	2,000	1,920	5,410	1,610	2,020	3,170	1,950	2,680	704
27	4,920	2,330	1,800	1,950	1,350	6,200	4,140	2,020	4,698	2,300	2,650	1,620
28	5,940	2,330	2,500	1,920	704	3,860	5,230	2,020	1,440	2,370	1,210	2,090
29	5,920	698	3,470	1,920	-----	5,000	5,390	1,160	1,950	2,470	677	2,090
30	5,970	1,400	3,430	1,290	-----	6,640	5,390	673	1,930	2,350	1,350	2,120
31	2,650	-----	3,390	729	-----	6,640	-----	1,550	-----	1,030	1,740	-----
TOTAL	87,208	96,245	74,232	58,432	46,511	99,369	109,509	79,466	70,520	62,044	54,924	62,085
MEAN	2,813	3,208	2,395	1,885	1,661	3,205	3,650	2,563	2,351	2,001	1,772	2,070
MAX	5,970	5,940	5,970	3,310	2,260	6,690	9,520	5,290	6,160	3,310	2,680	5,200
MIN	614	618	719	668	693	745	745	673	658	628	580	614

CAL YR 1964: TOTAL 1,295,574 MEAN 3,540 MAX 11,200 MIN 529
 MAY YR 1965: TOTAL 900,541 MEAN 2,467 MAX 9,520 MIN 580

MEAN# 3,589 CFSM# 3 07 IN# 41 79
 MEAN# 2,297 CFSM# 1 96 IN# 26 61

* Adjusted for change in contents in Lake Sidney Lanier

2-3357 Big Creek near Alpharetta, Ga

Location --Lat 34°03'02", long 84°16'10", on downstream side of county highway bridge, 2.6 miles southeast of Alpharetta, Fulton County, and 9.4 miles upstream from mouth

Drainage area --72 sq mi, approximately

Records available --May 1960 to September 1965

Gage --Digital water-stage recorder Datum of gage is 960.80 ft above mean sea level, datum of 1929 (levels by Soil Conservation Service) Prior to Apr 24, 1964, graphic water-stage recorder at same site and datum

Average discharge --5 years, 130 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (800 cfs), May 1960 to September 1965											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Sept 28, 1960	1000	* 258	4.24	Feb 23, 1962	0900	2,140	10.23	Mar 16, 1964	1900	* 870	8.04
Feb 21, 1961	2400	* 5,800	12.54	Mar 7, 1963	0500	1,710	9.77	Mar 26, 1964	1700	* 4,140	11.82
Feb 26, 1961	0200	2,500	10.69	Mar 13, 1963	2000	2,140	10.30	Apr 7, 1964	0800	2,500	10.72
Dec 13, 1961	0100	* 4,700	11.97	Apr 30, 1963	2100	* 2,860	10.77	May 4, 1964	0900	990	8.53
Dec 18, 1961	2000	3,240	11.07	Jan 25, 1964	2200	3,000	11.09	Jan 23, 1965	2030	* 684	7.17

Annual minimum discharge, May 1960 to September 1965					
Water year	Date	Discharge	Water year	Date	Discharge
1960	Sept 15, 1960	12	1963	Sept 26, 27, 1963	20
1961	Sept 28, 1961	24	1964	Sept 27, 1964	22
1962	Sept 3, 4, 7, 1962	14	1965	Sept 28, 29, 30, 1965	17

1960-65 Maximum discharge, 5,800 cfs Feb 21, 1961 (gage height, 12.54 ft), minimum, 12 cfs Sept 15, 1960

Remarks --Records good except those for period of no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, MAY TO SEPTEMBER 1960

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
1								100	41	30	23	30
2								90	41	27	21	35
3								86	47	26	20	27
4								82	43	23	20	21
5								78	50	22	26	20
6								76	80	22	24	18
7								84	50	38	20	17
8								134	53	29	20	17
9								92	49	24	22	16
10								83	43	22	19	16
11								78	39	78	22	17
12								76	38	41	40	15
13								75	33	31	96	14
14								72	33	30	63	13
15								69	37	25	41	12
16								66	31	22	31	14
17								66	85	20	27	37
18								63	50	18	24	74
19								60	36	20	24	34
20								58	32	20	25	27
21								57	30	18	24	22
22								55	45	18	30	20
23								51	32	24	73	21
24								51	30	34	40	19
25								59	34	22	30	16
26								48	35	20	28	15
27								55	38	34	24	66
28								53	35	55	22	162
29								48	34	59	20	147
30								46	31	34	18	92
31								43	-----	27	17	-----
TOTAL								2,154	1,255	913	934	1,054
MEAN								69.5	41.8	29.5	30.1	35.1
MAX								134	85	78	96	162
MIN								43	30	18	17	12
CFSM								97	58	41	42	49
IN								1.11	65	47	48	54

2-3857 Big Creek near Alpharetta, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	60	57	38	96	63	530	350	117	70	120	48	78
2	47	43	37	71	62	450	362	169	67	90	45	62
3	42	38	36	61	60	390	199	122	66	80	44	56
4	38	37	36	56	57	350	154	107	62	100	46	50
5	58	37	36	53	55	310	126	99	86	75	44	47
6	138	37	36	51	53	280	112	97	82	60	42	47
7	96	36	35	50	74	264	106	96	72	59	50	45
8	105	35	34	49	134	398	101	92	64	72	90	42
9	203	35	33	46	97	398	167	106	62	59	79	42
10	129	41	33	46	82	317	224	106	66	52	66	41
11	80	41	92	45	74	179	164	204	64	50	56	40
12	60	38	100	45	69	144	144	169	66	71	56	40
13	55	39	64	46	65	149	386	144	60	174	47	40
14	50	38	55	90	64	169	284	112	65	204	170	45
15	46	38	52	100	63	130	184	102	110	159	76	52
16	44	38	51	82	60	117	219	95	180	194	63	40
17	43	39	44	69	57	108	149	147	140	219	95	37
18	45	39	43	65	110	126	126	84	100	159	47	34
19	43	38	42	72	219	130	117	86	75	112	45	36
20	70	37	41	88	290	112	108	81	80	112	43	40
21	60	37	44	71	2,800	126	104	77	100	92	45	36
22	50	37	44	65	2,980	122	102	78	140	94	44	33
23	45	50	44	60	980	108	98	126	110	198	54	32
24	40	50	44	61	910	101	96	93	100	112	96	31
25	36	46	46	57	1,800	95	94	122	160	85	83	30
26	36	44	45	58	1,560	94	145	224	130	76	134	29
27	36	42	43	61	650	91	262	189	150	66	82	28
28	38	42	42	58	580	94	254	108	200	60	66	26
29	38	45	40	57	-----	95	174	90	400	56	56	25
30	37	39	53	60	-----	91	126	82	200	52	55	26
31	42	-----	55	62	-----	342	-----	74	-----	50	98	-----
TOTAL MEAN	1,910 61.6	1,213 40.4	1,440 46.5	1,951 62.9	14,068 502	6,410 207	5,487 183	3,538 114	3,327 111	3,167 102	2,023 65.3	1,420 45.3
MAX	203	57	100	100	2,980	530	394	224	400	219	170	78
MIN	36	35	33	45	53	91	94	74	60	50	42	25
CFSM	.86	.56	.65	.87	6.98	2.87	2.54	1.59	1.54	1.42	.91	.56
IN.	.99	.63	.74	1.01	7.27	3.31	2.83	1.83	1.72	1.63	1.04	.62

GAL YR 1961: TOTAL 45,739 MEAN 125 MAX 2,980 MIN 25 CFSM 1.74 IN 23.63

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	26	28	36	112	127	160	412	113	44	31	41	16
2	25	28	35	114	114	145	308	103	46	28	28	16
3	28	28	35	98	105	136	200	96	66	28	37	14
4	32	38	34	91	102	127	150	91	52	41	33	15
5	29	39	36	88	100	122	136	89	97	34	29	21
6	26	37	42	150	96	116	175	86	68	218	26	17
7	27	42	46	132	88	113	210	83	54	240	40	26
8	26	35	38	114	90	109	165	80	49	136	40	40
9	25	32	37	101	100	136	136	78	46	80	31	26
10	24	32	157	99	94	160	122	78	45	60	25	23
11	24	32	259	90	86	275	218	76	45	52	23	22
12	24	32	2,220	86	84	388	512	76	54	49	22	70
13	24	32	3,410	78	82	400	690	72	69	47	27	19
14	23	34	1,190	78	81	240	470	68	51	42	28	18
15	23	37	406	100	79	165	230	67	44	39	24	22
16	22	43	209	100	109	140	175	64	42	52	23	20
17	23	46	324	94	98	132	155	65	42	46	22	124
18	23	40	2,220	89	88	122	140	62	42	38	21	118
19	23	39	1,860	86	136	118	132	60	38	34	19	52
20	22	38	627	150	106	117	127	56	49	31	17	39
21	25	37	245	140	179	165	118	52	49	32	50	32
22	25	37	165	117	789	136	115	51	39	29	55	29
23	24	78	150	107	1,710	118	114	50	35	27	50	28
24	25	114	132	136	1,090	114	112	50	34	31	34	25
25	24	62	118	140	544	118	111	46	32	46	28	26
26	23	48	108	180	305	190	115	46	34	81	25	28
27	22	43	108	160	220	155	109	43	42	42	22	37
28	25	40	140	285	185	127	105	44	40	35	21	29
29	25	38	111	285	-----	117	140	42	37	37	19	27
30	25	37	96	225	-----	114	136	42	34	36	18	26
31	27	-----	96	150	-----	285	-----	44	-----	43	16	-----
TOTAL MEAN	769 24.8	1,246 41.5	14,690 474	3,975 128	6,987 250	5,060 163	6,118 204	2,073 66.9	1,419 47.3	1,765 56.9	894 28.8	955 31.8
MAX	32	114	3,410	285	1,710	400	690	113	67	240	55	124
MIN	22	28	34	78	79	109	105	42	32	27	16	14
CFSM	.34	.58	6.58	1.78	3.47	2.27	2.83	.93	.66	.79	.40	.44
IN.	.40	.64	7.59	2.05	3.61	2.61	3.16	1.07	.73	.91	.46	.49

GAL YR 1962: TOTAL 27,891 MEAN 122 MAX 3,410 MIN 22 CFSM 1.79 IN 23.79

2-3357 Big Creek near Alpharetta, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	24	37	64	112	117	108	92	1,680	64	169	70	31
2	58	35	61	96	122	179	90	352	61	122	63	29
3	324	37	59	86	254	122	88	219	58	106	59	29
4	264	36	59	79	204	105	85	159	56	93	53	29
5	176	35	63	76	149	151	82	130	56	86	50	43
6	79	35	70	73	122	1,220	94	117	55	86	48	32
7	60	36	61	70	112	1,400	107	107	53	108	46	30
8	70	37	59	69	102	458	91	99	52	112	45	29
9	65	84	56	66	94	194	86	93	50	90	42	26
10	51	77	52	66	89	149	85	86	49	78	41	26
11	47	54	52	140	96	126	81	89	47	71	40	25
12	43	93	52	317	122	499	79	82	45	68	37	24
13	42	107	54	317	101	1,560	78	84	43	66	39	25
14	40	66	54	154	92	1,150	74	184	42	71	72	61
15	39	56	54	112	86	363	74	169	42	72	45	50
16	38	52	53	97	83	204	74	106	60	76	39	36
17	38	53	54	90	81	199	73	90	194	82	38	32
18	37	99	52	164	80	199	71	82	101	80	36	31
19	35	91	51	306	174	154	71	76	91	82	34	31
20	35	78	52	362	159	184	83	75	149	78	34	27
21	35	347	52	328	117	135	80	77	333	149	43	26
22	39	486	94	189	98	122	72	71	466	84	56	24
23	37	466	77	144	94	112	69	67	512	74	40	23
24	34	179	62	126	95	108	64	66	317	154	35	22
25	34	112	183	120	90	105	64	65	174	126	32	22
26	34	91	244	110	89	144	65	71	189	103	31	21
27	35	80	144	85	82	130	62	98	284	82	47	22
28	35	74	108	80	82	107	156	102	317	72	46	202
29	35	73	179	80	-----	101	586	90	452	70	38	295
30	36	68	229	104	-----	98	2,110	77	362	86	40	284
31	38	-----	154	144	-----	94	-----	69	-----	79	35	-----
TOTAL	1,957	3,174	2,678	4,362	3,186	9,980	4,986	5,132	4,774	2,875	1,374	1,587
MEAN	63.1	106	86.4	141	114	322	166	166	159	92.7	44.3	52.9
MAX	324	486	244	362	254	1,560	2,110	1,680	512	169	72	295
MIN	24	35	51	66	80	94	62	65	42	66	31	21
CFSM	.88	1.47	1.20	1.95	1.58	4.47	2.31	2.30	2.21	1.29	.62	.73
IN.	1.01	1.64	1.38	2.25	1.65	5.15	2.58	2.65	2.47	1.49	.71	.62

CAL YR 1962: TOTAL 37,055
WAT YR 1963: TOTAL 46,065MEAN 102
MEAN 126MAX 1,710
MAX 2,110MIN 14
MIN 21CFSM 1.41
CFSM 1.75IN 19.14
IN 23.79

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	97	42	95	317	164	126	179	229	184	58	64	36
2	66	82	126	264	126	169	328	169	140	62	59	33
3	56	42	117	169	112	438	159	807	107	60	54	33
4	52	40	87	149	104	438	179	858	98	66	64	32
5	47	42	78	126	118	480	189	428	97	60	82	31
6	45	62	72	117	295	452	940	229	149	52	62	31
7	43	48	66	149	244	264	2,020	184	108	48	55	28
8	44	44	68	126	159	204	1,160	169	98	58	52	26
9	42	41	74	306	130	169	1,220	164	92	66	49	26
10	41	41	70	284	117	179	564	164	87	58	56	25
11	40	39	190	179	126	149	306	154	83	67	86	26
12	40	38	470	174	108	135	244	189	81	77	80	58
13	40	38	320	189	140	122	295	174	139	87	57	45
14	38	38	430	130	234	167	317	144	95	64	50	37
15	38	38	280	110	189	660	264	135	83	57	50	34
16	37	38	220	107	254	770	224	130	77	194	89	32
17	37	38	170	106	194	542	204	126	74	102	128	30
18	37	38	140	104	334	224	189	122	72	81	76	29
19	39	39	110	98	339	174	179	117	70	85	60	30
20	38	38	100	140	264	169	169	122	66	189	54	33
21	37	38	90	130	179	194	159	112	64	205	51	29
22	37	40	78	107	154	169	154	108	60	100	54	29
23	37	52	120	102	140	144	154	108	70	83	71	29
24	37	53	110	313	130	135	199	108	88	74	62	27
25	37	43	96	2,030	149	482	244	104	86	80	52	24
26	37	43	92	1,760	159	2,680	264	98	84	67	47	24
27	36	62	88	558	140	1,820	496	96	76	67	45	23
28	35	59	85	234	140	601	480	95	70	59	43	26
29	34	328	81	164	135	284	424	97	60	63	42	33
30	33	184	76	135	-----	224	339	101	56	80	40	180
31	34	-----	97	130	-----	194	-----	98	-----	76	38	-----
TOTAL	1,311	1,741	4,252	9,007	5,077	13,057	12,083	6,098	2,714	2,540	1,872	1,079
MEAN	42.3	58.0	137	291	175	421	403	197	90.5	80.4	58.0	36.0
MAX	97	328	470	2,030	339	2,680	2,020	850	184	205	128	180
MIN	33	38	66	98	104	122	154	95	56	48	38	23
CFSM	.59	.81	1.91	4.04	2.43	5.85	5.59	2.73	1.26	1.14	.84	.50
IN.	.68	.90	2.20	4.65	2.62	6.74	6.24	3.15	1.40	1.31	.97	.56

CAL YR 1963: TOTAL 45,360
WAT YR 1964: TOTAL 60,831MEAN 122
MEAN 126MAX 2,110
MAX 2,680MIN 21
MIN 21CFSM 1.37
CFSM 1.37IN 37.33
IN 37.33

APALACHICOLA RIVER BASIN

2-3357 Big Creek near Alpharetta, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	230	56	75	120	112	126	120	110	58	51	36	26
2	258	55	72	113	154	184	110	96	58	48	35	44
3	111	54	71	139	119	163	100	92	57	54	33	44
4	163	53	436	111	112	197	190	86	58	57	31	35
5	277	52	395	104	106	173	200	82	66	54	31	30
6	291	52	251	100	116	147	180	81	67	48	33	27
7	165	52	136	97	280	140	160	78	138	47	40	25
8	101	53	114	95	252	130	150	75	240	55	60	23
9	84	51	102	93	179	120	130	83	116	48	60	22
10	75	50	94	129	166	105	120	124	92	45	40	25
11	67	49	88	120	147	96	110	91	146	45	34	31
12	62	49	134	102	231	110	160	91	168	41	41	30
13	60	49	121	96	276	140	120	80	120	40	37	41
14	58	49	101	93	204	130	100	74	146	51	33	32
15	75	48	91	90	164	110	105	71	295	100	33	29
16	302	48	86	97	143	100	140	70	292	69	39	26
17	213	50	84	91	189	130	120	66	173	53	32	27
18	117	50	100	88	217	170	110	68	122	46	30	25
19	92	50	88	89	166	150	150	74	98	43	28	28
20	80	68	132	90	144	140	140	66	86	40	33	25
21	73	55	134	93	135	120	120	83	78	40	33	24
22	69	49	111	89	126	96	110	230	72	37	30	23
23	65	48	104	339	120	90	100	134	67	36	28	22
24	62	61	100	512	128	96	96	95	66	38	31	23
25	60	242	285	486	201	200	310	85	71	36	39	24
26	58	200	469	201	147	300	260	79	61	38	36	22
27	58	113	587	149	136	320	280	76	59	38	30	20
28	59	108	461	127	130	350	210	74	62	41	28	18
29	65	101	197	118	-----	250	170	69	58	66	26	18
30	60	84	150	139	-----	170	130	64	55	51	24	26
31	57	-----	132	119	-----	140	-----	61	-----	40	23	-----
TOTAL	3,567	2,099	5,501	4,429	4,600	4,893	4,461	2,708	3,245	1,496	1,067	815
MEAN	115	70.0	177	143	164	158	149	87.4	108	48.3	34.4	27.2
MAX	302	242	587	512	280	350	310	230	295	100	60	44
MIN	57	48	71	88	106	90	96	61	55	36	23	18
CFSM	1.60	.97	2.46	1.98	2.28	2.19	2.07	1.21	1.50	.67	.48	.38
IN.	1.84	1.08	2.84	2.29	2.38	2.53	2.30	1.40	1.68	.77	.55	.42

CAL YR 1964: TOTAL 64,694
WAT YR 1965: TOTAL 38,981MEAN 177
MEAN 107MAX 2,680
MAX 587MIN 23
MIN 18CFSM 2.46
CFSM 1.48IN 38.62
IN 28.06

Note --No gage-height record Mar 7 to May 5

2-3360 Chattahoochee River at Atlanta, Ga

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 Rottenwood Creek, 2½ miles upstream from Peachtree Creek, and at mile 303 0

Drainage area --1,450 sq mi, approximately

Records available --August 1928 to December 1931, October 1936 to September 1965. Monthly discharge only for some periods, published in WSP 1304. Prior to October 1951, published as "near Vinings"

Gage --Digital water-stage recorder. Datum of gage is 750 10 ft above mean sea level, datum of 1929, supplementary adjustment of 1936. Aug 3, 1928, to Dec 31, 1931, graphic water-stage recorder, Nov 15, 1936, to Mar 8, 1937, staff gage and Mar 9, 1937, to Sept 30, 1962, graphic water-stage recorder at same site and datum

Average discharge --32 years, 2,502 cfs (unadjusted)

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 25, 1961	24,900	18 3	Oct 4, 1960	865	-
1962	Dec 12, 1961	19,200	15 2	Nov 6, 1961	713	-
1963	Apr 30, 1963	17,000	a 18 19	Dec 23, 1962	830	-
1964	Apr 6, 1964	26,000	a 19 38	Oct 27, 1963	782	-
1965	Mar 26, 1965	10,700	9 41	Aug 22, 1965	1,080	-

a Backwater from Peachtree Creek

1928-31, 1936-65. Maximum discharge, 59,000 cfs Jan 9, 1946 (gage height, 28 0 ft), minimum daily, 296 cfs Sept 2, 1957

Maximum stage known since at least 1896, 29 0 ft in December 1919, from floodmarks at site 4 miles downstream and stage relation between the two sites

Remarks --Records good except those for periods of backwater, which are fair. Flow regulated by Lake Sidney Lanier (see station 2-3344). Diversions at points 20 and 7 miles above station by DeKalb and Cobb Counties, respectively, for municipal supplies as shown in monthly tables. Considerable diurnal fluctuation caused by Morgan Falls hydroelectric plant 9½ miles above station

Revisions (water years) --WSP 972 1932

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,140	1,960	4,100	1,360	1,600	1,920	4,450	2,630	1,950	3,680	2,770	2,240
2	1,260	2,260	4,110	1,590	1,600	1,870	1,720	4,510	2,020	2,410	3,410	1,620
3	898	2,290	3,070	2,250	1,610	1,840	2,680	5,390	1,520	2,930	3,480	1,330
4	865	2,250	1,270	2,500	1,230	1,510	3,660	5,100	1,300	3,520	3,360	1,260
5	922	1,770	2,130	2,530	1,080	1,330	3,940	5,240	1,550	3,740	2,280	1,740
6	1,620	1,290	4,020	2,460	1,480	1,530	5,110	3,940	2,680	3,610	1,400	1,680
7	1,060	1,580	4,050	1,610	1,670	1,890	5,330	1,270	2,730	3,690	1,820	1,640
8	1,320	1,890	4,080	1,300	1,800	2,780	4,120	1,510	2,850	2,760	3,020	1,720
9	1,900	2,280	4,120	1,600	1,730	2,540	1,450	1,660	2,800	1,420	3,340	1,450
10	1,660	2,400	3,120	2,540	1,720	1,880	2,950	2,200	1,700	2,100	5,460	1,130
11	1,780	2,320	1,440	2,550	1,380	1,520	4,180	2,780	1,340	4,450	6,100	1,560
12	1,710	1,940	1,870	2,460	1,200	1,340	6,820	2,570	1,560	4,940	4,920	3,210
13	1,700	1,320	2,660	2,540	1,340	2,840	6,570	1,510	2,510	5,170	1,440	3,270
14	1,690	1,810	2,880	1,730	1,540	5,010	5,820	1,220	2,740	5,200	2,220	3,340
15	1,410	3,960	2,500	1,320	1,540	4,840	4,200	2,260	3,180	3,800	4,080	3,360
16	1,250	4,050	2,420	2,010	1,500	4,880	1,630	3,340	3,030	1,520	3,590	2,140
17	1,310	4,080	1,900	2,480	1,660	4,490	3,120	3,520	1,740	2,540	3,400	1,340
18	1,680	3,920	1,280	2,540	1,700	3,270	5,920	3,800	1,350	4,660	3,400	1,550
19	1,680	2,970	1,570	2,570	2,440	1,310	6,320	3,730	1,600	4,740	2,130	3,700
20	2,130	1,290	2,700	2,610	4,420	3,100	6,100	2,660	2,410	4,600	1,380	3,400
21	1,810	1,840	2,570	1,920	16,500	4,540	6,060	1,200	3,400	4,460	2,020	3,490
22	1,440	4,110	2,700	1,330	10,800	4,280	4,650	1,660	3,310	3,090	4,650	3,550
23	1,280	4,240	2,650	1,600	7,180	4,600	1,300	2,380	3,740	1,440	4,720	2,180
24	1,580	4,260	1,940	2,240	5,590	4,520	2,520	2,580	3,460	1,820	5,080	1,350
25	1,700	4,200	1,310	2,250	20,200	3,100	4,410	2,340	2,860	3,080	5,050	1,650
26	2,130	3,060	1,560	2,360	9,520	1,280	5,280	2,580	3,460	3,010	4,250	1,740
27	2,160	2,900	1,740	2,220	3,180	2,900	4,230	1,680	4,230	2,910	1,580	1,790
28	1,900	2,250	1,710	1,710	2,200	3,460	5,960	1,240	4,820	2,920	1,700	1,790
29	1,710	4,120	1,720	1,290	-----	3,470	4,600	1,580	3,820	1,990	1,820	2,170
30	1,290	4,100	1,740	1,630	-----	3,730	1,320	1,840	3,620	1,610	2,040	1,470
31	1,670	-----	1,480	1,750	-----	6,820	-----	2,010	-----	1,450	2,120	-----
TOTAL	48,655	81,090	76,010	62,850	109,350	94,390	129,570	81,930	79,480	99,290	98,030	63,840
MEAN	1,570	2,703	2,452	2,027	3,905	3,045	4,319	2,643	2,649	3,203	3,162	2,128
MAX	2,160	4,260	4,120	2,610	20,200	6,820	7,180	5,390	4,820	5,200	6,100	3,700
MIN	865	1,280	1,270	1,290	1,080	1,280	1,300	1,200	1,300	1,420	1,380	1,130
*	29	28	28	28	28	28	28	31	31	32	33	33
†	13	13	12	12	13	13	13	15	17	17	16	15
CAL YR 1960: TOTAL	1,071,786											
MEAN	2,928											
MAX	10,600											
MIN	865											
MEAN†	2,686											
CFSMT	1 85											
INT	27 38											
WAT YR 1961: TOTAL	1,024,485											
MEAN	2,807											
MAX	20,200											
MIN	865											
MEAN†	2,927											
CFSMT	2 02											
INT	29 57											

* Diversion by DeKalb County, in cubic feet per second, furnished by DeKalb County

† Diversion by Cobb County, in cubic feet per second, furnished by Cobb County

† Adjusted for change in contents in Lake Sidney Lanier

2-3360 Chattahoochee River at Atlanta, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	830	3,620	1,360	1,750	3,470	6,280	3,840	4,360	2,160	1,080	3,040	1,630
2	888	3,570	1,200	5,930	3,800	5,760	3,400	4,440	1,600	1,250	3,000	1,060
3	1,620	3,720	820	6,640	2,260	5,990	5,420	4,460	1,150	1,930	3,100	2,160
4	1,310	3,370	954	6,640	1,050	1,700	5,500	4,350	1,250	2,270	1,930	2,720
5	1,050	982	1,500	6,640	1,080	3,120	7,000	2,910	1,730	2,450	1,240	2,730
6	1,060	713	1,520	6,020	1,520	5,760	7,000	1,230	1,970	4,700	1,880	2,770
7	874	3,020	1,510	1,570	1,540	6,280	6,820	1,610	1,840	1,980	2,200	1,720
8	808	3,180	1,430	2,180	1,550	6,280	1,740	1,710	1,960	1,300	2,150	1,780
9	1,560	3,170	1,080	4,400	1,580	6,460	3,360	2,960	1,540	1,620	2,130	1,160
10	2,600	3,230	2,330	5,250	1,180	5,420	5,930	2,820	1,210	2,120	2,010	2,320
11	2,520	1,780	2,560	5,180	898	2,870	7,180	2,840	1,320	1,880	1,470	2,460
12	2,500	1,260	14,100	5,160	1,170	4,400	11,400	1,880	4,410	2,510	1,060	2,580
13	2,510	1,690	13,500	4,190	1,400	4,910	5,250	1,210	5,000	2,170	1,200	2,500
14	1,740	2,940	5,930	1,370	1,460	5,250	4,400	1,550	4,710	1,220	1,800	2,470
15	1,260	3,000	2,400	2,380	1,440	6,640	6,460	2,770	4,400	810	1,860	1,600
16	1,580	3,080	1,850	5,380	1,520	7,000	3,940	2,880	3,220	990	1,720	1,190
17	3,060	3,000	1,730	5,750	1,520	7,000	6,460	3,060	1,340	1,110	1,860	2,260
18	2,960	1,880	12,400	5,490	1,040	5,760	7,000	2,900	1,410	1,280	1,430	2,700
19	3,020	1,280	6,820	5,500	1,380	3,760	7,000	1,830	4,550	1,210	1,180	2,420
20	3,000	1,610	7,000	4,200	2,410	5,590	6,640	1,290	4,680	1,180	1,600	2,420
21	2,060	1,790	5,840	1,400	2,420	6,280	7,000	1,340	4,560	1,040	2,800	2,550
22	1,270	1,820	5,250	2,400	10,300	6,460	6,280	2,140	4,470	815	2,850	1,620
23	1,840	2,730	5,230	3,700	9,130	6,280	3,600	2,430	3,340	995	2,720	1,100
24	3,600	2,270	5,480	4,000	7,000	4,920	5,930	2,560	1,330	1,230	2,730	2,020
25	3,700	1,750	3,560	3,940	7,000	1,420	6,820	2,480	1,270	1,100	1,660	3,140
26	3,600	1,300	5,910	3,960	3,720	3,300	3,330	1,500	1,870	1,650	1,190	3,090
27	3,530	1,190	6,440	2,720	5,620	4,910	3,040	1,300	2,200	1,130	2,090	3,180
28	2,430	1,010	6,720	2,810	5,930	4,740	1,980	1,320	2,390	1,030	2,870	2,300
29	1,260	1,170	6,510	3,080	-----	4,910	1,370	1,960	2,220	1,020	2,750	1,870
30	1,610	1,420	5,360	3,820	-----	4,740	2,670	1,830	1,650	2,450	2,730	1,370
31	3,900	-----	1,530	3,960	-----	5,250	-----	1,750	-----	3,400	2,660	-----
TOTAL	65,550	66,545	140,024	127,410	84,018	159,040	157,850	74,700	76,750	50,820	64,910	65,840
MEAN	2,115	2,118	4,517	4,110	3,001	5,130	5,282	2,410	2,558	1,639	2,094	2,195
MAX	3,900	3,720	14,100	6,640	10,300	7,000	11,400	4,460	5,000	4,710	3,100	3,180
MIN	713	713	820	808	808	1,420	1,150	1,150	810	810	1,060	1,060
* 35	31	27	28	27	28	28	30	47	36	37	42	40
17	16	15	15	15	15	15	15	20	19	18	20	19

CAL YR 1962: TOTAL 1,090,899 MEAN 3,789 MAX 12,400 MIN 713 MEANT 3,388 CFSMT 2 34 INT 31 76
MAY YR 1963: TOTAL 1,133,451 MEAN 3,045 CFSMT 2 10 INT 28 51

* Diversion by DeKalb County, in cubic feet per second, furnished by DeKalb County

† Diversion by Cobb County, in cubic feet per second, furnished by Cobb County

‡ Adjusted for change in contents in Lake Sidney Lanier

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,000	4,040	1,120	1,380	1,470	1,430	1,420	6,800	4,760	3,470	1,700	1,040
2	2,730	3,990	910	1,350	1,120	1,420	2,020	5,310	1,030	5,440	1,630	1,500
3	5,540	3,080	1,050	1,220	1,910	946	2,060	4,310	1,610	5,840	1,080	2,950
4	4,300	1,550	1,130	1,160	1,700	1,090	2,340	4,720	2,340	5,870	3,020	3,020
5	3,060	2,730	1,150	1,040	1,520	1,340	2,010	5,360	2,190	5,780	1,310	3,030
6	1,800	4,740	1,130	854	1,370	10,600	1,760	8,850	2,220	5,020	2,500	3,000
7	1,380	5,540	1,270	973	1,350	4,280	1,210	8,780	2,290	1,100	3,540	1,900
8	1,440	5,300	1,090	1,090	1,290	3,060	2,200	8,780	1,290	2,180	2,110	878
9	2,070	5,820	886	1,130	1,080	1,430	4,730	9,860	2,940	2,900	1,990	1,000
10	2,490	5,940	1,030	1,230	846	1,170	5,460	6,980	1,350	3,270	1,340	1,670
11	2,550	5,620	1,130	1,610	1,140	1,260	5,330	5,300	1,370	4,760	870	1,700
12	2,450	3,190	1,130	2,780	1,540	4,620	5,260	1,070	1,410	5,650	1,750	1,770
13	1,740	5,660	1,130	1,470	1,380	11,600	3,900	1,470	1,480	4,860	4,040	1,790
14	894	2,820	1,050	1,370	1,360	4,560	1,170	1,750	1,420	1,200	4,910	1,190
15	1,060	4,940	991	1,300	1,260	2,650	1,400	2,960	1,230	2,190	5,070	894
16	2,020	6,240	902	1,270	1,100	1,850	2,680	4,040	1,240	4,390	4,850	937
17	2,020	5,740	1,120	1,280	840	1,300	2,730	4,060	2,500	5,340	3,830	1,140
18	2,090	1,380	1,130	2,110	972	1,510	2,740	2,740	2,390	5,100	1,210	1,340
19	2,070	2,760	1,290	1,990	1,800	1,510	2,680	973	2,820	5,260	1,770	1,310
20	1,600	5,360	1,140	2,770	1,780	1,830	1,910	1,500	3,820	4,600	4,510	1,210
21	946	10,000	1,090	2,080	1,510	1,710	1,250	2,760	5,620	1,510	5,070	1,040
22	1,300	11,700	1,140	1,350	1,310	1,120	1,650	2,530	4,200	2,370	4,980	854
23	2,510	7,000	830	1,500	1,140	1,130	4,460	2,330	3,260	4,460	4,900	955
24	2,310	5,310	937	1,450	888	946	4,480	2,530	2,760	5,460	3,680	1,130
25	2,410	1,280	1,690	1,170	1,080	1,180	4,520	1,580	2,920	5,470	1,100	1,570
26	2,390	1,310	2,240	1,090	1,260	1,590	4,520	1,030	3,250	1,330	1,750	1,420
27	2,230	1,060	1,510	1,140	1,160	1,390	3,250	1,300	3,900	1,020	4,170	1,340
28	1,370	1,380	1,240	1,000	1,250	1,250	1,530	1,310	4,020	973	4,240	3,440
29	2,550	1,250	1,660	1,120	-----	1,110	6,700	2,210	4,690	1,050	4,300	2,190
30	3,880	1,200	1,590	1,370	-----	1,530	14,000	2,910	4,580	1,570	4,200	2,670
31	4,210	-----	1,240	1,370	-----	910	-----	5,520	-----	1,780	3,320	-----
TOTAL	71,410	127,930	36,946	44,197	36,426	73,612	101,120	129,133	79,036	111,583	92,590	50,068
MEAN	2,304	4,264	1,192	1,426	1,301	2,375	3,371	4,166	2,635	3,599	2,987	1,669
MAX	5,540	11,700	2,240	2,780	1,910	11,600	14,000	8,850	5,620	5,840	5,070	3,440
MIN	894	1,060	830	854	840	910	1,170	973	986	973	870	854
* 36	33	33	33	33	32	32	37	40	42	39	43	41
17	16	16	17	17	17	17	17	18	19	19	22	18

CAL YR 1962: TOTAL 1,097,624 MEAN 3,007 MAX 11,700 MIN 830 MEANT 2,558 CFSMT 1 76 INT 23 89
MAY YR 1963: TOTAL 994,051 MEAN 2,614 MAX 14,000 MIN 830 MEANT 2,762 CFSMT 1 90 INT 25 79

* Diversion by DeKalb County, in cubic feet per second, furnished by DeKalb County

† Diversion by Cobb County, in cubic feet per second, furnished by Cobb County

‡ Adjusted for change in contents in Lake Sidney Lanier

Note --Backwater from Peachtree Creek Apr 29 to May 1

2-3360 Chattahoochee River at Atlanta, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,630	2,810	1,180	2,820	2,990	1,220	9,150	10,100	2,070	2,520	2,600	3,680
2	3,480	2,060	1,450	2,560	3,400	3,560	9,410	11,400	3,700	2,510	1,290	3,210
3	3,480	840	1,880	2,430	2,190	9,040	9,500	11,000	3,540	2,570	1,530	2,070
4	3,220	1,590	2,150	2,030	4,220	7,560	9,550	8,590	3,420	1,640	2,900	2,050
5	2,270	2,970	1,970	1,190	5,020	7,800	9,920	10,100	3,540	1,290	3,310	1,220
6	904	3,220	1,940	1,480	6,050	3,960	17,000	9,660	2,680	1,540	3,010	1,090
7	1,010	3,190	1,340	1,890	5,480	2,800	10,000	9,730	1,300	1,950	2,890	945
8	1,270	3,020	951	2,020	4,600	2,920	6,410	9,660	1,960	2,070	1,830	1,240
9	1,680	2,130	1,160	3,370	1,350	2,760	3,670	9,710	3,440	2,370	1,240	1,880
10	1,530	916	1,680	3,130	2,480	5,040	4,610	9,730	3,420	2,240	1,440	2,170
11	1,470	2,220	2,660	1,990	4,270	5,700	6,980	9,300	3,550	1,570	2,460	2,240
12	1,340	2,920	4,180	1,620	5,020	5,680	9,110	9,920	3,640	1,480	2,380	1,880
13	1,130	2,940	3,580	1,920	5,020	5,490	7,640	10,300	2,730	1,660	2,700	1,240
14	1,420	2,960	2,780	2,120	5,380	5,280	5,000	10,000	1,360	2,100	2,800	1,660
15	1,680	3,120	2,030	1,900	4,660	7,850	7,860	9,840	1,730	2,160	1,270	1,790
16	1,690	2,160	1,740	1,840	1,620	4,950	9,110	9,840	2,530	2,590	1,270	1,070
17	1,980	948	1,650	1,830	2,310	6,950	9,490	6,590	2,710	2,750	1,600	2,330
18	2,190	1,860	1,650	1,430	4,460	6,420	9,510	2,540	2,620	1,650	7,190	2,090
19	1,510	3,000	1,580	1,250	5,050	6,400	9,280	9,040	2,640	1,300	2,040	1,610
20	1,070	3,120	1,550	2,370	4,320	6,700	8,860	9,200	1,780	1,710	2,050	1,010
21	1,610	3,180	1,240	3,370	3,820	6,600	9,200	9,680	1,500	3,140	2,020	1,330
22	1,840	3,190	1,070	3,430	3,150	7,000	9,160	9,680	1,510	2,110	1,800	1,730
23	1,860	2,230	1,640	3,580	1,220	7,880	9,300	6,140	2,360	2,600	1,360	2,090
24	1,870	1,010	2,180	4,240	2,370	7,870	9,540	1,320	2,680	2,300	1,750	1,980
25	2,010	1,880	1,380	14,000	4,240	13,000	8,050	2,420	2,470	3,950	1,940	1,950
26	1,200	3,010	1,740	6,000	4,960	12,000	10,200	5,440	2,580	1,280	2,160	1,320
27	782	3,530	1,670	3,720	5,010	6,600	12,000	6,080	1,820	1,840	2,130	1,020
28	1,630	3,630	1,660	4,160	4,800	6,240	8,070	6,400	1,340	3,630	2,130	1,470
29	2,440	4,180	1,160	3,970	4,100	9,220	10,800	6,240	1,500	3,710	1,560	1,670
30	2,760	3,270	1,740	3,800	-----	8,960	10,400	5,440	2,210	3,850	1,230	2,340
31	2,850	-----	2,210	3,640	-----	8,770	-----	1,320	-----	3,750	1,270	-----
TOTAL	58,806	77,104	56,791	95,140	111,290	202,220	268,780	246,610	74,280	71,860	62,150	54,275
MEAN	1,897	2,570	1,832	3,069	3,838	6,523	8,959	7,955	2,476	2,318	2,005	1,809
MAX	3,630	4,180	4,180	14,000	6,050	13,000	17,000	11,600	3,700	3,950	3,310	3,680
MIN	782	840	951	1,190	1,130	1,220	3,670	1,320	1,300	1,280	1,230	945
* 40	37	36	36	37	36	37	36	40	40	41	45	45
* 21	19	19	19	19	19	19	19	20	22	25	24	24

CAL YR 1963: TOTAL 910,466 MEAN 2,494 MAX 14,000 MIN 782 MEANT 2,769 CFSMT 1 91 INT 25 93

WAT YR 1964: TOTAL 1,379,306 MEAN 3,769 MAX 17,000 MIN 782 MEANT 3,794 CFSMT 2 62 INT 35 66

* Diversion by DeKalb County, in cubic feet per second, furnished by DeKalb County

+ Diversion by Cobb County, in cubic feet per second, furnished by Cobb County

† Adjusted for change in contents in Lake Sidney Lanier

Note --Backwater from Peachtree Creek Apr 6, 7

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,760	1,380	1,930	3,760	1,690	1,910	9,420	4,540	1,930	2,200	1,170	1,510
2	2,330	1,580	2,820	2,420	2,000	2,120	10,570	2,120	1,760	1,210	1,760	1,590
3	1,660	2,270	2,060	1,700	2,410	2,880	6,790	2,400	2,100	1,470	2,510	2,000
4	1,530	2,610	5,460	2,180	2,300	3,000	2,430	5,070	2,210	1,200	2,660	1,490
5	2,770	2,990	3,070	3,110	2,290	3,000	3,300	5,490	1,590	1,190	2,700	1,170
6	2,570	3,050	1,950	3,060	1,790	1,770	6,260	5,210	1,200	2,110	2,720	1,150
7	2,670	2,710	2,040	2,970	2,940	1,550	6,990	5,320	2,490	3,490	1,800	1,400
8	2,460	1,420	2,800	2,940	2,420	2,670	6,830	4,150	4,770	3,600	1,270	4,330
9	2,360	1,700	2,760	2,060	2,760	3,630	4,590	1,280	3,760	3,480	2,040	4,790
10	1,870	4,360	3,030	1,570	2,510	3,780	2,890	1,940	3,230	2,180	1,990	4,890
11	1,580	5,060	4,230	2,100	2,460	3,600	1,520	3,780	3,730	1,190	1,940	3,640
12	1,310	5,160	5,350	3,180	3,110	4,320	3,400	3,810	3,190	1,680	2,090	1,270
13	2,610	5,720	1,610	3,140	2,500	2,890	4,460	3,730	2,190	2,160	2,030	1,340
14	2,850	3,900	1,600	3,040	1,580	1,430	4,190	3,600	2,250	2,370	1,280	2,120
15	3,630	1,240	2,810	3,040	2,070	2,490	4,010	2,550	3,930	2,460	1,180	2,780
16	5,610	2,140	2,900	1,920	2,330	3,650	3,900	1,230	3,910	2,370	1,830	2,320
17	6,320	4,910	2,850	1,340	2,810	4,030	2,730	1,630	3,260	1,470	2,350	2,270
18	1,890	5,020	2,960	1,470	2,850	5,350	1,380	2,720	3,090	1,180	2,360	1,460
19	1,730	5,000	2,120	2,140	2,810	4,600	2,450	2,860	1,890	2,120	2,510	1,240
20	3,080	5,220	1,490	2,280	2,080	2,670	3,440	2,760	1,300	3,310	2,530	1,360
21	3,960	3,620	1,980	2,160	1,420	1,670	3,710	2,960	2,130	3,380	2,210	1,360
22	4,020	1,240	3,200	2,180	1,880	2,850	4,130	3,060	3,450	3,380	1,080	1,830
23	4,000	2,140	3,170	5,110	2,230	4,820	4,070	1,370	3,470	3,370	1,310	2,040
24	3,760	4,810	3,270	3,870	2,400	6,310	2,830	1,680	3,420	2,240	2,430	1,940
25	1,550	5,800	4,350	2,660	2,820	7,330	1,420	2,240	4,700	1,280	2,710	1,400
26	1,440	4,650	5,820	2,780	2,670	7,750	2,620	2,260	5,320	1,850	2,640	1,160
27	2,820	2,460	4,740	2,430	1,880	8,320	4,180	2,130	1,300	2,550	2,520	1,330
28	5,720	3,360	3,520	2,340	1,470	7,530	5,020	2,260	1,560	2,640	1,980	1,840
29	5,780	1,250	4,340	2,330	-----	4,590	5,760	1,550	2,000	2,820	1,220	2,060
30	5,830	1,900	3,570	1,870	-----	6,490	5,790	1,100	1,980	2,720	1,140	2,210
31	5,180	-----	4,220	1,250	-----	7,230	-----	1,450	-----	1,710	1,370	-----
TOTAL	97,670	98,870	97,190	78,400	64,890	126,930	130,390	87,700	83,360	71,290	61,330	61,490
MEAN	3,150	3,296	3,135	2,529	2,318	4,095	4,346	2,829	2,779	2,300	1,978	2,050
MAX	6,320	5,800	5,820	5,110	3,110	8,320	9,920	5,490	5,420	3,600	2,720	4,980
MIN	1,310	1,240	1,490	1,250	1,420	1,430	1,380	1,100	1,200	1,180	1,080	1,150
* 37	39	37	37	40	37	41	52	46	51	53	49	49
* 21	22	21	21	21	21	21	22	27	26	28	28	26

CAL YR 1964: TOTAL 1,480,315 MEAN 4,045 MAX 17,000 MIN 945 MEANT 4,094 CFSMT 2 82 INT 38 38

WAT YR 1965: TOTAL 1,059,490 MEAN 2,903 MAX 9,920 MIN 1,080 MEANT 2,733 CFSMT 1 88 INT 25 52

* Diversion by DeKalb County, in cubic feet per second, furnished by DeKalb County

+ Diversion by Cobb County, in cubic feet per second, furnished by Cobb County

† Adjusted for change in contents in Lake Sidney Lanier

2-3363 Peachtree Creek at Atlanta, Ga

Location --Lat 33°49'10", long 84°24'28", on downstream side of bridge on Northside Drive, 0.4 mile downstream from Tanyard Branch, and 4 miles above mouth Prior to May 27, 1963, at site 1,000 ft downstream

Drainage area --86.8 sq mi

Records available --June 1958 to September 1965

Gage --Digital water-stage recorder Datum of gage is 763.96 ft above mean sea level (City of Atlanta bench mark) Prior to May 27, 1963, graphic water-stage recorder at site 1,000 ft downstream at same datum and May 27, 1963, to Apr 21, 1965, graphic water-stage recorder at present site and datum

Average discharge --7 years, 120 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 25, 1961	5,860	17.1	Sept 28-30, 1961	20	-
1962	Feb 22, 1962	4,650	14.9	Sept 2, 1962	12	-
1963	Apr 30, 1963	6,880	18.7	Sept 27, 1963	16	-
1964	Apr 6, 1964	5,760	17.3	Oct 31, 1963	18	-
1965	Jan 23, 1965	3,800	13.4	Sept 28, 1965	12	-

a From floodmark

1958-65 Maximum discharge, 6,880 cfs Apr 30, 1963 (gage height, 18.7 ft at former site), minimum daily, 8 cfs Aug 10, 1959

Remarks --Records fair except those for periods of no gage-height record, which are poor

Correction --In WSP 1704, the monthly mean discharge for September 1959 is listed in error, it should be 44.7 cfs

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	60	150	25	112	38	143	329	107	40	70	30	100
2	45	80	25	52	38	124	151	103	38	60	28	75
3	35	40	25	39	41	107	244	89	38	56	43	50
4	30	30	25	35	37	95	177	82	42	54	81	40
5	60	25	25	34	34	90	119	78	76	52	38	50
6	100	25	25	31	37	245	103	76	64	50	97	36
7	70	24	26	30	209	655	94	76	45	61	74	36
8	55	23	26	30	108	389	89	72	39	93	107	34
9	45	23	26	30	62	135	354	157	36	47	90	35
10	40	65	26	31	52	98	153	128	37	43	55	32
11	36	30	162	31	47	84	102	316	75	72	48	32
12	32	26	45	34	43	75	946	182	52	81	45	33
13	30	27	27	57	40	166	206	122	44	76	29	33
14	28	26	26	161	40	95	137	103	41	115	27	171
15	27	25	39	72	39	72	378	89	139	62	25	60
16	26	25	34	54	37	65	372	80	174	111	26	33
17	26	24	26	46	36	60	131	68	57	88	25	27
18	26	23	26	42	382	121	110	65	46	50	23	26
19	40	23	26	130	618	68	103	64	41	125	23	27
20	65	24	27	76	764	59	95	57	315	135	23	30
21	40	23	64	50	1,970	188	84	53	1,030	72	33	27
22	30	23	29	41	369	76	81	186	164	62	129	26
23	26	195	29	42	580	60	80	130	357	171	190	25
24	25	105	27	40	1,130	53	80	62	342	64	250	74
25	25	65	26	39	4,720	49	80	96	112	61	300	73
26	24	45	26	54	452	47	184	70	673	53	200	24
27	24	35	27	59	206	48	1,310	56	503	40	150	22
28	24	29	27	46	204	56	225	50	277	37	120	20
29	24	27	28	40	-----	52	135	45	87	42	100	20
30	23	26	60	39	-----	53	115	43	76	34	80	20
31	70	-----	141	38	-----	1,810	-----	40	-----	32	150	-----
TOTAL	1,211	1,311	1,176	1,615	12,333	5,438	6,767	2,945	5,060	2,169	2,639	1,191
MEAN	39.1	43.7	37.9	52.1	440	175	226	95.0	169	70.0	85.1	36.7
MAX	100	195	162	161	4,720	1,810	1,310	316	1,030	171	300	171
MIN	23	23	25	30	34	47	60	40	36	32	23	20
CFSM	.45	.50	.44	.60	5.07	2.02	2.60	1.09	1.94	.81	.98	.46
IN.	.52	.56	.50	.69	5.28	2.33	2.90	1.26	2.17	.93	1.13	.51

CAL YR 1960: TOTAL 32,182 MEAN 87.9 MAX 1,410 MIN 17 CFSM 1.01 IN 13.79
 MAY YR 1961: TOTAL 43,855 MEAN 120 MAX 4,720 MIN 26 CFSM 1.38 IN 18.79

Note --No gage-height record Oct 1 to Nov 7

2-3363 Peachtree Creek at Atlanta, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	19	17	24	72	87	93	300	82	54	59	38	13
2	19	17	24	55	81	89	150	75	57	56	34	12
3	27	17	24	48	78	86	130	70	39	58	34	13
4	26	45	24	47	72	85	120	70	38	178	31	14
5	23	27	25	85	70	84	110	70	187	78	30	16
6	21	83	57	262	68	80	270	67	60	2,330	28	17
7	20	51	37	98	60	76	171	66	61	302	45	74
8	18	20	28	74	66	75	124	61	45	131	86	52
9	18	20	26	62	68	110	107	60	42	91	32	48
10	17	20	905	66	61	229	106	58	44	74	26	22
11	18	20	445	64	56	384	687	55	71	59	24	20
12	17	20	2,870	53	56	542	1,300	53	49	134	24	19
13	17	20	880	56	55	133	290	50	338	83	40	70
14	17	45	173	49	55	106	141	49	86	54	67	141
15	16	91	163	112	53	93	119	48	68	45	33	67
16	15	62	139	64	81	82	106	46	61	66	40	36
17	16	36	248	52	56	75	102	50	165	45	32	72
18	17	26	1,120	56	64	72	101	44	64	40	24	37
19	17	24	202	396	107	71	95	40	71	36	22	25
20	16	23	117	130	59	71	91	38	85	36	22	19
21	16	23	95	95	241	179	90	36	63	40	38	15
22	16	23	89	82	2,900	75	89	99	46	32	36	21
23	17	263	82	216	670	68	87	35	39	28	28	15
24	18	80	66	108	720	90	90	34	54	34	24	19
25	17	37	59	90	167	320	207	34	41	148	20	14
26	16	29	56	90	128	200	169	31	82	126	18	196
27	15	28	86	130	113	150	95	30	134	51	19	63
28	16	96	26	475	102	110	84	74	74	17	68	3
29	18	25	60	151	100	208	46	66	66	56	16	21
30	18	24	53	114	300	95	45	62	44	15	19	19
31	17	53	97	97	900	900	104	62	59	14	14	14
TOTAL	558	1,242	8,328	3,549	6,394	5,102	5,834	1,676	2,346	4,657	957	1,148
MEAN	18.0	41.4	269	114	228	165	194	54.1	72	150	30.9	38.3
MAX	27	263	2,870	475	2,900	900	1,300	104	338	2,330	86	196
MIN	15	17	24	47	53	64	84	30	38	28	14	12
CFSM	.21	.48	3.09	1.32	2.63	1.90	2.24	.62	.90	1.73	.36	.44
IN.	.24	.53	3.57	1.52	2.74	2.19	2.50	.72	1.01	2.00	.41	.49

CAL YR 1961: TOTAL 50,285

MEAN 138

MAX 4,720

MIN 15

CFSM 1.59

IN 21.54

WAT YR 1962: TOTAL 41,791

MEAN 114

MAX 2,900

MIN 12

CFSM 1.32

IN 17.91

Note --No gage-height record Feb 22, 23

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	18	22	46	63	74	62	66	282	78	178	66	22
2	140	24	45	58	81	64	65	151	65	162	53	22
3	641	28	45	94	198	56	64	108	66	94	51	21
4	164	27	45	50	97	52	63	86	64	74	48	64
5	55	24	60	48	83	347	61	78	62	66	46	37
6	40	20	53	57	75	1,400	93	69	53	210	41	24
7	31	20	44	42	72	158	75	60	43	187	38	22
8	50	479	43	46	66	110	63	55	42	86	41	22
9	34	237	43	43	62	98	60	51	41	69	36	21
10	26	54	39	42	61	91	58	48	38	60	34	20
11	24	34	40	298	144	86	55	45	68	53	32	22
12	24	74	35	464	120	1,970	58	49	46	50	31	20
13	22	51	33	140	83	1,640	53	50	38	47	52	20
14	22	32	40	110	74	191	52	220	35	49	56	264
15	22	29	44	97	68	139	51	100	32	49	39	76
16	22	30	36	85	61	118	51	70	215	47	37	40
17	22	31	32	85	60	257	51	44	1,170	803	32	34
18	21	117	31	340	58	125	50	41	338	375	37	31
19	20	57	30	224	457	104	50	36	144	115	29	26
20	19	92	30	308	101	127	129	41	856	23	60	23
21	31	2,490	33	155	81	93	86	59	578	193	48	22
22	34	826	141	95	69	87	59	44	370	72	31	20
23	24	124	58	93	66	83	50	36	494	63	27	18
24	22	87	59	78	72	80	48	38	149	68	26	17
25	21	72	398	77	64	80	51	32	163	235	25	17
26	20	60	124	67	61	406	50	65	719	115	25	17
27	19	56	82	81	56	98	47	1,610	263	67	53	16
28	19	72	58	58	53	80	343	550	544	102	33	1,030
29	22	59	191	55	55	76	2,160	232	239	116	26	245
30	27	50	100	107	-----	72	4,540	120	118	94	26	66
31	32	-----	73	86	-----	67	-----	83	-----	121	25	-----
TOTAL	1,688	5,360	2,145	3,606	2,817	8,217	8,192	4,547	7,131	4,252	1,304	2,299
MEAN	54.5	172	69.2	114	90.5	262	243	147	238	137	40.8	76.4
MAX	641	2,490	398	464	457	1,970	4,540	1,610	1,170	803	66	1,030
MIN	18	20	30	42	53	52	47	32	32	47	25	16
CFSM	.63	2.06	.80	1.34	1.08	3.13	3.34	1.69	2.74	1.58	.45	.88
IN.	.72	2.30	.92	1.55	1.12	3.61	3.73	1.95	3.06	1.82	.52	.99

CAL YR 1962: TOTAL 40,856

MEAN 112

MAX 2,900

MIN 12

CFSM 1.29

IN 17.51

WAT YR 1963: TOTAL 51,959

MEAN 142

MAX 4,540

MIN 16

CFSM 1.64

IN 22.26

2-3363 Peachtree Creek at Atlanta, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	43	120	52	444	100	84	110	142	192	100	78	33
2	35	51	70	168	82	966	103	1,050	82	59	56	37
3	36	23	110	125	78	528	102	1,580	64	88	46	36
4	35	20	70	108	77	200	97	272	60	146	228	31
5	29	162	60	84	271	326	90	190	59	62	393	28
6	26	152	55	147	318	139	3,740	154	89	45	69	26
7	26	41	49	168	132	137	1,860	134	68	42	53	23
8	26	30	95	157	111	134	506	122	53	76	40	23
9	25	25	56	948	97	106	254	108	50	73	40	22
10	25	25	49	240	108	185	205	100	50	78	110	22
11	24	24	705	137	137	102	178	95	46	56	151	36
12	23	24	590	191	92	95	188	108	523	625	71	280
13	22	23	444	150	89	748	102	178	181	181	45	84
14	23	24	434	102	174	782	351	98	71	88	32	49
15	25	23	169	83	146	2,120	193	95	59	74	39	45
16	24	24	102	74	160	393	147	92	56	381	134	40
17	24	25	84	118	113	202	88	95	52	495	71	36
18	25	25	78	90	774	159	125	84	50	158	50	32
19	27	28	71	74	237	150	118	78	48	137	40	33
20	30	27	63	123	150	147	118	82	42	401	32	31
21	24	27	59	74	118	159	111	103	48	171	35	30
22	22	27	57	67	103	118	106	77	41	368	202	27
23	21	181	130	64	92	108	118	82	514	286	174	31
24	26	39	77	806	84	115	257	74	62	243	105	39
25	23	25	62	2,080	225	2,400	384	70	74	539	49	27
26	20	200	60	281	137	2,460	426	66	103	110	37	32
27	26	150	57	156	108	331	1,680	63	91	76	116	24
28	22	150	53	120	125	218	434	67	56	63	69	28
29	20	450	52	103	95	150	254	64	48	106	45	68
30	19	150	97	49	-----	130	169	67	41	409	37	111
31	18	-----	236	116	-----	118	-----	64	-----	249	36	-----
TOTAL	794	2,265	4,298	7,695	4,631	13,351	13,308	5,571	2,970	5,585	2,683	1,364
MEAN	25.6	75.5	139	248	160	431	444	180	99.0	180	86.5	45.5
MAX	463	450	705	2,080	774	2,460	3,740	1,580	523	625	297	280
MIN	18	20	49	64	77	84	90	63	41	42	32	22
CFSM	.30	.87	1.60	2.86	1.84	4.96	5.11	2.07	1.14	2.08	1.00	.52
IN.	.34	.97	1.84	3.30	1.98	5.72	5.70	2.39	1.27	2.39	1.15	.58

CAL YR 1963: TOTAL 50,123

MEAN 137

MAX 4,540

MIN 16

CFSM 1.88

IN 21.48

WAT YR 1964: TOTAL 64,515

MEAN 176

MAX 3,740

MIN 18

CFSM 2.03

IN 27.64

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	49	40	48	98	127	83	101	66	44	43	33	17
2	42	40	44	116	165	137	94	62	50	41	29	88
3	46	40	42	135	84	90	107	61	47	42	26	74
4	243	39	1,040	89	71	282	340	58	66	44	25	24
5	702	37	221	88	68	120	256	46	130	40	76	24
6	139	39	102	82	241	105	127	54	52	39	35	21
7	73	37	77	78	547	98	105	54	94	94	87	21
8	156	79	66	74	170	105	100	53	524	111	97	17
9	49	40	57	74	111	90	91	75	106	60	50	30
10	46	35	53	132	118	86	83	113	166	53	73	155
11	44	33	52	77	90	81	80	67	591	85	29	75
12	41	31	200	74	548	619	366	67	769	54	33	30
13	41	31	80	71	192	168	147	52	108	45	31	25
14	41	31	59	66	124	108	91	48	96	62	25	22
15	524	33	52	66	101	91	190	46	456	123	49	21
16	807	32	49	84	91	81	191	45	166	56	35	21
17	137	33	48	77	324	821	88	44	91	44	28	20
18	80	32	82	73	194	771	79	45	76	41	26	27
19	64	44	48	69	112	166	161	45	64	41	33	21
20	55	131	210	67	104	146	90	72	58	36	84	18
21	49	40	92	67	87	111	74	57	54	36	45	16
22	45	33	69	63	80	102	71	553	51	35	28	16
23	42	33	60	1,350	76	332	64	88	50	34	66	16
24	44	197	82	582	188	972	62	69	120	34	44	70
25	41	728	603	172	238	292	80	65	72	33	110	23
26	46	130	1,080	132	94	766	96	59	48	102	46	14
27	44	71	480	111	86	370	420	83	55	84	30	15
28	41	184	169	98	79	166	107	72	54	53	24	12
29	42	84	132	101	-----	149	78	97	60	45	22	14
30	12	56	113	127	-----	134	70	49	48	37	19	156
31	41	-----	105	94	-----	114	-----	45	-----	31	19	-----
TOTAL	3,756	2,373	5,615	4,587	4,510	7,756	4,009	2,380	4,786	1,678	1,267	1,070
MEAN	121	79.1	181	148	161	250	134	76.8	54.1	54.1	40.5	35.7
MAX	807	728	1,080	1,350	548	972	420	553	914	123	110	156
MIN	41	31	42	63	68	81	62	44	44	31	19	12
CFSM	1.40	.91	2.09	1.70	1.86	2.88	1.54	.88	1.84	.62	.47	.41
IN.	1.61	1.02	2.41	1.97	1.93	3.32	1.72	1.02	2.05	.72	.54	.46

CAL YR 1964: TOTAL 68,902

MEAN 188

MAX 3,740

MIN 22

CFSM 2.17

IN 29.52

WAT YR 1965: TOTAL 43,787

MEAN 120

MAX 1,350

MIN 18

CFSM 1.38

IN 18.76

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Remarks --Records fair

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964													
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
1	18	44	28	252	48	40	54	62	108	25	32	18	
2	16	22	40	71	38	418	54	365	39	25	25	16	
3	15	13	68	57	36	256	54	690	34	38	22	16	
4	15	12	29	52	35	104	53	118	31	41	113	16	
5	14	145	25	42	85	238	50	78	31	24	359	15	
6	12	72	23	53	150	73	1,740	66	34	20	42	14	
7	12	22	22	78	55	63	594	62	31	19	32	13	
8	11	17	39	66	46	62	230	58	29	35	28	12	
9	11	20	25	378	40	54	110	55	31	28	28	13	
10	11	20	22	96	42	75	83	54	28	24	32	13	
11	11	14	212	55	51	50	68	50	28	24	102	13	
12	11	14	280	74	37	46	69	59	126	137	36	78	
13	11	13	150	63	86	43	250	53	44	48	28	25	
14	12	13	210	44	80	392	130	50	29	28	25	16	
15	14	13	75	40	68	1,170	80	46	26	26	25	16	
16	13	13	46	37	72	160	68	44	25	158	64	15	
17	12	14	37	49	48	88	62	42	25	35	38	14	
18	12	13	34	41	329	68	58	42	24	54	29	14	
19	12	14	29	35	154	63	56	41	23	35	26	14	
20	11	13	28	51	60	62	54	51	23	78	25	14	
21	10	14	27	35	51	66	52	42	23	46	23	13	
22	10	14	26	33	46	53	51	38	22	45	72	14	
23	11	75	47	32	42	50	53	51	182	43	88	13	
24	12	25	34	366	40	53	93	40	42	69	37	13	
25	10	17	28	1,450	83	932	204	38	45	216	25	12	
26	10	80	29	142	55	679	184	35	74	38	23	10	
27	10	172	29	68	46	124	555	34	43	30	57	10	
28	10	87	28	58	50	141	34	26	27	24	12	12	
29	9.6	31.0	47	26	42	66	74	40	22	40	21	16	
30	10	50	24	43	-----	58	70	34	20	32	42	9	
31	9.6	-----	76	50	-----	58	-----	34	-----	62	18	-----	
TOTAL	366.2	1,365	1,796	3,958	2,015	5,744	5,432	2,500	1,268	1,550	1,518	560	
MEAN	11.8	44.5	57.8	125.8	69.5	174	166	80	40.8	50.0	46.8	18	
MAX	18	310	280	1,450	329	1,700	1,740	690	182	216	359	78	
MIN	9.6	12	22	32	35	40	50	34	20	19	18	10	
CFSM	.34	1.31	1.66	3.67	2.00	5.32	5.20	2.32	1.21	1.44	1.41	.54	
IN.	.39	1.46	1.92	4.23	2.15	6.14	5.81	2.67	1.36	1.66	1.62	.60	
GAL YR	1963:	TOTAL	28,072.2	MEAN	76.7	MAX	1,740	MIN	9.6	CFSM	2.20	IN	30.00

APALACHICOLA RIVER BASIN

41

2-3370 Sweetwater Creek near Austell, Ga

Location --Lat 33°46', long 84°37', on right bank, 100 ft upstream from bridge on Interstate Highway 20 (400 ft upstream from Blair Bridge), 3 miles southeast of Austell, Cobb County, and 5½ miles upstream from mouth

Drainage area --246 sq mi

Records available --May 1904 to December 1905, November to December 1913, March 1937 to September 1965 Monthly discharges only for some periods, published in WSP 1304

Gage --Water-stage recorder Datum of gage is 857.01 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers) May 6, 1904, to Dec 31, 1905, and Nov 3 to Dec 27, 1913, staff gage at site 2½ miles upstream at different datum Mar 24 to Nov 29, 1937, staff gage at present site and datum

Average discharge --29 years (1904-5, 1937-65), 314 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,800 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	1500	8,120	16 8	Mar 14, 1963	1000	4,070	12 4	Apr 28, 1964	0300	2,300	8 1
Feb 26, 1961	1100	* 10,100	18 2	May 1, 1963	1400	* 4,350	12 8	May 4, 1964	0800	3,140	10 1
Apr 1, 1961	1800	1,860	7 3	June 21, 1963	2000	2,060	7 8				
				July 29, 1963	-	2,260	7 9	Dec 28, 1964	0400	* 4,160	12 1
Dec 14, 1961	0200	4,350	12 8	Jan 26, 1964	1500	3,460	10 8	Jan 24, 1965	1900	2,490	8 6
Dec 19, 1961	1800	* 4,990	13 7	Mar 5, 1964	0100	2,180	7 8	Mar 27, 1965	1200	1,900	7 0
Feb 24, 1962	0700	4,210	12 6	Mar 16, 1964	1700	3,280	10 4				
July 8, 1962	0600	2,300	8 4	Mar 27, 1964	0600	3,550	11 0				
Mar 7, 1963	0800	2,940	10 1	Apr 8, 1964	0600	* 6,270	14 7				

Annual minimum discharge, water years 1961-65					
Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 30, 1961	48	1964	Sept 27, 1964	72
1962	Sept 6, 1962	48	1965	Sept 1, 1965	72
1963	Oct 2, 1962	48			

1904-5, 1913, 1937-65 Maximum discharge, 10,400 cfs Nov 29, 1948 (gage height, 18.4 ft), minimum daily, 2.1 cfs Oct 9, 1954

Flood of July 8, 1916 reached a stage of about 20.0 ft. from information by local resident (discharge, 12,600 cfs from rating curve extended above 6,500 cfs on basis of contracted-opening measurement at gage height, 18.2 ft)

Remarks --Records fair

Revisions (water years) --WSP 1724 1949(M)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	402	168	122	309	145	1,110	1,800	472	176	268	95
2	234	144	117	275	144	690	1,760	458	168	240	290
3	180	135	112	256	140	570	1,250	402	158	216	83
4	147	122	111	207	138	510	768	360	152	255	82
5	166	117	112	176	133	464	620	336	156	242	125
6	306	116	112	160	129	448	520	324	153	207	74
7	374	112	112	151	174	660	430	315	150	183	88
8	477	108	114	145	326	866	416	300	144	200	108
9	1,220	108	111	135	320	1,000	500	330	134	174	112
10	1,270	119	108	127	288	760	700	345	135	152	89
11	1,030	131	188	122	239	615	600	520	146	140	111
12	600	129	229	120	213	494	1,100	520	255	198	112
13	329	126	211	120	198	494	1,620	482	374	330	93
14	259	122	174	172	187	615	1,370	388	292	600	81
15	215	119	158	196	176	555	910	330	620	560	73
16	187	117	153	196	170	479	805	292	822	378	74
17	168	117	144	174	164	402	680	258	560	312	104
18	151	117	138	153	318	448	600	242	412	260	65
19	140	116	127	158	1,050	555	493	242	315	282	61
20	204	112	126	211	1,560	555	434	234	285	315	82
21	182	111	154	198	2,860	540	395	220	454	260	81
22	176	109	156	170	6,000	510	370	214	402	218	56
23	154	140	149	160	6,100	479	348	430	354	190	73
24	140	170	136	154	3,800	417	339	327	440	188	65
25	126	170	135	147	5,050	386	330	275	395	198	61
26	120	160	131	149	9,240	362	360	246	660	171	402
27	122	142	136	158	5,600	335	940	240	640	138	318
28	119	136	135	154	2,490	342	1,370	222	490	120	210
29	117	135	127	149	-----	348	1,030	207	384	115	156
30	116	127	145	145	-----	388	660	195	309	108	124
31	124	-----	168	144	-----	1,060	-----	184	-----	100	232
TOTAL MEAN	9,555	3,855	4,351	5,291	48,352	17,477	23,338	9,910	10,135	7,318	4,025
MAX	1,270	129	229	309	9,240	1,110	1,800	520	822	600	402
MIN	116	108	108	120	129	335	330	184	134	100	56
CFSM	1.25	.52	.57	.69	7.02	2.22	3.19	1.30	1.37	.96	.53
IN.	1.44	.58	.66	.80	7.31	2.64	3.56	1.50	1.53	1.11	.44
CAL YR 1960: TOTAL 109,285	MEAN 230			MAX 2,920		MIN 48		CFSM 1.18		IN 19.97	
1961: TOTAL 147,060	MEAN 403			MAX 9,240		MIN 48		CFSM 1.18		IN 22.97	

APALACHICOLA RIVER BASIN

2-3370 Sweetwater Creek near Austell, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	49	43	106	336	590	605	830	333	472	141	135	45
2	48	47	103	345	542	560	725	298	405	122	117	40
3	50	48	101	318	508	542	605	272	548	115	107	33
4	57	52	98	298	472	508	542	255	525	350	98	30
5	57	57	98	290	455	490	490	240	490	270	90	31
6	57	61	108	580	438	472	609	226	342	760	90	30
7	55	64	153	600	417	455	1,080	215	238	1,830	84	31
8	53	66	154	540	408	438	980	210	188	2,180	112	40
9	52	63	135	440	420	472	770	200	162	1,250	100	46
10	50	62	575	388	420	560	575	190	154	375	88	48
11	48	64	1,030	339	405	860	635	190	198	262	78	51
12	48	64	2,440	318	393	950	1,380	184	302	292	75	42
13	45	66	3,650	298	384	830	1,660	172	420	270	73	46
14	45	80	3,930	304	378	710	1,380	165	268	202	75	129
15	42	108	2,660	360	369	590	830	157	226	168	78	232
16	42	130	1,170	398	420	525	575	146	188	160	85	76
17	42	165	718	374	438	490	508	138	167	146	81	72
18	42	152	2,620	339	420	455	455	134	152	278	73	62
19	42	118	4,560	600	490	438	414	133	140	164	71	52
20	42	100	3,700	718	490	438	393	124	157	138	70	48
21	43	92	1,900	640	525	525	372	118	217	152	74	42
22	45	87	1,440	520	1,440	525	372	118	217	152	74	42
23	47	197	468	500	3,260	490	342	110	134	106	106	40
24	40	339	426	560	4,000	438	336	107	107	108	86	41
25	41	312	384	520	2,900	438	339	105	112	140	76	44
26	37	255	351	451	1,500	650	381	100	141	179	69	63
27	35	180	339	468	800	635	384	94	221	134	67	76
28	34	140	381	940	650	560	357	90	384	113	60	75
29	36	121	360	1,120	-----	490	393	86	226	126	55	64
30	39	110	333	980	-----	438	393	292	183	144	52	59
31	42	-----	312	695	-----	665	-----	455	-----	154	49	-----
TOTAL	1,405	3,443	34,003	15,579	24,172	17,242	19,090	5,655	7,642	10,944	2,658	1,729
MEAN	45.3	111	1,097	503	863	556	636	182	235	333	85.7	57.6
MAX	57	339	4,560	1,120	4,000	950	1,660	455	548	2,180	184	232
MIN	34	43	98	290	369	438	336	86	107	106	49	30
CFSM	-18	-47	4.46	2.04	3.51	2.26	2.49	1.04	1.44	2.39	.85	.23
IN.	.21	.52	5.14	2.36	3.65	2.61	2.89	.85	1.16	1.65	.40	.26

CAL YR 1961: TOTAL 148,120 MEAN 461 MAX 4,560 MIN 34 CFSM 1.87 IN 27.92
 MAY YR 1962: TOTAL 143,559 MEAN 393 MAX 4,000 MIN 30 CFSM 1.87 IN 27.92

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	52	73	198	375	417	291	288	4,070	194	508	920	93
2	51	72	184	322	402	490	278	3,140	174	508	755	87
3	559	71	174	295	755	438	270	1,440	162	455	508	84
4	635	69	170	275	695	363	260	508	156	399	366	91
5	339	69	175	260	620	411	248	396	149	333	302	133
6	164	69	208	248	472	2,340	248	399	143	292	255	124
7	110	69	196	238	390	2,830	282	305	137	318	223	112
8	94	74	183	226	357	2,140	280	272	130	308	198	106
9	93	229	170	215	325	920	258	255	125	302	184	100
10	86	258	162	210	305	490	245	238	118	288	174	92
11	82	230	157	283	318	438	230	219	111	242	164	87
12	76	210	148	1,120	363	838	221	206	106	223	156	88
13	72	260	122	1,080	336	2,690	212	202	101	208	156	88
14	69	219	152	695	308	3,860	202	285	99	208	159	108
15	67	177	144	438	282	2,830	196	302	92	219	154	125
16	65	151	154	354	265	1,150	194	262	111	223	146	118
17	67	137	157	318	252	650	190	219	860	268	138	112
18	67	168	157	621	242	635	190	200	605	375	135	108
19	64	188	152	695	525	590	186	188	542	345	132	106
20	61	198	149	1,150	575	560	244	179	800	298	125	100
21	61	890	149	1,120	490	472	305	190	1,380	250	133	98
22	65	1,900	244	830	381	414	280	190	1,570	390	146	91
23	64	1,310	248	575	329	363	232	172	1,768	243	130	86
24	63	830	245	455	320	345	194	162	1,470	210	118	81
25	60	381	502	384	312	330	183	156	860	800	111	77
26	60	290	695	363	300	396	188	177	695	1,500	106	76
27	59	242	620	375	278	428	182	188	890	1,008	104	76
28	60	217	490	369	262	408	236	351	860	1,500	101	265
29	65	210	472	305	-----	360	1,230	360	800	2,200	105	560
30	69	208	508	330	-----	318	3,220	308	605	2,000	105	455
31	72	-----	438	438	-----	300	-----	240	-----	820	100	-----
TOTAL	3,571	9,049	7,943	14,962	10,875	29,098	10,973	15,870	15,805	17,170	6,609	3,927
MEAN	115	302	256	483	388	939	346	512	527	554	213	131
MAX	635	1,500	695	1,150	755	3,860	3,220	4,070	1,760	2,200	920	560
MIN	51	69	122	210	242	291	183	156	92	208	100	76
CFSM	-47	1.23	1.04	1.96	1.58	3.62	1.49	2.08	2.14	2.25	.87	.53
IN.	.54	1.37	1.20	2.26	1.64	4.40	1.66	2.40	2.39	2.60	1.00	.59

CAL YR 1962: TOTAL 125,291 MEAN 343 MAX 4,000 MIN 30 CFSM 1.40 IN 18.94
 MAY YR 1963: TOTAL 145,872 MEAN 400 MAX 4,070 MIN 51 CFSM 1.62 IN 22.05

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	495	190	261	450	450	465	622	312	151	199	164	74
2	348	181	240	420	595	540	588	294	145	175	141	129
3	223	177	233	465	510	570	525	275	139	175	125	312
4	605	177	1,220	435	450	780	885	261	162	190	119	266
5	1,220	177	1,440	390	420	798	1,250	253	238	203	112	214
6	1,190	175	1,070	348	455	692	1,250	243	266	277	119	154
7	640	175	570	334	1,280	570	1,040	236	425	250	151	125
8	362	177	405	326	1,410	540	745	230	885	280	157	111
9	269	175	348	318	1,220	495	622	233	728	312	194	99
10	228	173	315	450	710	465	555	228	465	334	334	98
11	196	172	296	525	570	450	510	223	738	280	177	120
12	181	168	480	465	920	780	762	302	1,040	307	134	175
13	175	170	540	390	1,160	920	850	236	588	243	122	145
14	170	170	465	348	980	762	588	206	390	197	117	120
15	230	168	362	334	692	570	495	190	405	708	112	106
16	1,380	168	320	348	570	510	525	181	450	269	109	98
17	1,620	168	299	348	658	606	480	175	376	240	109	117
18	1,440	170	329	315	885	1,190	435	172	318	181	103	132
19	622	173	318	312	728	920	420	170	266	179	96	122
20	362	230	390	312	588	658	435	164	230	166	93	98
21	299	230	465	310	540	540	405	175	206	154	90	87
22	261	206	435	299	495	495	376	362	192	143	86	82
23	243	183	376	1,010	450	495	362	348	181	134	87	77
24	226	348	420	2,330	480	540	348	266	138	138	348	98
25	216	950	1,280	2,290	762	1,660	334	218	253	143	152	120
26	208	885	1,860	1,440	675	1,480	348	266	230	156	129	96
27	208	640	3,240	640	555	1,800	525	216	196	172	112	82
28	420	3,860	525	588	495	1,280	480	203	203	203	77	99
29	206	362	2,450	480	-----	920	390	179	194	435	93	73
30	203	304	829	510	-----	780	334	166	210	376	87	100
31	196	-----	510	495	-----	692	-----	160	-----	216	81	-----
TOTAL MEAN	14,465 2,644	7,906 2,554	25,554 8,24	17,962 5,29	19,648 5,410	24,403 1,800	17,484 1,250	7,143 362	10,440 1,040	6,930 234	4,147 348	3,797 312
MAX	1,760	168	233	2,330	420	450	334	160	139	134	81	73
CSFM	1.89	1.07	3.35	2.36	2.85	3.20	2.37	.94	1.41	.91	.54	.50
IN.	2.18	1.20	3.86	2.72	2.97	3.69	2.64	1.08	1.58	1.05	.63	.56
GAL YR 1964: TOTAL 217,519 MEAN 594 MAX 5,940 MIN 73												
YR 1965: TOTAL 159,750 MEAN 438 MAX 3,860 MIN 73												
CSFM 1.78 IN 32.18												

APALACHICOLA RIVER BASIN

2-3371 North Fork Camp Creek at Atlanta, Ga

Location --Lat 33°39'40", long 84°30'40", at bridge on Redwine Road in Atlanta, Fulton County,
 U 6 mile upstream from mouth
 Drainage area --5 25 sq mi
 Records available --October 1963 to September 1965
 Gage --Digital water-stage recorder Datum of gage is 812 0 ft above mean sea level (levels by
 City of East Point) Prior to May 8, 1964, graphic water-stage recorder at same site and datum
 Extremes --1963-64 Maximum discharge during water year, 774 cfs Apr 6 (gage height, 7 5 ft),
 minimum daily, 0 85 cfs Oct 31
 1964-65 Maximum discharge during water year, 536 cfs Oct 16 (gage height, 5 96 ft), mini-
 mum daily, 1 0 cfs Aug 30, 31, Sept 1, 28
 Remarks --Records fair except those for period of no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	1.4	4.0	2.9	18	4.7	5.6	4.0	6.3	9.6	18	2.1
2	1.2	2.7	4.0	9.4	4.5	97	3.8	63	3.9	3.1	1.8
3	1.2	2.4	5.5	8.7	4.5	21	4.2	67	2.9	2.5	1.7
4	1.1	2.2	3.6	7.8	4.2	8.9	3.8	16	2.5	3.3	57
5	1.0	8.7	3.3	6.3	16	16	3.8	8.7	2.4	2.0	50
6	.93	2.5	2.9	9.2	12	7.2	293	7.2	2.6	1.8	8.0
7	1.0	1.8	2.9	8.7	7.8	6.0	35	6.0	2.6	1.7	6.0
8	.93	1.8	4.4	11	6.9	5.6	30	5.1	2.3	2.5	4.5
9	1.0	1.7	2.9	78	6.0	4.9	14	4.5	2.3	2.8	3.5
10	1.0	1.8	2.7	13	6.6	6.9	10	4.4	2.1	39	9.0
11	1.2	1.8	104	9.8	7.2	4.7	9.2	4.3	2.1	6.7	11
12	1.2	1.8	41	13	6.0	4.0	8.5	4.5	3.1	48	9.0
13	1.0	1.9	36	9.0	8.8	3.4	32	4.2	4.5	6.4	7.0
14	1.0	1.9	28	7.5	8.8	27	18	3.7	2.1	3.2	6.0
15	1.0	2.0	12	6.9	7.9	156	10	3.6	2.3	2.4	4.7
16	1.0	2.0	9.0	6.6	7.4	14	8.5	3.7	2.0	7.6	4.2
17	.93	2.0	8.1	8.5	6.3	8.7	7.5	3.7	1.9	2.4	3.9
18	1.0	2.0	7.5	7.2	48	6.6	6.5	3.6	2.1	37	3.3
19	.93	2.0	6.9	6.6	11	6.9	6.0	4.9	2.0	6.0	2.8
20	.93	2.0	6.6	8.6	8.1	6.6	5.4	9.3	1.9	18	2.5
21	.85	2.0	6.3	6.0	7.2	7.2	5.0	8.3	2.0	6.0	2.0
22	.93	2.0	6.0	5.8	6.6	6.3	4.7	3.8	2.0	7.2	3.9
23	1.0	4.7	9.5	5.6	6.3	5.8	4.5	2.7	15	9.6	15
24	1.0	2.4	7.5	85	6.5	5.3	4.2	2.7	3.0	20	9.0
25	1.0	2.0	6.9	115	7.8	153	11	2.7	6.8	35	4.0
26	1.0	4.0	6.6	8.7	6.6	94	12	2.6	4.5	5.7	2.2
27	1.1	1.9	6.6	6.3	6.9	12	68	2.4	2.5	4.2	2.4
28	1.2	4.9	6.3	5.8	6.9	6.9	17	2.6	2.0	2.9	2.7
29	1.4	19	6.0	5.1	5.6	5.6	8.2	2.5	1.8	2.3	2.5
30	1.6	4.2	6.0	4.9	4.7	7.2	2.6	2.0	6.4	2.3	6.1
31	1.8	12	6.1	5.1	6.7	6.7	2.8	2.8	3.1	2.4	2.4
TOTAL	33.63	96.1	373.9	507.1	253.1	722.5	645.0	269.2	98.8	316.8	277.5
MEAN	1.08	3.20	12.1	16.4	8.73	23.3	21.5	8.68	3.29	10.2	8.95
MAX	1.8	19	104	115	48	156	293	67	15	48	57
MIN	.85	1.7	2.7	4.9	4.2	3.4	3.8	2.4	1.8	1.7	1.7
CF5M	.21	.61	2.30	1.66	4.44	4.10	1.65	.63	1.95	1.71	.68
IN ₆	.24	.68	2.65	3.59	1.79	5.12	4.57	1.91	2.24	1.97	.76
CAL YR 1963: TOTAL	3,700.23	MEAN	10.1	MAX	293	MIN	.85	CF5M	1.93	IN	26.21

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	2.0	3.4	2.3	3.2	5.5	3.3	11	2.9	2.9	2.6	1.6
2	2.0	3.6	2.0	3.8	10	9.7	9.5	2.8	2.8	2.7	1.5
3	2.3	3.6	1.8	8.2	4.2	3.8	14	2.7	2.5	19	1.3
4	14	3.5	7.9	4.7	3.5	17	7.4	2.6	3.8	3.4	1.2
5	44	3.1	18	4.0	2.6	6.0	99	2.5	5.4	23	1.5
6	4.8	3.0	8.9	3.7	17	5.0	40	2.9	2.5	5.6	1.5
7	2.0	3.0	6.7	3.4	21	4.5	28	2.6	4.1	4.1	3.3
8	1.6	3.0	5.8	3.1	11	4.7	23	2.5	10	3.1	27
9	1.6	2.8	5.0	3.0	6.5	4.0	18	2.7	3.2	2.6	3.9
10	1.6	2.8	4.1	4.0	6.0	3.6	14	2.5	26	2.9	1.8
11	1.4	2.7	3.9	3.3	5.8	7.0	13	2.5	59	2.9	1.6
12	1.4	2.8	19	3.0	16	35	52	2.5	39	2.4	1.5
13	1.4	2.8	7.1	3.0	13	6.8	17	2.8	11	2.2	1.4
14	1.4	2.5	6.7	2.9	7.8	3.6	11	2.8	5.4	2.1	1.3
15	9.1	2.7	5.5	3.2	5.7	2.7	13	2.5	17	13	6.3
16	175	2.8	5.3	5.0	5.1	2.3	14	2.4	7.9	3.4	1.8
17	23	2.8	5.3	3.5	12	6.0	10	2.6	5.5	2.3	1.5
18	10	3.0	8.4	3.3	15	30	7.2	2.5	6.3	2.6	1.3
19	6.1	3.6	5.8	3.2	5.6	10	18	2.3	4.7	3.4	1.2
20	4.8	7.2	19	3.0	3.2	6.8	9.0	7.9	4.0	2.2	1.8
21	4.5	1.6	7.1	3.0	2.5	5.6	6.2	4.8	3.6	1.8	1.5
22	3.9	1.6	5.3	2.9	2.0	5.0	5.6	5.4	3.6	1.5	1.4
23	3.6	1.6	4.5	110	1.8	8.0	4.6	3.1	3.3	1.7	1.9
24	2.9	16	7.0	25	3.8	51	4.4	11	9.6	3.7	1.5
25	2.7	44	60	10	8.5	20	4.8	5.7	4.6	3.1	2.3
26	2.6	6.2	10	7.6	3.0	71	5.8	3.5	3.2	2.1	10
27	3.5	3.1	7.0	6.0	2.5	22	15	4.2	3.2	1.8	1.8
28	3.4	16	5.0	5.2	2.3	15	5.0	3.8	3.2	2.0	1.3
29	3.6	5.8	4.5	4.2	-----	20	3.6	3.3	7.0	2.1	1.1
30	3.4	3.2	4.0	3.7	-----	15	3.0	3.0	3.2	1.9	1.0
31	2.6	3.5	3.5	3.0	-----	12	2.9	2.9	1.6	1.0	-----
TOTAL	347.0	163.8	337.5	256.1	202.9	470.4	590.7	106.2	304.6	127.8	89.7
MEAN	11.2	5.46	10.9	8.23	7.25	15.2	18.4	3.49	10.7	4.13	2.87
MAX	175	44	79	110	21	71	99	11	59	23	27
MIN	1.4	1.6	1.8	1.9	1.8	2.3	3.0	2.3	2.5	1.5	1.0
CF5M	2.13	1.06	2.07	1.57	1.38	2.89	1.93	.66	.79	.55	.56
IN ₆	2.46	1.16	2.39	1.81	1.44	3.33	3.90	.77	2.16	.91	.63
CAL YR 1964: TOTAL	4,044.9	MEAN	11.1	MAX	293	MIN	1.4	CF5M	2.11	IN	28.65
WAT YR 1965: TOTAL	3,046.1	MEAN	8.35	MAX	175	MIN	1.0	CF5M	1.59	IN	21.58

Note --No gage-height record, Dec 23 to Jan 27

2-3375 Snake Creek near Whitesburg, Ga

Location --Lat 33°32', long 84°56', at downstream end of left bank pier of 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

Records available --September 1954 to September 1965

Gage --Digital water-stage recorder. Altitude of gage is 850 ft above mean sea level (from topographic map). Prior to Apr 14, 1964, graphic water-stage recorder at same site and datum

Average discharge --11 years, 53 5 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,000 cfs, revised), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	0700	1,020	5 38	Nov 21, 1962	1700	2,780	8 46	July 10, 1964	2000	1,740	6 75
Feb 23, 1961	0600	1,280	5 94	Mar 6, 1963	0300	3,660	9 77				
Feb 25, 1961	0700	* 7,690	14 40	Mar 12, 1963	2200	1,630	6 55	Oct 16, 1964	0515	1,510	6 38
Mar 31, 1961	0900	1,520	6 35	Apr 30, 1963	0600	* 4,630	11 10	Dec 4, 1964	0900	1,470	6 31
July 19, 1961	1000	1,460	6 27					Jan 23, 1965	1600	* 2,610	8 24
Dec 12, 1961	0500	* 2,900	8 66	Jan 25, 1964	0500	* 3,450	9 48	Apr 5, 1965	1415	1,900	7 08
Dec 18, 1961	0700	2,840	8 64	Mar 2, 1964	1800	1,740	8 82	June 7, 1965	2145	1,650	6 64
Feb 22, 1962	1100	2,780	8 53	Mar 15, 1964	1000	2,710	8 38				
Apr 12, 1962	1000	2,640	8 54	Mar 26, 1964	-	1,410	6 17				
				Apr 6, 1964	-	3,310	9 26				

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Water year	Date	Discharge
1961	Jan 22, 1961	a 11	1964	Oct 23, 1963	14
1962	Sept 21, 22, 24, 25, 1962	12	1965	Sept 22, 1965	19
1963	Sept 27, 1963	13			

a Result of freezeup

1954-65 Maximum discharge, 7,690 cfs Feb 25, 1961 (gage height, 14 40 ft), minimum, 2 3 cfs Oct 7, 1954 (gage height, 1 56 ft)

Remarks --Records fair

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	30	26	23	41	21	84	134	72	51	52	30	45
2	26	24	22	30	21	77	97	71	50	49	30	34
3	25	23	22	28	21	70	88	65	49	46	30	31
4	23	22	22	26	21	70	86	62	48	49	29	30
5	28	22	22	26	20	68	74	60	45	44	28	32
6	62	22	23	26	20	68	68	60	52	43	34	34
7	45	22	23	25	29	120	64	60	50	43	34	29
8	38	22	23	25	31	180	60	58	45	44	34	28
9	35	22	22	24	27	160	95	68	45	41	36	27
10	31	24	22	23	26	120	80	62	51	39	34	25
11	26	24	32	23	24	96	70	104	66	42	30	25
12	25	24	26	23	23	80	282	84	60	50	30	25
13	25	24	24	23	23	75	115	72	65	58	30	24
14	23	24	23	26	22	110	91	65	60	51	29	30
15	23	24	25	25	22	92	110	60	56	46	28	28
16	22	24	24	24	22	84	110	56	80	43	27	24
17	22	24	23	22	22	80	90	54	59	42	25	24
18	21	24	22	22	59	150	83	56	55	41	24	24
19	20	23	22	26	196	120	78	56	50	170	24	25
20	40	22	23	28	191	110	76	54	70	125	24	25
21	27	22	27	25	504	100	72	52	108	77	25	24
22	26	24	25	24	134	96	71	155	66	56	25	23
23	25	29	24	24	387	85	70	144	58	51	25	22
24	24	27	24	24	461	80	68	84	77	49	70	22
25	24	26	24	23	2,640	72	66	76	65	43	35	27
26	24	25	23	26	181	66	71	76	80	40	41	20
27	25	25	23	26	129	62	130	68	80	38	32	20
28	24	24	23	22	102	58	88	62	65	37	30	20
29	24	25	23	22	-----	54	76	60	59	36	29	19
30	24	23	26	22	-----	54	71	56	55	33	31	19
31	26	-----	30	22	-----	434	-----	54	-----	32	58	-----
TOTAL	863	716	741	776	5,379	3,175	2,732	2,186	1,820	1,610	1,000	780
MEAN	27.8	23.9	23.9	25.0	192	102	91.1	70.5	60.7	51.9	32.3	26.0
MAX	62	29	32	41	2,640	434	282	155	108	170	70	45
MIN	20	22	22	22	20	54	60	52	45	32	24	19
CFSM	.75	.65	.65	.64	5.19	2.77	2.46	1.91	1.64	1.40	.87	.70
IN.	.87	.72	.74	.78	5.41	3.19	2.75	2.20	1.83	1.62	1.01	.78

CAL YR 1960: TOTAL 20,657 MEAN 56.4 MAX 630 MIN 14 CFSM 1.23 IN 29.76
WAT YR 1961: TOTAL 21,778 MEAN 59.7 MAX 2,640 MIN 19 CFSM 1.61 IN 28.89

2-3375 Snake Creek near Whitesburg, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	20	17	23	49	70	76	99	90	54	36	28	15
2	19	17	23	45	64	72	80	88	50	34	27	14
3	22	17	23	44	60	71	74	86	91	36	26	14
4	21	20	22	43	59	68	71	82	51	62	27	14
5	20	20	24	48	58	66	71	80	51	50	25	16
6	19	20	29	121	55	64	131	78	48	65	24	14
7	19	19	27	78	54	60	127	76	46	64	24	14
8	18	18	24	65	55	60	88	74	45	48	30	17
9	18	18	24	58	55	66	82	72	44	41	24	18
10	18	18	348	56	54	82	78	70	46	38	22	16
11	16	19	152	51	51	99	435	68	52	36	21	15
12	16	19	1,670	50	50	236	878	68	62	36	21	14
13	16	19	232	48	50	90	183	66	51	34	22	21
14	16	21	117	46	50	78	140	66	49	33	66	18
15	15	36	117	56	49	76	121	66	42	32	31	18
16	15	36	93	52	52	71	110	64	40	34	33	16
17	16	28	105	49	50	66	104	62	39	31	25	16
18	16	24	820	49	49	65	99	60	38	30	23	15
19	16	23	127	158	51	64	95	59	35	29	23	14
20	16	24	99	95	49	64	91	58	39	29	21	13
21	16	24	82	76	64	98	90	55	39	28	23	13
22	16	23	72	68	889	72	90	54	35	28	25	13
23	16	88	66	84	195	68	90	54	34	26	23	13
24	16	48	58	80	179	65	88	52	37	34	23	13
25	16	34	54	71	117	74	120	50	36	42	21	13
26	16	30	50	68	100	77	100	49	34	33	20	40
27	16	28	50	102	90	68	92	48	44	28	18	32
28	16	25	55	159	83	65	88	48	93	38	18	25
29	16	24	48	97	-----	62	90	51	48	50	16	20
30	17	24	46	82	-----	62	96	60	40	33	16	16
31	17	-----	46	74	-----	109	-----	52	-----	31	15	-----
TOTAL	530	781	4,726	2,222	2,802	2,414	4,101	2,006	1,413	1,169	761	510
MEAN	17.1	26.0	152	71.7	100	77.9	137	64.7	47.1	37.7	24.5	17.0
MAX	22	88	1,670	159	889	90	236	878	90	93	65	66
MIN	15	17	22	43	49	60	71	48	34	26	15	13
CFSM	.46	.70	4.12	1.94	2.70	2.10	3.69	1.75	1.27	1.02	.66	.46
IN.	.53	.79	4.75	2.23	2.82	2.43	4.12	2.02	1.42	1.18	.76	.51
CAL YR 1961:	TOTAL 25,495			MEAN 69.8	MAX 2,640	MIN 15	CFSM 1.89	IN 25.63				
MAT YR 1962:	TOTAL 23,435			MEAN 64.2	MAX 1,670	MIN 13	CFSM 1.74	IN 23.56				

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	16	15	32	34	45	45	55	116	56	48	45	21
2	16	15	32	32	46	46	53	88	52	55	35	24
3	41	15	31	30	122	42	52	75	51	48	32	23
4	25	16	31	29	75	42	51	66	48	38	30	23
5	20	15	33	28	63	166	49	60	46	35	28	22
6	18	15	26	28	58	964	52	53	44	34	26	20
7	18	15	24	27	49	120	52	51	42	35	26	19
8	21	24	24	33	45	93	49	49	41	38	26	19
9	18	83	22	32	42	80	48	48	38	34	25	21
10	17	38	22	27	41	74	46	45	36	31	24	20
11	17	28	23	84	53	68	46	44	34	30	23	18
12	17	51	22	110	53	411	45	44	33	29	22	18
13	16	40	25	56	46	251	44	45	31	28	34	17
14	16	30	24	42	44	110	42	56	30	30	35	19
15	16	27	24	37	48	90	42	49	28	31	24	22
16	16	25	23	41	46	80	42	44	61	31	23	20
17	17	25	22	39	46	83	42	41	53	41	23	19
18	20	30	27	96	38	76	39	45	52	51	22	19
19	19	28	23	74	98	72	39	39	48	37	22	18
20	15	30	22	130	63	70	49	38	72	36	36	16
21	15	696	22	96	62	60	42	38	60	49	36	16
22	18	135	32	72	55	59	41	36	90	29	27	16
23	20	76	25	65	48	59	37	35	76	26	24	15
24	18	56	24	59	46	58	36	34	60	93	22	14
25	18	48	55	55	45	58	39	34	51	65	21	14
26	18	41	53	49	42	83	38	39	55	53	21	14
27	16	36	46	51	41	70	37	79	60	56	22	14
28	15	33	41	38	41	65	45	108	49	42	22	64
29	15	33	48	35	-----	60	297	116	45	45	23	46
30	15	31	42	44	-----	58	1,330	74	44	42	26	26
31	15	-----	36	48	-----	56	-----	62	-----	50	22	-----
TOTAL	562	1,750	936	1,621	1,501	3,669	2,879	1,751	1,486	1,290	827	637
MEAN	18.1	56.3	30.2	52.3	53.6	118	96.0	56.5	49.5	41.6	26.7	21.2
MAX	41	696	55	130	122	964	1,330	116	90	93	45	64
MIN	15	15	22	27	38	42	36	34	28	26	21	14
CFSM	1.58	1.58	.82	1.41	1.45	3.20	2.59	1.53	1.34	1.12	.72	.57
IN.	.56	1.76	.94	1.63	1.51	3.69	2.89	1.76	1.49	1.30	.83	.64
CAL YR 1962:	TOTAL 20,646			MEAN 59.6	MAX 1,980	MIN 12	CFSM 1.28	IN 29.07				
MAT YR 1963:	TOTAL 18,509			MEAN 51.6	MAX 1,330	MIN 12	CFSM 1.28	IN 29.07				

2-3375 Snake Creek near Whitesburg, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	22	18	32	51	62	52	85	119	72	42	53	28
2	21	20	26	34	56	360	82	326	76	43	42	27
3	20	18	37	36	55	153	82	276	64	46	38	27
4	20	17	33	45	53	104	90	144	61	42	38	26
5	19	24	30	45	64	188	100	123	59	43	77	26
6	19	26	25	49	81	98	1,500	112	60	36	47	25
7	18	20	22	62	63	86	300	105	60	35	41	24
8	22	19	26	55	58	80	205	99	57	48	38	24
9	21	18	25	146	51	76	160	96	55	49	37	23
10	20	19	22	84	48	80	138	94	52	241	48	23
11	18	19	210	69	55	72	120	92	50	104	72	25
12	20	18	160	62	52	69	118	94	49	77	55	63
13	18	18	98	52	56	66	283	91	51	63	45	37
14	17	18	128	44	62	85	165	87	48	52	39	30
15	17	18	78	40	55	902	132	84	45	48	38	28
16	17	18	60	38	55	158	118	82	43	83	44	27
17	17	18	52	40	51	118	111	81	43	56	43	26
18	16	18	45	38	122	100	104	78	41	58	37	26
19	16	18	38	36	80	93	100	75	39	52	35	27
20	16	18	36	48	66	90	97	73	38	55	34	27
21	15	19	33	45	59	90	94	71	40	90	33	26
22	15	19	32	42	55	84	92	71	40	60	50	25
23	15	24	36	41	52	80	91	70	59	53	55	25
24	16	22	33	125	56	74	89	71	61	52	45	24
25	17	19	30	933	66	295	106	69	84	53	36	22
26	16	21	30	118	68	800	132	66	61	46	34	22
27	16	26	29	90	63	300	353	65	48	43	33	22
28	16	31	28	76	63	150	163	63	43	40	31	24
29	93	27	66	55	110	139	63	40	39	33	38	23
30	15	42	26	62	-----	90	125	65	37	39	33	44
31	15	-----	38	63	-----	85	-----	65	-----	56	30	-----
TOTAL	545	696	1,525	2,735	1,782	5,188	5,474	3,070	1,376	1,844	1,314	841
MEAN	17.5	23.2	49.2	86.2	61.2	167	162	99.0	52.5	59.5	42.4	28.0
MAX	22	93	210	943	122	902	1,500	326	84	241	77	63
MIN	15	17	22	34	48	52	82	63	37	35	30	22
CFSM	.48	.63	1.33	2.38	1.66	4.52	4.93	2.68	1.42	1.61	1.15	.76
IN.	.55	.70	1.53	2.75	1.79	5.21	5.50	3.09	1.58	1.85	1.32	.85

CAL YR 1963: TOTAL 18,427
WAT YR 1964: TOTAL 28,590MEAN 50.5
MEAN 72.7MAX 1,330
MAX 1,800MIN 15
MIN 13CFSM 1.36
IN 18.73

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	32	29	35	67	66	73	114	73	46	56	40	24
2	30	29	33	65	74	95	104	71	44	44	38	30
3	29	29	33	72	58	84	110	70	44	44	37	32
4	57	29	405	64	55	137	179	68	59	100	36	28
5	85	29	108	59	54	104	424	67	72	90	37	26
6	48	29	80	57	117	95	164	66	55	80	36	25
7	37	29	67	50	226	88	128	65	404	60	35	24
8	34	29	59	48	104	79	116	63	168	110	35	23
9	32	28	53	47	90	76	109	63	89	80	34	23
10	31	28	49	53	82	73	100	63	74	60	33	25
11	29	28	47	47	77	71	97	61	108	50	32	25
12	31	28	64	45	162	125	100	63	104	45	32	27
13	30	28	57	44	118	100	94	59	84	42	31	26
14	29	28	53	43	95	89	91	57	75	250	31	29
15	79	28	45	45	85	84	90	55	81	100	29	23
16	483	28	42	49	81	80	104	54	75	60	28	23
17	97	28	41	44	105	138	90	53	70	45	28	24
18	71	28	46	44	103	133	87	52	65	55	27	23
19	58	28	41	44	82	97	94	53	60	68	27	23
20	52	40	63	45	76	91	88	56	57	45	27	22
21	49	30	56	50	73	84	84	113	55	43	26	21
22	46	28	51	49	69	81	82	92	53	40	26	21
23	43	27	56	709	68	101	80	64	51	39	26	24
24	35	35	57	204	87	275	77	57	53	62	27	25
25	34	139	309	116	111	154	77	56	53	66	26	22
26	32	58	256	94	85	186	79	57	50	68	27	21
27	32	47	142	80	82	149	90	64	49	58	27	22
28	32	47	95	74	73	125	79	61	50	58	26	21
29	31	42	72	69	-----	139	76	52	47	56	25	23
30	31	44	75	69	-----	134	74	49	48	53	24	66
31	30	-----	70	64	-----	121	-----	47	-----	43	24	-----
TOTAL	1,771	1,082	2,670	2,613	2,558	3,461	3,281	1,944	2,343	2,070	937	771
MEAN	57.1	36.1	86.1	84.3	91.4	112	109	62.7	78.1	66.8	30.2	25.7
MAX	483	139	405	709	226	275	424	113	404	250	40	66
MIN	29	27	33	43	54	71	74	47	44	39	24	21
CFSM	1.54	.97	2.33	2.28	2.47	3.02	2.96	1.69	2.11	1.80	.82	.69
IN.	1.78	1.09	2.68	2.63	2.57	3.48	3.30	1.95	2.36	2.08	.94	.77

CAL YR 1964: TOTAL 29,347
WAT YR 1965: TOTAL 25,501MEAN 80.2
MEAN 69.9MAX 1,500
MAX 709MIN 22
MIN 21CFSM 2.17
IN 29.50

APALACHICOLA RIVER BASIN

2-3380 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 Railroad bridge, 1½ 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

Records available --October 1938 to June 1954, January to September 1965

Gage --Digital water-stage recorder Datum of gage is 682.06 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 Prior to Mar 18, 1939, staff gage and Mar 18, 1939, to Apr 30, 1949, wire-weight gage at site 1 mile upstream at datum 2 feet higher May 1, 1949, to June 30, 1954, wire-weight gage at present site at datum 2 feet higher

Average discharge --15 years, (1938-53), 3,740 cfs

Extremes --1965 Maximum discharge during period January to September, 23,600 cfs Jan 24 (gage height, 16.7 ft), minimum daily, 1.510 cfs Aug 23
1938-54, 1965 Maximum discharge, 59,000 cfs Jan 10, 1946 (gage height, 25.1 ft, site and datum then in use, from graph based on gage readings), from rating curve extended above 30,000 cfs on basis of velocity-area and channel-capacity studies, minimum daily, 468 cfs Oct 6, 1941

Remarks --Records good Flow regulated by Lake Sidney Lanier (see station 2-3344)

DISCHARGE, IN CUBIC FEET PER SECOND, JANUARY TO SEPTEMBER 1965												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1				7,000	2,830	2,830	9,260	6,830	2,080	2,820	2,200	1,800
2				5,000	3,600	3,710	11,300	4,060	2,500	2,760	1,670	2,200
3				3,300	4,150	4,630	11,300	2,640	2,600	2,660	2,140	3,100
4				4,000	3,710	5,270	7,080	4,440	2,750	2,210	2,840	3,010
5				5,500	3,600	5,680	8,300	6,380	3,090	1,890	2,950	2,240
6				5,500	3,710	4,880	10,100	6,410	2,660	2,390	3,010	1,840
7				5,400	8,460	3,400	10,200	6,350	2,600	3,480	3,090	1,710
8				5,200	6,940	3,200	9,580	6,360	9,840	5,110	2,430	2,600
9				3,930	5,680	4,390	7,500	3,860	6,860	4,870	2,250	5,010
10				3,010	5,270	5,010	6,100	2,480	4,740	4,170	2,570	5,540
11				3,100	4,510	4,880	4,150	3,350	6,370	2,800	2,560	6,100
12				3,500	6,100	6,240	3,600	5,000	7,750	2,020	2,450	3,560
13				4,270	7,820	7,980	7,220	4,700	5,340	2,380	2,470	1,980
14				4,040	5,010	4,630	6,100	4,570	3,600	2,730	2,420	1,880
15				4,040	4,040	3,400	5,540	4,430	4,240	2,990	1,680	2,650
16				4,150	4,040	4,390	6,240	3,050	6,740	3,590	1,780	2,740
17				2,920	4,630	5,540	5,270	2,110	5,160	3,010	2,290	2,830
18				2,380	6,660	12,400	3,820	2,540	4,380	2,100	2,680	2,740
19				2,470	5,400	8,460	2,830	3,470	3,980	1,770	2,870	2,020
20				3,010	4,880	6,380	4,270	3,510	2,690	2,640	2,900	1,710
21				3,200	3,710	4,150	4,630	3,750	2,200	3,700	3,060	1,750
22				2,830	3,100	3,400	5,010	5,280	3,100	3,680	2,370	1,710
23				8,680	3,400	5,140	5,270	4,060	4,050	3,620	1,510	2,290
24				22,200	3,600	11,700	5,010	2,440	4,010	3,950	2,110	2,380
25				9,840	4,880	13,500	3,400	2,680	4,940	3,120	3,100	2,470
26				6,800	4,630	11,700	2,740	3,280	6,470	2,610	3,400	1,800
27				5,140	4,040	15,400	4,510	3,130	4,280	2,740	3,300	1,550
28				4,150	3,300	12,800	6,710	3,100	2,140	3,160	3,010	1,630
29				3,930	-----	8,780	6,790	3,020	2,330	3,380	2,200	2,240
30				3,930	-----	8,300	6,940	2,310	2,760	3,760	1,710	2,560
31				3,500	-----	9,420	-----	1,800	-----	3,320	1,590	-----
TOTAL				155,920	131,700	211,580	190,770	121,390	126,250	95,430	76,410	77,460
MEAN				5,030	4,254	6,489	6,154	3,916	3,978	3,078	2,461	2,488
MAX				22,200	8,460	15,400	11,300	6,830	9,840	5,110	3,400	6,100
MIN				2,380	2,830	2,830	2,740	1,800	2,080	1,770	1,510	1,550

2-3390 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, 1½ miles downstream from Beach Creek, 2 miles upstream from Jackson Creek, and 4½ miles northwest of La Grange, Troup County

Drainage area --182 sq mi

Records available --January 1951 to September 1965

Gage --Digital water-stage recorder Altitude of gage is 601 ft above mean sea level (by barometer) Prior to May 13, 1964, graphic water-stage recorder at same site and datum

Average discharge --14 years, 230 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,500 cfs revised), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	1400	5,610	13 1	Apr 15, 1962	2100	1,860	8 74	Mar 16, 1964	1800	2,840	9 5
Feb 25, 1961	1900	* 21,600	22 5	Nov 22, 1962	1100	2,140	9 23	Apr 7, 1964	1800	7,340	13 8
Apr 1, 1961	1500	4,600	12 1	Jan 21, 1963	1500	* 2,290	9 38	Apr 14, 1964	1500	1,540	7 6
Aug 25, 1961	2100	2,070	9 1	Mar 7, 1963	2200	1,550	8 08	Apr 28, 1964	1300	* 7,580	13 7
				June 27, 1963	1100	1,700	8 36	May 4, 1964	0700	2,160	8 6
Dec 13, 1961	1700	* 4,300	11 91					Oct 17, 1964	1700	2,550	9 06
Feb 24, 1962	0700	1,790	8 67	Jan 26, 1964	1900	1,880	8 2	Dec 26, 1964	1100	* 3,900	10 53
Mar 12, 1962	1400	2,140	9 22	Mar 4, 1964	1400	1,600	7 7	Jan 24, 1965	1100	2,310	8 55
Apr 2, 1962	0600	1,530	8 20								

Annual minimum discharge, water years 1961-65					
Water year	Date	Discharge	Water year	Date	Discharge
1961	Oct 26, 1960	59	1964	Oct 22, 23, 1963	43
1962	Sept 4, 6, 7, 1962	23	1965	Sept 22, 1965	35
1963	Oct 25, 26, 1962	26			

1951-65 Maximum discharge, 21,600 cfs Feb 25, 1961 (gage height, 22 5 ft), minimum, 4 6 cfs Oct 6, 1954

Revisions --The figures of maximum discharge for some water years have been revised as shown in the following table They supersede figures published in the water-supply papers indicated

Revised annual maximum discharge (*) and peak discharges above base (1,500 cfs)									
WSP	Water year	Date	Time	Discharge (cfs)	Gage height (feet)	WSP	Water year	Date	Time
1234	1952	Mar 5, 1952	0700	4,200	11 28	1434	1956	Mar 17, 1956	1900
1274	1953	May 2, 1953	0300	2,760	9 7			Sept 27, 1956	0300
1334	1954	Dec 5, 1953	2300	2,760	9 7				

Remarks --Records fair

Revisions (water years) --Revised figures of discharge, in cubic feet per second, for high water periods in the water years 1952, and 1956, superseding figures published in WSP 1234, and 1434, are given herewith

Mar 4, 1952	2,680	Mar 16, 1956	1,930
5, 1952	3,720	17, 1956	3,900
		18, 1956	2,600

Month	Cfs-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
March 1952	25,414	3,720	287	820	4 51	5 20
Water year 1951-52	79,935	3,720	20	218	1 20	16 34
Calendar year 1952	70,780	3,720	20	193	1 06	14 47
March 1956	17,657	3,900	132	570	3 13	3 61
Water year 1955-56	66,132	3,900	11	181	0 995	13 50
Calendar year 1956	77,315	3,900	11	211	1 16	15 80

2-3390 Yellowjacket Creek near La Grange, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	150	80	77	170	118	552	3,900	279	126	150	71	200
2	111	76	75	165	111	452	2,070	398	118	136	67	176
3	93	68	75	122	108	389	815	416	113	126	65	140
4	83	65	75	104	105	348	541	286	110	122	64	122
5	81	64	76	98	100	316	470	244	108	111	64	112
6		65	76	93	97	293	389	230	140	108	67	122
7	78	66	76	91	118	510	332	218	224	107	324	280
8	98	65	77	89	170	800	300	206	165	107	564	265
9	90	67	76	85	160	770	324	200	136	112	480	170
10	85	70	74	84	136	510	425	212	131	101	286	131
11	76	73	77	81	122	364	372	286	118	118	165	122
12	73	73	81	83	118	308	599	380	108	218	136	113
13	71	72	76	85	110	300	940	356	107	188	118	107
14	71	72	72	102	107	380	800	272	106	272	103	140
15	70	72	76	108	104	324	530	224	100	279	96	206
16	67	74	89	100	100	265	740	200	107	170	92	155
17	64	81	85	93	98	237	845	182	118	140	85	122
18	64	82	77	86	290	279	530	165	118	140	78	108
19	63	79	75	93	1,370	332	364	155	108	145	73	103
20	67	76	74	131	3,900	279	308	150	112	122	70	106
21	68	76	82	122	5,300	258	279	140	457	126	69	102
22	66	76	85	102	3,900	286	258	136	940	108	69	96
23	65	80	78	95	2,560	265	237	165	1,080	100	87	91
24	64	86	76	95	2,140	224	224	224	526	118	451	87
25	61	86	79	95	15,800	206	218	182	251	131	1,210	82
26	59	84	80	131	11,200	194	251	224	258	101	1,440	81
27	61	84	81	206	1,860	188	434	212	316	89	440	80
28	61	83	80	194	845	212	644	176	300	88	218	76
29	61	82	78	155	-----	251	561	155	230	97	170	71
30	61	83	86	136	-----	230	324	140	176	89	145	68
31	67	-----	103	122	-----	1,620	-----	131	-----	77	160	-----
TOTAL	2,338	2,260	2,447	3,516	51,147	11,942	19,025	6,944	7,007	4,096	7,527	3,834
MEAN	75.4	75.1	78.9	111	1,627	384	584	224	234	132	240	128
MAX	150	86	103	206	15,800	1,620	3,900	416	1,080	279	1,440	280
MIN	59	64	72	81	97	188	218	131	100	77	64	68
CFSM	.41	.41	.43	.62	10.0	2.12	3.48	1.23	1.28	.73	1.33	.70
IN.	.48	.46	.50	.72	10.5	2.44	3.89	1.42	1.43	.84	1.54	.78

CAL YR 1960: TOTAL 79,658 MEAN 218 MAX 2,440 MIN 37 CFSM 1.20 IN 16.38
WAT YR 1961: TOTAL 122,083 MEAN 334 MAX 15,800 MIN 59 CFSM 1.84 IN 24.98

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	64	63	76	237	314	354	1,200	252	145	83	72	28
2	64	64	75	244	290	346	1,410	215	118	74	57	26
3	64	64	75	215	267	354	747	195	100	69	51	25
4	64	69	75	202	252	330	470	183	89	113	50	24
5	68	79	81	202	244	298	402	178	89	107	48	25
6	64	76	113	456	237	274	430	172	86	91	44	24
7	61	73	126	728	222	252	522	161	80	145	42	24
8	59	70	106	630	215	244	522	156	77	139	61	26
9	59	67	92	378	215	260	410	150	75	88	68	33
10	59	67	505	314	208	306	362	140	86	72	48	33
11	56	67	1,100	274	208	587	338	140	135	65	42	30
12	55	70	1,860	252	195	2,500	905	135	156	61	38	44
13	55	70	4,000	237	195	2,000	1,680	126	145	60	36	95
14	53	73	2,940	237	189	1,000	1,380	121	145	57	42	63
15	52	85	1,720	267	189	600	618	117	112	54	72	51
16	52	108	1,410	290	230	450	410	113	95	61	50	50
17	53	98	1,180	252	267	350	354	108	85	72	44	48
18	55	83	1,040	237	222	310	322	103	80	66	43	46
19	55	77	1,260	778	230	290	306	99	77	57	42	44
20	55	75	1,020	1,300	222	270	282	95	93	52	47	38
21	56	72	570	1,260	280	310	260	89	117	48	53	35
22	56	71	402	644	751	350	252	116	99	45	69	33
23	58	123	346	450	1,470	430	244	130	81	42	46	33
24	58	206	322	430	1,620	338	237	101	74	40	85	34
25	58	155	282	386	1,100	354	237	92	80	42	62	30
26	58	108	260	346	742	522	260	86	78	52	48	33
27	57	93	244	354	460	480	267	80	74	54	44	52
28	57	89	252	450	378	370	252	76	137	48	38	50
29	59	83	244	510	-----	322	394	72	183	76	35	44
30	61	78	222	450	-----	298	330	80	108	85	32	40
31	62	-----	215	362	-----	534	-----	99	-----	100	29	-----
TOTAL	1,812	2,576	22,213	13,372	11,412	15,683	15,803	3,980	3,099	2,218	1,538	1,161
MEAN	58.5	85.9	717	431	408	506	527	128	103	71.5	49.6	38.7
MAX	69	206	4,000	1,300	1,620	2,500	1,680	252	183	145	85	95
MIN	52	63	75	202	189	244	237	72	74	40	29	24
CFSM	.32	.47	3.94	2.37	2.24	2.78	2.89	.71	.57	.39	.27	.21
IN.	.37	.53	4.54	2.73	2.33	3.20	3.23	.81	.63	.45	.31	.24

CAL YR 1961: TOTAL 141,639 MEAN 388 MAX 15,800 MIN 52 CFSM 2.13 IN 28.94
WAT YR 1962: TOTAL 94,867 MEAN 260 MAX 4,000 MIN 24 CFSM 1.43 IN 19.39

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DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

CAL YR 1962: TOTAL	80,221	MEAN	220	MAX	2,500	MIN	24	CFSM	1.21	IN	16.39
WAY YR 1963: TOTAL	81,701	MEAN	224	MAX	2,230	MIN	26	CFSM	1.23	IN	16.69

CAL YR 1963:	TOTAL	81,266	MEAN	223	MAX	2,230	MIN	29	CFSM	1.22	IN	16.61
WAT YR 1964:	TOTAL	123,666	MEAN	338	MAX	6,380	MIN	43	CFSM	1.86	IN	28.27

APALACHICOLA RIVER BASIN

2-3390 Yellowjacket Creek near La Grange, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	116	137	186	325	254	260	293	157	84	127	81	41
2	119	135	173	295	323	397	272	151	81	118	75	53
3	106	134	167	318	307	388	261	144	80	110	70	74
4	122	133	308	303	256	428	324	138	92	111	64	76
5	523	130	426	295	236	449	478	133	136	114	64	66
6	892	129	311	238	282	361	524	128	112	137	67	59
7	604	128	222	228	738	312	403	125	105	138	71	52
8	209	127	194	220	911	288	361	121	100	127	85	47
9	164	127	181	212	611	265	322	118	100	130	100	43
10	143	125	172	232	414	248	293	123	100	119	83	42
11	129	123	166	237	343	233	272	116	105	121	70	70
12	120	123	204	211	481	288	269	113	280	114	69	51
13	116	124	223	199	790	406	283	109	350	110	65	49
14	113	125	200	193	718	335	256	103	260	99	62	48
15	218	125	179	191	490	284	233	99	220	132	66	47
16	1,210	124	170	223	383	260	260	95	400	143	94	51
17	2,300	124	168	228	485	268	241	92	280	115	87	50
18	1,600	124	174	200	906	587	217	89	210	98	69	52
19	449	124	173	193	956	790	87	190	111	60	35	45
20	252	169	214	189	562	486	274	93	180	110	66	45
21	208	173	287	187	407	363	246	96	170	91	72	41
22	186	141	245	183	347	298	213	302	160	83	76	38
23	127	213	347	300	333	300	215	115	80	101	60	36
24	162	148	218	2,230	300	633	186	161	150	92	62	36
25	155	489	1,880	2,050	380	648	179	137	150	100	55	115
26	150	543	3,590	1,130	340	467	181	120	145	84	52	70
27	144	291	2,230	282	282	201	1023	140	55	77	55	54
28	145	243	1,260	375	262	966	213	118	140	82	52	48
29	145	286	650	325	-----	480	180	115	140	109	48	48
30	142	227	432	299	-----	417	164	101	137	122	45	64
31	140	-----	359	270	-----	332	-----	91	-----	94	42	-----
TOTAL	11,257	5,258	15,575	13,109	13,072	13,093	8,001	3,886	4,952	3,400	2,098	1,616
MEAN	363	175	502	423	467	422	267	125	165	110	67.7	53.9
MAX	2,300	543	3,590	2,230	956	966	524	302	400	143	100	115
MIN	106	123	166	183	236	233	164	87	80	77	42	38
CFSM	2.00	.96	2.76	2.32	2.57	2.32	1.47	.69	.91	.60	.37	.30
IN.	2.30	1.07	3.18	2.68	2.67	2.68	1.63	.79	1.01	.69	.43	.33

2-3395 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, approximately

Records available --July 1896 to September 1965 Monthly discharge only for some periods, published in WSP 1304, gage-height records collected at site three-quarters of a mile downstream since 1899 are contained in reports of U S Weather Bureau

Gage --Digital water-stage recorder Datum of gage is 551 67 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 Prior to Oct 20, 1912, chain gage at site three-quarters of a mile downstream at datum 2 83 ft lower Oct 20, 1912, to Jan 25, 1925, staff gage at site 500 ft upstream at present datum July 26, 1925, to Sept 30, 1962 graphic water-stage recorder at present site and datum

Average discharge --69 years, 5,575 cfs (unadjusted)

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (25,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 26, 1961	0400	* 94,400	24 9	Apr 13, 1962	0815	31,800	15 93	Mar 16, 1964	1300	34,700	16 67
Apr 1, 1961	0500	36,800	17 2					Mar 28 1964	0800	28,400	14 96
				Nov 22, 1962	1330	* 35,100	16 77	Apr 7, 1964	1300	* 55,300	19 98
Dec 13, 1961	1415	* 47,200	19 79	Mar 14, 1963	1000	31,000	15 70	Apr 28, 1964	2300	31,500	15 87
Dec 19, 1961	1000	31,100	15 74	May 1, 1963	1700	* 35,100	16 77	May 4, 1964	1900	26,500	14 32
Feb 24, 1962	0230	30,800	15 65								
Mar 12, 1962	1415	25,100	13 86	Jan 26, 1964	1000	33,900	16 48	Jan 24, 1965	1600	38,600	17 85

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 5, 6, 1960	1,860	3 07	1964	Oct 29, 1963	1,430	2 76
1962	Sept 4, 1962	1,450	2 81	1965	Sept 29, 1965	1,760	2 90
1963	Sept 25, 1963	1,280	2 83				

1896-1965 Maximum discharge, 134,000 cfs Dec 10, 1919 (gage height, 30 0 ft at site then in use, 29 25 ft at present site, from floodmarks), from rating curve extended above 80,000 cfs on basis of computation of peak flow over Langdale Dam, minimum, 224 cfs Sept 12, 1925 (gage height, 1 64 ft)

Maximum stage known since at least 1827, 30 0 ft Dec 10, 1919

Flood in 1866 reached a stage of 25 6 ft at former site and datum, from floodmark, by U S Weather Bureau (discharge, 92,500 cfs)

Remarks --Records good Flow regulated by Lake Sidney Lanier beginning January 1956 (see station 2-3344)

Revisions (water years) --WSP 682 1920, drainage area WSP 972 1931-32 WSP 1504 1912, 1916-17

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT
1	5,920	2,150	4,720	3,360	2,790	16,000	35,200	6,460	3,530	5,740	2,470	5,400
2	4,550	2,790	4,720	3,700	2,790	9,180	24,300	6,100	3,530	5,400	2,230	4,550
3	3,190	2,870	4,720	2,950	2,710	7,540	11,100	8,080	3,440	5,060	3,530	3,970
4	2,390	3,030	4,720	2,950	2,710	6,820	9,180	8,440	3,360	4,210	4,040	3,110
5	1,930	2,950	2,950	3,440	2,710	6,280	9,170	8,080	2,870	4,550	4,210	2,710
6	2,150	2,950	2,150	3,440	2,310	5,920	8,620	8,080	2,790	4,890	3,870	2,630
7	3,280	2,390	3,780	3,440	2,310	10,100	8,990	7,720	4,040	4,720	4,380	3,280
8	3,960	2,010	4,720	3,360	3,360	15,000	9,180	4,890	4,380	4,720	4,950	3,190
9	3,030	2,310	4,720	3,360	4,040	12,800	8,990	4,210	4,210	5,060	4,550	2,870
10	6,100	2,710	4,720	2,310	3,530	10,100	8,080	4,720	4,210	3,530	4,890	2,970
11	4,380	3,110	4,720	2,550	3,780	7,900	7,540	5,570	4,210	2,790	5,740	2,550
12	3,780	3,190	3,360	3,360	3,110	6,640	10,900	8,260	3,110	4,890	6,640	2,310
13	3,530	3,030	2,790	3,360	2,710	5,920	17,500	7,720	3,870	6,460	6,640	2,790
14	3,030	2,470	3,030	3,530	2,470	6,820	15,000	5,920	4,040	8,440	3,780	4,180
15	2,790	2,070	3,440	3,960	2,550	8,800	13,000	4,720	4,550	8,080	2,470	4,380
16	2,710	3,360	3,440	3,030	2,710	8,440	13,400	4,210	5,060	7,000	3,780	4,720
17	2,390	4,720	3,440	2,550	2,710	8,080	11,500	5,570	6,460	4,210	4,040	4,040
18	2,150	4,720	3,280	3,190	4,520	8,260	8,080	5,740	5,230	3,440	4,040	2,950
19	2,150	4,550	2,630	3,530	14,900	9,180	9,370	5,920	3,530	5,060	7,870	2,390
20	2,550	4,550	2,230	3,960	33,300	6,460	10,100	5,920	3,190	5,740	3,700	3,110
21	2,790	2,870	2,630	4,210	33,200	5,740	9,750	5,570	7,900	7,360	2,630	4,210
22	3,110	2,150	3,700	3,780	34,400	8,260	9,560	3,870	11,700	5,740	2,150	4,210
23	2,710	3,530	3,620	2,950	34,000	7,900	9,180	4,720	8,990	5,230	3,780	4,210
24	2,310	5,060	3,530	2,470	36,600	7,720	5,920	6,640	6,820	3,780	6,100	3,960
25	2,070	5,230	3,440	2,710	69,900	7,540	5,730	5,740	7,720	3,030	8,080	2,790
26	2,310	5,060	2,710	3,530	80,000	7,180	7,360	5,570	6,100	3,280	8,620	2,710
27	2,470	4,890	2,230	4,120	51,000	4,890	10,700	5,230	8,440	3,870	7,720	2,390
28	2,790	3,030	2,470	4,040	36,800	4,550	15,200	4,890	8,260	3,780	4,720	2,390
29	2,790	2,230	2,550	3,620	-----	6,460	13,200	3,620	8,800	3,700	3,110	2,470
30	2,710	3,960	2,630	2,950	-----	6,640	10,100	3,280	6,460	3,530	3,110	2,450
31	2,470	-----	2,870	2,550	-----	21,200	-----	3,440	-----	2,710	3,780	-----
TOTAL	94,490	99,940	106,640	102,260	479,420	264,320	345,690	178,900	160,800	150,000	137,210	93,510
MEAN	3,048	3,191	3,441	3,299	17,112	8,826	11,152	5,771	5,360	4,839	4,426	3,117
MAX	6,100	5,230	4,720	4,210	80,000	21,200	35,200	8,440	11,700	8,440	8,620	5,400
MIN	1,930	2,010	2,150	2,310	2,310	4,550	5,230	3,280	2,790	2,710	2,150	2,230
CAL YR 1960: TOTAL	2,035,250											
MEAN	5,564											
MAX	27,300											
MIN	1,540											
MEAN†	5,322											
CFSMT†	1 56											
IN†	20 42											
WAT YR 1961: TOTAL	2,219,110											
MEAN	6,080											
MAX	80,000											
MIN	1,930											
MEAN†	6,200											
CFSMT†	1 75											
IN†	23 76											

† Adjusted for change in contents in Lake Sidney Lanier

APALACHICOLA RIVER BASIN

2-3395 Chattahoochee River at West Point, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	2,730	2,680	2,420	5,820	8,080	10,200	18,100	5,790	3,770	3,590	4,400
2	2,200	3,830	2,530	4,800	7,360	9,810	15,500	7,120	4,030	2,910	2,890
3	1,620	3,820	2,510	7,510	6,820	9,530	9,470	7,380	3,910	2,380	1,980
4	2,110	3,370	2,340	9,130	6,640	9,260	9,670	7,220	3,750	2,990	3,900
5	2,330	4,080	2,060	9,140	4,890	6,920	9,620	7,040	3,640	3,790	2,480
6	2,030	3,520	2,330	11,400	4,210	5,340	10,700	6,450	3,560	4,040	2,990
7	1,770	1,940	2,960	13,300	4,210	8,190	12,900	4,370	3,750	10,500	2,100
8	1,770	1,690	2,980	8,140	4,380	8,960	13,500	3,740	3,580	10,500	2,950
9	1,600	3,590	2,820	6,110	4,380	9,150	8,290	4,240	3,530	5,670	1,320
10	1,520	3,610	7,570	7,520	4,380	9,780	7,160	4,930	3,500	4,670	3,050
11	2,170	3,670	18,600	8,260	4,300	13,300	9,110	4,950	3,450	3,640	2,820
12	2,950	3,570	27,000	8,080	3,870	24,700	21,000	4,920	3,550	3,390	2,680
13	2,860	2,490	45,400	7,900	3,530	21,400	31,000	4,630	4,840	3,370	2,190
14	2,840	2,100	40,700	7,720	3,780	13,100	24,100	3,480	6,850	3,920	1,930
15	2,810	2,680	34,000	5,230	3,870	11,200	11,900	3,110	6,150	3,350	3,030
16	2,190	3,920	19,300	5,060	4,210	11,200	11,900	3,490	5,770	2,560	2,880
17	1,780	4,060	11,900	7,180	4,380	11,200	9,190	4,360	5,440	2,180	2,710
18	2,180	3,880	17,500	8,080	4,300	10,900	10,300	4,640	3,410	2,230	2,540
19	3,240	3,680	30,100	13,400	3,960	9,970	10,900	4,560	3,130	2,170	2,550
20	3,240	2,680	25,100	19,000	3,960	8,000	10,500	4,280	4,170	2,350	2,170
21	3,240	2,210	17,700	13,800	5,060	9,650	10,200	3,180	6,250	2,160	1,900
22	3,240	2,440	13,100	8,080	11,300	11,800	10,100	2,830	6,220	2,120	2,990
23	2,440	2,960	10,100	6,640	27,500	10,700	9,610	2,990	5,780	1,960	3,660
24	1,840	4,750	9,290	8,800	30,000	10,100	7,810	3,650	5,480	1,660	3,580
25	2,610	4,820	9,950	8,990	25,100	10,200	8,390	3,780	3,500	1,980	3,460
26	3,740	3,690	7,050	8,440	18,400	8,710	10,300	3,900	2,760	2,500	3,240
27	3,780	3,120	8,550	8,260	11,400	8,840	8,720	3,720	2,660	2,740	2,200
28	3,690	2,680	9,630	9,370	10,600	9,510	7,090	2,890	4,230	2,760	1,770
29	3,650	2,470	9,960	11,100	-----	9,030	7,760	2,670	2,060	2,680	2,720
30	2,540	2,250	9,450	9,180	-----	8,590	6,660	4,800	4,220	2,960	3,110
31	1,880	-----	9,170	8,260	-----	11,700	-----	3,500	-----	2,920	3,010
TOTAL	78,590	96,750	413,570	273,700	234,870	330,940	351,450	136,510	129,940	106,280	91,270
MEAN	2,535	3,225	13,340	8,829	8,388	10,680	11,720	4,404	4,331	3,420	2,944
MAX	3,780	4,820	45,400	19,000	30,000	24,700	31,000	7,380	6,850	10,500	4,400
MIN	1,520	1,690	2,060	4,800	3,530	5,340	6,660	2,670	2,660	1,660	1,770

CAL YR 1961: TOTAL 2,506,930 MEAN 6,868 MAX 80,000 MIN 1,520 MEAN† 7,267 CFSM† 2 05 IN † 27 83
 WAT YR 1962: TOTAL 2,330,230 MEAN 6,384 MAX 45,400 MIN 1,520 MEAN† 6,324 CFSM† 1 78 IN † 24 16

† Adjusted for change in contents in Lake Sidney Lanier

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	2,560	4,990	3,280	4,070	5,500	3,620	4,450	34,400	7,110	8,030	5,110
2	2,100	4,650	3,110	3,530	5,000	3,850	3,980	32,300	7,770	7,170	5,020
3	3,300	4,670	2,950	3,420	6,720	4,220	4,220	22,600	4,400	6,470	1,870
4	7,570	4,620	2,710	3,260	8,970	4,020	4,660	10,800	2,700	8,600	2,610
5	9,590	3,060	2,790	3,070	7,110	3,920	4,580	10,200	3,240	8,120	2,850
6	5,010	2,370	2,870	2,970	5,680	13,500	4,560	11,700	3,490	7,860	2,550
7	7,020	4,500	2,950	2,830	5,050	23,400	4,750	11,100	3,420	7,490	2,740
8	2,800	4,190	2,790	19,000	4,910	17,800	4,450	11,600	3,470	5,490	4,610
9	2,390	7,060	2,870	2,650	4,240	10,600	3,890	11,200	3,300	3,810	3,460
10	2,410	8,660	2,630	2,710	3,970	7,570	6,230	11,100	2,360	4,670	3,210
11	2,840	8,010	2,390	2,850	3,840	5,420	7,840	10,400	2,020	4,760	3,060
12	3,180	7,340	2,410	5,580	4,540	5,040	7,800	8,700	2,240	6,050	2,450
13	3,180	5,390	2,380	9,850	5,370	20,600	7,690	4,920	2,240	7,190	2,030
14	3,060	7,100	2,360	6,630	4,660	30,300	7,320	3,810	2,190	7,190	4,140
15	2,430	5,490	2,450	4,850	4,190	23,800	4,640	4,990	2,200	4,080	6,220
16	1,720	5,150	2,450	3,980	3,940	12,400	3,360	5,160	2,120	2,880	6,160
17	1,740	7,470	2,450	3,660	3,710	8,540	3,670	6,500	2,500	5,720	6,060
18	2,620	7,930	2,340	6,520	3,510	7,130	4,610	6,010	5,990	8,190	5,880
19	2,670	4,830	2,500	11,900	4,510	6,560	4,680	5,720	6,990	9,210	3,500
20	2,690	3,450	2,500	15,700	7,690	6,080	4,720	4,010	6,560	8,730	2,330
21	2,670	13,000	2,620	18,400	6,990	6,110	5,110	3,130	8,580	8,910	4,730
22	2,290	33,600	2,590	13,500	5,360	5,570	4,350	3,790	12,600	6,020	6,410
23	1,760	29,900	3,020	8,490	4,680	5,040	3,530	4,580	13,500	3,700	6,300
24	2,020	18,200	3,060	6,220	4,250	4,540	5,120	4,230	10,700	6,470	6,080
25	2,980	11,100	3,000	5,200	4,080	4,310	6,530	4,110	7,550	11,100	5,700
26	2,860	5,740	4,730	4,620	3,760	6,640	6,800	4,070	7,710	12,400	3,730
27	2,930	4,040	6,020	4,390	3,690	8,250	6,720	4,000	9,690	7,070	2,000
28	2,960	3,620	4,690	4,240	3,740	6,740	6,370	6,860	10,400	5,120	3,590
29	2,790	3,360	4,250	3,870	-----	5,210	5,190	9,790	9,020	4,080	5,130
30	2,140	3,330	4,790	3,980	-----	4,750	21,000	8,800	8,760	4,640	5,090
31	3,620	-----	5,020	5,220	-----	4,450	-----	5,580	-----	5,010	5,290
TOTAL	96,900	239,020	96,970	180,790	139,260	279,980	172,710	286,940	174,920	207,560	133,330
MEAN	3,126	7,967	3,128	5,832	4,974	9,032	5,757	9,224	6,495	6,495	4,301
MAX	9,590	33,600	6,020	19,400	8,970	30,300	21,000	34,400	13,500	12,400	6,410
MIN	1,720	2,370	2,340	2,630	3,510	3,620	3,320	3,130	2,020	2,880	2,000

CAL YR 1962: TOTAL 2,174,210 MEAN 5,957 MAX 33,600 MIN 1,520 MEAN† 5,508 CFSM† 1 55 IN † 21 04
 WAT YR 1963: TOTAL 2,085,690 MEAN 5,714 MAX 34,400 MIN 1,350 MEAN† 5,863 CFSM† 1 65 IN † 22 40

† Adjusted for change in contents in Lake Sidney Lanier

APALACHICOLA RIVER BASIN

55

2-3395 Chattahoochee River at West Point, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,710	3,380	7,440	3,680	7,580	8,480	13,000	16,400	5,400	2,750	6,140	2,210
2	4,220	3,510	4,180	6,620	7,340	6,990	12,700	16,700	4,890	3,840	5,710	2,830
3	4,310	3,840	3,010	5,790	5,490	17,600	13,000	23,300	6,640	4,120	7,170	4,210
4	4,210	2,550	3,600	5,620	4,530	72,000	13,100	26,100	6,280	4,040	2,640	3,530
5	4,050	1,740	3,620	5,790	6,780	19,100	13,000	23,800	6,100	4,450	4,780	2,820
6	3,870	2,770	3,480	4,840	9,810	19,000	25,900	17,900	5,740	3,110	8,660	2,720
7	2,500	4,930	1,230	4,870	11,600	12,100	53,500	15,900	5,920	2,470	5,400	2,000
8	1,620	4,160	3,140	5,790	9,930	8,960	51,000	14,400	4,380	2,530	4,660	1,800
9	1,630	3,960	2,660	8,990	8,920	8,560	43,600	13,800	3,620	3,000	4,190	1,670
10	1,830	3,730	2,440	14,300	5,800	7,250	24,500	13,500	4,610	3,340	3,080	1,800
11	2,200	2,670	2,470	11,600	4,830	9,250	13,500	13,400	5,130	3,860	3,200	2,440
12	2,080	1,820	8,500	7,710	7,050	9,780	12,300	13,100	5,190	4,290	4,990	3,520
13	2,060	3,130	14,000	6,110	8,050	9,380	18,700	13,200	5,310	4,890	5,670	4,940
14	1,950	3,570	11,600	5,310	8,840	10,800	23,300	13,600	6,590	4,490	4,830	3,530
15	1,760	3,600	12,100	4,960	9,720	23,700	17,600	13,400	3,720	3,570	4,320	2,470
16	1,910	3,710	8,510	4,700	9,360	34,200	14,000	13,000	2,950	3,730	3,900	2,650
17	2,210	3,930	5,500	4,570	6,740	27,800	15,100	12,800	3,260	4,320	2,840	2,670
18	2,250	2,450	4,410	5,050	8,120	16,700	14,500	11,700	1,900	4,610	7,100	2,930
19	2,540	1,780	3,940	4,910	13,800	13,700	14,200	6,640	3,880	3,990	7,170	7,980
20	2,680	2,820	3,590	4,660	12,700	12,700	13,700	9,560	3,790	3,560	3,260	2,890
21	2,020	3,800	3,350	4,760	9,580	11,900	13,200	11,900	3,690	4,360	3,120	2,460
22	1,650	3,900	3,220	6,040	8,250	11,500	13,000	12,100	2,990	6,870	3,090	1,920
23	2,100	3,980	3,020	5,910	7,530	11,200	12,900	12,100	2,790	5,450	3,490	2,120
24	2,380	4,150	3,190	6,970	5,420	11,600	12,900	11,300	3,960	6,130	4,290	2,510
25	2,440	3,010	3,640	22,800	4,900	12,200	13,300	5,970	4,510	5,050	3,290	2,680
26	2,490	2,040	3,760	33,100	8,950	19,000	15,300	4,720	4,220	7,040	2,990	2,600
27	2,580	3,110	3,010	28,200	9,230	26,300	21,700	7,360	4,140	4,080	3,050	2,570
28	1,850	5,240	3,190	15,100	8,870	27,900	29,800	8,000	4,080	2,860	3,110	2,070
29	1,470	7,100	3,240	10,200	8,780	18,100	27,300	8,800	2,940	4,280	3,260	1,910
30	2,130	9,770	2,810	8,770	-----	14,200	18,500	8,990	2,510	5,020	2,950	2,890
31	3,120	-----	2,600	7,690	-----	13,500	-----	8,800	-----	5,720	2,390	-----
TOTAL	77,820	110,250	146,450	275,010	237,600	475,050	598,100	402,990	133,130	131,820	122,390	80,140
MEAN	2,510	3,675	4,724	8,871	8,193	15,120	19,940	13,000	4,438	4,252	3,948	2,671
MAX	4,310	9,770	14,000	33,100	13,800	34,200	53,500	26,100	6,640	7,040	8,660	4,840
MIN	1,470	1,740	2,440	3,680	4,530	6,990	12,300	4,720	2,510	2,470	2,390	1,620

CAL YR 1963: TOTAL 1,987,320 MEAN 5,445 MAX 34,400 MIN 1,350 MEAN† 5,720 CFSM† 1 61 IN + 21 86
WAT YR 1964: TOTAL 2,790,750 MEAN 5,445 MAX 33,500 MIN 1,470 MEAN† 7,650 CFSM† 2 15 IN + 29 26

† Adjusted for change in contents in Lake Sidney Lanier

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,210	7,450	3,670	7,680	5,020	4,800	11,400	8,210	2,570	3,900	3,940	1,990
2	4,610	4,190	3,650	6,840	4,920	5,220	11,800	7,870	2,770	3,770	2,780	2,470
3	3,880	3,990	3,950	6,440	5,670	6,550	13,400	4,780	3,190	3,520	2,290	3,780
4	3,840	3,370	5,660	5,120	5,730	7,480	12,700	4,010	3,410	3,450	3,960	3,960
5	6,120	4,070	15,400	4,450	5,240	8,590	10,200	6,310	3,950	3,040	3,440	5,530
6	9,930	4,510	11,200	4,880	5,360	7,670	12,700	7,610	4,040	3,430	3,550	2,710
7	7,440	4,480	5,700	5,410	11,200	6,680	12,700	7,480	3,950	3,930	3,610	2,310
8	5,470	4,520	5,180	5,260	14,600	5,750	7,490	8,000	6,340	5,410	3,910	2,150
9	4,560	3,350	5,060	5,210	9,700	5,110	11,600	7,310	11,500	6,420	3,320	3,360
10	4,130	2,910	5,360	5,170	8,230	6,250	9,250	4,450	7,630	5,590	2,980	5,470
11	3,850	4,510	5,120	4,480	7,300	6,560	7,920	3,670	6,610	5,640	3,280	4,920
12	3,120	6,620	6,500	4,350	8,180	7,020	6,310	4,880	9,650	3,950	3,280	6,780
13	2,880	6,690	9,110	4,950	12,300	7,190	6,110	10,500	3,020	3,050	3,050	3,530
14	3,050	6,960	5,900	5,300	10,600	9,470	9,020	5,800	8,820	3,240	7,040	2,310
15	4,490	6,570	4,180	5,140	7,540	6,590	7,890	5,570	5,580	4,050	2,980	2,730
16	10,800	3,810	4,200	5,330	6,310	5,590	7,770	5,370	7,770	4,360	2,370	3,030
17	19,200	2,750	5,090	5,330	6,870	6,800	8,240	3,850	8,900	4,490	2,370	1,110
18	14,200	5,220	4,940	3,890	9,880	12,600	6,680	3,070	6,800	3,780	2,810	3,190
19	7,620	6,680	5,140	3,420	10,100	16,200	5,460	3,610	5,850	2,940	3,110	3,280
20	5,250	6,960	5,140	3,490	8,000	10,800	5,220	4,430	5,100	2,640	3,310	2,470
21	5,000	7,550	5,260	4,060	7,010	8,550	6,330	4,470	3,710	3,510	3,530	2,070
22	6,160	6,720	4,150	4,150	5,610	6,290	6,550	5,640	3,300	4,630	3,620	2,150
23	6,130	3,760	5,060	10,200	4,980	6,180	6,840	6,910	4,390	4,310	2,840	2,070
24	5,980	2,900	5,840	35,700	5,220	10,400	6,920	4,720	5,050	4,450	2,040	2,630
25	5,880	8,540	12,400	30,600	6,160	16,200	6,510	3,440	5,240	4,840	2,630	2,870
26	4,020	13,500	18,900	13,000	7,120	15,800	4,860	3,840	6,360	3,940	3,620	2,790
27	3,320	9,950	21,300	9,270	6,280	17,600	4,670	4,250	7,990	3,290	3,870	2,230
28	3,590	6,010	18,700	7,210	5,580	18,200	7,180	4,110	4,290	3,760	3,780	1,910
29	6,610	7,030	11,900	6,270	-----	14,400	8,020	4,090	3,050	5,100	3,440	2,010
30	7,480	4,980	10,000	5,900	-----	10,800	8,220	3,810	3,330	4,790	2,550	2,710
31	7,540	-----	8,150	5,680	-----	11,000	-----	3,050	-----	4,710	2,150	-----
TOTAL	190,360	169,550	243,510	234,140	210,710	291,200	256,050	160,210	172,990	127,650	96,180	90,120
MEAN	6,141	5,652	7,855	7,553	7,252	9,394	8,535	5,168	5,763	4,118	3,103	3,004
MAX	19,200	13,500	21,300	35,700	14,600	18,200	13,200	8,210	11,500	6,520	3,940	6,290
MIN	2,880	2,750	3,650	3,420	4,920	4,800	4,670	3,050	2,570	2,640	2,040	1,910

CAL YR 1964: TOTAL 3,059,650 MEAN 8,360 MAX 33,500 MIN 1,620 MEAN† 8,409 CFSM† 2 37 IN + 32 26
WAT YR 1965: TOTAL 2,242,580 MEAN 8,144 MAX 35,700 MIN 1,910 MEAN† 5,974 CFSM† 1 68 IN + 22 80

† Adjusted for change in contents in Lake Sidney Lanier

2-3405 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

Records available --October 1943 to September 1965 Monthly discharge only for some periods, published in WSP 1304

Gage --Digital water-stage recorder. Altitude of gage is 550 ft above mean sea level (by barometer) Dec 22, 1943, to Sept 8, 1950, wire-weight gage and Sept 9, 1950, to June 12, 1958, graphic water-stage recorder at site 300 ft downstream at datum 3 00 ft lower June 13, 1958, to Apr 28, 1964, graphic water-stage recorder at present site and datum

Average discharge --22 years, 83 7 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	1700	1,570	3 92	Apr 13, 1962	0600	* 1,520	3 85	Apr 28, 1964	0200	1,900	4 09
Feb 25, 1961	1300	* 6,240	6 80	Jan 21, 1963	0100	* 1,260	3 55	Aug 13, 1964	0200	1,250	3 50
Apr 1, 1961	0400	2,750	4 73	May 1, 1963	0100	1,080	3 34	Oct 5, 1964	1900	* 1,380	3 63
Dec 13, 1961	0800	1,080	3 33								
Dec 15, 1961	2000	1,340	3 60	Mar 16, 1964	0200	1,500	3 73				
Apr 1, 1962	1200	1,210	3 52	Apr 8, 1964	2400	* 2,960	4 92				

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 30, 1960	20	-	1964	Oct 23, 1963	14	-
1962	Sept 3, 4, 5, 1962	13	-	1965	Sept 23, 24, 1965	18	-
1963	Sept 12, 13, 14, 1963	8 4	-				

1943-65 Maximum discharge, 11,800 cfs July 11, 1948 (gage height, 16 6 ft, from floodmark, site and datum then in use), from rating curve extended above 7,000 cfs on basis of slope-conveyance studies, minimum, 3 7 cfs Sept 22, 23, 1956

Remarks --Records good except those for period of no gage-height record, which are fair

Revisions (water years) --WSP 1704 1959

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	62	30	22	73	39	149	1,910	107	48	60	33	89
2	50	24	22	45	39	124	418	295	47	56	32	67
3	48	22	22	36	38	104	226	157	43	52	41	58
4	47	21	22	33	38	95	216	120	43	52	43	54
5	47	21	22	30	36	86	161	104	41	50	43	48
6	48	21	22	28	36	83	138	95	41	48	38	48
7	69	21	22	28	41	816	128	89	43	48	69	47
8	52	21	22	28	43	471	114	83	39	52	60	43
9	43	21	22	27	39	221	124	86	19	50	50	39
10	34	24	22	27	38	153	142	89	38	48	41	39
11	32	24	22	27	36	128	110	95	36	58	38	39
12	30	22	28	27	34	117	393	95	38	138	34	38
13	28	22	24	27	34	110	275	86	41	203	33	36
14	28	22	22	45	33	104	169	80	41	110	32	43
15	27	22	26	36	34	95	230	76	41	83	32	48
16	26	24	28	33	34	89	325	73	52	71	30	39
17	24	26	26	30	34	83	190	69	50	60	28	36
18	24	28	22	32	310	101	149	69	48	60	27	34
19	24	27	22	38	982	104	134	67	43	56	26	34
20	26	26	22	48	1,480	92	120	65	54	52	26	24
21	24	26	28	38	668	101	107	62	405	48	26	33
22	24	22	30	32	245	101	101	62	276	47	27	32
23	24	26	24	32	458	89	95	71	104	45	114	30
24	24	28	26	32	764	83	92	78	80	50	568	28
25	21	28	26	34	4,870	80	92	62	71	47	610	28
26	21	27	24	47	1,160	76	120	69	78	43	145	28
27	21	27	24	75	280	73	185	69	92	39	101	27
28	21	27	26	58	185	73	169	60	76	45	76	26
29	21	27	26	50	-----	78	117	56	69	39	67	24
30	20	26	32	47	-----	76	101	54	65	38	56	24
31	24	-----	41	41	-----	1,070	-----	52	-----	36	86	-----
TOTAL	1,014	733	769	1,187	11,928	5,225	6,851	2,695	2,134	1,884	2,632	1,193
MEAN	32.7	24.4	24.8	38.3	426	169	228	86.9	71.1	60.8	84.9	39.8
MAX	69	30	41	78	4,870	1,070	1,910	295	405	203	610	89
MIN	20	21	22	27	33	73	92	52	36	36	26	24
CFSM	.53	.40	.40	.62	6 90	2.73	3.70	1.41	1.15	.98	1.38	.64
IN.	.61	.44	.46	.72	7 18	3.15	4.13	1.62	1.19	1.14	1.59	.72

CAL YR 1960: TOTAL 30,070 MEAN 82.2
WAT YR 1961: TOTAL 38,245 MEAN 105

MAX 1,570 MIN 12
MAX 4,870 MIN 20

CFSM 1.33 IN 18.12
CFSM 1 70 IN 23 06

2-3405 Mountain Creek near Hamilton, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	24	21	34	80	92	145	1,120	110	56	30	45	15
2	24	22	34	78	86	240	386	95	50	27	33	14
3	24	22	34	71	80	203	230	92	48	28	28	13
4	24	24	32	69	80	153	185	96	45	55	30	13
5	26	27	32	73	80	134	165	86	45	58	30	13
6	27	32	36	360	78	120	181	83	43	46	26	18
7	26	50	47	208	71	110	255	80	43	82	24	16
8	22	32	34	138	71	104	190	79	84	47	86	18
9	22	27	32	107	73	107	161	76	52	39	52	19
10	21	26	100	98	71	127	142	73	54	34	34	19
11	21	26	185	86	69	463	161	73	54	32	30	18
12	20	26	594	80	69	675	993	71	54	28	28	17
13	20	26	909	78	69	315	1,110	69	52	28	27	17
14	20	26	488	76	67	208	315	65	48	27	27	21
15	20	26	1,260	78	67	190	230	62	45	33	32	26
16	19	28	661	80	73	157	185	62	39	92	27	21
17	19	28	260	76	73	138	161	61	45	21	20	17
18	19	27	208	73	69	128	149	58	43	39	24	26
19	19	30	157	565	80	117	145	58	38	34	22	21
20	19	30	128	454	73	117	128	60	39	32	21	18
21	19	30	107	198	89	114	124	58	45	28	20	16
22	20	30	98	149	600	110	120	58	38	27	21	15
23	20	41	92	131	466	104	114	58	34	26	21	14
24	20	50	86	128	564	95	110	54	34	26	21	14
25	20	33	80	110	330	174	110	52	38	34	20	14
26	20	30	78	104	198	527	110	48	34	34	19	17
27	19	28	76	110	153	230	110	47	32	30	19	22
28	20	28	76	131	145	165	110	45	32	27	19	19
29	20	33	73	117	-----	145	169	43	33	34	18	18
30	21	34	69	104	-----	134	128	41	32	36	17	17
31	21	-----	69	95	-----	516	-----	78	-----	81	16	-----
TOTAL	656	893	6,169	4,305	4,036	6,265	7,797	2,079	1,329	1,219	865	530
MEAN	21.2	29.8	199	139	144	202	260	87.1	44.3	39.3	27.9	17.7
MAX	27	50	1,260	565	600	675	1,120	110	84	92	86	26
MIN	19	21	32	65	67	95	110	41	32	26	16	13
CFSM	+.34	+.48	3.23	2.25	2.34	3.28	4.21	1.09	.72	.64	.45	.29
IN.	.40	.54	3.72	2.59	2.43	3.78	4.70	1.25	.80	.73	.52	.32
CAL YR 1961	TOTAL 43,447			MEAN 119	MAX 4,870	MIN 19	CFSM 1.23	IN 26.21				
WAT YR 1962	TOTAL 36,143			MEAN 99.0	MAX 1,260	MIN 13	CFSM 1.60	IN 21.75				

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	16	11	28	50	180	76	95	566	47	47	32	13
2	20	11	27	48	150	86	92	173	43	43	30	12
3	21	12	27	45	370	76	89	124	39	48	26	11
4	27	12	27	43	190	80	83	101	39	41	24	11
5	19	12	26	41	140	103	78	39	38	38	24	11
6	18	14	26	41	130	770	78	80	36	34	22	12
7	18	14	26	41	110	480	92	76	36	48	21	12
8	18	26	36	39	110	198	83	69	43	43	21	12
9	18	36	26	38	100	149	78	67	43	39	20	11
10	24	28	26	36	110	131	78	65	32	84	19	10
11	28	20	26	48	270	117	76	60	30	47	18	9.2
12	26	20	22	313	400	114	76	60	78	38	19	8.4
13	28	20	17	131	200	385	73	60	27	33	21	8.4
14	28	20	27	86	150	230	69	45	26	33	30	20
15	28	19	27	69	130	161	67	71	24	36	26	80
16	24	19	30	60	110	134	65	60	24	34	21	28
17	18	19	28	56	100	120	65	54	30	34	22	20
18	15	19	26	569	100	120	62	52	32	34	33	18
19	13	22	26	662	100	107	62	48	54	34	22	18
20	13	27	26	928	200	128	60	54	71	33	19	17
21	12	118	27	1,120	140	110	62	60	54	43	20	16
22	13	142	34	302	110	98	62	48	75	41	20	16
23	13	56	43	165	100	92	58	43	95	32	18	15
24	11	39	34	134	90	89	56	43	67	71	17	15
25	10	34	101	120	100	86	56	39	54	85	16	14
26	11	33	89	120	80	195	54	43	58	48	15	14
27	11	32	60	120	78	194	65	54	67	39	14	16
28	11	30	50	110	76	138	60	91	77	36	15	52
29	11	30	78	100	-----	117	67	78	99	39	15	82
30	11	30	78	100	-----	104	730	65	54	36	15	38
31	11	-----	58	310	-----	98	-----	74	-----	33	15	-----
TOTAL	547	914	1,150	6,325	4,124	5,086	2,791	2,612	1,423	1,324	650	620.0
MEAN	17.6	30.5	37.1	204	147	164	93.0	84.3	47.4	42.7	21.0	20.7
MAX	28	142	101	1,120	400	770	730	566	99	85	33	82
MIN	10	11	17	36	76	76	54	39	24	32	14	8.4
CFSM	-.29	-.49	-.60	3.31	2.39	2.66	1.51	1.37	-.77	-.69	-.34	-.33
IN.	-.33	-.55	-.69	3.81	2.49	3.07	1.68	1.57	-.86	-.80	-.39	-.37
CAL YR 1962	TOTAL 31,036			MEAN 85.0	MAX 1,120	MIN 10	CFSM 1.22	IN 18.71				
WAT YR 1963	TOTAL 27,566.0			MEAN 75.5	MAX 1,120	MIN 8.4	CFSM 1.22	IN 18.62				

Note --No gage-height record Jan 25 to Feb 25

2-3405 Mountain Creek near Hamilton, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	28	17	38	69	95	104	95	189	59	69	43	37
2	26	17	32	58	86	238	95	299	53	77	39	30
3	24	18	30	58	80	578	89	650	51	57	36	29
4	21	18	28	60	78	280	98	308	52	53	34	28
5	20	19	27	60	78	441	95	204	50	72	61	27
6	20	24	26	60	131	240	946	162	52	52	50	26
7	19	21	26	114	110	177	2,340	139	62	45	41	25
8	19	18	26	98	104	149	2,080	123	56	41	38	24
9	18	17	27	658	95	134	1,740	108	60	41	35	22
10	18	17	26	509	89	138	765	107	54	39	35	22
11	17	17	26	181	89	120	240	94	49	41	153	26
12	17	17	104	142	86	110	198	87	46	48	358	240
13	17	17	92	110	83	104	300	86	44	75	752	99
14	17	18	216	92	131	155	425	77	41	60	157	61
15	17	18	161	60	117	1,120	355	74	39	52	96	49
16	16	18	86	76	173	920	235	73	37	46	78	43
17	16	19	67	116	134	290	194	70	35	44	72	39
18	17	19	58	190	194	165	68	34	55	62	38	35
19	16	19	52	128	390	161	153	65	33	50	56	36
20	16	19	48	165	194	145	138	64	32	62	50	36
21	16	20	47	142	145	131	131	64	31	65	47	35
22	15	20	45	114	120	120	124	63	31	59	40	35
23	15	22	47	98	110	117	120	61	35	66	52	33
24	15	26	47	101	101	107	117	59	78	87	51	37
25	16	24	43	295	104	117	110	61	56	86	47	30
26	16	24	39	198	117	165	110	58	63	54	42	30
27	16	36	39	138	104	138	1,170	56	63	46	40	30
28	15	39	38	114	134	117	1,080	54	51	42	40	31
29	15	107	38	95	117	110	425	52	43	41	37	31
30	15	56	36	89	-----	101	255	57	39	40	36	166
31	15	-----	39	86	-----	98	-----	57	-----	46	33	-----
TOTAL	548	741	1,654	4,494	3,893	7,119	13,988	3,684	1,429	1,711	2,719	1,385
MEAN	17.7	24.7	53.4	145	134	230	466	119	47.6	55.2	87.7	46.2
MAX	28	107	216	658	498	1,120	2,340	650	78	87	752	240
MIN	15	17	26	58	78	98	89	52	31	39	33	22
CFSM	2.29	4.40	8.66	2.35	2.38	3.72	7.55	1.35	1.77	1.89	1.42	1.75
IN.	.33	.45	1.00	2.71	2.35	4.29	8.43	2.22	.86	1.03	1.64	.83

CAL YR 1963: TOTAL 27,898.0

MEAN 76.4

MAX 1,120

MIN 8.4

CFSM 1.24

IN 16.87

WAT YR 1964: TOTAL 43,365

MEAN 118

MAX 2,340

MIN 15

CFSM 1.92

IN 26.14

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	253	65	72	109	76	109	131	71	39	63	41	22
2	104	64	69	104	82	156	115	71	37	46	40	45
3	74	63	69	105	78	133	111	69	36	43	36	61
4	146	63	111	85	78	161	113	65	59	43	34	37
5	1,130	62	118	80	80	151	114	62	74	71	34	32
6	563	62	95	78	90	130	105	62	51	68	35	29
7	164	61	82	78	237	119	106	60	53	70	39	27
8	112	60	76	77	178	115	131	58	48	57	81	25
9	92	60	74	75	132	115	108	58	54	50	77	24
10	81	60	72	76	119	109	101	59	48	46	51	26
11	73	58	72	73	113	99	96	57	52	47	68	29
12	67	59	83	71	195	225	114	55	174	88	40	25
13	69	62	81	69	201	255	118	53	191	56	44	26
14	72	64	75	69	177	161	97	51	104	48	41	23
15	157	62	70	70	155	140	92	49	85	62	38	22
16	795	62	69	79	132	133	96	48	238	67	40	21
17	320	62	69	74	303	186	89	46	137	54	38	21
18	157	62	70	69	485	588	84	45	95	47	35	22
19	116	62	69	67	244	253	80	44	75	55	34	22
20	108	87	100	67	182	197	208	43	66	45	33	20
21	105	72	137	68	161	157	129	42	60	42	33	20
22	100	62	103	65	157	125	106	57	36	56	34	19
23	95	61	93	127	128	145	92	53	38	53	32	19
24	91	73	88	360	123	215	89	45	50	45	30	20
25	81	159	228	167	139	160	87	47	52	48	28	27
26	72	98	230	126	118	176	83	56	51	44	27	21
27	70	78	267	106	105	265	47	50	41	26	20	20
28	69	89	163	98	104	180	83	48	50	39	26	20
29	67	97	135	95	-----	158	78	62	47	64	25	22
30	67	78	116	92	-----	157	73	48	49	61	24	33
31	66	-----	108	91	-----	138	-----	42	-----	46	23	-----
TOTAL	5,536	2,127	3,264	2,970	4,372	5,406	3,120	1,672	2,234	1,633	1,197	778
MEAN	179	70.9	105	95.8	156	174	104	53.9	74.5	42.7	38.6	25.9
MAX	1,130	159	267	360	485	588	208	71	238	88	81	61
MIN	66	58	69	65	76	99	73	42	36	38	23	19
CFSM	2.89	1.15	1.71	1.45	2.53	2.83	1.69	.87	1.21	.85	.63	.42
IN.	3.34	1.28	1.97	1.79	2.64	3.26	1.88	1.01	1.35	.98	.72	.47

CAL YR 1964: TOTAL 51,349

MEAN 140

MAX 2,340

MIN 22

CFSM 2.27

IN 30.95

WAT YR 1965: TOTAL 34,309

MEAN 94.0

MAX 1,130

MIN 19

CFSM 1.52

IN 20.88

2-3410 Bartletts Ferry Reservoir (Lake Harding)
near Columbus, Ga

Location --Lat 32°40', long 85°05', at forebay of dam on Chattahoochee River, 3 3 miles upstream
from Mulberry Creek, 15 miles northwest of Columbus, Muscogee County, and at mile 178 0

Drainage area --4,240 sq mi, approximately

Records available --October 1929 to September 1965

Gage --Water-stage recorder Datum of gage is at mean sea level, datum of 1929, supplementary
adjustment of 1936 (levels by Georgia Power Co)

Extremes --Reservoir full at times each year, minimum contents about 56,000 acre-ft on several
days in October and/or November 1931 (elevation, about 489 ft)

Remarks --Reservoir is formed by concrete gravity dam with earthfill abutments Spillway (crest
elevation, 500 0 ft) is equipped with 19 taintor gates 25 ft wide by 21 ft high and 2 trash
gates 11 ft wide by 9 ft high Storage began in 1926, water in reservoir first reached mini-
mum pool elevation in 1926 Total capacity at elevation 521 0 ft (top of gates) is 181,000
acre-ft, of which 136,000 acre-ft is usable storage Reservoir is used for power development

Cooperation --Records furnished by Georgia Power Co

MONTH-END ELEVATION AND CONTENTS AT 2400, WATER YEARS OCTOBER 1960 TO SEPTEMBER 1965

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)	Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Oct 31, 1960	519 0	169,000	-7,000	Oct 31, 1963	516 2	153,000	-20,000
Nov 30	515 2	148,000	-21,000	Nov 30	519 0	169,000	+16,000
Dec 31	511 4	130,000	-18,000	Dec 31	509 0	120,000	-49,000
Calendar year 1960	-	-	-24,000	Calendar year 1963	-	-	-16,000
Jan 31, 1961	514 2	143,000	+13,000	Jan 31, 1964	520 4	177,000	+57,000
Feb 28	520 4	177,000	+34,000	Feb 29	518 5	166,000	-11,000
Mar 31	520 8	180,000	+3,000	Mar 31	520 8	180,000	+14,000
Apr 30	521 3	183,000	+3,000	Apr 30	520 7	179,000	-1,000
May 31	519 3	171,000	-12,000	May 31	521 1	182,000	+3,000
June 30	520 1	176,000	+5,000	June 30	520 0	175,000	-7,000
July 31	519 7	173,000	-3,000	July 31	518 4	165,000	-10,000
Aug 31	517 8	162,000	-11,000	Aug 31	518 2	164,000	-1,000
Sept 30	517 0	157,000	-5,000	Sept 30	515 7	150,000	-14,000
Water year 1961	-	-	-19,000	Water year 1964	-	-	-23,000
Oct 31	516 1	152,000	-5,000	Oct 31	517 4	159,000	+9,000
Nov 30	513 7	140,000	-12,000	Nov 30	518 4	165,000	+6,000
Dec 31	520 5	178,000	+38,000	Dec 31	520 8	180,000	+15,000
Calendar year 1961	-	-	+48,000	Calendar year 1964	-	-	+60,000
Jan 31, 1962	521 1	182,000	+4,000	Jan 31, 1965	518 3	165,000	-15,000
Feb 28	521 1	182,000	0	Feb 28	516 9	156,000	-9,000
Mar 31	521 3	183,000	+1,000	Mar 31	521 2	182,000	+26,000
Apr 30	520 1	176,000	-7,000	Apr 30	518 1	164,000	-18,000
May 31	519 7	173,000	-3,000	May 31	519 6	173,000	+9,000
June 30	519 9	174,000	+1,000	June 30	518 7	167,000	-6,000
July 31	519 4	171,000	-3,000	July 31	519 7	173,000	+6,000
Aug 31	517 9	162,000	-9,000	Aug 31	518 8	168,000	-5,000
Sept 30	518 8	168,000	+6,000	Sept 30	517 3	159,000	-9,000
Water year 1962	-	-	+11,000	Water year 1965	-	-	+9,000
Oct 31	514 5	144,000	-24,000				
Nov 30	516 3	154,000	+10,000				
Dec 31	512 9	136,000	-18,000				
Calendar year 1962	-	-	-42,000				
Jan 31, 1963	516 1	152,000	+16,000				
Feb 28	512 7	136,000	-16,000				
Mar 31	519 6	173,000	+37,000				
Apr 30	519 8	174,000	+1,000				
May 31	518 0	163,000	-11,000				
June 30	520 5	178,000	+15,000				
July 31	519 1	170,000	-8,000				
Aug 31	517 3	159,000	-11,000				
Sept 30	519 7	173,000	+14,000				
Water year 1963	-	-	+5,000				

APALACHICOLA RIVER BASIN

2-3415 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, 1½ miles downstream from City Mills Dam, 2 6 miles downstream from North Highlands Dam, 3 3 miles downstream from Oliver Dam, 1½ miles downstream from Bartletts Ferry Dam, and at mile 159 9

Drainage area --4,670 sq mi, approximately

Records available --August 1929 to September 1965 Records for December 1912, published in WSP 322, have been found to be unreliable and should not be used

Gage --Digital water-stage recorder Datum of gage is 185 14 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 Dec 1-31, 1912, staff gage at site 800 ft upstream at same datum Aug 23, 1929, to July 8, 1961, graphic water-stage recorder at present site and datum Since Oct 1, 1963, water-stage recorder at Walter F George Reservoir used as an auxiliary gage for this station

Average discharge --36 years, 6,557 cfs (unadjusted)

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum daily		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 26, 1961	145,000	47 8	Oct 30, 31, 1960	1,220	-
1962	Dec 14, 1961	57,300	30 02	Dec 3, 1961	1,290	-
1963	Jan 21, 1963	40,800	23 68	Oct 20, 1962	773	-
1964	Apr 8, 1964	140,000	43 85	Sept 20, 1964	800	-
1965	Jan 25, 1965	55,300	24 78	Sept 25, 26, 1965	700	-

1929-65 Maximum discharge, 145,000 cfs Feb 26, 1961, maximum gage height, 47 8 ft Feb 26, 1961, minimum discharge, 294 cfs Oct 23, Nov 14, 1931, minimum daily, 480 cfs Oct 31, 1931
Maximum discharge known since at least 1827, 198,000 cfs Mar 15, 1929, by computation of flow at North Highlands Dam before redevelopment, maximum stage known, 53 2 ft Mar 16, 1929

Remarks --Records fair except those below 1,000 cfs, which are poor Flow regulated by Lake Sidney Lanier and Bartletts Ferry Reservoir (see stations 2-3344, 2-3410)

Revisions (water years) --WSP 1082 1943(M) See also Records available

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,900	3,880	5,440	1,320	5,620	25,000	58,000	12,400	5,480	6,800	2,340	4,730
2	6,430	5,670	4,250	1,320	7,430	15,100	35,000	12,600	5,060	6,050	3,600	3,080
3	7,060	5,630	2,050	4,420	3,240	12,600	19,200	12,200	1,550	7,160	3,940	3,090
4	6,830	3,540	1,390	4,670	1,730	10,900	14,000	12,100	1,350	3,780	2,540	2,780
5	4,200	1,530	4,160	6,620	1,250	7,430	12,800	9,960	7,700	6,930	5,090	5,320
6	4,230	1,250	5,640	5,160	3,170	7,190	11,000	8,850	9,800	8,540	2,250	4,130
7	3,830	4,680	5,590	1,420	5,850	11,200	12,100	8,680	3,180	4,960	6,400	6,350
8	3,190	4,850	6,040	1,280	5,000	24,100	12,100	10,400	2,300	1,500	6,170	7,900
9	1,420	4,540	4,750	4,750	4,450	16,700	9,800	8,240	3,400	1,300	7,910	1,890
10	4,250	3,760	3,670	4,590	3,290	15,200	12,100	8,360	2,520	7,000	8,000	1,500
11	6,330	2,570	1,320	3,990	1,390	12,000	12,100	8,040	1,650	7,000	7,300	2,260
12	6,450	1,320	3,930	4,720	1,250	9,480	17,000	9,640	5,780	11,000	5,380	3,890
13	5,260	1,320	6,300	2,560	1,320	10,300	19,800	9,160	5,690	12,000	1,370	4,450
14	5,320	3,990	5,360	1,460	1,910	9,320	20,800	8,830	4,300	9,000	6,040	4,260
15	1,530	4,510	6,030	1,280	1,360	9,320	20,000	9,480	5,620	8,750	4,890	5,400
16	1,250	4,160	5,160	3,460	1,320	9,960	20,200	9,640	6,280	6,900	5,670	1,630
17	2,630	5,280	1,360	4,810	1,320	9,000	17,500	7,400	5,920	7,740	4,300	1,410
18	3,410	4,510	1,320	4,920	2,950	10,600	12,800	5,620	6,110	6,800	5,950	3,710
19	5,220	1,610	3,760	6,010	18,600	11,500	11,600	8,520	5,180	7,580	1,960	7,260
20	5,200	1,250	5,730	4,680	53,900	9,800	11,000	2,300	7,400	7,280	1,600	6,140
21	1,500	3,940	6,170	2,760	50,500	10,400	12,200	1,300	12,100	6,770	5,770	6,040
22	1,250	5,380	5,880	1,390	40,500	10,600	12,100	1,280	13,000	6,910	4,000	6,460
23	1,250	6,130	3,940	4,760	39,500	9,320	11,400	4,950	12,800	3,550	4,320	1,770
24	2,530	3,490	1,390	5,330	46,300	9,800	10,900	7,720	10,400	6,710	4,440	1,410
25	2,200	5,360	1,320	5,180	120,000	8,840	8,360	8,040	8,410	6,420	9,160	5,980
26	2,940	3,370	1,280	5,620	115,000	4,820	11,000	8,040	7,970	4,220	15,600	1,850
27	3,320	1,320	4,950	5,940	66,000	7,300	11,400	5,910	9,480	4,550	10,200	3,700
28	2,000	4,510	5,440	1,460	46,500	9,160	15,200	2,850	10,400	5,340	8,590	2,500
29	1,250	6,500	5,700	1,320	-----	9,160	16,200	4,740	6,800	1,740	8,470	3,020
30	1,220	6,240	4,220	1,060	-----	7,620	13,200	6,460	7,620	1,490	6,300	1,370
31	1,220	-----	1,560	4,110	-----	23,400	-----	5,880	-----	3,920	4,460	-----
TOTAL	109,930	116,070	124,900	115,370	650,650	357,120	480,860	239,590	195,250	189,690	179,560	115,430
MEAN	3,546	3,869	4,029	3,722	23,240	11,420	16,030	7,729	6,508	6,119	5,792	3,848
MAX	7,060	6,500	6,300	6,620	120,000	25,000	58,000	12,600	13,000	12,000	15,600	7,900
MIN	1,220	1,250	1,280	1,280	1,250	4,820	8,360	1,280	1,350	1,300	1,600	1,370
(f)	-114	-353	-293	+211	+612	+49	+50	-195	+84	-49	+179	+84

CAL YR 1960: TOTAL 2,574,770 MEAN 9,808 MAX 46,300 MIN 1,220 MEAN* 9,533 CFSM* 1 40 IN* 19 06
WAT YR 1961: TOTAL 2,574,720 MEAN 9,875 MAX 120,000 MIN 1,220 MEAN* 9,969 CFSM* 1 71 IN* 23 21

* Change in contents, equivalent in cubic feet per second, in Bartletts Ferry Reservoir

† Adjusted for change in contents in Lake Sidney Lanier and Bartletts Ferry Reservoir

2-3415 Chattahoochee River at Columbus, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,380	3,980	3,930	10,400	11,800	11,000	34,600	10,800	3,500	4,020	5,140	2,170
2	1,350	5,080	1,380	9,800	9,500	13,100	24,600	9,630	4,130	4,410	5,450	2,350
3	3,620	5,650	1,290	8,860	9,590	13,800	13,700	8,900	3,650	5,510	5,670	1,800
4	1,350	2,100	2,740	9,560	10,100	12,700	13,100	9,490	5,370	2,990	2,900	5,540
5	2,750	1,350	4,920	9,990	8,390	12,000	12,900	7,980	5,600	4,680	2,900	3,930
6	2,780	3,760	4,350	14,100	9,350	10,100	13,300	8,810	5,490	5,960	3,370	2,940
7	1,420	5,090	4,840	14,100	8,860	10,200	15,700	9,280	5,040	7,410	5,570	2,170
8	1,370	5,730	4,460	13,900	9,390	11,900	17,200	6,790	5,270	7,920	3,780	1,500
9	1,360	5,510	1,430	11,900	9,120	10,600	13,200	7,500	3,070	7,790	3,500	1,570
10	1,880	2,500	5,200	10,800	6,440	10,200	12,800	6,610	1,560	8,440	4,490	3,630
11	2,190	1,500	9,730	10,700	2,130	22,900	11,600	6,520	4,710	4,270	1,990	3,800
12	4,520	1,400	22,500	10,500	5,890	37,100	34,000	1,750	7,790	5,830	1,510	4,700
13	2,240	3,500	51,600	9,780	6,230	34,300	47,400	1,520	7,420	5,780	2,570	3,150
14	1,450	4,200	52,800	9,870	7,090	16,500	36,100	2,700	8,140	4,400	3,690	3,620
15	1,350	3,940	49,600	10,800	5,670	14,900	18,400	5,190	6,900	2,440	4,080	1,500
16	3,000	3,890	34,200	10,000	4,180	13,300	12,900	5,820	5,340	2,560	5,130	1,340
17	4,190	4,800	18,800	9,690	2,900	13,100	14,700	5,170	2,820	3,590	5,060	4,770
18	3,410	2,080	23,900	9,730	1,830	13,000	11,400	5,890	4,540	3,820	2,260	2,480
19	3,900	1,310	27,800	11,900	6,620	12,100	12,800	3,300	6,870	3,950	7,260	4,000
20	3,740	5,010	26,900	19,600	7,060	12,400	12,800	3,230	6,210	3,110	7,600	4,190
21	1,420	4,650	20,900	19,800	6,260	11,600	11,700	5,170	7,720	1,830	2,980	2,960
22	1,360	3,720	15,000	13,800	20,800	11,200	12,700	4,400	6,350	1,810	4,170	1,560
23	2,820	1,430	12,600	11,600	29,900	11,900	12,600	4,860	4,260	2,160	4,920	1,320
24	4,220	4,280	12,300	9,390	38,400	11,900	10,700	3,070	2,940	2,750	2,830	3,570
25	4,140	2,360	11,000	12,100	32,400	11,100	9,490	4,840	5,020	3,390	2,050	5,390
26	4,090	1,300	11,900	12,100	20,800	15,500	10,900	2,530	4,310	3,130	1,390	2,600
27	3,720	4,430	10,500	9,660	15,800	13,600	10,600	2,190	3,490	2,830	4,660	6,070
28	1,370	4,510	10,800	11,200	11,700	11,500	11,900	3,180	2,970	1,890	4,310	3,900
29	1,350	4,100	8,060	12,100	-----	11,900	11,300	4,400	4,020	1,480	4,270	3,350
30	2,390	4,600	9,480	12,000	-----	10,400	10,200	3,440	3,640	1,670	1,500	-----
31	4,810	-----	9,950	12,000	-----	17,300	-----	4,430	-----	4,600	3,610	-----
TOTAL	80,940	107,760	484,560	361,730	318,200	443,100	495,290	169,220	147,940	128,390	110,740	93,280
MEAN	2,611	3,592	15,630	11,670	11,360	14,290	16,510	5,459	4,931	4,142	3,572	3,109
MAX	4,810	5,730	52,800	19,800	38,400	37,100	47,400	10,600	8,140	8,440	5,670	6,030
MIN	1,350	1,300	1,390	8,860	1,830	10,100	9,490	1,520	1,560	1,890	1,320	-----
(†)	-81	-202	+618	+65	0	+16	-118	-49	+17	-49	-146	+101

CAL YR 1961: TOTAL 3,194,780 MEAN 8,758 MAX 120,000 MIN 1,250 MEAN# 9,223 CFS# 1.97 IN# 26.74
 WAT YR 1962: TOTAL 2,941,150 MEAN 8,058 MAX 52,800 MIN 1,290 MEAN# 8,013 CFS# 1.72 IN# 23.35

† Change in contents, equivalent in cubic feet per second, in Bartlett's Perry Reservoir

* Adjusted for change in contents in Lake Sidney Lanier and Bartlett's Perry Reservoir

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,600	4,030	5,560	6,350	9,020	4,350	7,000	35,600	9,780	10,200	5,020	1,460
2	5,150	4,190	6,210	6,450	8,930	4,690	6,990	36,700	4,010	9,320	4,250	1,790
3	6,670	3,150	6,400	3,070	7,330	1,710	6,420	27,400	10,400	10,400	4,750	4,990
4	7,980	2,300	4,430	4,820	8,730	4,680	6,540	15,800	5,830	8,210	2,200	4,610
5	8,290	4,910	3,760	1,480	7,070	6,790	7,110	10,300	2,430	8,410	4,790	5,170
6	7,540	4,030	5,400	1,360	7,620	12,500	7,040	11,400	4,750	8,850	4,730	3,000
7	3,960	7,170	2,070	2,380	8,690	22,800	5,300	3,770	6,970	7,480	4,480	1,390
8	5,510	4,060	1,400	3,630	8,970	23,200	8,120	11,600	3,800	8,410	2,710	1,240
9	1,960	9,300	1,350	9,510	7,560	14,000	6,490	11,600	1,660	8,110	3,250	2,880
10	3,590	6,600	1,720	3,440	9,950	11,800	5,470	11,300	5,620	9,050	3,480	1,970
11	3,200	5,240	2,740	5,590	8,110	10,600	7,270	11,400	4,290	6,490	1,950	2,550
12	2,520	8,100	1,680	4,250	10,200	7,920	8,180	11,700	1,480	2,310	4,860	4,080
13	1,390	6,450	1,440	7,200	9,280	19,900	6,850	10,800	1,600	2,840	5,130	3,090
14	1,320	7,350	3,370	6,990	10,300	28,900	4,300	7,240	2,100	4,910	3,870	1,540
15	4,490	6,410	3,910	6,660	7,410	26,700	6,420	7,110	4,130	6,590	7,980	1,280
16	2,200	6,780	2,500	7,010	2,950	19,000	6,640	5,830	1,760	5,030	3,660	3,250
17	3,220	4,990	1,400	7,300	2,090	11,400	5,850	6,970	1,900	9,930	4,000	4,020
18	2,700	4,350	1,500	11,100	4,280	7,710	5,300	4,570	4,830	7,230	4,650	2,930
19	1,340	7,200	1,600	9,280	10,700	6,610	3,560	1,480	4,980	8,930	6,700	2,430
20	779	9,460	1,820	24,100	7,760	9,700	5,390	4,470	6,770	7,920	4,960	2,270
21	890	7,670	3,100	37,900	9,290	9,070	1,660	5,040	8,550	8,760	4,860	1,650
22	1,670	19,100	2,460	26,500	10,400	7,110	5,450	6,160	12,600	8,850	5,770	1,220
23	3,840	36,200	1,380	12,400	4,010	7,350	7,190	3,570	15,300	8,810	6,140	1,190
24	3,220	26,700	1,570	11,300	5,280	9,590	4,450	5,410	13,100	4,050	5,210	1,180
25	3,620	11,500	2,970	6,420	5,830	7,200	6,220	2,270	11,800	7,070	7,920	1,180
26	3,460	8,840	6,750	7,430	5,630	6,190	5,320	3,120	8,820	9,290	6,940	2,350
27	825	9,310	4,940	9,350	5,450	9,780	5,790	5,350	11,900	9,140	7,210	3,360
28	826	5,700	6,580	8,140	3,650	9,660	6,340	8,510	9,070	8,020	5,050	2,650
29	2,000	6,080	6,360	6,810	-----	7,450	10,300	10,100	10,700	7,400	5,200	4,790
30	6,060	6,170	7,670	9,370	-----	7,290	13,800	11,400	10,700	5,830	8,020	4,860
31	4,250	-----	8,120	8,390	-----	7,460	-----	4,970	-----	5,430	3,780	-----
TOTAL	108,070	255,430	112,160	270,180	206,440	342,910	190,760	320,270	194,660	231,760	143,520	79,690
MEAN	3,486	8,514	3,618	8,715	7,373	11,060	6,359	10,310	6,489	7,476	4,630	2,656
MAX	8,290	36,200	8,120	37,900	10,700	28,900	13,800	36,700	15,300	10,400	7,210	5,170
MIN	779	2,390	1,350	1,360	2,090	1,710	1,660	1,480	1,600	2,310	1,950	1,180
(†)	-390	+168	-293	+260	-288	+602	+17	-179	+252	-130	-179	+235
CAL YR 1962: TOTAL 2,743,950 MEAN 7,517 MAX 47,400 MIN 779 MEAN# 7,010 CFS# 1.50 IN# 20.36												
WAT YR 1963: TOTAL 2,455,850 MEAN 6,778 MAX 37,900 MIN 779 MEAN# 6,884 CFS# 1.47 IN# 19.95												

† Change in contents, equivalent in cubic feet per second, in Bartlett's Perry Reservoir

* Adjusted for change in contents in Lake Sidney Lanier and Bartlett's Perry Reservoir

2-3415 Chattahoochee River at Columbus, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,510	3,730	7,530	3,720	10,900	11,600	14,800	19,000	8,810	5,430	5,600	4,860
2	3,750	2,480	8,920	5,220	9,160	11,700	14,500	26,800	8,630	5,780	5,100	3,770
3	5,170	1,270	7,090	8,150	11,300	22,700	17,300	34,000	7,040	4,950	7,240	3,790
4	2,890	1,690	5,720	7,030	11,100	34,500	16,600	31,000	7,590	5,740	6,260	3,860
5	4,340	4,460	5,150	2,500	11,600	37,300	15,500	30,000	8,770	4,510	5,420	1,770
6	4,210	4,470	5,490	7,790	12,100	27,500	33,500	16,000	6,360	6,260	6,370	887
7	2,120	4,270	4,640	9,580	12,100	19,700	91,200	18,000	6,350	5,570	8,750	1,560
8	4,030	3,970	1,330	9,710	11,700	12,900	110,000	16,000	5,860	3,860	5,770	4,440
9	3,370	4,570	3,380	11,500	10,900	11,000	68,000	15,000	6,400	5,100	992	6,520
10	2,980	1,450	5,370	14,400	10,300	12,400	40,000	15,000	5,540	4,710	6,130	7,500
11	3,040	2,710	7,480	15,300	10,200	12,100	16,000	17,000	4,970	1,130	5,510	2,200
12	1,400	4,860	9,400	13,900	11,200	10,400	14,000	18,400	4,600	5,710	8,050	2,700
13	1,320	4,500	7,730	12,600	9,800	12,400	26,600	16,100	4,770	5,900	29,900	4,150
14	1,700	4,640	12,200	12,400	11,400	12,500	33,000	18,400	4,150	6,670	15,100	8,500
15	3,630	4,720	14,200	10,300	11,600	37,500	27,000	16,300	4,830	6,240	10,100	5,980
16	2,670	1,440	12,800	7,400	11,800	49,000	16,000	14,900	4,250	5,400	7,620	5,090
17	2,660	1,230	7,920	10,300	11,700	38,000	23,000	17,300	4,090	5,620	6,750	3,540
18	1,710	2,280	10,600	11,000	13,400	22,000	19,800	16,400	5,480	4,710	5,910	4,590
19	1,190	4,330	7,890	12,800	17,200	18,000	19,600	12,600	4,170	2,800	6,030	1,240
20	1,180	4,830	9,330	12,500	15,600	12,000	20,800	11,200	4,540	5,080	4,070	800
21	1,990	3,330	7,030	10,600	13,400	15,600	14,200	11,700	1,890	8,530	3,880	4,520
22	2,270	3,110	5,550	10,400	12,800	13,400	18,700	12,800	5,230	7,150	2,140	3,040
23	3,310	2,440	6,950	8,330	12,700	13,500	17,500	12,900	2,690	9,740	2,990	3,490
24	2,590	1,390	7,290	7,000	11,400	14,600	14,400	17,400	2,390	8,320	5,810	2,230
25	3,150	3,080	3,130	15,000	11,300	17,600	18,700	13,200	3,380	11,300	5,690	2,540
26	1,350	3,460	5,160	29,400	11,300	29,800	18,500	11,000	4,970	5,010	7,010	801
27	1,190	4,880	5,880	31,000	10,300	28,200	51,700	8,940	5,100	9,310	7,820	861
28	3,180	5,030	5,200	19,000	11,900	29,200	50,000	7,170	2,780	7,720	3,100	4,560
29	2,360	9,540	1,680	12,000	12,300	27,600	38,000	4,970	4,500	7,170	1,020	4,170
30	2,980	7,800	4,070	12,000	-----	17,000	22,000	6,550	4,270	4,790	823	4,750
31	3,290	-----	5,450	12,000	-----	16,700	-----	8,780	-----	5,380	5,730	-----
TOTAL	85,530	111,660	211,560	364,830	342,460	647,900	900,900	496,660	154,300	185,790	201,725	108,669
MEAN	2,759	3,722	5,825	11,770	11,810	20,900	30,030	16,020	5,143	5,993	6,707	3,622
MAX	5,170	9,540	14,200	31,000	17,200	49,000	110,000	34,000	8,810	11,300	29,900	8,500
MIN	1,180	1,230	1,330	2,500	9,160	10,400	14,000	4,920	1,890	1,130	823	800
(+)	-325	+269	-797	+927	-191	+228	-17	+49	-118	-163	-16	-235

CAL YR 1963: TOTAL 2,388,940 MEAN 6,545 MAX 37,900 MIN 1,180 MEAN# 6,798 CFSM# 1 46 IN# 19 82
 MAY YR 1964: TOTAL 3,811,984 MEAN 10,420 MAX 110,000 MIN 800 MEAN# 10,410 CFSM# 2 23 IN# 30 35

† Change in contents, equivalent in cubic feet per second, in Bartlett's Ferry Reservoir

* Adjusted for change in contents in Lake Sidney Lanier and Bartlett's Ferry Reservoir

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5,860	6,260	10,100	11,900	9,750	10,800	14,700	8,790	3,780	4,780	3,820	4,620
2	5,700	6,310	10,200	10,800	9,560	10,200	15,900	7,780	3,560	4,080	4,810	6,050
3	5,170	7,220	8,080	10,600	9,540	10,100	15,800	6,600	3,290	4,210	4,030	4,030
4	10,500	8,050	8,090	10,700	9,230	11,300	17,400	7,400	4,680	1,070	2,920	1,000
5	33,300	5,900	7,530	9,820	7,800	7,190	13,200	7,010	3,260	2,220	4,270	900
6	28,500	7,260	6,770	9,190	8,410	7,720	15,100	5,850	1,530	5,800	3,670	900
7	17,800	4,080	11,400	6,200	9,900	8,530	15,100	8,160	5,020	4,020	1,270	6,550
8	12,200	1,100	10,100	6,240	7,100	7,970	15,400	7,010	5,750	1,000	4,150	1,000
9	8,320	4,030	9,970	7,040	12,300	8,970	17,400	4,800	8,890	4,560	7,780	7,850
10	6,500	6,710	10,300	7,370	11,500	9,840	12,800	6,860	9,690	5,080	5,070	6,440
11	4,860	7,270	10,400	7,770	10,000	8,710	10,500	4,310	9,500	5,180	4,910	6,000
12	5,700	6,570	7,420	6,860	12,300	10,100	11,900	5,570	10,000	5,470	4,040	1,000
13	5,840	6,790	8,140	6,570	13,500	12,600	11,100	6,190	10,600	5,540	4,160	6,610
14	6,140	7,270	7,110	6,810	19,500	12,300	10,200	5,390	14,000	5,110	1,400	4,650
15	7,660	4,640	8,420	5,190	12,900	10,300	9,720	4,280	11,800	4,790	800	5,920
16	9,480	8,180	7,420	7,700	12,500	8,550	9,490	2,900	11,900	6,170	4,520	3,140
17	17,400	5,060	8,450	6,940	12,500	10,200	8,790	5,670	10,700	4,080	5,260	1,300
18	21,600	7,340	9,470	7,340	20,300	19,800	10,300	2,850	9,180	1,090	5,690	1,700
19	13,100	6,620	7,210	7,810	20,600	20,600	9,150	5,230	7,890	5,270	3,420	900
20	10,100	8,330	1,880	6,040	13,300	18,500	10,600	4,630	8,360	4,650	7,660	3,960
21	9,050	5,920	5,280	7,280	12,500	12,800	9,630	4,340	4,530	2,870	1,100	3,710
22	9,460	6,690	8,680	6,180	11,300	12,300	8,740	2,940	5,410	3,900	1,000	3,530
23	9,220	4,450	8,430	8,520	9,300	10,500	5,500	1,670	4,350	4,290	3,810	2,500
24	8,770	8,190	8,170	17,900	9,800	15,400	8,150	4,190	5,000	3,770	4,230	900
25	3,790	9,680	12,100	47,000	10,100	20,500	7,060	5,090	5,490	1,410	4,210	700
26	6,430	8,640	29,500	17,000	9,900	20,700	6,800	4,120	3,740	4,240	3,380	700
27	6,340	9,390	33,000	13,700	9,200	25,100	8,160	4,980	6,500	4,100	2,260	2,060
28	7,940	10,200	27,000	12,100	8,300	26,400	7,500	4,670	3,380	4,440	900	2,710
29	5,790	7,730	14,000	10,400	-----	21,600	7,040	2,410	7,000	4,200	800	4,470
30	8,750	11,400	12,300	9,550	-----	16,900	8,900	2,240	4,980	4,770	4,280	3,990
31	6,340	-----	9,700	8,360	-----	13,000	-----	3,830	-----	3,300	3,770	-----
TOTAL	317,650	207,480	336,620	316,880	329,590	419,480	332,230	157,240	204,930	127,790	102,330	102,440
MEAN	10,250	6,916	10,860	10,220	11,770	13,530	11,070	5,072	6,831	4,122	3,301	3,415
MAX	33,300	11,400	33,000	47,000	20,600	26,400	17,400	8,790	14,000	6,170	5,690	7,850
MIN	3,790	1,100	1,880	5,190	7,800	7,190	5,500	1,670	1,530	1,070	800	700
(+)	+146	+101	+244	-244	-162	+423	-302	+146	-101	+98	-81	-151

CAL YR 1964: TOTAL 6,246,984 MEAN 11,650 MAX 110,000 MIN 700 MEAN# 11,780 CFSM# 2 52 IN# 34 30
 MAY YR 1965: TOTAL 2,954,660 MEAN 8,095 MAX 47,000 MIN 700 MEAN# 7,937 CFSM# 1 70 IN# 23 08

† Change in contents, equivalent in cubic feet per second, in Bartlett's Ferry Reservoir

* Adjusted for change in contents in Lake Sidney Lanier and Bartlett's Ferry Reservoir

2-3422 Phelps Creek near Opelika, Ala

Location --Lat 32°34', long 85°16', in S½ sec 7, T 18 N , R 28 E , on right bank at upstream abutment of bridge on county road, 1 mile upstream from mouth, and 9 miles southeast of Opelika

Drainage area --7 47 sq mi

Records available --September 1958 to September 1965

Gage --Water-stage recorder Altitude of gage is 530 ft (from topographic map)

Average discharge --7 years, 8 75 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (350 cfs revised), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	2200	483	8 02	Jan 20, 1963	1900	392	7 55	June 23, 1964	1900	1,330	9 35
Feb 24, 1961	1930	* 680	8 81	Mar 6, 1963	0230	* 477	7 99	July 22, 1964	1800	649	8 60
Mar 31, 1961	0630	511	8 16					Aug 12, 1964	2000	743	8 75
Feb 22, 1962	0400	471	7 96	Jan 9, 1964	0630	375	7 46	Oct 5, 1964	0500	* 564	8 36
Mar 10, 1962	2200	* 537	8 28	Apr 6, 1964	1330	972	9 08	Mar 17, 1965	2045	414	7 67
Mar 31, 1962	1200	503	8 12	Apr 8, 1964	0600	* 3,030	9 85				
				Apr 27, 1964	0730	1,420	9 40				

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 28, 29, 30, 1961	0 10	0 69	1963	Many days	0 10	0 71
1962	Oct 14-30, 1961	0	-	1964	Oct 29-31, 1963	30	-
				1965	Sept 1, 1965	60	-

1958-65 Maximum discharge, 3,030 cfs Apr 8, 1964 (gage height, 9 85 ft), from rating curve extended above 400 cfs on basis of contracted-opening measurement of peak flow, no flow Oct 14-30, 1961

Remarks --Records good above 15 cfs, fair between 1 and 15 cfs, and poor below 1 cfs and for period of no gage-height record

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.8	1.4	1.7	3.8	2.6	7.4	35	11	2 0	2.8	.70	1 8
2	1.4	1.2	1.7	2.2	2.6	6.6	10	15	2 0	2.4	.70	1.3
3	1.2	1.1	1.6	1.8	2.8	6.0	8.4	8.2	2 0	2.0	1.4	.90
4	1.1	1.0	1.7	1.7	2.4	5.6	8.4	7.0	1.9	1.9	1 2	.80
5	1.1	1.0	1.7	1.6	2.4	4.8	5.6	6.4	1.9	1.8	.80	.70
6	12	1.0	1.7	1.6	2.6	5.6	5.4	6.0	1 8	1.7	1.0	.70
7	11	1.0	1.8	1.6	3.4	4.4	4.8	5.8	1 8	1 6	.70	1.0
8	3.8	.90	1.8	1.4	3.6	14	3.8	5.4	2.1	1.6	1.2	.50
9	2.6	1.0	1.8	1.4	3.0	8.0	17	5.6	2.8	1.6	1.1	.50
10	2.2	1.0	1.7	1.4	2.6	5.8	11	5.4	1.8	1.6	1.0	.40
11	1.9	1.0	2 6	1.4	2.4	4.8	7.0	6.8	1.8	9 6	.90	.50
12	1.8	1.6	1.9	1.4	2.8	4.6	103	6 0	3.3	14	2.1	.60
13	1.7	1.3	1.7	3.0	2.2	6.0	15	5.2	3.2	4.0	2.0	.90
14	1.6	1.3	1.7	4.2	2.2	5.2	8.2	4 6	2.0	4 4	1.9	.80
15	1.4	1.3	2.4	2.8	2.2	3.8	23	4.2	2.2	3.0	1.8	.60
16	1.3	1.5	2.2	2.4	1.9	3.4	28	3.8	2.6	2.6	1.7	.30
17	1.2	1.7	1.9	2.2	1.9	3.2	15	3.6	2.6	2.4	1.4	.30
18	1.2	1.6	1.8	1.9	107	11	7.4	3.8	2.4	2.0	1.3	.30
19	1.2	1.5	1.7	5.0	178	7.0	6.0	3.6	2.2	1.8	1.2	.30
20	1.2	1.5	1.9	4.4	94	4.8	5.6	3.4	23	1.8	1 1	.30
21	1.3	1.5	3.0	2.8	17	4.4	5.4	3.6	106	1.8	1.1	.20
22	1.3	1.5	2.2	2.4	21	3.6	5.0	3.8	13	1.7	.90	.20
23	1.3	3.2	1.9	2.4	62	3.0	4.8	5.8	6.4	1 4	1.1	.20
24	1.2	2.6	1.9	2.4	207	2.4	4.8	3.0	4.6	1.3	2.2	.70
25	1.1	2.2	1.9	3.4	174	2.2	4.6	9.3	4.0	1.2	1.8	.70
26	1.1	2.0	1.9	7.0	22	2.0	9.7	5.8	5.2	1.1	1.4	.20
27	1.2	2.0	1.9	6.8	11	2.0	48	4.6	12	1.0	2.4	.20
28	1.3	2.0	1.9	4.4	8.8	3.0	13	3.4	4.8	1.9	1.6	.10
29	1.3	2.2	1.9	3.6	-----	2.8	8.6	3.2	3.6	1.4	1.6	.10
30	1.2	1.8	3.2	3.0	-----	2.6	7.6	2.6	3.4	1.0	1 6	.10
31	1.7	-----	4.9	2.8	-----	253	-----	2.6	-----	.80	4.6	-----
TOTAL	66.7	45.90	63.6	88.2	945.4	442.6	439.1	168.5	228.4	83.20	47.80	15.20
MEAN	2.15	1.53	2.05	2.85	33.8	14.3	14.6	5.44	7.61	2.68	1.56	.51
MAX	12	3.2	4.9	7.0	207	253	103	15	106	14	4.6	1.8
MIN	1.1	.90	1.6	1.4	1.9	2.0	3.8	2.6	1.8	.80	.70	.10
CFSM	.29	.20	.27	.38	4.52	1.91	1.96	.73	1.02	.36	.21	.07
IN.	.33	.23	.32	.44	4.71	2.20	2.19	.84	1.14	.41	.24	.08

CAL YR 1960: TOTAL 2,760-10 MEAN 7.54 MAX 191 MIN .20 CFSM 1.01 IN 13.75
 WAT YR 1961: TOTAL 2,634.60 MEAN 7.22 MAX 253 MIN .10 CFSM .97 IN 13.12

2-3422 Phelps Creek near Opelika, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.10	.10	.70	4.6	7.2	12	74	6.6	1.7	.40	1.5	.30
2	.20	.10	.70	3.8	6.6	15	20	5.8	1.1	.40	1.2	.30
3	.20	.10	.70	3.2	6.8	24	13	5.2	.90	.50	.90	.30
4	.10	.10	.80	3.0	6.8	20	11	4.6	1.2	4.2	.70	.30
5	.20	.10	.90	22	7.2	13	12	4.4	1.4	3.0	.60	.7.8
6	.20	.70	2.0	56	6.6	8.0	25	4.0	1.0	9.0	.50	1.5
7	.10	.60	1.4	13	6.2	8.0	23	3.8	.80	3.0	.40	.70
8	.20	.40	1.8	8.2	6.2	8.0	15	3.4	.80	7.0	1.2	1.0
9	.10	.40	1.1	6.2	5.0	11	15	3.0	.80	1.5	.80	.70
10	.10	.40	16	5.4	4.6	109	11	2.6	1.0	1.3	.60	.50
11	.10	.40	13	4.8	4.2	119	33	2.4	1.6	1.1	.50	.30
12	.10	.40	104	4.6	4.2	57	120	2.2	1.3	.90	.70	1.5
13	.10	.40	33	4.4	4.2	18	33	2.0	1.2	.70	.50	.30
14	0	.40	105	4.4	4.2	13	24	1.9	1.1	.60	.80	.20
15	0	.50	141	6.0	4.2	15	20	1.9	1.0	9.0	.70	.50
16	0	.50	29	5.0	7.2	10	15	1.6	.90	8.0	.70	.20
17	0	.50	25	4.2	5.6	9.2	12	1.6	.90	4.0	.50	3.0
18	0	.50	18	11	6.2	8.0	10	1.6	.80	2.5	.50	.40
19	0	.50	9.0	114	11	8.4	9.0	1.4	.80	1.5	.40	.70
20	0	.40	6.6	22	7.4	8.0	8.0	1.4	.80	1.0	.40	.20
21	0	.40	5.6	12	8.7	7.8	7.0	1.3	.90	.70	2.2	.20
22	0	.40	5.2	9.6	160	7.6	6.0	1.1	1.0	.60	1.2	.10
23	0	3.4	5.2	10	44	7.2	6.0	1.0	.80	.50	.70	.10
24	0	1.2	4.6	10	96	7.0	5.0	.90	3.8	.40	.70	.10
25	0	.80	4.0	9.0	21	26	10	.90	5.0	10	.50	1.0
26	0	.80	3.8	7.8	13	50	7.0	.90	1.3	3.5	.50	.20
27	0	.80	3.8	11	11	16	6.0	.90	.60	2.0	.40	.20
28	0	.70	3.8	17	11	11	9.0	.90	.90	9.5	.40	.10
29	0	.70	3.4	10	-----	10	21	.80	.60	9.5	.40	.10
30	0	.70	3.2	8.6	-----	9.0	7.4	1.0	.50	4.0	.30	.10
31	.10	-----	3.4	7.8	-----	200	-----	1.2	-----	2.2	.30	-----
TOTAL	1.90	17.40	55.70	418.6	486.3	865.2	598.4	72.20	36.00	97.50	21.70	16.30
MEAN	.061	.58	1.79	13.5	17.4	27.9	19.9	2.33	1.2	3.15	.70	.53
MAX	.20	3.4	141	114	160	200	120	6.6	5.0	10	2.2	3.0
MIN	0	.10	.70	3.0	4.2	7.0	5.0	.80	.50	.40	.30	.10
CFSM	.008	.08	2.40	1.81	2.33	3.74	2.67	.31	.16	.42	.09	.07
IN.	.009	.09	2.77	2.08	2.42	4.31	2.98	.36	.18	.49	.11	.08

CAL YR 1961: TOTAL 3,033.40 MEAN 8.31 MAX 253 MIN 0 CFSM 1.17 IN 15.10
 WAT YR 1962: TOTAL 3,187.20 MEAN 8.73 MAX 200 MIN 0 CFSM 1.17 IN 15.87

Note --No gage-height record July 5 to Aug 6

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.10	.10	.90	3.0	10	6.6	5.4	3.7	1.0	5.7	.90	.40
2	.20	.20	.90	3.0	11	5.8	2.4	.90	.90	3.0	.40	.40
3	.30	.10	.90	2.8	28	4.9	4.8	2.2	.90	3.6	.80	.30
4	.20	.10	.90	2.4	12	15	5.0	2.0	.80	2.6	.70	.30
5	.20	.10	.90	2.2	8.6	32	4.2	1.9	.80	1.9	.70	.30
6	.10	.10	.90	2.4	7.4	172	5.4	1.8	.80	1.6	.70	.30
7	.10	.10	.80	2.6	19	15	5.0	1.9	.80	1.4	.70	.20
8	.10	.30	.80	1.8	4.8	12	4.6	1.8	.70	1.4	.70	.20
9	.10	.60	.70	1.7	4.4	10	4.4	1.7	.70	3.5	.60	.20
10	.10	.30	.70	1.8	4.2	9.6	3.8	1.6	.60	1.4	.50	.10
11	.10	.30	.70	6.3	55	8.6	3.8	1.4	.60	1.1	.50	.10
12	.10	.40	.70	10	29	13	3.8	1.4	.50	1.0	.50	.10
13	.10	.40	.60	4.6	12	11	3.4	1.4	.50	1.0	1.1	.10
14	.10	.30	.70	3.4	9.0	9.0	3.0	4.6	.40	1.0	1.9	.60
15	.10	.30	.70	3.0	7.2	8.0	2.8	3.6	.40	.90	.80	.40
16	.10	.20	1.3	2.4	6.4	7.8	2.8	1.8	.40	.90	.70	.40
17	.10	.30	1.0	2.2	5.8	8.4	2.6	1.4	.40	3.1	.70	.30
18	.10	.50	.90	122	5.6	9.2	2.4	1.3	.40	4.1	.60	.30
19	.10	.40	.80	76	22	8.8	2.4	1.1	.40	1.8	.50	.30
20	.10	.80	.80	191	10	13	2.4	1.5	.70	1.4	27	.30
21	.40	23	.80	47	8.2	8.0	2.8	1.3	8.4	3.1	4.6	.30
22	.10	6.2	1.2	15	6.6	6.4	2.8	1.2	32	1.2	1.2	.30
23	.10	1.6	.90	10	6.2	6.6	2.4	1.1	8.4	1.0	.70	.20
24	.10	1.2	2.6	8.1	8.4	7.0	2.4	.90	3.6	4.6	.80	.20
25	.10	1.1	13	6.4	7.4	6.4	2.0	.90	1.3	1.8	.60	.20
26	.10	1.1	4.6	6.2	5.8	27	2.2	1.1	37	1.3	.50	.20
27	.10	.80	2.6	5.2	4.8	14	2.2	.90	6.0	1.2	.50	.40
28	.10	.80	2.4	4.6	4.6	8.6	2.2	3.5	2.4	2.8	.50	8.7
29	.20	.90	37	4.6	-----	7.2	2.6	2.0	1.4	2.3	.50	3.4
30	.20	.90	10	18	-----	6.2	4.5	1.6	31	1.3	.40	1.2
31	.10	-----	4.4	14	-----	6.0	-----	1.2	-----	1.0	.40	-----
TOTAL	4.10	43.50	96.10	583.7	310.0	486.0	103.1	55.70	144.20	63.50	53.10	20.70
MEAN	.13	1.45	3.10	18.8	11.1	15.7	3.44	1.80	4.81	2.05	1.71	.69
MAX	.40	23	37	191	55	172	5.4	4.6	37	5.2	27	8.7
MIN	.10	.10	.60	1.7	4.2	4.8	2.0	.90	.90	.90	.40	.10
CFSM	.02	.19	.41	2.52	1.48	2.10	.46	.24	.64	.27	.23	.09
IN.	.02	.22	.48	2.91	1.54	2.42	.51	.28	.72	.32	.26	.10

CAL YR 1962: TOTAL 2,755.90 MEAN 7.55 MAX 200 MIN .10 CFSM 1.01 IN 13.72
 WAT YR 1963: TOTAL 1,963.70 MEAN 5.38 MAX 191 MIN .10 CFSM .72 IN 9.78

APALACHICOLA RIVER BASIN

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2-3422 Phelps Creek near Opelika, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.0	.40	4.4	12	9.6	12	9.0	12	3.4	7.7	5.6	3.6
2	.90	.40	3.6	7.8	7.6	103	8.8	91	3.0	9.0	5.1	3.4
3	.80	.40	3.0	8.7	7.0	40	4.8	41	2.9	7.6	4.8	3.3
4	.80	.40	2.8	6.8	6.4	34	8.8	19	2.7	3.9	2.6	3.3
5	.70	.50	2.6	6.0	11	55	25	14	2.6	18	25	3.2
6	.70	.70	2.4	24	12	18	313	11	3.0	7.1	6.5	3.2
7	.70	.60	2.4	25	9.6	14	230	9.5	3.2	5.0	5.5	2.9
8	.70	.50	2.6	30	10	13	572	8.0	2.7	4.2	5.0	2.8
9	.70	.50	2.2	197	8.4	13	38	7.6	2.5	3.9	5.0	2.7
10	.60	.50	2.0	21	7.6	16	20	7.5	2.4	31	6.0	2.7
11	.50	.50	2.8	12	8.6	11	15	6.6	2.4	18	52	4.5
12	.50	.50	32	10	7.4	11	17	6.6	2.3	18	155	5.9
13	.50	.50	25	8.0	11	10	64	7.0	2.3	15	82	11
14	.50	.50	70	6.8	16	20	102	5.8	2.2	11	15	6.5
15	.50	.50	16	6.4	18	131	35	5.5	2.0	7.8	10	5.4
16	.50	.50	9.0	8.6	17	26	19	5.0	2.0	6.2	15	4.6
17	.50	.50	7.0	48	10	16	13	4.8	2.0	5.4	11	4.2
18	.40	.50	6.2	21	130	14	11	4.5	2.0	5.0	8.2	4.0
19	.40	.50	5.4	12	27	13	9.7	4.3	1.8	4.6	6.8	3.9
20	.40	.50	5.2	86	15	13	8.5	4.1	1.7	7.1	6.2	3.9
21	.40	.50	4.8	15	12	12	7.6	4.0	1.8	37	9.9	3.7
22	.40	.50	4.6	10	11	11	7.1	3.9	2.0	193	15	3.5
23	.40	.60	5.8	9.0	10	10	7.0	3.7	1.95	48	10	3.4
24	.40	.70	5.4	18	9.4	10	6.0	3.6	57	34	7.1	3.2
25	.40	.60	4.8	74	14	16	5.9	3.7	12	17	5.9	2.9
26	.50	1.9	4.6	14	11	14	7.3	3.4	2.9	15	5.2	2.8
27	.40	5.3	4.4	10	15	11	397	3.2	18	9.7	5.0	2.9
28	.40	15	4.0	8.8	19	10	36	3.2	7.8	7.6	4.5	3.1
29	.30	31	3.6	7.6	13	9.6	22	3.0	5.1	6.8	4.3	3.1
30	.30	6.6	3.6	7.0	-----	9.0	14	3.1	4.0	8.5	4.0	5.3
31	.30	8.3	11	-----	-----	9.0	-----	3.2	-----	8.3	3.9	-----
TOTAL	16.50	72.60	250.5	736.0	458.6	704.6	2,037.5	312.8	380.8	615.5	530.5	172.0
MEAN	5.3	2.42	8.40	23.7	15.8	22.7	67.9	10.1	12.7	19.9	17.1	5.73
MAX	10	31	70	197	130	131	572	91	195	193	155	59
MIN	.30	.40	2.0	6.0	6.4	9.0	5.9	3.0	1.7	3.9	3.9	2.7
CFSM	.07	.32	1.12	3.18	2.12	3.04	9.09	1.35	1.70	2.66	2.29	.77
IN.	.08	.36	1.30	3.66	2.28	3.51	10.1	1.56	1.90	3.06	2.64	.86
CAL YR 1963	TOTAL 2,169.60			MEAN 5.94	MAX 191	MIN 10	CFSM 2.80	IN 10.80				
WAT YR 1964	TOTAL 6,297.90			MEAN 17.2	MAX 572	MIN .30	CFSM 2.30	IN 31.35				

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.2	4.3	5.9	7.3	6.8	12	13	3.7	2.3	2.2	1.8	.60
2	4.0	4.2	5.6	7.1	7.6	19	12	3.5	2.0	2.0	1.6	.70
3	3.9	4.2	5.5	9.1	6.5	13	11	3.5	2.7	1.8	1.4	1.0
4	46	4.2	15	7.0	6.0	18	11	3.6	3.3	1.9	1.2	1.1
5	227	4.1	9.5	6.5	5.9	17	10	3.8	3.8	2.6	1.7	1.1
6	19	4.0	7.3	6.2	44	11	9.3	3.6	2.8	3.7	1.1	1.0
7	9.7	4.0	6.5	6.0	52	10	8.9	3.5	3.7	2.6	1.0	.90
8	7.1	4.0	6.0	5.9	20	9.5	8.5	3.4	3.7	2.5	2.0	.90
9	6.2	4.0	5.8	6.9	13	8.9	8.2	3.2	3.2	2.1	2.0	.90
10	5.5	3.9	5.5	6.0	11	8.4	7.6	3.9	2.5	1.9	1.5	.90
11	5.0	3.9	5.5	5.6	9.7	8.2	7.3	3.4	2.8	2.0	1.8	.90
12	4.8	3.9	9.0	5.4	36	62	7.6	3.3	2.6	1.8	9.8	.90
13	4.8	3.9	7.1	5.4	26	29	7.3	3.2	1.9	1.6	1.8	1.0
14	4.9	3.8	6.0	5.2	23	19	6.4	3.0	2.3	1.6	1.7	.80
15	28	3.8	5.6	5.5	15	16	6.2	2.9	1.0	1.6	1.3	.80
16	32	3.8	5.5	7.5	15	15	6.4	2.7	3.8	1.7	1.4	.80
17	12	3.9	5.4	5.8	126	98	5.7	2.7	4.9	1.6	1.3	.70
18	8.0	3.9	6.0	5.5	54	65	5.5	2.6	3.8	1.4	1.4	1.1
19	6.5	4.0	5.2	5.4	20	18	6.1	2.6	3.2	1.2	1.2	1.6
20	5.8	7.0	8.4	5.2	15	15	6.2	2.4	2.7	1.2	1.3	1.2
21	5.5	4.4	7.6	5.1	13	12	5.2	2.4	2.5	1.1	1.3	1.2
22	5.4	4.0	6.5	5.0	11	11	5.1	2.3	2.3	1.1	1.5	.90
23	5.2	4.0	6.2	57	10	17	4.9	2.6	2.2	1.1	1.5	.90
24	5.0	7.0	7.5	61	11	32	4.6	2.8	2.0	2.9	1.4	.70
25	4.9	27	32	17	13	22	4.4	3.7	3.1	3.9	1.2	1.6
26	4.8	8.4	29	12	9.5	46	4.4	3.4	2.5	2.5	1.1	1.0
27	4.6	6.4	21	9.1	9.1	39	4.8	2.8	2.3	2.2	1.1	1.0
28	4.6	12	12	8.0	8.7	23	4.2	3.2	2.1	2.0	1.0	1.0
29	4.5	8.4	9.3	7.6	-----	19	4.0	3.3	2.0	2.4	1.0	1.8
30	4.4	6.4	8.4	7.5	-----	17	3.8	2.9	1.8	2.4	.80	.38
31	4.4	-----	7.6	6.8	-----	15	-----	2.5	-----	2.2	.70	-----
TOTAL	499.7	172.8	283.4	319.6	597.8	750.0	209.6	96.9	162.8	88.9	50.00	66.90
MEAN	16.1	5.76	9.14	10.3	21.4	24.2	6.99	3.13	5.43	2.87	1.61	2.23
MAX	227	27	32	61	126	98	13	3.9	3.8	2.9	9.8	.38
MIN	3.9	3.8	5.2	5.0	5.9	8.7	3.8	2.3	1.8	1.1	.70	.60
CFSM	2.16	.77	1.22	1.38	2.86	3.24	.94	.42	.73	.38	.22	.30
IN.	2.49	.86	1.41	1.59	2.98	3.73	1.04	.48	.81	.44	.25	.33
CAL YR 1964	TOTAL 6,909.2			MEAN 18.94	MAX 572	MIN 1.7	CFSM 2.21	IN 16.47				
WAT YR 1965	TOTAL 3,298.40			MEAN 10.9	MAX 227	MIN .30	CFSM 2.30	IN 31.35				

2-3425 Uchee Creek near Fort Mitchell, Ala

Location --Lat 32°18'00", long 85°00'55" in SW $\frac{1}{4}$ sec 3, T 15 N, R 30 E, 50 ft right of channel, 100 ft upstream from 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 Prior to Aug 15, 1965, at site 120 ft downstream

Drainage area --325 sq mi

Records available --October 1946 to September 1965 Monthly discharge only for period October 1946 to August 1953, published in WSP 1724

Gage --Water-stage recorder Datum of gage is 201.76 ft above mean sea level, datum of 1929 Prior to Sept 1, 1953, at site of old highway bridge 1,000 ft upstream at same datum Sept 1, 1953, to Aug 15, 1965, water-stage recorder at site 120 ft downstream at same datum

Average discharge --19 years (1946-65), 453 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (4,500 cfs revised), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	-	-	-	Jan 21, 1963	-	4,800	-	Aug 13, 1964	1900	5,400	7.83
Feb 25, 1961	-	-	-	Mar 7, 1963	-	-	-	Oct 6, 1964	0230	* 10,200	13.28
Apr 1, 1961	-	* 14,800	17.36	Mar 9, 1964	0400	* 55,100	26.45	Dec 26, 1964	0300	5,520	8.12
Feb 23, 1962	0500	7,310	10.05	Mar 3, 1964	2000	5,370	7.58	Feb 18, 1965	2200	6,240	9.02
Mar 12, 1962	0100	5,900	8.60	Apr 9, 1964	0400	5,460	8.17	Mar 19, 1965	0200	5,840	8.55
Apr 1, 1962	1400	6,700	9.65	Apr 15, 1964	2300	14,700	17.21				
Apr 13, 1962	0500	* 7,450	10.43	Apr 28, 1964	0830	7,060	10.03				

a Maximum daily, annual maximum discharge probably occurred on this date

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	29	1.00	1964	Oct 20, 1963	8.9	0.82
1962	Sept 5, 1962	18	90	1965	Sept 28, 1965	22	96
1963	Sept 24, 25, 1963	8.6	70				

1946-65 Maximum discharge, 55,100 cfs Apr 9, 1964 (gage height, 26.45 ft), from rating extended above 20,000 cfs on basis of contracted-opening measurement of peak flow, minimum, 6.4 cfs Sept 8, Oct 8, 1954, Sept 23, 1956

Remarks --Records fair except those for periods of no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	176	73	88	514	241	1,400	8,200	987	120	160	57	65
2	122	79	83	447	227	1,100	5,000	2,180	98	140	47	86
3	90	76	82	271	222	980	2,000	1,470	90	120	49	79
4	73	65	82	203	246	800	1,300	618	80	110	52	96
5	60	65	83	181	232	720	1,000	421	70	100	76	107
6	76	62	84	168	222	690	910	344	62	90	60	100
7	297	57	86	159	296	674	820	344	58	83	107	96
8	271	54	88	154	328	1,060	750	367	53	79	146	79
9	176	62	86	150	296	938	770	312	50	76	138	60
10	126	60	88	142	256	800	1,100	323	47	208	126	68
11	103	57	94	130	227	680	1,000	302	45	466	96	54
12	90	60	103	126	208	570	1,500	379	50	834	79	52
13	83	62	122	154	203	580	2,800	328	140	1,260	71	54
14	73	62	103	356	199	620	2,200	256	100	3,100	134	62
15	71	62	118	379	194	530	1,500	213	82	1,570	130	103
16	65	62	146	291	185	450	1,800	194	130	558	100	122
17	60	65	142	232	185	420	1,500	168	110	440	86	83
18	60	79	118	203	1,000	680	1,100	160	95	390	65	62
19	57	93	103	203	2,400	1,040	810	150	82	344	57	42
20	57	86	96	318	6,800	714	650	140	150	213	49	49
21	54	79	126	323	5,800	558	535	130	1,100	232	45	49
22	54	73	168	246	3,100	507	473	120	1,200	159	33	49
23	54	83	181	208	3,300	421	434	150	900	154	35	45
24	57	107	150	203	5,500	379	402	254	500	142	236	44
25	54	126	122	208	12,000	356	373	350	400	130	286	43
26	52	110	107	314	6,000	333	603	450	350	114	142	41
27	52	95	103	507	4,000	328	2,010	550	430	103	134	39
28	49	90	100	460	2,500	356	2,890	400	350	110	114	39
29	49	90	96	350	-----	447	1,330	200	270	96	79	35
30	52	92	142	296	-----	434	634	160	200	93	62	31
31	54	-----	213	256	-----	1,500	-----	140	-----	90	73	-----
TOTAL	2,767	2,286	3,503	8,152	56,367	20,985	46,344	12,562	7,312	11,764	2,964	1,943
MEAN	89.3	76.2	113	263	2,013	677	1,545	405	244	379	96.6	64.8
MAX	297	126	213	514	12,000	1,500	8,200	2,180	1,200	3,100	286	122
MIN	49	54	82	126	185	328	373	120	45	76	33	31
CFSM	.27	.23	.35	.81	6.19	2.08	4.75	1.25	.75	1.17	29	.20
IN.	.32	.26	.40	.93	6.45	2.40	5.30	1.44	.84	1.35	.34	.72

CAL YR 1960: TOTAL 189,550 MEAN 518 MAX 8,700 MIN 25 CFSM 1.59 IN 21.65
MAY YR 1961: TOTAL 176,949 MEAN 485 MAX 12,000 MIN 31 CFSM 1.49 IN 20.25

Note --No gage-height record Feb 19 to Mar 5, Mar 31 to Apr 20 and May 25 to July 9

2-3425 Uchee Creek near Fort Mitchell, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	29	35	47	296	626	858	5,520	500	100	71	114	19
2	29	31	43	350	565	1,230	2,830	379	134	57	86	19
3	29	31	47	276	521	1,800	1,350	318	96	43	65	21
4	29	33	47	241	480	1,510	922	276	79	52	47	19
5	29	35	52	315	453	1,070	746	256	122	71	43	18
6	29	33	65	2,550	421	834	938	241	118	176	37	23
7	28	39	65	2,700	390	738	1,300	222	83	146	31	31
8	28	41	86	1,270	373	682	1,090	203	73	172	31	29
9	28	47	79	778	373	706	738	185	90	134	26	29
10	28	43	167	610	367	910	550	172	114	83	25	25
11	26	41	408	535	350	4,240	519	154	168	65	25	22
12	26	37	588	487	333	4,620	4,130	142	185	54	22	22
13	25	33	882	460	333	2,720	5,710	130	176	49	26	22
14	26	39	566	440	328	1,350	2,220	118	138	52	76	73
15	26	43	1,070	460	328	1,190	1,330	107	107	49	52	47
16	25	45	1,910	535	408	1,070	1,000	103	86	76	39	35
17	23	47	1,220	473	558	810	826	90	65	86	39	28
18	25	47	954	434	421	665	746	72	54	68	33	59
19	26	45	658	1,530	1,130	602	698	76	49	57	28	45
20	26	43	453	3,070	1,070	572	618	68	54	49	25	39
21	25	43	373	1,790	706	634	550	65	65	54	26	31
22	26	47	323	1,060	2,830	618	494	60	48	47	31	25
23	26	302	982	302	982	5,310	521	450	54	41	41	22
24	26	86	307	1,190	2,730	473	440	52	54	33	45	21
25	26	103	281	1,070	2,880	521	572	47	146	44	41	21
26	29	73	256	850	1,530	914	473	43	138	52	39	23
27	31	62	246	810	1,110	746	408	41	118	83	39	26
28	31	57	246	1,110	938	528	627	39	104	73	31	23
29	31	52	246	1,230	-----	460	1,060	31	172	86	25	22
30	28	39	227	898	-----	428	890	39	93	121	25	19
31	35	-----	213	714	-----	2,180	-----	49	-----	172	22	-----
TOTAL	856	1,446	12,527	29,414	27,762	36,201	39,555	4,339	3,204	2,366	1,235	851
MEAN	27.4	46.2	404	949	892	1,107	1,107	136	104	76	39.1	27.4
MAX	35	103	1,910	3,070	5,310	4,620	5,710	500	194	172	114	73
MIN	23	31	43	241	328	428	408	31	49	33	22	18
CFSM	.08	.15	1.24	2.92	3.05	3.59	4.06	.43	.33	.23	.12	.09
IN.	.10	.17	1.43	3.37	3.18	4.14	4.53	.50	.37	.27	.14	.10

CAL YR 1961 TOTAL 183,222 MEAN 502 MAX 12,000 MIN 23 CFSM 1.54 IN 20.97
WAT YR 1962 TOTAL 159,756 MEAN 438 MAX 5,710 MIN 18 CFSM 1.35 IN 18.28

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	25	23	79	380	810	390	240	281	71	157	83	18
2	33	23	57	260	650	400	218	213	49	96	76	15
3	26	43	49	220	746	380	203	176	41	71	65	15
4	29	25	45	210	834	440	194	110	33	64	49	15
5	28	25	43	200	650	820	163	96	35	57	41	15
6	28	25	41	190	535	3,000	190	83	33	45	33	9.4
7	25	25	39	190	500	3,900	83	31	35	31	31	11
8	25	30	38	180	460	2,800	302	110	31	35	35	13
9	22	75	37	170	421	1,400	241	96	33	52	39	13
10	19	65	37	170	367	830	213	73	31	109	20	13
11	18	68	36	170	460	670	194	62	28	200	23	13
12	19	60	36	300	1,100	720	203	60	23	93	37	11
13	18	57	35	660	1,500	830	199	54	19	62	99	13
14	16	47	35	460	960	760	180	49	21	49	379	13
15	16	43	35	340	700	660	160	57	19	49	333	13
16	15	43	50	280	560	560	150	100	16	45	194	14
17	16	41	140	260	470	530	130	68	19	52	126	13
18	15	45	130	1,000	440	500	110	54	89	66	96	16
19	15	45	96	1,500	760	480	93	47	46	138	79	14
20	15	52	76	3,000	1,100	570	86	43	37	107	68	13
21	27	113	73	4,800	840	480	96	41	39	177	68	12
22	52	227	79	3,000	610	430	93	41	101	138	107	12
23	35	281	79	1,500	480	370	93	39	373	93	83	12
24	37	199	86	960	540	350	76	35	323	68	60	R.6
25	33	122	168	780	590	330	73	31	222	126	54	10
26	28	86	328	640	510	410	73	35	142	138	41	11
27	25	68	250	540	430	520	79	39	200	96	41	10
28	25	54	200	460	370	450	73	65	176	71	37	37
29	23	47	300	430	-----	360	103	73	130	176	26	251
30	23	96	540	810	-----	310	203	172	96	142	18	473
31	25	-----	980	940	-----	280	-----	114	-----	96	23	-----
TOTAL	756	2,133	3,817	25,000	18,393	24,930	4,717	2,550	2,457	2,932	2,473	1,107.0
MEAN	24.4	71.1	123	806	657	804	157	82.3	81.9	94.6	79.8	36.9
MAX	52	281	580	4,800	1,500	3,900	302	281	323	200	379	473
MIN	15	23	35	170	367	280	73	31	16	35	18	8.6
CFSM	.08	.22	.38	2.48	2.02	2.47	.48	.75	.25	.79	.25	.11
IN.	.09	.24	.44	2.86	2.10	2.85	.54	.29	.28	.34	.28	.13

CAL YR 1962 TOTAL 151,633 MEAN 415 MAX 5,710 MIN 15 CFSM 1.28 IN 17.35
WAT YR 1963 TOTAL 91,265.0 MEAN 250 MAX 4,800 MIN 8.6 CFSM .77 IN 10.44

Note --No gage-height record Dec 27 to Jan 30 and Feb 11 to Apr 1

APALACHICOLA RIVER BASIN

69

2-3428 5 Hannahatchee Creek at Julia, Ga

Location --Lat 32°09'10", long 84°54'10", on downstream side of county highway bridge at Julia, Stewart County, and 11 miles above mouth

Drainage area --121 sq mi

Records available --June 1964 to September 1965

Gage --Water-stage recorder Datum of gage is 234.85 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers)

Extremes --1964 Maximum gage height during period June to September, 2.40 ft Sept 12 (discharge not determined), minimum daily discharge, 30 cfs Sept 9, 10
1964-65 Maximum gage height during water year, 7.95 ft Dec 25 (discharge not determined), minimum daily discharge, 28 cfs Sept 9

Remarks --Records good except those above 300 cfs, which are poor

Cooperation --Gage-height record, 15 discharge measurements, and computations of daily discharge furnished by Corps of Engineers, records reviewed by Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, JUNE TO SEPTEMBER 1964

DAY	JUNE	JULY	AUG	SEPT	DAY	JUNE	JULY	AUG	SEPT	DAY	JUNE	JULY	AUG	SEPT
1	64	44	55	36	11	46	42	216	40	21	40	61	55	43
2	70	73	44	36	12	48	61	184	400	22	40	67	228	42
3	60	64	42	55	13	58	121	268	140	23	40	58	200	42
4	50	58	38	44	14	46	82	94	79	24	42	76	97	42
5	56	70	36	38	15	43	70	70	61	25	42	79	73	40
6	70	42	118	38	16	42	48	64	52	26	50	58	55	38
7	95	38	106	36	17	46	44	76	48	27	67	50	46	38
8	75	34	52	34	18	61	46	133	46	28	61	50	44	42
9	60	36	44	30	19	44	48	67	44	29	44	50	43	40
10	50	38	55	30	20	40	55	55	43	30	38	55	40	44
										31	-----	52	38	-----
TOTAL											1,588	1,770	2,736	1,741
MEAN											52.9	57.1	88.3	58.0
MAX											95	121	268	400
MIN											38	34	36	30
CFSM											44	47	73	48
IN											49	54	84	54

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT
1	112	61	70	148	109	160	200	73	36	42	52	32
2	61	61	67	136	152	348	176	70	34	44	46	44
3	55	61	67	136	121	260	164	67	34	42	42	97
4	1,140	61	192	115	115	224	188	82	44	40	42	50
5	1,280	58	180	106	109	204	172	64	106	100	44	44
6	268	58	118	103	312	196	140	61	58	124	46	43
7	144	58	97	100	495	172	124	58	52	109	70	40
8	115	58	91	103	228	152	124	58	50	106	180	32
9	100	55	82	100	176	144	121	55	88	67	160	28
10	88	55	76	106	156	133	118	70	58	55	76	67
11	79	55	73	103	136	130	112	61	79	44	82	70
12	73	58	148	97	176	472	109	58	140	172	168	70
13	67	61	121	97	224	468	106	55	79	88	97	61
14	79	67	94	94	416	272	97	50	64	79	67	38
15	208	64	85	94	264	220	94	43	97	148	50	32
16	244	61	85	97	216	204	97	42	124	91	50	32
17	130	58	85	88	1,540	208	91	42	124	61	46	32
18	94	55	97	88	1,040	575	88	40	70	46	46	32
19	82	55	85	85	372	276	85	38	58	42	50	44
20	76	118	91	82	288	392	97	36	44	58	48	36
21	70	85	121	85	260	252	94	34	42	97	46	34
22	67	64	94	85	224	208	88	36	40	50	44	30
23	67	61	94	118	204	212	85	42	38	42	43	30
24	64	100	91	348	208	220	79	40	38	43	38	46
25	64	264	2,900	148	236	184	79	42	42	44	36	70
26	61	115	1,180	127	188	200	91	50	64	43	32	44
27	64	91	525	118	172	288	118	43	46	44	32	43
28	64	109	284	112	172	340	140	43	52	79	47	43
29	64	109	208	109	-----	236	88	50	42	188	50	55
30	61	79	172	112	-----	228	79	43	42	85	43	67
31	61	-----	156	112	-----	216	-----	38	-----	61	38	-----
TOTAL	5,202	2,315	7,829	3,552	8,309	7,794	3,444	1,584	1,875	2,307	1,943	1,386
MEAN	168	77.2	253	115	297	251	115	51.1	62.5	74.4	62.7	46.2
MAX	1,280	264	2,900	348	1,540	575	200	82	140	188	180	97
MIN	55	55	67	82	109	130	79	34	34	40	32	28
CFSM	1.39	.64	2.09	.95	2.45	2.08	.95	.42	.52	.62	.52	18
IN.	1.60	.71	2.41	1.09	2.55	2.40	1.06	.49	.58	.71	.60	43

CAL YR 1964: TOTAL 47,540 MEAN 130 MAX 2,900 MIN 28 CFSM 1.08 IN 14.61

2-3429 33 South Fork Cowikee Creek near Batesville, Ala

Location --Lat 32°01', long 85°17', in SE¹/₄ sec 14, T 12 N, R 27 E, on left bank at downstream side of bridge on county road, 0 1 mile downstream from Bear Creek, 1 2 miles northeast of Batesville, 11 2 miles northwest of Eufaula, and 13 0 miles upstream from mouth

Drainage area --114 sq mi

Records available --October 1963 to September 1965

Gage --Water-stage recorder

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (3,500 cfs), water years 1964-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 18, 1964	0800	3,940	11 14	May 2, 1964	1900	* 5,640	14 86	Feb 17, 1965	2300	4,020	11 30
Mar 2, 1964	2000	4,370	12 00								
Apr 14, 1964	1400	4,270	11 80	Oct 5, 1964	0930	* 7,040	19 13				
Apr 27, 1964	1000	4 140	11 53	Dec 25, 1964	0600	5 840	15 33				

Annual minimum discharge, water years 1964-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1964	Oct 30, 1963	2 4	1 05	1965	Sept 15, 1965	2 2	1 03

1963-65 Maximum discharge, 7,040 cfs Oct 5, 1964 (gage height, 19 13 ft), minimum, 2 2 cfs Sept 15, 1965 (gage height, 1 03 ft)

Remarks --Records good Records of chemical analyses for the water years 1964-65 are published in reports of the Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964												
DAY	OCT.	NOV.	DEC	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT
1	21	3.7	34	581	166	164	73	178	26	113	124	16
2	14	5.4	24	132	128	1,490	70	2,810	18	165	79	14
3	11	4.5	22	91	115	1,890	69	1,900	17	64	57	12
4	9.2	4.2	19	80	107	1,410	69	299	16	142	44	11
5	7.3	5.7	17	84	153	1,360	67	172	15	114	40	11
6	6.0	14	16	293	275	317	116	130	40	45	209	10
7	5.7	7.3	16	544	158	556	223	110	100	31	153	10
8	4.8	5.7	18	883	257	176	721	94	40	24	340	12
9	4.5	5.1	21	2,420	150	168	265	83	20	19	505	9.9
10	4.5	4.8	18	425	123	218	113	79	17	27	343	7.6
11	4.2	5.1	16	216	174	152	90	74	16	53	487	19
12	4.0	4.5	80	199	148	128	79	95	15	110	268	1,340
13	4.0	4.2	333	166	179	118	148	179	14	1,440	126	342
14	3.8	3.8	752	150	687	113	2,420	94	14	600	81	94
15	3.3	3.7	268	140	263	291	1,020	74	14	200	62	67
16	3.3	3.7	99	130	369	208	195	66	16	60	54	51
17	3.1	3.6	74	300	176	133	133	58	20	50	64	40
18	3.3	3.6	64	1,090	2,630	112	108	63	14	60	74	34
19	2.9	4.5	58	600	555	116	94	48	11	80	57	32
20	2.9	5.1	55	324	251	305	80	45	9.0	50	62	30
21	2.9	4.8	53	197	188	146	72	42	12	50	46	27
22	2.9	5.1	50	156	172	107	66	39	19	45	66	24
23	2.7	10	62	140	150	94	69	37	17	120	171	22
24	3.1	15	63	144	137	94	62	33	119	70	99	19
25	3.5	11	54	1,090	403	105	60	32	51	55	62	22
26	3.8	8.9	50	267	279	172	346	30	533	55	43	15
27	3.8	20	49	178	361	120	2,490	25	76	70	38	14
28	3.3	52	43	170	534	93	521	23	47	120	32	14
29	2.7	154	42	137	204	88	563	21	45	90	25	16
30	2.4	60	39	126	-----	78	210	20	27	79	19	17
31	2.6	-----	285	130	-----	73	-----	22	-----	561	17	-----
TOTAL	156.5	443.0	2,794	11,493	9,492	10,595	10,612	6,975	1,393.0	4,967	3,967	2,351.5
MEAN	5.05	14.8	90.1	371	327	342	354	225	46.4	160	124	78.4
MAX	21	154	752	2,420	2,630	1,890	2,490	2,810	533	1,440	505	1,340
MIN	2.4	3.6	16	80	107	73	60	20	9.0	19	17	7.6
CFSM	.04	.13	.79	3.25	2.87	3.00	3.10	1.97	.41	1.41	1.09	.69
IN.	.05	.14	.91	3.75	3.10	3.46	3.46	2.78	.45	1.62	1.25	.77

CAL YR 1963 TOTAL 65,119.0 MEAN 178 MAX 2,810 MIN 2.4 CFM 1.56 IN 21.24

2-3429 33 South Fork Cowlikee Creek near Batesville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	32	45	91	154	94	128	121	23	8.6	7.4	21	5 2
2	27	43	88	146	273	413	114	22	7.6	7.1	31	23
3	26	42	85	142	134	240	107	22	7.1	6.5	20	14
4	999	42	203	138	109	447	119	20	11	6.0	14	12
5	5,810	42	217	128	101	206	117	19	13	2.0	23	9.7
6	741	42	134	123	943	165	99	19	9.7	41	72	7.6
7	209	39	102	121	1,150	142	90	18	20	66	35	5.7
8	142	36	96	112	322	126	86	18	19	69	54	4.7
9	116	36	90	114	204	117	81	17	14	49	141	4.2
10	104	36	88	125	162	114	74	16	13	27	44	4 0
11	88	35	86	125	140	112	69	16	48	16	44	3.2
12	81	34	204	107	404	968	63	15	39	14	28	3 0
13	78	42	163	106	583	790	59	14	38	12	19	2.6
14	83	55	112	102	719	262	52	13	36	10	16	2.4
15	269	44	93	101	311	186	49	12	25	46	15	2.2
16	424	42	89	116	385	152	49	11	16	31	14	2.4
17	194	40	89	102	2,320	184	45	11	38	18	14	3 0
18	116	40	201	95	2,080	1,400	42	10	76	14	12	3.5
19	90	40	95	91	395	307	42	9.3	16	10	10	4.4
20	78	102	108	90	253	244	47	9.0	14	8.2	9.3	3.7
21	73	74	172	90	206	163	47	8.2	12	72	9.0	3 0
22	72	54	125	89	174	140	44	8.6	11	17	8.6	2.4
23	69	51	112	422	159	150	41	9.0	9.3	14	9.3	2.6
24	63	106	197	839	168	212	36	9.0	14	12	8.2	4.7
25	61	695	4,390	209	204	150	36	8.7	19	11	7.4	3.7
26	59	227	3,500	172	140	140	36	7.9	13	10	6.5	3 0
27	57	128	731	140	128	206	39	7.4	10	9.0	6.8	2.6
28	56	130	304	107	125	271	33	8.6	9.0	7.9	9 0	3.7
29	55	152	214	104	-----	161	27	22	7.6	25	7.1	6.5
30	54	106	182	106	-----	138	26	15	7.4	26	6.2	24
31	49	-----	165	101	-----	132	-----	11	-----	16	5.7	-----
TOTAL	10,375	2,600	12,528	4,717	12,386	8,566	1,890	479.2	530.3	698.1	720.1	174.7
MEAN	335	86.7	404	152	442	276	63.0	13.8	17.7	22.5	23.2	5.80
MAX	5,810	695	4,390	839	2,320	1,400	121	23	48	72	141	24
MIN	26	34	85	89	94	112	26	7.4	7.1	6.0	5.7	2.2
CFSM	2.94	.76	3.54	1.33	3.88	2.42	.55	.12	.16	.20	.20	.05
IN.	3.38	85	4.09	1.54	4.04	2.79	.62	.14	.17	.23	.73	.04

CAL YR 1965 TOTAL 87,228.5 MEAN 238 MAX 5,810 MIN 1.6 CFSM 1.99 IN 28.46
WAT YR 1965. TOTAL 55,616.4 MEAN 152 MAX 5,810 MIN 2.2 CFSM 1.34 IN 18.14

2-3432 Pataula Creek near Lumpkin, Ga

Location --Lat 31°56', long 84°48', on downstream side of bridge on U S Highway 27, 1 3 miles upstream from Briar Creek and 8 miles south of Lumpkin, Stewart County

Drainage area --70 sq mi, approximately

Records available --Water years 1950-58 (annual maximum), and occasional low-flow measurements, 1943, 1950-52, 1954 June 1958 to September 1965

Gage --Digital water-stage recorder Datum of gage is 224.34 ft above mean sea level Prior to June 21, 1958, crest-stage gage, and June 21, 1958, to July 22, 1964, graphic water-stage recorder at same site and datum

Average discharge --7 years, 98.4 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (500 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Apr 1, 1961	0100	* 2,220	6 12	July 9, 1963	0500	* 700	4 80	July 19, 1964	0500	852	4 96
Apr 12, 1961	2200	1,490	5 58								
Jan 6, 1962	1800	* 1,320	5 45	Jan 9, 1964	1300	* 1,010	5 16	Oct 5, 1964	1000	960	5 10
Apr 1, 1962	0700	932	5 08	Feb 18, 1964	2000	817	4 91	Dec 25, 1964	1700	-	6 75
Apr 8, 1962	1300	686	4 78	Mar 3, 1964	1000	598	4 56	Feb 18, 1965	0100	1,080	5 23
				Apr 14, 1964	2000	598	4 56				
Jan 21, 1963	0300	581	4 63	Apr 27, 1964	2300	609	4 58				
				May 3, 1964	0500	789	4 87				

Annual minimum discharge, water years 1961-65					
Water year	Date	Discharge	Water year	Date	Discharge
1961	Aug 2, 3, Sept 29, 30, 1961	32	1964	Oct 22, 23, 29, 1963	21
1962	Sept 1, 2, 1962	28	1965	Sept 1, 22, 23, 24, 1965	38
1963	June 15, 1963	14			

1949-65 Maximum gage height, 6.99 ft May 3, 1953 (discharge not determined)

1958-65 Minimum discharge, 14 cfs June 15, 1963 A discharge of 12.0 cfs was measured on Sept 28, 1954

Remarks --Records good except those above 1,400 cfs, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	56	53	55	130	66	134	1,130	81	56	62	34	92
2	51	47	53	85	64	210	273	116	52	54	32	54
3	48	45	53	72	68	134	157	89	50	48	32	49
4	47	44	55	66	66	108	130	77	47	46	34	44
5	47	44	55	64	60	104	116	72	45	48	96	48
6	51	45	56	63	76	96	125	70	44	47	53	96
7	90	45	56	62	167	93	148	66	41	58	70	60
8	69	46	58	68	120	96	112	63	40	62	90	51
9	62	49	57	64	83	92	149	80	40	60	96	46
10	53	51	56	59	74	81	218	120	40	48	58	44
11	49	51	76	59	68	79	130	92	38	70	47	47
12	47	51	78	59	68	79	860	108	38	130	42	57
13	47	51	62	68	64	80	549	87	46	117	44	108
14	53	50	57	148	63	80	203	74	40	234	161	61
15	49	50	70	91	62	77	196	67	49	96	61	75
16	47	52	81	74	58	73	271	64	130	69	51	52
17	45	55	64	66	56	76	184	58	57	66	45	45
18	44	56	60	64	110	125	143	57	53	59	40	42
19	44	57	59	71	167	104	125	55	47	76	40	41
20	48	55	59	90	148	83	116	53	84	69	38	43
21	47	55	89	71	100	79	108	51	282	68	40	40
22	45	56	78	63	93	74	104	51	147	53	39	38
23	44	71	64	64	285	68	100	62	74	48	40	38
24	44	78	63	64	316	65	96	80	138	45	68	36
25	42	64	64	82	178	62	93	139	91	42	80	36
26	42	62	62	116	138	61	91	218	86	40	65	35
27	43	59	62	130	104	96	197	106	38	58	58	38
28	43	61	61	87	100	87	96	87	76	42	50	33
29	42	62	60	82	-----	72	84	73	66	38	44	32
30	42	59	73	75	-----	66	78	66	82	36	42	32
31	46	-----	87	68	-----	845	-----	60	-----	34	54	-----
TOTAL	1,527	1,624	1,983	2,425	3,022	3,546	6,281	2,633	2,183	2,003	1,744	1,504
MEAN	49.3	54.1	64.0	78.2	108	114	209	84.9	72.8	64.6	56.3	50.1
MAX	90	78	89	148	316	845	1,130	218	282	234	161	108
MIN	42	44	53	59	56	61	78	51	38	34	32	32
CFSM	.77	.91	.91	1.12	1.54	1.63	2.99	1.21	1.04	.92	.80	.72
IN.	.81	.86	1.05	1.29	1.61	1.88	3.34	1.40	1.16	1.06	.93	.80

CAL YR 1960: TOTAL 38,344
WAT YR 1961: TOTAL 30,475

MEAN 105
MEAN 83.5

MAX 1,170
MAX 1,130

MIN 38
MIN 32

CFSM 1.50
CFSM 1.19

IN 20.37
IN 16.19

2-3432 Pataula Creek near Lumpkin, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	34	44	47	100	76	126	700	102	124	54	48	29
2	32	45	48	85	75	202	243	91	271	51	54	32
3	34	46	50	70	78	202	153	83	94	50	44	36
4	36	47	50	65	77	139	134	81	82	54	42	36
5	34	48	50	65	75	121	121	79	83	71	40	31
6	34	48	55	802	71	109	143	77	70	58	36	32
7	33	50	61	436	66	102	241	75	65	60	44	34
8	34	47	56	167	65	98	574	73	79	54	48	38
9	36	44	54	120	68	98	291	70	98	50	44	38
10	35	44	79	108	71	98	178	68	121	46	36	34
11	34	44	172	96	64	153	158	68	180	44	32	34
12	34	44	172	93	64	163	276	67	121	43	31	36
13	36	44	278	87	65	109	329	68	139	44	32	34
14	35	46	163	87	64	98	178	63	117	44	58	58
15	34	47	116	104	64	126	148	61	113	61	94	78
16	33	45	120	104	84	121	134	59	83	56	56	73
17	34	48	93	87	89	98	126	57	74	49	46	50
18	34	44	120	83	71	91	117	52	72	44	47	54
19	36	42	112	91	358	90	113	55	79	45	39	46
20	35	42	83	90	334	89	109	54	76	52	36	40
21	37	42	74	82	148	98	102	52	80	46	36	35
22	38	42	71	80	163	94	98	51	70	41	41	32
23	39	76	73	79	153	94	98	50	65	38	34	34
24	40	96	71	79	139	86	94	48	63	37	40	32
25	40	59	66	77	130	98	94	48	85	35	47	36
26	40	52	64	76	113	126	91	46	70	45	44	74
27	51	51	65	92	105	94	94	42	68	42	91	91
28	40	51	78	148	98	86	98	44	65	38	42	54
29	42	49	68	104	-----	83	230	44	62	80	37	45
30	44	47	63	87	-----	82	153	46	58	69	33	42
31	44	-----	64	83	-----	205	-----	144	-----	50	30	-----
TOTAL	1,129	1,476	2,737	3,922	3,028	3,579	5,818	2,926	2,827	1,550	1,387	1,320
MEAN	36.4	46.2	86.3	127	108	115	182	88.2	88.0	48.4	42.6	41.0
MAX	44	96	278	802	358	205	700	144	271	80	98	91
MIN	32	42	47	65	64	82	91	44	58	35	30	29
CFSM	.52	.70	1.26	1.81	1.54	1.65	2.68	.93	1.35	.71	.64	.61
IN.	.60	.78	1.45	2.08	1.61	1.90	2.98	1.08	1.40	.82	.71	.70
CAL YR 1961	TOTAL 30,683			MEAN 84.1		MAX 1,130	MIN 32	CFSM 1.20		IN 16.30		
WAT YR 1962:	TOTAL 30,594			MEAN 83.8		MAX 802	MIN 29	CFSM 1.20		IN 16.25		

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	42	44	46	52	88	79	54	199	33	45	41	25
2	60	44	44	47	82	82	93	68	28	42	38	24
3	54	46	42	46	88	74	52	55	26	48	44	22
4	65	48	43	44	80	73	52	51	24	38	33	22
5	56	50	43	44	74	74	50	47	23	34	32	22
6	46	51	42	44	74	98	70	44	22	30	32	21
7	44	52	40	44	73	90	190	50	21	28	39	21
8	44	56	47	42	70	75	126	44	20	90	37	21
9	47	87	55	41	68	71	75	40	23	541	32	20
10	42	71	44	41	67	71	67	38	20	187	32	20
11	40	44	42	50	151	70	64	35	19	84	55	20
12	40	43	42	178	280	70	61	33	17	65	40	19
13	40	44	41	158	150	73	57	32	15	55	38	19
14	40	42	43	105	102	69	51	36	15	51	58	29
15	39	40	43	79	91	68	48	45	15	52	51	63
16	40	42	51	71	85	65	46	37	16	62	38	40
17	40	43	52	69	82	66	45	33	54	67	38	34
18	39	46	44	94	80	65	44	30	98	84	62	30
19	38	51	43	105	130	63	42	28	126	77	44	29
20	37	52	45	321	121	83	41	44	139	55	36	26
21	39	76	44	402	90	76	39	42	109	56	39	25
22	63	102	48	168	82	62	38	41	134	58	39	28
23	64	64	113	78	59	36	36	91	46	37	24	24
24	44	51	44	109	105	58	34	32	86	58	32	21
25	42	49	70	91	105	58	32	28	65	91	30	21
26	42	45	72	90	86	61	34	28	70	109	28	21
27	42	44	54	87	79	65	32	28	63	60	26	41
28	42	44	47	79	76	59	33	47	68	57	28	143
29	43	51	85	77	-----	56	38	83	61	54	28	296
30	44	54	102	94	-----	55	131	70	52	46	28	111
31	45	-----	61	109	-----	54	-----	42	-----	42	29	-----
TOTAL	1,391	1,567	1,567	3,094	2,737	2,142	1,735	1,466	1,573	2,407	1,155	1,258
MEAN	44.9	52.5	50.5	99.8	97.8	69.1	57.8	47.3	52.4	77.6	37.3	41.9
MAX	65	102	102	402	280	98	190	199	139	541	62	296
MIN	37	40	40	41	67	54	32	28	15	28	26	19
CFSM	.64	.75	.72	1.43	1.40	.99	.83	.68	.75	1.11	.53	.60
IN.	.74	.84	.83	1.64	1.45	1.14	.92	.78	.84	1.28	.61	.67
CAL YR 1962:	TOTAL 29,786			MEAN 81.6		MAX 802	MIN 29	CFSM 1.17		IN 15.82		
WAT YR 1963:	TOTAL 22,101			MEAN 68.6		MAX 541	MIN 15	CFSM .87		IN 11.74		

APALACHICOLA RIVER BASIN

2-3432 Pataula Creek near Lumpkin, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	56	26	58	384	160	156	104	144	76	56	123	62
2	49	40	56	203	133	200	104	338	79	60	96	61
3	44	33	56	113	122	530	104	614	74	57	85	63
4	40	30	52	94	116	310	104	273	70	88	80	60
5	36	33	50	91	148	344	104	185	67	111	91	58
6	34	44	48	103	265	290	162	151	82	67	125	55
7	32	38	48	178	192	206	322	133	112	59	171	60
8	32	34	54	172	206	192	227	123	83	56	100	53
9	31	32	52	778	170	177	282	116	73	56	90	50
10	29	34	48	447	135	185	172	112	69	58	95	50
11	28	34	50	227	143	164	133	108	67	125	135	69
12	28	32	170	213	137	149	122	104	67	120	207	388
13	28	30	209	192	127	139	133	130	66	277	157	297
14	26	30	209	137	185	136	384	112	62	190	102	110
15	25	30	139	122	170	150	438	100	60	104	98	93
16	25	34	87	126	227	147	227	94	58	80	84	86
17	25	34	75	307	164	127	172	94	62	92	87	92
18	23	34	70	402	526	123	147	90	74	171	111	79
19	23	35	65	234	518	121	132	87	62	615	88	78
20	23	36	64	326	249	164	123	84	58	274	78	78
21	23	36	63	316	199	133	115	83	57	249	101	76
22	22	38	61	192	177	117	112	80	58	135	192	76
23	22	58	74	160	163	115	108	90	56	173	279	74
24	25	73	77	144	149	121	104	78	60	115	165	73
25	26	48	64	329	199	130	100	117	61	257	100	69
26	26	46	61	370	220	139	257	87	67	241	84	67
27	26	89	60	206	185	130	395	79	66	156	77	70
28	25	134	58	224	224	114	412	76	70	160	72	73
29	23	153	57	156	185	113	206	75	67	156	68	71
30	22	77	56	138	-----	108	149	76	56	108	67	72
31	24	-----	134	137	-----	104	-----	78	-----	108	64	-----
TOTAL	901	1,425	2,425	7,182	5,804	5,334	5,654	4,101	2,034	4,523	3,402	2,853
MEAN	29.1	47.5	78.2	232	200	172	188	132	67.8	125	110	88.4
MAX	56	153	209	778	526	530	438	614	112	615	279	388
MIN	22	26	48	91	116	104	100	75	56	56	64	50
CFSM	.42	.68	1.12	3.31	2.86	2.46	2.69	1.89	.97	2.08	1.57	1.26
IN.	.48	.76	1.29	3.82	3.08	2.81	3.00	2.18	1.08	2.40	1.81	1.41

CAL YR 1963 TOTAL 22,318 MEAN 61.1 MAX 541 MIN 15 CFSM .87 IN 11.86
WAT YR 1964 TOTAL 45,438 MEAN 124 MAX 778 MIN 22 CFSM 1.77 IN 24.14

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	90	85	93	170	90	146	184	90	56	60	59	42
2	77	85	91	158	100	245	170	87	53	81	56	68
3	83	85	91	152	110	250	159	84	52	61	49	79
4	305	85	180	141	100	171	181	81	68	56	47	57
5	796	85	295	135	95	152	165	80	73	114	48	50
6	359	83	152	134	180	149	150	77	62	107	51	47
7	143	85	117	131	320	140	143	75	65	99	72	43
8	112	85	108	128	220	135	141	73	69	105	150	40
9	100	83	104	125	140	130	137	72	144	84	184	40
10	91	83	100	143	130	128	131	70	81	89	85	66
11	87	83	100	138	124	125	126	68	156	64	70	67
12	83	83	115	121	131	209	123	68	200	79	63	50
13	82	120	115	118	186	344	118	69	136	82	60	45
14	107	119	100	117	241	200	110	65	95	74	56	44
15	184	94	93	117	207	158	112	62	153	96	91	42
16	192	91	91	120	174	143	115	60	172	70	51	42
17	120	89	93	130	712	141	107	60	166	60	48	40
18	96	87	94	120	796	395	101	59	105	53	50	40
19	89	87	90	110	350	306	122	58	54	40	60	42
20	86	135	101	110	237	267	148	57	72	50	54	39
21	85	116	125	110	197	227	118	56	65	111	49	39
22	85	88	101	110	177	193	112	57	62	63	46	40
23	83	87	96	120	161	189	105	56	58	54	64	38
24	82	135	94	160	169	203	99	56	57	53	43	50
25	82	227	2,390	150	263	182	97	57	57	54	41	83
26	83	175	1,050	120	181	179	115	67	59	51	40	50
27	83	107	888	110	151	227	133	59	60	49	40	47
28	85	125	356	100	146	254	162	77	56	62	49	53
29	85	136	248	95	-----	212	105	130	54	115	47	66
30	85	102	209	90	-----	179	94	73	54	79	42	72
31	85	-----	186	95	-----	193	-----	60	-----	61	40	-----
TOTAL	4,207	3,130	8,066	3,878	6,088	6,172	3,883	2,161	2,654	2,286	1,845	1,521
MEAN	136	104	250	125	217	199	129	69.7	88.5	73.7	59.4	47
MAX	796	227	2,390	170	796	395	184	130	200	115	184	83
MIN	77	83	90	90	90	125	94	54	52	49	40	38
CFSM	1.94	1.49	3.72	1.79	3.11	2.84	1.85	1.00	1.26	1.05	.85	.72
IN.	2.24	1.66	4.29	2.06	3.23	3.28	2.06	1.15	1.41	1.21	.98	.81

CAL YR 1964 TOTAL 56,090 MEAN 153 MAX 2,390 MIN 50 CFSM 2.19 IN 29.80
WAT YR 1965 TOTAL 45,891 MEAN 126 MAX 2,390 MIN 38 CFSM 1.80 IN 24.38

2-3432 4 Walter F George Reservoir near Ft Gaines, Ga

Location --Lat 31°38', long 85°04', at forebay of dam on Chattahoochee River, 1 6 miles upstream from bridge on State Highway 37, about a mile north of Ft Gaines, Clay County, and at mile 75 0

Drainage area --7,460 sq mi, approximately

Records available --May 1962 to September 1965

Gage --Water-stage recorder Datum of gage is at mean sea level, datum of 1929 (levels by Corps of Engineers)

Extremes --Maximums and minimums (contents in acre-feet, elevation in feet) for the period May 1962 to September 1965 are contained in the following table

Water year	Maximum			Minimum		
	Date	Contents	Elevation	Date	Contents	Elevation
1962	Sept 30, 1962	83,760	148 87	-	-	-
1963	Mar 27, 1963	621,800	184 05	Oct 1, 1962	83,760	148 87
1964	July 26, 1964	962,300	190 61	Nov 27, 1963	647,000	182 79
1965	Oct 5, 6, 1964	966,400	190 70	Apr 23, 1965	660,400	183 17

1962-65 Maximum contents, 966,400 acre-ft Oct 5, 6, 1964 (elevation, 190 70 ft), minimum, after first filling, 660,400 acre-ft Apr 23, 1965

Remarks --Lake is formed by concrete gravity dam and navigation lock with earth dikes on either side The non-overflow section includes a powerhouse The spillway (crest elevation, 163 0 ft) is equipped with 14 taintor gates 42 ft wide by 29 ft high Total capacity at elevation 190 0 ft (full summer pool), 934,400 acre-ft, of which 244,400 acre-ft between 190 0 and 184 0 ft (minimum pool) is controlled storage Filling began in May 1962 Power operation commenced on Mar 13, 1963, with pool at elevation 177 5 ft Lake is used for navigation and power

Cooperation --Capacity table and gage-height record furnished by Corps of Engineers

MONTH-END ELEVATION AND CONTENTS AT 2400, MAY 1962 TO SEPTEMBER 1965

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)	Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Oct 31, 1960				Oct 31, 1963	183 50	672,000	+19,000
Nov 30				Nov 30	184 25	699,200	+27,200
Dec 31				Dec 31	184 51	708,800	+9,600
Calendar year 1960				Calendar year 1963	-	-	+443,300
Jan 31, 1961				Jan 31, 1964	185 12	731,700	+22,900
Feb 28				Feb 29	184 84	721,000	-10,700
Mar 31				Mar 31	185 41	742,700	+21,700
Apr 30				Apr 30	189 24	900,600	+157,900
May 31				May 31	188 51	868,700	-31,900
June 30				June 30	189 65	917,800	+49,100
July 31				July 31	189 64	918,200	+400
Aug 31				Aug 31	189 19	898,400	-19,800
Sept 30				Sept 30	189 02	890,900	-7,500
Water year 1961				Water year 1964	-	-	+237,900
Oct 31				Oct 31	187 81	839,100	-51,800
Nov 30				Nov 30	186 69	793,000	-46,100
Dec 31				Dec 31	185 09	730,500	-62,500
Calendar year 1961				Calendar year 1964	-	-	+21,700
Jan 31, 1962				Jan 31, 1965	185 95	763,600	+33,100
Feb 28				Feb 28	185 84	759,400	-4,200
Mar 31				Mar 31	186 70	793,400	+34,000
Apr 30				Apr 30	183 52	672,700	-120,700
May 31	111 20	3,360	-	May 31	184 67	714,700	+42,000
June 30	120 17	11,890	+8,530	June 30	184 27	699,900	-14,800
July 31	131 31	29,810	+17,920	July 31	186 29	777,000	+77,100
Aug 31	144 23	65,020	+35,210	Aug 31	188 83	882,500	+105,500
Sept 30	148 97	83,760	+18,740	Sept 30	188 02	847,900	-34,600
Water year 1962	-	-	-	Water year 1965	-	-	-43,000
Oct 31	157 63	138,600	+54,840				
Nov 30	170 65	321,700	+183,100				
Dec 31	167 63	265,500	-56,200				
Calendar year 1962	-	-	-				
Jan 31, 1963	168 70	284,400	+18,900				
Feb 28	167 43	262,100	-22,300				
Mar 31	181 60	607,000	+344,900				
Apr 30	176 62	460,200	-146,800				
May 31	177 79	491,800	+31,600				
June 30	178 03	498,500	+6,700				
July 31	182 57	639,500	+141,000				
Aug 31	183 23	662,400	+22,900				
Sept 30	182 96	653,000	-9,400				
Water year 1963	-	-	+569,240				

APALACHICOLA RIVER BASIN

2-3432 6 Chattahoochee River at Fort Gaines, Ga

Location --Lat 31°36', long 85°03', on left bank, just downstream from bridge on State Highway 37, at Fort Gaines, Clay County, 1 6 miles below Walter F George Lock and Dam, and at mile 73 4

Drainage area --7,570 sq mi, approximately

Records available --October 1960 to September 1962 (discontinued)

Gage --Water-stage recorder Datum of gage is 95 75 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers) Prior to Aug 9, 1961, wire-weight gage at same site and datum

Extremes --1960-61 Maximum discharge during water year, 114,000 cfs Feb 28 (gage height, 49 5 ft), minimum daily, 2,040 cfs Nov 1
1961-62 Maximum discharge during water year, 56,400 cfs Dec 16 (gage height, 33 73 ft), minimum daily, 2,060 cfs Oct 11
Flood in March 1929 reached a stage of 59 55 ft, from Corps of Engineers flood profile (discharge, 200,000 cfs, from rating curve extended above 110,000 cfs on basis of peak flow for stations at Columbus, Ga and Columbia, Ala)

Remarks --Flow regulated by Lake Sidney Lanier and Bartletts Ferry Reservoir (see stations 2-3344 and 2-3410)

Cooperation --Gage-height record, 30 discharge measurements, and computation of daily discharge furnished by Corps of Engineers, records reviewed by Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.
1	13,800	2,040	7,400	5,380	5,850	103,000	53,200	17,800	8,060	9,800	2,580
2	8,680	2,570	6,660	4,200	5,840	80,400	69,900	21,100	7,380	9,130	4,390
3	7,730	5,760	6,300	3,880	8,360	43,400	70,400	26,000	5,990	8,170	3,560
4	8,200	6,010	4,500	3,840	6,840	20,500	46,500	21,400	9,770	7,740	4,020
5	8,040	5,710	3,270	5,980	4,600	14,200	26,000	17,300	3,310	6,360	5,060
6	6,380	4,210	3,180	6,570	3,210	10,700	20,500	13,900	5,770	5,990	4,850
7	5,650	2,580	5,960	6,700	4,600	10,100	18,800	12,290	11,100	9,220	5,260
8	6,140	2,040	6,780	5,160	8,360	13,700	18,800	12,300	6,240	8,890	6,450
9	5,350	5,300	6,700	3,030	8,090	24,300	17,800	12,900	4,150	5,620	8,890
10	4,350	5,470	6,570	3,730	6,530	21,900	19,100	12,500	3,900	7,740	9,670
11	3,800	4,890	5,660	5,200	5,420	18,000	19,800	12,800	4,400	4,500	9,850
12	6,280	4,720	4,430	5,350	3,900	14,600	27,200	12,000	3,260	11,300	8,760
13	7,290	3,340	3,340	5,400	3,010	11,200	42,000	13,800	4,570	14,500	7,370
14	6,500	2,580	6,350	6,010	2,900	12,200	37,700	12,100	6,690	24,600	5,590
15	5,990	2,700	7,180	5,100	2,900	11,200	32,000	11,300	5,900	19,200	6,450
16	5,160	5,000	7,470	3,950	3,260	12,000	36,900	12,400	4,940	14,600	7,640
17	2,700	5,100	7,100	3,990	3,100	11,700	33,400	12,900	7,290	11,200	5,810
18	2,510	4,500	5,190	5,670	3,050	12,100	27,100	9,590	7,220	11,000	5,680
19	3,920	5,300	2,980	6,390	11,700	14,700	19,300	7,770	7,820	10,100	6,090
20	5,140	3,200	3,020	7,110	35,300	15,800	16,200	10,400	8,420	10,300	5,250
21	5,760	2,480	5,780	6,980	54,100	15,000	15,100	6,390	11,100	11,800	2,700
22	4,990	2,240	7,100	5,320	65,300	14,800	15,900	3,680	18,900	11,300	4,810
23	2,580	5,100	6,980	3,680	68,700	14,900	15,700	3,220	18,400	9,900	5,680
24	2,340	5,600	5,890	3,850	68,100	13,900	15,000	5,450	16,800	6,680	5,890
25	2,340	5,900	4,580	6,380	66,300	12,600	13,800	10,800	13,400	7,200	9,380
26	3,620	5,200	2,880	7,200	83,200	12,600	12,600	14,800	10,600	8,280	12,900
27	3,350	6,000	2,680	8,460	101,000	9,240	14,800	16,400	12,300	5,750	18,700
28	4,040	4,500	3,370	9,510	109,000	10,000	20,600	13,100	14,600	6,030	13,800
29	3,840	3,300	6,130	5,710	-----	12,200	29,600	7,730	14,400	5,050	10,500
30	3,960	6,870	6,330	3,700	-----	13,500	23,100	5,830	10,600	4,950	10,000
31	2,430	-----	6,180	3,730	-----	19,400	-----	8,200	-----	2,760	10,000
TOTAL	162,860	129,710	167,940	167,160	752,520	623,740	822,800	378,060	267,280	289,660	227,580
MEAN	5,254	4,324	5,417	5,392	26,880	20,120	27,430	12,200	8,909	9,344	7,341
MAX	13,800	6,870	7,470	9,510	109,000	103,000	70,400	26,000	18,900	24,600	18,700
MIN	2,340	2,040	2,680	3,030	2,900	9,240	12,600	3,220	3,260	2,760	2,580

CAL YR 1960: TOTAL MEAN MAX MIN
WAT YR 1961: TOTAL 4,148,620 MEAN 11,370 MAX 109,000 MIN 2,040 MEANT 11,460 CFSMT 1 51 INT 20 50

† Adjusted for change in contents in Lake Sidney Lanier and Bartletts Ferry Reservoir

2-3432 6 Chattahoochee River at Fort Gaines, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,200	4,140	5,550	11,500	15,700	17,600	38,500	16,500	4,900	4,710	3,630	3,300
2	2,160	4,990	5,530	12,000	15,100	19,700	46,700	15,400	5,250	4,500	4,190	3,300
3	2,100	5,300	4,750	11,200	12,700	24,300	41,300	13,400	5,430	4,830	3,150	3,000
4	2,890	6,000	2,930	9,850	12,200	23,400	26,200	12,100	5,440	5,540	5,720	2,800
5	3,470	5,690	2,710	9,780	12,600	20,300	19,600	12,100	5,540	5,330	5,140	3,300
6	2,210	3,300	4,570	21,000	10,300	17,500	18,800	10,800	5,990	4,750	4,240	4,050
7	3,070	2,970	6,130	30,300	11,600	14,600	27,100	10,700	6,030	5,940	3,890	3,980
8	3,220	5,180	5,940	27,100	11,000	14,600	28,700	11,000	6,480	6,180	4,580	3,600
9	2,270	6,170	6,130	21,000	11,400	15,800	26,600	9,500	7,250	8,360	4,730	3,110
10	2,070	6,540	5,330	16,300	11,300	15,000	22,000	9,060	5,980	7,800	3,010	2,720
11	2,060	5,670	6,050	13,900	8,920	13,900	19,200	9,110	4,820	6,990	2,800	2,800
12	2,370	4,660	13,600	13,400	6,080	36,700	22,800	8,790	4,780	6,350	3,300	3,380
13	2,970	3,260	27,500	13,100	4,840	44,600	44,500	6,700	10,300	5,730	2,730	4,000
14	4,610	2,730	43,000	12,900	7,650	38,800	54,600	3,970	10,000	6,090	3,000	4,120
15	2,870	4,750	51,600	12,700	8,020	30,100	51,600	3,740	9,210	5,820	4,230	4,270
16	2,300	5,170	55,600	14,000	8,280	23,500	36,300	6,450	8,840	5,510	4,810	3,900
17	2,300	4,780	51,100	13,500	11,400	20,200	22,100	7,140	7,220	4,410	5,140	3,270
18	4,120	5,350	36,400	12,800	7,010	18,300	21,100	7,490	5,430	4,210	5,420	3,510
19	4,630	5,230	31,300	12,500	17,100	17,800	18,900	6,830	4,620	4,540	4,820	3,840
20	4,470	3,300	32,700	18,200	23,400	16,500	16,700	6,000	6,500	4,720	3,880	3,810
21	4,670	3,150	31,800	26,500	17,500	16,500	18,500	5,460	7,980	4,200	3,110	4,090
22	4,220	5,860	26,100	26,000	15,100	16,100	17,700	4,960	8,020	2,530	2,410	4,100
23	2,450	5,540	20,000	20,200	28,700	15,600	17,200	5,810	8,170	2,730	3,190	3,550
24	2,310	5,190	15,600	16,800	37,400	15,800	17,600	5,650	6,080	2,500	4,750	2,890
25	3,850	4,160	14,600	14,500	41,600	15,500	15,800	4,990	4,830	2,850	3,800	2,900
26	5,140	5,420	13,500	16,600	40,900	16,100	14,000	4,610	5,130	3,600	2,230	3,900
27	5,070	3,930	13,600	16,300	32,100	20,600	15,400	5,080	5,580	3,970	2,210	4,060
28	4,960	3,300	12,700	15,800	22,400	18,500	15,000	3,700	4,380	4,050	2,640	3,090
29	4,310	5,630	12,900	18,500	-----	15,700	18,800	3,340	4,140	3,810	3,600	2,560
30	2,600	5,350	9,820	18,200	-----	15,100	19,700	4,650	4,520	3,830	3,920	2,990
31	2,420	-----	10,800	16,600	-----	17,500	-----	5,050	-----	3,400	3,650	-----
TOTAL	101,360	142,710	579,840	513,030	462,300	626,200	775,000	240,080	188,880	151,280	117,920	104,240
MEAN	3,270	4,757	18,700	16,550	16,510	20,200	25,830	7,745	6,296	4,880	3,804	3,475
MAX	5,140	6,540	55,600	30,300	41,600	44,600	54,600	16,500	10,300	8,360	5,720	4,270
MIN	2,060	2,730	2,710	9,780	4,840	13,900	14,000	3,340	4,180	2,230	2,210	2,560

WAT YR 1961: TOTAL 4,512,020 MEAN 12,360 MAX 109,000 MIN 2,060 MEANT 12,820 CFSMT 1.69 INT 22 94
 CAL YR 1962: TOTAL 4,002,840 MEAN 10,970 MAX 55,600 MIN 2,060 MEANT 12,250 CFSMT 1.62 INT 21 99

† Adjusted for change in contents in Lake Sidney Lanier, Bartletts Ferry Reservoir and Walter F George Reservoir

2-3433 Abbie Creek near Haleburg, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	72	60	77	300	212	319	1,830	223	115	84	80	58
2	70	59	79	230	204	571	1,150	179	142	77	73	56
3	70	62	81	178	212	594	586	156	104	74	66	122
4	72	67	80	164	190	560	438	143	96	105	61	102
5	70	69	78	277	190	421	368	137	87	112	98	68
6	69	72	106	2,730	190	334	472	144	88	96	84	62
7	69	84	122	1,600	173	295	607	139	83	104	60	65
8	69	74	94	859	164	275	772	127	131	109	107	75
9	69	69	83	516	167	267	542	117	194	76	188	72
10	67	68	164	409	168	261	404	111	149	63	121	64
11	64	70	589	326	158	261	354	106	260	54	66	56
12	62	71	599	275	154	283	426	103	160	51	55	53
13	61	71	620	248	154	283	483	96	122	76	48	48
14	62	77	465	235	151	235	413	91	139	96	50	50
15	56	94	377	244	149	289	337	87	143	106	58	86
16	51	88	312	248	244	265	287	84	96	116	82	90
17	55	104	261	223	232	226	265	79	82	135	112	70
18	56	86	263	219	249	205	256	77	78	92	190	110
19	56	79	232	217	1,140	200	246	74	81	77	110	80
20	51	75	197	210	1,240	198	232	73	108	77	84	62
21	47	72	170	207	817	212	216	71	154	70	64	49
22	49	72	157	204	555	200	204	70	172	61	68	44
23	57	143	156	200	428	248	198	67	116	55	100	44
24	56	192	154	193	416	228	192	64	123	50	302	43
25	58	116	139	190	401	225	185	62	127	53	448	50
26	57	95	132	187	431	308	179	59	156	134	248	106
27	49	89	142	306	361	243	178	56	123	105	144	90
28	47	87	174	511	326	198	198	54	186	90	115	77
29	49	82	147	380	-----	184	516	53	135	151	92	64
30	58	79	135	267	-----	178	321	56	99	98	78	56
31	60	-----	136	230	-----	569	-----	75	-----	82	67	-----
TOTAL	1,858	2,526	6,521	12,583	9,476	9,135	12,855	3,033	3,849	2,724	3,519	2,072
MEAN	59.9	84.2	210	406	338	295	429	97.8	128	87.9	114	69.1
MAX	72	192	620	2,730	1,240	594	1,830	223	260	151	448	122
MIN	47	59	77	164	149	178	178	53	78	50	48	43
CFSM	.42	.58	1.46	2.82	2.35	2.05	2.98	.68	.89	.61	.79	.48
IN.	.48	.65	1.68	3.25	2.45	2.36	3.32	.78	.99	.70	.91	.54

CAL YR 1961: TOTAL 78,295 MEAN 215 MAX 1,930 MIN 47 CFSM 1.49 IN 20.22
WAT YR 1962: TOTAL 70,151 MEAN 192 MAX 2,730 MIN 43 CFSM 1.33 IN 18.12

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	67	56	188	130	212	220	132	253	69	402	102	46
2	106	55	136	117	200	230	129	135	59	211	114	43
3	123	56	114	111	278	208	126	114	54	167	92	41
4	231	56	106	105	225	200	123	103	52	231	82	39
5	118	55	102	103	190	200	117	95	50	178	77	38
6	97	53	99	114	176	260	158	90	48	134	73	38
7	86	55	92	120	168	242	537	84	47	123	71	36
8	78	71	100	109	161	208	516	81	58	138	68	36
9	113	207	112	100	154	190	477	75	67	186	65	35
10	86	141	97	99	152	188	256	69	57	177	62	33
11	72	103	90	139	986	180	205	68	50	141	65	33
12	68	93	86	485	2,100	176	181	65	44	116	110	32
13	66	93	83	308	1,040	176	165	67	40	102	139	33
14	65	80	88	212	527	248	143	117	36	94	172	36
15	64	75	88	160	375	377	134	124	38	95	243	75
16	61	75	106	141	326	227	129	90	35	140	121	63
17	58	76	118	134	292	202	124	72	87	182	101	52
18	57	82	100	154	266	188	121	63	503	124	91	47
19	56	86	92	236	523	176	117	70	768	106	83	45
20	54	85	90	1,060	432	184	112	112	597	95	77	42
21	58	121	93	981	338	192	106	105	284	100	81	40
22	85	158	108	798	266	176	102	93	212	155	74	42
23	74	111	102	462	239	169	98	109	315	94	63	38
24	93	96	286	332	332	168	95	112	528	88	56	32
25	56	87	127	234	332	168	90	88	212	196	57	30
26	54	84	140	222	274	175	90	76	168	206	53	31
27	55	82	118	232	234	210	89	71	300	132	50	63
28	56	82	109	198	216	165	89	71	551	145	52	51
29	57	106	218	182	-----	151	104	128	730	190	53	1,400
30	58	294	244	187	-----	138	199	116	486	114	51	909
31	59	-----	157	230	-----	135	-----	87	-----	100	49	-----
TOTAL	2,399	2,871	3,599	8,149	11,014	6,127	5,064	3,003	6,635	4,666	2,649	3,958
MEAN	77.4	95.7	116	263	393	198	169	96.9	221	151	85.3	132
MAX	231	294	244	1,060	2,100	377	537	253	758	402	243	1,400
MIN	54	53	83	99	152	135	89	63	35	88	49	30
CFSM	.54	.66	.81	1.83	2.73	1.37	1.17	.67	1.54	1.05	.59	.92
IN.	.62	.74	.93	2.10	2.84	1.58	1.31	.78	1.71	1.21	.68	1.02

CAL YR 1962: TOTAL 68,115 MEAN 187 MAX 2,730 MIN 43 CFSM 1.30 IN 17.59
WAT YR 1963: TOTAL 60,134 MEAN 165 MAX 2,100 MIN 30 CFSM 1.14 IN 15.23

APALACHICOLA RIVER BASIN

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2-3437 Stevenson Creek near Headland, Ala

Location --Lat 31°21', long 85°13', in S½ sec 36, T 5 N, R 28 E, near left bank on upstream side of bridge on State Highway 134, 1 mile upstream from mouth and 9.5 miles east of Headland

Drainage area --12.4 sq mi

Records available --June 1959 to September 1965

Gage --Water-stage recorder Datum of gage is 150.39 ft above mean sea level, datum of 1929

Average discharge --6 years, 26.3 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (350 cfs revised), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Apr 12, 1961	0730	688	7 73	Jan 19, 1963	2330	* 840	7 83	July 1, 1964	2310	524	5 38
Apr 15, 1961	1230	* 1,070	9 13	Feb 11, 1963	1200	* 978	8 53	July 24, 1964	1740	1,220	8 08
				June 28, 1963	1600	581	6 38	Aug 11, 1964	1630	367	4 40
Jan 6, 1962	0230	* 3,120	12 01	Jan 8, 1964	2040	725	6 43	Aug 22, 1964	1420	725	6 43
Feb 19, 1962	0800	715	7 20	Feb 18, 1964	0430	804	6 76	Oct 4, 1964	1900	357	4 34
Mar 31, 1962	1200	386	5 02	Mar 2, 1964	1900	* 2,200	9 90	Dec 25, 1964	1830	1,840	9 35
Apr 6, 1962	1730	784	7 57	Apr 14, 1964	1130	407	4 65	Apr 19, 1965	1450	* 2,530	10 31
July 13, 1962	1930	359	4 83	Apr 27, 1964	0745	772	6 63				
Jan 11, 1963	2130	352	4 78	May 2, 1964	0815	1,040	7 58				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 25, 1960	9.9	1.73	1964	Nov 20, 1963	6.0	-
1962	Many days	8.9	1.72	1965	Sept 21, 1965	10	1.74
1963	Sept 13, 1963	5.2	1.60				

1959-65 Maximum discharge, 3,120 cfs Jan 6, 1962 (gage height, 12.01 ft), minimum, 5.2 cfs Sept 13, 1963 (gage height, 1.60 ft)

Remarks --Records fair below 200 cfs and poor above. Records of chemical analyses for water year 1965 are published in reports of the Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	17	12	13	17	17	47	28	28	16	17	13	19
2	16	12	12	15	17	26	23	27	16	16	14	26
3	16	12	12	14	19	22	23	26	15	16	18	20
4	15	11	12	14	17	21	22	24	15	21	17	17
5	15	12	12	14	16	20	21	23	14	19	18	20
6	20	12	12	14	21	20	25	22	14	16	18	21
7	21	12	12	14	32	19	22	22	14	18	20	18
8	17	12	12	17	20	20	21	21	14	32	16	21
9	15	12	12	14	19	18	59	42	14	23	15	19
10	14	13	12	14	18	18	23	29	14	17	13	17
11	14	13	24	14	17	18	21	24	16	45	13	17
12	14	13	15	14	17	19	181	23	29	25	13	17
13	14	13	14	22	17	21	36	22	15	20	13	16
14	13	12	14	22	16	19	29	21	15	20	17	18
15	13	12	22	17	16	18	402	21	29	18	16	17
16	13	13	17	16	16	18	110	20	19	17	14	15
17	12	13	16	15	16	35	51	19	17	31	13	14
18	12	13	15	15	21	59	40	19	17	23	13	13
19	13	12	15	17	24	25	36	18	17	19	13	14
20	13	12	15	16	18	24	33	18	91	23	13	14
21	12	13	20	15	17	22	30	17	44	20	15	13
22	12	13	15	15	20	21	29	17	24	17	13	13
23	12	17	15	15	49	20	29	19	21	16	13	13
24	12	14	15	15	24	20	28	19	24	15	28	13
25	11	14	14	22	25	19	27	27	19	14	35	13
26	11	14	14	36	21	19	26	28	23	22	22	12
27	11	14	14	21	20	20	52	21	22	20	18	17
28	11	14	14	20	21	22	29	18	16	16	16	11
29	11	18	14	20	-----	20	27	18	17	15	15	11
30	11	13	19	18	-----	20	26	17	17	14	19	11
31	13	-----	18	18	-----	56	-----	16	-----	13	29	-----
TOTAL	424	390	460	530	571	746	1,509	587	640	618	523	475
MEAN	13.7	13.0	14.5	17.1	20.5	24.1	50.3	22.2	21.3	19.9	16.4	15.8
MAX	21	18	24	36	49	59	402	42	91	45	35	26
MIN	11	11	12	14	16	18	21	16	14	13	13	11
CFSM	1.10	1.05	1.20	1.38	1.64	1.94	4.06	1.79	1.72	1.61	1.36	1.28
IN.	1.27	1.17	1.38	1.59	1.71	2.24	4.53	2.06	1.92	1.85	1.57	1.42

CAL YR 1960: TOTAL 7,226 MEAN 19.7 MAX 224 MIN 11 CFSM 1.59 IN 21.67
 WAT YR 1961: TOTAL 7,573 MEAN 20.7 MAX 402 MIN 11 CFSM 1.67 IN 22.71

APALACHICOLA RIVER BASIN

2-3437 Stevenson Creek near Headland, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	11	11	13	25	21	29	49	20	15		25	11
2	11	11	13	14	21	47	32	20	14	13	14	11
3	12	12	13	13	20	31	28	21	13	13	12	15
4	11	13	13	13	20	29	26	21	15	13	12	13
5	11	12	13	126	20	27	25	22	15	14	11	12
6	11	13	14	744	22	24	176	22	13	13	10	12
7	11	14	13	65	20	24	81	20	14	13	11	13
8	11	13	13	44	20	25	80	19	34	12	41	13
9	11	12	13	34	20	25	39	18	20	11	17	12
10	10	13	43	32	20	25	32	18	21	11	13	11
11	10	13	21	26	20	25	30	18	20	11	13	11
12	10	13	36	24	20	24	41	17	18	11	13	14
13	10	13	22	22	20	22	28	16	17	68	13	14
14	10	14	16	21	20	22	26	16	20	67	13	14
15	9.6	14	22	22	20	32	26	16	15	25	13	13
16	10	15	17	19	30	23	24	16	15	18	12	12
17	10	14	17	18	20	22	24	16	14	15	12	13
18	10	14	15	18	43	22	23	16	19	13	11	13
19	10	14	14	17	266	21	23	16	15	13	11	12
20	9.6	14	13	16	55	21	22	15	15	12	11	11
21	10	14	13	16	42	22	20	15	14	11	13	11
22	11	14	13	16	39	20	20	14	15	11	13	11
23	10	21	13	16	34	27	20	14	14	11	15	11
24	11	13	12	16	39	22	20	13	18	11	22	11
25	11	13	11	16	31	22	21	13	16	18	16	13
26	10	13	11	16	30	22	22	12	14	16	13	19
27	10	13	13	31	28	20	22	13	13	13	13	13
28	10	13	13	20	27	20	46	13	20	15	12	12
29	10	12	13	16	-----	32	16	12	15	11	11	11
30	11	13	12	19	20	20	22	13	13	13	11	11
31	11	-----	14	22	-----	106	-----	16	-----	12	11	-----
TOTAL	324.2	402	491	1481.2	987	845	1,080	511	495	525	438	1376
MAX	12	13.4	15.8	48.3	34.3	36.0	176	22	34	68	41	19
MIN	9.6	11	11	13	20	20	20	12	13	11	10	11
CFSM	.84	1.08	1.28	3.95	2.84	2.20	2.90	1.33	1.33	1.37	1.14	1.01
IN.	.97	1.21	1.47	4.55	2.96	2.53	3.24	1.53	1.48	1.57	1.31	1.13
CUMULATIVE DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
CAL YR 1961: TOTAL 7,516.2												
MEAN 20.6												
MAX 44												
MIN 9.6												
CFSM 1.99												
IN 23.57												

2-3437 Stevenson Creek near Headland, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	18	13	18	29	23	26	26	56	20	92	28	28
2	16	13	18	22	22	460	24	310	22	81	27	27
3	14	12	18	20	22	102	25	66	19	71	26	31
4	13	12	16	22	22	57	25	50	19	43	25	28
5	12	19	16	22	49	65	24	43	19	32	25	27
6	12	14	16	47	31	53	27	39	28	26	75	26
7	12	10	16	32	35	53	30	35	19	24	99	25
8	11	9.5	16	141	38	48	38	35	18	23	67	24
9	10	9.5	15	114	27	47	27	35	18	23	46	24
10	10	12	15	43	24	46	26	34	18	22	84	24
11	10	10	15	36	24	40	26	34	18	29	184	76
12	10	9.0	18	49	24	39	25	39	17	27	93	85
13	10	9.0	46	32	27	36	45	36	17	68	72	36
14	9.5	9.5	45	29	27	37	144	32	17	33	49	32
15	9.5	9.5	24	27	41	44	62	30	17	27	41	30
16	10	9.5	21	31	26	36	48	30	17	25	39	28
17	10	9.5	20	38	24	35	42	30	17	25	38	26
18	10	9.0	19	27	182	34	39	28	16	31	37	26
19	10	9.0	18	26	36	66	36	27	16	26	34	26
20	10	9.0	18	26	32	48	34	26	15	24	33	25
21	10	9.0	17	24	29	37	33	25	22	29	32	24
22	9.5	9.0	16	23	27	33	32	25	20	39	206	74
23	10	42	22	22	27	32	32	24	18	29	59	24
24	11	18	17	22	28	35	31	24	18	199	45	23
25	12	15	16	66	38	34	36	23	31	62	38	22
26	11	14	16	27	25	41	60	22	23	41	35	23
27	10	14	16	26	55	32	189	21	23	34	33	23
28	10	32	15	24	37	30	97	20	47	63	32	23
29	9.5	31	14	23	28	28	53	20	24	39	31	23
30	10	19	14	22	-----	27	45	20	20	34	30	27
31	10	-----	62	23	-----	26	-----	20	-----	31	29	-----
TOTAL	340.0	420.0	633	1,115	1,030	1,727	1,381	1,259	613	1,352	1,697	890
MEAN	11.0	14.0	20.4	36.0	35.5	55.7	46.0	40.6	20.4	43.6	54.6	29.7
MAX	18	42	62	141	182	460	189	310	47	199	206	85
MIN	9.5	9.0	14	20	22	26	20	15	22	25	22	22
CFSM	.88	1.13	1.65	2.90	2.86	4.49	3.71	3.28	1.65	3.52	4.40	2.39
IN.	1.02	1.26	1.90	3.34	3.09	5.18	4.14	3.78	1.84	4.05	5.07	2.67

CAL YR 1963 TOTAL 7,420.5 MEAN 20.3 MAX 320 MIN 7.5 CFSM 1.64 IN 22.26
 WAT YR 1964: TOTAL 12,452.0 MEAN 34.0 MAX 460 MIN 9.0 CFSM 2.74 IN 37.35

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	72	28	27	51	36	37	46	37	21	24	20	15
2	29	28	27	49	41	80	44	36	21	24	18	17
3	55	28	27	49	34	53	42	35	21	20	17	16
4	196	27	116	46	34	58	42	34	22	20	17	16
5	111	27	78	45	33	43	41	33	21	20	17	15
6	55	27	40	45	64	41	41	33	21	19	18	14
7	44	27	35	43	43	39	40	32	31	23	19	14
8	39	28	33	43	40	38	38	32	36	21	23	14
9	37	27	30	42	38	37	37	32	29	26	35	14
10	35	27	29	42	37	38	37	31	35	24	27	13
11	34	28	29	40	36	39	36	29	58	31	22	13
12	32	28	35	39	42	43	35	29	30	26	21	13
13	33	29	30	39	61	40	34	29	26	23	20	13
14	48	29	27	37	66	37	33	28	39	21	20	13
15	46	28	27	38	44	37	33	27	33	27	19	13
16	30	27	27	40	48	36	32	27	32	25	18	15
17	33	27	27	37	64	48	32	26	49	20	17	14
18	31	27	26	36	57	119	32	24	43	20	33	14
19	31	27	26	36	45	57	429	23	27	21	21	14
20	30	36	27	36	42	66	131	23	25	20	18	13
21	30	28	27	36	41	48	65	23	23	28	18	12
22	29	27	27	36	39	46	56	23	21	23	18	14
23	29	34	27	53	37	45	49	23	21	20	17	17
24	29	40	27	52	47	45	46	22	21	26	17	62
25	29	49	903	39	41	43	60	22	20	21	16	20
26	28	29	620	39	37	70	50	24	24	23	16	17
27	28	27	90	35	36	76	49	24	22	25	15	17
28	28	32	70	35	36	84	43	26	21	21	15	24
29	28	28	62	34	-----	52	38	24	20	21	15	21
30	28	27	57	35	-----	48	37	41	20	21	15	46
31	28	-----	54	37	-----	53	-----	21	-----	20	14	-----
TOTAL	1,343	881	2,687	1,264	1,219	1,596	1,729	853	833	704	596	533
MEAN	43.3	29.4	86.7	40.8	43.5	51.5	57.6	27.5	27.8	22.7	19.2	17.8
MAX	196	49	903	53	66	119	429	37	58	31	35	62
MIN	28	27	26	34	33	36	32	21	20	19	14	12
CFSM	3.49	2.37	6.99	3.79	3.51	4.15	4.65	2.22	2.24	1.83	1.55	1.43
IN.	4.03	2.64	8.06	3.79	3.66	4.79	5.19	2.56	2.50	2.11	1.79	1.60

CAL YR 1964: TOTAL 15,970 MEAN 38.6 MAX 903 MIN 12 CFSM 3.74 IN 42.70
 WAT YR 1965: TOTAL 14,238 MEAN 34.0 MAX 903 MIN 12 CFSM 3.74 IN 42.70

2-3440 Chattahoochee River at Alaga, Ala

Location --Lat 31°07', long 85°03', in NE 1/4 sec 29, T 2N, R 30E, at bridge on U. S. Highway 84, half a mile downstream from Atlantic Coast Line Railroad bridge, half a mile south of Alaga, Houston County, and at mile 34.4

Drainage area --8,340 sq mi, approximately

Records available --January 1908 to December 1912 (gage heights and discharge measurements only), May 1938 to December 1944, October 1960 to September 1965 Gage-height records collected at site half a mile upstream October 1904 to October 1936 are contained in reports of U. S. Weather Bureau

Gage --Water-stage recorder Datum of gage is 62.72 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers) Prior to October 1936, chain gage at site half a mile upstream at datum 2.45 ft higher May 1, 1938, to Dec 31, 1944, staff or wire-weight gage at present site and datum Jan 17, 1960, to Aug 25, 1962, auxiliary wire-weight gage and since Aug 26, 1962, auxiliary water-stage recorder at bridge, 10 1/2 miles downstream

Average discharge --11 years (1938-44, 1960-65), 11,690 cfs (unadjusted)

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Mar 1, 1961	104,000	40.8	Sept 19, 1961	2,920	-
1962	Apr 15, 1962	67,700	32.92	17, 1961	2,270	-
1963	Jan 22, 1963	55,600	30.87	Oct 29, 1962	1,230	-
1964	Apr 10, 1964	110,000	41.18	Oct 22, 1963	2,000	-
1965	Apr 10, 1965	76,200	35.80	July 11, 1965	2,420	-

1938-44, 1960-65 Maximum discharge, 112,000 cfs Mar 24, 1943 (gage height, 42.2 ft, from graph based on gage readings), minimum daily, 1,230 cfs Oct 29, 1962

Flood of Mar 18, 1929, reached a stage of 46.0 ft (discharge, 207,000 cfs, computed on basis of peak flow for station at Columbia, Ala.)

Remarks --Flow regulated by Lake Sidney Lanier, Bartletts Ferry Reservoir, and since June 1962 by Walter F. George Reservoir (see elsewhere in this report), regulation since October 1962 by Columbia Reservoir as shown in monthly tables

Cooperation --Gage-height record, 87 discharge measurements and computations of daily discharge furnished by Corps of Engineers, records reviewed by Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	14,400	4,080	8,400	7,240	7,170	103,000	43,800	20,900	9,860	10,500	3,700	11,000
2	12,400	3,750	8,700	5,110	7,860	100,000	70,700	19,300	7,800	10,300	4,780	9,760
3	9,800	4,540	8,400	4,080	9,200	81,800	78,900	26,700	8,650	10,000	4,540	9,050
4	9,560	7,020	7,660	3,860	10,300	41,400	70,200	25,000	7,860	9,480	5,320	6,620
5	9,950	7,100	5,670	5,460	8,100	22,500	41,500	19,700	4,900	9,570	6,460	5,600
6	9,600	5,320	4,900	7,660	6,090	17,400	25,200	15,900	4,300	7,310	6,460	6,460
7	8,040	4,720	5,810	8,400	6,300	14,600	20,700	14,300	4,300	9,560	7,860	8,220
8	8,220	4,360	8,340	7,520	9,000	16,400	20,700	13,000	10,200	10,300	6,700	6,780
9	7,380	5,880	8,540	4,840	10,400	24,600	20,200	13,500	6,020	9,100	9,560	9,920
10	8,860	6,620	9,000	4,010	9,560	29,000	19,900	14,300	8,480	8,750	9,930	8,900
11	5,040	6,460	8,600	5,670	8,700	24,000	21,800	13,800	5,180	6,090	10,200	4,600
12	6,300	6,090	7,100	6,540	7,380	20,000	26,400	13,200	4,840	9,860	9,980	3,920
13	8,450	5,390	4,970	7,020	5,880	16,500	47,700	14,000	4,360	12,900	9,250	4,360
14	8,800	4,540	6,090	8,600	5,880	15,800	51,000	13,500	7,070	19,600	7,860	5,740
15	8,340	4,420	8,700	8,160	4,600	15,500	48,600	12,600	7,800	23,100	7,310	6,160
16	8,400	5,530	9,000	6,300	4,420	15,400	55,600	12,500	7,020	16,900	9,050	6,940
17	5,880	6,460	9,250	5,530	4,420	14,600	51,400	13,400	8,340	13,900	7,170	6,780
18	4,600	6,460	8,550	6,860	4,080	16,100	40,400	11,600	8,600	12,200	7,170	4,010
19	5,110	7,520	5,670	7,920	6,700	17,300	28,100	10,100	8,550	11,600	6,160	2,970
20	5,460	7,310	4,970	8,750	23,900	18,900	21,100	10,000	9,300	11,200	6,780	4,080
21	7,100	5,110	4,780	9,200	46,100	17,000	18,500	10,200	11,700	12,400	4,600	6,700
22	7,450	4,030	7,920	8,550	63,000	15,800	18,200	5,950	17,200	13,200	4,030	6,300
23	5,320	4,780	8,340	6,620	70,400	15,800	17,900	4,540	19,300	11,500	6,540	6,780
24	4,540	7,980	8,100	6,020	72,800	15,600	17,500	5,600	18,700	10,000	6,780	7,070
25	4,190	8,600	8,460	7,860	71,600	13,500	15,600	10,600	15,600	7,920	9,100	4,840
26	4,300	6,940	4,240	9,600	76,600	13,800	14,500	17,000	12,700	9,860	11,400	3,700
27	3,920	8,340	3,120	10,100	88,500	12,600	14,800	18,400	12,700	9,350	16,000	5,460
28	4,300	7,310	3,000	10,600	97,600	10,700	19,600	16,400	14,000	7,980	15,900	3,700
29	4,840	4,840	4,970	10,000	-----	13,200	23,400	11,700	15,200	7,450	11,600	3,480
30	4,600	6,160	7,450	7,020	-----	14,200	24,900	8,400	13,000	7,100	10,700	3,590
31	4,080	-----	8,280	5,530	-----	16,800	-----	9,480	-----	4,660	10,900	-----
TOTAL	217,230	177,660	214,990	220,630	746,540	783,800	988,800	425,570	289,340	333,590	253,690	182,910
MEAN	7,007	5,922	6,935	7,117	26,660	25,280	32,960	13,730	9,645	10,760	8,184	6,097
MAX	14,400	8,600	9,250	10,600	97,600	103,000	78,900	26,700	19,300	23,100	16,000	11,000
MIN	3,920	3,750	3,000	3,860	4,080	10,700	14,500	4,540	4,300	4,660	3,700	2,920

CAL YR 1960 TOTAL 4,834,750 MEAN 13,250 MAX 103,000 MIN 2,920 MEAN† 13,340 CFSMT† 1 60 IN† 21 72

† Adjusted for change in contents in Lake Sidney Lanier and Bartletts Ferry Reservoir

2-3440 Chattahoochee River at Alaga, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,020	4,250	4,700	13,500	17,400	22,100	40,200	18,600	4,980	4,980	4,160	3,720
2	3,800	5,360	5,070	14,300	17,000	21,300	56,800	16,800	5,450	4,960	4,280	3,920
3	3,580	5,260	4,740	14,500	15,400	26,400	56,900	14,500	5,560	5,310	4,740	4,090
4	3,660	5,740	4,140	14,100	14,200	27,500	39,400	13,600	6,280	5,800	5,210	4,120
5	4,160	6,520	3,920	13,100	14,100	24,600	24,800	13,500	5,740	6,520	5,680	3,580
6	3,580	4,820	3,940	27,800	13,700	20,900	21,600	12,900	6,580	5,400	4,940	4,780
7	3,560	4,190	4,740	41,600	13,200	18,000	27,700	12,400	5,960	5,520	5,770	4,460
8	3,700	4,360	4,980	36,800	13,500	16,500	35,300	12,900	6,700	7,720	4,520	4,590
9	3,400	5,560	5,680	28,200	13,700	17,500	32,700	12,800	7,120	9,020	5,360	4,400
10	3,260	6,520	5,360	21,600	13,800	17,200	27,700	10,000	7,240	9,090	4,620	3,720
11	3,180	6,700	5,920	17,800	12,900	17,000	22,800	10,800	6,580	7,840	4,140	3,680
12	3,060	5,980	10,400	16,300	13,200	15,300	33,200	9,740	5,740	7,600	4,180	3,720
13	3,040	4,980	19,100	15,800	6,340	50,800	41,900	8,900	8,150	6,460	4,020	3,970
14	3,300	4,900	37,100	15,300	8,400	55,200	61,400	5,360	5,210	6,640	3,870	4,460
15	3,140	4,620	53,100	14,500	9,570	45,300	65,600	4,660	9,770	6,700	4,120	4,590
16	2,870	5,450	60,700	15,100	11,100	30,100	52,400	4,980	9,580	6,280	4,460	5,020
17	2,870	5,160	51,300	13,300	13,000	24,100	29,700	8,460	8,460	5,400	4,820	4,550
18	2,960	5,020	48,100	14,800	12,100	20,800	22,100	7,420	6,440	4,740	4,740	4,360
19	3,950	5,680	33,700	14,500	19,800	20,100	21,200	6,580	5,070	4,860	4,900	4,460
20	4,500	4,740	32,700	16,400	33,200	18,800	19,400	6,760	5,620	5,070	4,400	4,210
21	4,780	3,460	34,300	24,700	25,500	18,200	19,200	5,500	7,940	5,260	4,800	4,400
22	4,860	4,280	30,500	28,500	19,000	18,000	18,600	5,100	8,400	4,400	4,070	4,860
23	4,490	5,070	24,700	24,200	24,400	17,500	17,400	6,160	9,090	4,040	4,050	4,590
24	4,280	4,820	17,900	19,600	39,300	17,500	18,100	5,740	7,780	3,920	4,520	4,730
25	4,300	4,250	15,600	16,300	48,000	17,200	17,100	5,680	6,100	3,920	4,940	4,190
26	5,020	4,420	15,400	17,500	51,200	16,500	14,600	4,740	5,070	4,070	4,020	4,490
27	5,450	4,360	14,400	18,400	20,400	20,400	20,400	4,160	4,160	3,720	4,820	4,860
28	5,800	3,870	14,100	18,200	33,500	21,000	15,200	4,620	5,800	4,160	3,640	4,490
29	5,560	4,300	13,700	18,800	-----	18,500	18,000	4,590	4,860	4,330	3,680	3,950
30	4,660	4,780	13,000	19,900	-----	16,800	21,200	4,740	5,020	4,210	3,800	4,020
31	4,360	-----	12,400	18,700	-----	18,500	-----	5,310	-----	4,140	3,820	-----
TOTAL	123,150	149,420	615,590	605,700	567,210	727,700	895,400	267,080	198,390	172,550	136,280	129,310
MEAN	3,973	4,981	19,860	19,540	20,260	23,470	29,850	8,615	6,613	5,566	4,396	4,310
MAX	5,800	6,700	61,300	61,600	51,200	55,200	65,600	18,600	9,770	9,090	5,690	5,070
MIN	2,870	3,460	3,920	13,100	6,340	16,500	14,600	4,590	4,860	3,920	3,640	3,580

CAL YR 1961 TOTAL 5,113,030 MEAN 14,010 MAX 103,000 MIN 2,870 MEANT 14,470 CFSM† 1 74 IN† 23 62
WAT YR 1962: TOTAL 4,587,780 MEAN 12,570 MAX 65,600 MIN 2,870 MEANT 13,850 CFSM† 1 66 IN† 22 53

† Adjusted for change in contents in Lake Sidney Lanier, Bartletts Ferry and Walter F. George Reservoirs

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,270	2,260	11,400	5,700	9,020	7,200	19,900	17,400	13,600	11,900	8,970	3,910
2	4,990	3,290	10,600	6,090	8,430	7,670	19,300	24,900	11,700	12,500	12,800	4,100
3	4,720	3,640	10,500	7,930	8,460	8,080	19,100	29,700	6,430	12,600	12,100	7,290
4	6,480	4,210	10,300	7,780	7,710	8,000	19,600	30,600	6,330	10,500	9,290	6,070
5	7,730	4,150	10,100	8,560	8,360	8,030	19,800	30,700	6,090	9,810	5,570	5,480
6	6,260	4,360	10,300	8,460	8,760	8,490	19,900	22,500	6,090	11,500	7,020	6,630
7	8,480	4,550	8,710	8,220	8,210	8,540	20,600	8,730	3,850	11,000	10,500	4,600
8	8,150	4,640	10,300	7,710	8,160	8,390	20,300	9,850	3,330	9,260	10,900	1,690
9	7,350	5,970	7,170	7,270	8,360	8,310	19,500	12,000	3,740	9,290	10,700	4,830
10	6,670	6,910	6,150	7,460	7,730	6,660	18,400	14,300	3,360	10,400	6,650	5,900
11	3,300	7,090	5,430	6,830	11,000	8,340	18,800	13,400	3,830	10,200	3,040	5,240
12	3,010	7,120	5,990	8,340	26,700	7,320	13,200	13,700	4,510	10,200	1,960	5,430
13	3,190	7,580	5,810	9,500	32,700	7,290	3,460	13,800	4,190	6,620	2,370	5,970
14	2,820	8,550	5,990	8,980	33,000	8,540	3,130	15,200	2,080	2,060	5,110	3,180
15	3,590	9,650	5,900	8,980	30,400	8,970	5,420	14,200	3,190	2,110	4,230	4,560
16	3,390	8,670	5,680	8,490	28,400	9,110	6,170	11,000	4,560	2,210	4,180	5,480
17	3,870	9,840	5,310	8,560	8,990	8,750	7,650	10,300	5,650	2,360	2,160	6,740
18	4,450	8,390	5,710	8,360	9,130	7,760	6,890	7,720	6,140	7,440	2,330	6,510
19	3,780	7,990	5,190	11,100	23,900	8,060	7,870	5,110	10,000	2,320	2,840	6,180
20	3,520	5,310	4,520	17,500	22,800	8,350	6,160	5,160	10,200	2,400	2,620	6,050
21	3,660	5,740	5,530	34,500	18,900	8,000	5,080	4,010	11,700	2,750	1,680	4,240
22	3,100	6,880	3,370	54,500	17,500	8,000	4,860	4,300	14,900	2,450	1,800	1,780
23	1,690	9,980	3,710	53,800	17,100	8,450	12,500	6,880	4,590	2,580	1,310	4,700
24	1,330	10,800	3,710	45,200	15,300	8,320	4,200	5,600	21,000	2,090	1,810	6,180
25	1,300	11,800	3,930	32,100	12,000	9,030	5,460	3,940	22,700	7,760	2,590	6,330
26	1,280	11,100	3,410	21,500	5,970	9,760	7,260	4,680	15,800	11,500	4,110	6,400
27	1,590	10,300	5,680	18,000	8,830	10,400	2,930	3,930	12,000	6,550	6,800	6,250
28	1,430	10,900	7,230	15,100	8,450	19,400	3,790	4,110	13,200	8,820	7,660	5,070
29	1,230	10,900	5,940	10,200	-----	21,000	4,940	4,940	15,100	10,600	8,790	6,190
30	1,270	11,300	8,610	10,500	-----	21,200	8,150	6,200	14,100	8,800	9,120	8,020
31	1,570	-----	6,650	10,400	-----	19,500	-----	12,600	-----	11,200	5,660	-----
TOTAL	119,170	223,870	209,730	477,620	414,270	304,320	327,780	369,170	271,870	226,690	179,780	161,010
MEAN	3,846	7,252	6,782	15,117	13,428	9,817	10,574	12,263	7,727	6,502	5,283	5,032
MAX	8,480	11,400	11,400	54,500	33,000	21,200	20,600	20,600	22,700	12,800	12,800	8,020
MIN	1,230	2,260	3,370	5,700	5,970	6,660	2,930	3,930	2,080	2,060	1,310	1,690
(†)	+78	+4	-34	-2	+16	+47	-8	+94	-92	+16	+81	+24
CAL YR 1962: TOTAL 4,252,390 MEAN 11,650 MAX 65,600 MIN 1,230 MEANT 11,140 CFSM† 1 34 IN† 18 19												
WAT YR 1963: TOTAL 3,282,460 MEAN 8,993 MAX 54,500 MIN 1,230 MEANT 10,160 CFSM† 1 22 IN† 16 56												

† Change in contents, equivalent in cubic feet per second, in Columbia Reservoir

* Adjusted for change in contents in Lake Sidney Lanier, Bartletts Ferry, Walter F. George and Columbia Reservoirs

2-3440 Chattahoochee River at Alaga, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6,680	6,060	3,240	7,930	19,500	11,900	25,000	63,400	13,100	11,600	15,700	11,000
2	5,840	3,990	6,610	8,540	9,290	20,400	24,600	62,500	13,100	11,700	13,300	10,700
3	5,630	2,520	6,690	9,540	14,200	45,000	24,400	50,600	10,900	7,730	15,400	10,700
4	5,530	3,220	6,070	6,240	18,100	45,000	14,100	56,000	12,900	4,980	15,300	10,900
5	3,830	4,850	5,970	4,590	17,900	50,100	7,380	62,000	15,800	6,020	15,700	5,310
6	2,600	5,680	5,470	10,800	20,100	54,800	9,700	56,500	8,460	9,780	16,100	3,130
7	2,380	6,250	2,600	18,400	21,300	43,500	26,000	38,500	3,890	10,700	16,900	4,520
8	2,620	6,100	2,500	22,200	22,700	33,400	60,400	20,800	7,930	12,300	10,000	8,860
9	2,620	3,360	3,500	34,200	10,900	31,300	92,300	27,400	6,720	12,000	4,900	9,680
10	2,680	2,400	3,920	45,500	18,400	27,500	108,000	25,900	7,740	12,000	9,680	9,760
11	2,270	4,770	4,890	40,500	22,400	26,300	108,000	22,400	7,580	5,700	10,600	10,200
12	3,140	5,380	10,100	29,200	21,900	25,200	97,900	17,000	7,520	3,470	10,700	8,210
13	3,250	5,260	11,900	25,300	21,900	23,100	62,600	24,000	5,010	11,400	14,900	4,180
14	2,440	7,610	13,400	29,100	21,500	21,000	42,100	25,900	3,470	13,200	20,200	8,930
15	2,840	6,510	29,600	28,000	19,600	16,800	46,200	25,000	7,550	12,300	28,100	9,480
16	3,480	3,970	26,200	24,300	9,880	31,800	42,200	23,000	9,320	12,500	13,700	13,000
17	3,640	4,900	24,800	26,400	18,700	37,600	39,700	17,100	8,210	12,400	14,900	12,400
18	3,860	2,900	21,400	13,800	31,300	40,400	32,400	17,400	7,580	10,600	16,900	12,000
19	2,970	5,930	21,600	4,530	40,800	41,500	28,000	20,200	7,610	9,930	16,600	6,830
20	2,280	6,180	21,000	10,700	38,600	39,800	28,600	15,700	3,900	11,200	16,300	3,550
21	2,050	6,480	16,100	18,000	36,100	29,800	29,400	17,300	4,100	10,800	16,500	8,320
22	2,000	3,360	7,200	27,400	25,800	26,300	29,100	17,400	7,580	12,400	9,510	8,450
23	2,520	3,730	9,770	27,600	10,100	25,700	29,000	8,590	7,790	13,400	4,830	7,550
24	5,810	3,640	11,800	27,500	18,600	23,700	28,700	5,130	8,580	16,600	9,560	7,890
25	3,520	5,790	9,550	24,400	26,500	23,800	19,400	11,600	8,010	17,700	9,710	8,280
26	2,600	7,430	10,200	21,500	32,700	24,700	10,400	12,800	7,950	14,600	9,200	4,260
27	2,310	7,520	11,700	21,400	29,500	40,600	21,800	12,700	4,840	13,400	9,660	3,440
28	3,410	4,600	5,540	38,500	27,800	31,600	55,400	13,700	3,630	17,500	13,500	7,540
29	4,590	8,080	3,080	36,500	22,300	31,200	65,900	15,500	8,970	17,000	5,860	6,980
30	4,760	4,800	4,610	31,300	-----	29,400	67,000	14,900	10,900	16,700	3,650	8,020
31	8,060	-----	9,290	32,400	-----	24,600	-----	13,900	-----	16,500	10,700	-----
TOTAL	111,510	156,250	330,300	708,070	648,370	977,800	1,273,930	814,720	240,650	367,210	397,660	244,050
MEAN	3,597	5,208	10,650	22,840	22,360	31,540	42,460	26,280	8,022	11,850	12,830	8,135
MAX	8,060	8,080	29,600	45,500	40,800	54,800	108,000	63,400	15,800	17,700	28,100	13,000
MIN	2,000	2,400	2,500	4,530	9,290	11,900	7,380	5,130	3,470	3,470	3,650	3,130
(†)	-109	+145	+5	-99	+121	+13	+175	-197	+19	+7	-13	-14

CAL YR 1963: TOTAL 3,327,770 MEAN 9,117 MAX 54,500 MIN 1,310 MEAN* 10,000 CFSM# 1 20 IN# 16 29
 MAY YR 1964: TOTAL 6,270,470 MEAN 17,130 MAX 108,000 MIN 1,454 MEAN* 17,454 CFSM# 2 09 IN# 28 45

† Change in contents, equivalent in cubic feet per second, in Columbia Reservoir

* Adjusted for change in contents in Lake Sidney Lanier, Bartlett's Ferry, Walter F. George, and Columbia Reservoirs

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9,100	5,140	22,400	25,200	16,100	17,100	24,700	8,520	6,770	6,020	3,680	6,130
2	9,030	13,000	21,800	20,900	20,400	24,400	24,600	5,040	7,100	5,810	4,760	6,170
3	6,180	14,500	20,800	12,200	26,000	27,600	20,400	10,900	7,270	3,070	5,690	6,190
4	8,150	14,100	23,900	16,400	26,200	26,800	17,300	10,300	6,780	2,530	5,150	4,110
5	44,100	14,100	25,900	22,200	24,400	25,600	27,200	10,500	4,330	2,780	5,090	3,900
6	66,600	13,700	17,200	26,400	12,700	19,600	24,300	12,200	4,280	7,890	5,930	3,950
7	56,900	8,420	18,500	25,000	7,770	12,800	23,000	12,800	9,370	8,860	4,970	7,620
8	37,500	5,170	23,400	24,100	17,300	17,400	23,700	7,240	10,400	8,860	3,840	7,970
9	27,300	12,800	23,400	12,500	24,400	20,800	24,000	5,070	13,700	8,700	5,830	7,740
10	15,100	13,900	23,100	4,320	23,400	21,300	26,800	11,900	15,100	3,690	6,420	7,570
11	3,320	13,900	12,400	11,500	23,300	22,100	25,400	12,000	15,400	2,420	6,360	4,270
12	11,300	13,800	5,730	14,000	23,400	21,400	25,800	12,300	15,200	7,790	5,580	3,760
13	11,800	13,300	3,660	14,800	24,200	16,400	25,500	11,700	12,400	7,830	5,560	7,120
14	11,600	6,790	8,460	15,700	17,100	11,100	25,100	12,000	14,100	10,200	4,020	7,350
15	15,000	4,560	14,000	14,900	33,700	16,500	25,400	5,200	16,600	9,960	3,560	7,400
16	19,800	14,500	14,100	8,240	26,200	20,700	23,900	3,400	16,700	10,500	5,770	7,130
17	22,500	13,000	14,200	4,560	27,300	22,000	11,100	9,510	16,600	4,620	6,230	8,710
18	28,700	12,900	14,700	12,000	48,400	25,900	3,130	8,840	16,700	2,490	4,640	5,110
19	27,700	13,100	8,570	12,600	52,300	34,500	13,800	9,220	14,200	6,280	5,170	3,650
20	24,600	12,600	4,610	14,000	38,200	39,900	16,900	8,780	11,200	5,920	6,050	7,220
21	25,200	7,500	13,800	17,100	26,300	30,600	18,600	8,410	14,100	6,610	4,150	6,020
22	22,900	5,940	14,600	18,700	22,200	24,600	17,800	4,950	14,000	9,770	3,840	7,150
23	23,500	13,600	13,500	10,900	25,800	26,300	19,000	3,010	14,300	10,600	6,260	6,810
24	13,700	19,100	18,300	7,030	25,700	24,700	9,590	7,530	12,900	4,710	6,140	6,990
25	5,350	16,100	22,900	25,400	26,400	25,300	4,410	8,340	7,510	3,990	6,060	4,520
26	11,400	15,000	43,500	37,800	24,100	26,700	10,400	7,160	4,630	6,810	5,160	3,860
27	12,300	16,000	71,500	38,500	19,000	34,400	12,900	6,280	3,510	6,950	6,810	6,380
28	12,500	12,400	63,900	25,500	12,600	40,600	13,400	6,340	6,400	7,100	4,280	6,830
29	12,400	6,410	47,200	25,600	-----	36,500	14,800	3,620	5,460	7,280	3,820	7,010
30	12,700	14,800	36,100	18,400	-----	33,000	15,600	2,770	5,570	7,220	6,270	7,900
31	7,920	-----	34,800	10,900	-----	26,800	-----	7,160	-----	4,090	6,420	-----
TOTAL	616,150	360,130	701,130	547,350	694,370	773,400	568,530	252,990	322,580	201,510	163,480	186,880
MEAN	19,880	12,260	22,620	17,660	24,800	24,950	18,950	8,161	10,750	6,500	5,274	6,229
MAX	66,600	19,100	71,500	38,500	52,300	40,600	27,200	12,800	16,700	10,600	6,420	8,710
MIN	3,320	4,560	3,860	4,320	7,770	11,100	3,130	2,770	3,510	2,420	3,560	3,650
(†)	+18	+11	-33	+32	-14	-9	+9	-5	+9	-7	-7	+12

CAL YR 1964: TOTAL 7,349,820 MEAN 20,080 MAX 108,000 MIN 3,130 MEAN* 20,340 CFSM# 2 43 IN# 33 08
 MAY YR 1965: TOTAL 14,588,510 MEAN 24,176 MAX 171,500 MEAN* 24,540 CFSM# 1 74 IN# 23 62

† Change in contents, equivalent in cubic feet per second, in Columbia Reservoir

* Adjusted for change in contents in Lake Sidney Lanier, Bartlett's Ferry, Walter F. George and Columbia Reservoirs

2-3443 Camp Creek near Fayetteville, Ga

Location --Lat 33°31'00", long 84°25'39", at downstream side of bridge on State Highway 85, 3 5 miles upstream from mouth and 5 2 miles north of Fayetteville, Fayette County

Drainage area --17 2 sq mi

Records available --June 1960 to September 1965

Gage --Digital water-stage recorder. Altitude of gage is 800 ft above mean sea level (from topographic map). Prior to Apr 23, 1965, graphic water-stage recorder at same site and datum

Average discharge --5 years, 25 5 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (500 cfs), June 1960 to September 1965											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Sept 28, 1960	1200	* 480	7 00	Apr 12, 1962	1500	652	7 48	Mar 15, 1964	1500	748	7 72
Feb 25, 1961	0600	* 4,000	9 90	Nov 21, 1962	2200	* 680	7 55	Mar 25, 1964	2400	912	8 07
Mar 31, 1961	0800	660	7 50	Mar 13, 1963	0300	519	7 13	Apr 6, 1964	1700	1,280	8 52
June 21, 1961	2000	608	7 37	Apr 30, 1963	1000	624	7 35	Apr 27, 1964	1200	* 1,480	8 96
Dec 12, 1961	2000	640	7 50	June 26, 1963	2400	628	7 35	May 3, 1964	0400	658	7 38
Dec 18, 1961	1100	640	7 45	Jan 25, 1964	0800	860	7 98	Oct 16, 1964	0800	925	7 17
Feb 22, 1962	1600	* 684	7 48	Mar 2, 1964	2300	640	7 45	Jan 23, 1965	2100	* 600	7 34
								Mar 17, 1965	2400	510	7 10

Annual minimum discharge, June 1960 to September 1965											
Water year	Date			Discharge	Water year	Date			Discharge		
1960	Aug 4, 1960			3 9	1963	Oct 26, 1962			4 9		
1961	Nov 20, 21, 1960			a 1 0	1964	Oct 21, 1963			5 0		
1962	Sept 24, 25, 1962			4 0	1965	Sept 28, 1965			5 0		

a Caused by construction upstream from gage

1960-65 Maximum discharge, 4,000 cfs Feb 25, 1961 (gage height, 9 90 ft), minimum, 1 0 cfs Nov 20, 21, 1960 (caused by construction upstream from gage)

Remarks --Records fair

DISCHARGE, IN CUBIC FEET PER SECOND, JUNE TO SEPTEMBER 1960															
DAY	JUNE	JULY	AUG	SEPT	DAY	JUNE	JULY	AUG	SEPT	DAY	JUNE	JULY	AUG	SEPT	
1	9 0	6 8	5 7	5 2	11	8 3	9 9	12	5 4	21	7 0	5 4	6 4	5 5	
2	9 6	6 6	5 4	4 9	12	7 9	7 5	12	5 2	22	7 2	5 2	6 4	5 5	
3	9 0	6 6	5 2	5 4	13	7 7	7 2	8 6	5 0	23	8 3	5 4	6 4	5 7	
4	10	7 9	4 7	5 4	14	7 5	6 4	30	5 0	24	7 0	5 5	5 5	5 5	
5	12	7 9	4 7	7 0	15	7 2	6 3	26	5 5	25	6 8	5 0	5 0		
6	13	12	4 9	4 7	16	8 1	5 9	16	7 0	26	7 5	4 9	5 0	7 5	
7	13	14	4 6	4 9	17	8 1	5 7	8 8	7 7	27	7 2	6 8	4 9	14	
8	12	9 6	5 0	6 3	18	7 9	5 5	7 0	7 5	28	7 0	6 1	4 9	232	
9	11	8 3	5 4	5 9	19	7 2	5 5	6 3	6 8	29	7 5	6 4	5 9	45	
10	9 6	7 7	6 8	5 4	20	7 0	5 5	6 3	6 1	30	7 0	6 4	5 2	19	
										31		6 3	4 9		
TOTAL											257 6	216 4	246 0	461 5	
MEAN											8 59	6 98	7 94	15 4	
MAX											13	14	30	232	
MIN											6 8	4 9	4 6	4 7	
CFSM											50	41	46	90	
IN											56	47	53	1 00	

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961															
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.			
1	9.9	8.8	5.9	17	7.9	34	79	25	12	19	8.8	21			
2	8.1	7.7	5.7	12	7.9	31	31	17	17	17	8.4	13			
3	6.8	7.5	5.9	9.9	7.5	28	47	21	12	15	8.2	11			
4	6.3	7.0	6.3	8.6	7.5	26	41	19	12	15	8.4	9.8			
5	6.3	7.0	6.6	7.9	7.2	26	29	18	11	14	8 1	9.8			
6	6.8	7.9	6.4	8.1	7.5	37	26	18	12	13	42	18			
7	7.2	8.1	6.4	7.7	13	151	25	18	12	14	34	17			
8	7.5	7.5	6.3	7.7	16	64	24	17	12	21	21	9.8			
9	8.3	7.7	6.1	7.9	12	35	40	19	11	14	18	9.3			
10	6.8	8.3	6.1	7.7	11	28	36	19	11	13	12	9.6			
11	6.4	7.9	8.8	7.2	10	25	28	41	11	14	11	8.6			
12	6.3	7.9	7.2	7.0	9.6	25	179	31	11	17	10	8.6			
13	5.9	8.4	5.9	7.2	9.0	26	48	24	11	31	9.6	8.4			
14	5.9	8.3	5.9	12	8.6	25	35	20	11	28	9.6	18			
15	5.7	14	6.8	11	8.3	22	43	19	11	20	9.1	14			
16	5 9	12	6.8	9.0	8 1	20	76	17	12	16	8.3	10			
17	5.5	7.7	7.0	8.1	8.1	18	37	16	12	15	8 1	9.6			
18	5.5	7.2	7.9	7.7	82	21	30	16	12	14	8 1	8.6			
19	5.5	7.0	6.8	12	146	20	27	16	11	14	7.9	8.4			
20	9.0	3.4	6.6	13	226	18	24	15	18	14	8.1	8.6			
21	6.8	7.6	7.0	10	160	26	22	14	274	14	8.1	8.4			
22	6.6	5.5	6.3	9.0	72	22	21	48	90	12	8.4	8.1			
23	6.4	7.5	6.1	8.8	215	19	20	59	38	12	8.8	8.1			
24	6.4	6.8	6.4	8.1	300	16	20	23	40	12	48	7.4			
25	5.9	6.3	6.8	7.9	1,870	16	18	18	28	11	2.3	6.3			
26	5.9	6.1	6.8	10	106	15	22	19	49	10	14	5.8			
27	6.1	5.9	6.6	10	58	15	78	17	38	9.6	12	5.5			
28	5.9	5.9	6.3	9.3	45	16	35	16	121	9.3	11	5.5			
29	5.9	6.1	6.3	9.0	-----	16	25	15	34	9.1	9.8	5.5			
30	5.7	6.1	7.2	8.6	-----	15	24	14	72	8 6	12	5.6			
31	9.0	-----	11	8 3	-----	352	-----	14	-----	8.4	21	-----			
TOTAL	206.2	225.1	208.2	287.7	3,439.6	1,210	1,199	677	972	454 0	434.8	292.3			
MEAN	6.65	7.30	6.72	9.28	123	39.0	40.0	21.8	32.1	14.6	14.0	9.14			
MAX	9.9	14	11	17	1,870	352	179	59	274	31	48	21			
MIN	5.5	3.4	5.7	7.0	7.2	15	18	14	11	8.4	7.9	5.5			
CFSM	.39	.44	.39	.54	7.14	2.27	2.37	1.27	1.88	.85	.82	.57			
IN	.45	.49	.45	.62	7.44	2.62	2.59	1.46	2.10	.98	.94	.63			
CAL YR 1960	TOTAL			MEAN			MAX			MIN			CFSM		
MAY YR 1961	TOTAL			MEAN			MAX			MIN			CFSM		
	9,605.9			26.3			1,870			3.4			1.53		
													IN 20.77		

APALACHICOLA RIVER BASIN

2-3443 Camp Creek near Fayetteville, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5.9	6.7	7.2	21	24	22	74	19	9.0	8.3	6.3	4.7
2	6.3	6.6	7.4	18	21	20	41	17	10	7.9	5.7	4.9
3	6.3	6.7	7.4	16	20	20	32	16	11	7.5	5.9	4.7
4	5.9	6.3	7.2	15	20	19	29	16	9.9	8.1	5.7	4.7
5	5.5	8.3	8.3	17	20	18	27	15	16	7.7	5.5	5.7
6	5.5	7.9	11	61	18	17	49	15	11	14	5.2	5.2
7	5.5	7.2	10	34	17	17	50	14	9.3	13	5.4	5.0
8	5.5	7.1	8.8	26	17	16	35	14	8.8	19	5.9	5.5
9	5.5	7.8	8.6	21	19	17	28	14	8.8	11	5.5	5.4
10	5.5	6.9	55	21	17	24	26	15	9.6	8.1	5.2	5.0
11	5.3	7.1	48	19	16	118	79	14	12	7.2	5.0	4.9
12	5.3	7.9	508	18	16	122	336	17	10	12	4.9	5.0
13	5.3	8.3	178	17	16	43	67	14	12	11	4.9	5.0
14	5.3	8.8	56	18	15	32	37	14	11	7.7	5.0	8.6
15	5.5	14	72	24	14	30	29	13	9.0	7.2	5.2	6.6
16	5.3	11	45	20	18	24	25	12	8.6	7.7	5.0	5.5
17	5.3	8.4	50	18	16	21	23	12	25	6.6	4.7	5.4
18	5.6	7.8	311	18	15	20	23	11	15	6.6	4.7	5.0
19	5.6	7.9	61	104	16	20	21	11	11	6.4	4.7	4.7
20	5.5	7.4	37	48	14	19	19	10	11	8.1	4.9	4.6
21	5.6	7.2	28	33	24	40	19	9.6	10	6.8	16	4.4
22	5.6	7.2	22	27	407	26	18	9.6	8.8	5.9	12	4.4
23	5.5	18	24	47	129	21	17	9.3	8.6	5.7	6.8	4.4
24	5.5	12	20	39	80	21	17	9.6	8.6	5.5	6.1	4.4
25	5.5	10	19	29	44	34	20	9.0	8.1	6.3	5.7	4.6
26	5.6	10	18	26	35	48	33	9.3	7.9	6.8	5.5	20
27	5.5	8.6	18	26	32	22	22	8.8	8.3	6.2	5.4	14
28	6.7	7.8	21	128	25	25	20	9.0	67	6.3	5.0	7.7
29	6.9	7.4	18	46	-----	22	29	8.6	19	7.0	5.0	7.0
30	7.4	7.2	16	35	-----	22	22	8.6	10	7.1	4.9	6.3
31	7.1	-----	17	28	-----	184	-----	8.8	-----	9.2	4.9	-----
TOTAL	178.3	257.5	1,717.9	1,018	1,122	1,114	1,267	383.2	384.3	257.8	182.6	183.3
MEAN	5.75	8.58	55.4	32.8	40.1	35.9	42.4	12.8	12.8	8.32	5.85	6.11
MAX	7.4	18	508	128	407	184	336	19	67	19	16	20
MIN	5.3	6.6	7.2	15	14	16	17	8.6	7.9	5.5	4.7	4.4
CFSM	.33	.50	3.22	1.91	2.33	2.09	2.46	.72	.74	.48	.34	.36
IN.	.39	.56	3.71	2.20	2.43	2.41	2.74	.83	.83	.56	.39	.40

CAL YR 1961: TOTAL 11,120.1 MEAN 30.5 MAX 1,870 MIN 2.3 CFSM 1.77 IN 24.04
 MAY YR 1962: TOTAL 8,065.9 MEAN 22.1 MAX 508 MIN 4.4 CFSM 1.28 IN 17.44

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.1	5.2	9.9	13	24	16	15	44	17	20	11	6.3
2	6.6	5.4	9.6	12	24	15	14	27	15	18	10	6.3
3	15	5.4	9.3	11	14	19	14	22	14	16	9.6	6.1
4	13	5.9	9.0	11	26	14	13	18	13	13	8.6	7.6
5	7.7	5.9	10	11	23	19	13	16	12	12	8.3	7.4
6	6.6	5.4	10	11	22	66	18	15	10	38	8.1	7.2
7	6.3	5.5	9.6	9.9	27	20	18	14	9.6	46	7.9	6.8
8	7.2	5.7	9.0	9.0	19	22	16	14	9.3	40	7.7	6.6
9	6.4	15	9.0	9.0	19	20	15	13	8.6	20	7.5	6.6
10	5.9	9.0	8.8	9.0	19	19	14	12	8.3	16	7.5	6.6
11	5.9	7.2	8.8	18	36	17	14	11	8.3	14	7.2	6.6
12	5.7	9.0	8.6	37	33	90	13	11	8.1	12	7.0	6.1
13	5.7	9.6	8.6	20	23	211	13	12	7.9	12	7.0	5.5
14	5.5	7.2	8.6	16	20	41	13	24	7.9	12	10	6.6
15	5.4	7.2	8.8	14	18	29	13	17	7.7	12	10	6.8
16	5.4	8.1	9.0	14	17	23	13	14	16	11	9.9	6.4
17	5.4	7.0	8.8	13	17	26	12	12	27	19	9.6	6.1
18	5.2	10	8.1	107	16	22	12	11	33	71	9.0	5.9
19	5.2	8.6	7.7	76	58	20	12	11	23	30	8.6	5.9
20	5.2	9.6	7.7	128	30	23	14	11	41	18	34	5.7
21	5.4	255	7.5	65	23	19	17	12	34	20	22	5.7
22	5.5	104	9.3	35	21	17	14	11	55	13	13	5.5
23	5.0	26	8.8	29	20	16	12	9.9	47	11	9.6	5.5
24	5.0	19	8.6	26	20	16	11	9.9	27	16	7.5	5.5
25	5.0	16	24	24	18	16	12	10	25	56	6.8	5.5
26	5.0	13	20	24	17	26	12	13	148	20	6.6	5.5
27	5.2	12	14	24	16	21	12	19	172	17	6.8	5.6
28	5.2	11	12	22	16	18	15	156	39	15	6.8	40
29	5.4	13	24	21	-----	16	37	78	30	19	6.8	20
30	5.4	11	20	25	-----	16	311	28	24	17	6.6	10
31	5.4	-----	15	26	-----	15	-----	21	-----	13	6.3	-----
TOTAL	192.9	631.9	342.1	869.9	654	930	732	696.8	897.7	667	297.3	237.8
MEAN	6.22	21.1	11.0	28.1	23.4	30.0	24.4	22.5	29.9	21.5	9.59	7.93
MAX	15	255	24	128	58	211	311	156	172	71	34	40
MIN	5.0	5.2	7.5	9.0	16	14	11	9.9	7.7	11	6.3	5.5
CFSM	.36	1.22	.64	1.63	1.36	1.74	1.42	1.31	1.74	1.25	.56	.46
IN.	.42	1.37	.74	1.88	1.41	2.01	1.58	1.51	1.94	1.44	.64	.51

CAL YR 1962: TOTAL 7,079.1 MEAN 19.4 MAX 407 MIN 4.4 CFSM 1.13 IN 15.31
 MAY YR 1963: TOTAL 7,149.4 MEAN 19.6 MAX 311 MIN 5.0 CFSM 1.14 IN 15.46

2-3443 Camp Creek near Fayetteville, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9.0	7.0	13	41	25	25	20	47	18	56	16	17
2	8.3	8.3	11	26	22	203	20	211	16	26	13	16
3	7.7	7.5	15	26	20	147	19	368	15	28	12	16
4	7.7	7.5	12	26	19	40	20	80	13	45	13	16
5	7.5	7.7	11	23	31	68	19	55	13	20	23	15
6	7.0	8.8	10	23	50	31	627	44	13	15	16	15
7	7.2	8.6	9.6	32	30	26	188	40	13	15	14	14
8	6.6	7.7	10	39	26	24	107	36	13	15	13	12
9	6.6	7.5	9.9	244	24	22	63	34	13	40	14	11
10	6.6	7.9	9.0	51	23	28	48	32	12	113	15	11
11	6.6	8.1	80	33	26	22	44	31	12	68	20	12
12	6.4	7.5	78	39	22	20	42	31	12	174	19	28
13	6.4	7.2	48	32	25	20	136	32	11	56	18	17
14	6.6	7.2	82	26	32	51	80	30	11	30	16	14
15	6.6	7.5	35	24	40	420	50	28	10	22	15	13
16	6.4	7.5	24	23	47	72	40	26	10	20	16	13
17	6.4	7.7	20	27	31	38	37	25	9.6	18	17	13
18	6.8	7.7	19	27	187	29	35	24	9.3	82	15	12
19	6.1	7.7	19	25	33	23	33	23	9.3	34	12	14
20	6.3	7.5	18	29	38	26	31	22	9.1	26	13	12
21	6.1	7.5	17	24	32	27	30	20	8.8	25	13	11
22	6.4	7.7	17	22	30	23	28	20	8.8	18	60	11
23	7.9	8.8	21	20	28	21	28	19	53	33	50	10
24	7.0	9.0	20	145	27	20	54	19	34	32	25	9.8
25	6.3	8.1	17	474	32	276	109	18	19	29	18	9.6
26	6.3	9.9	17	67	30	317	82	17	22	19	16	9.6
27	6.3	14	16	39	27	56	793	16	16	18	16	9.3
28	6.3	14	15	30	28	33	143	16	12	15	16	9.6
29	6.1	41	15	26	26	15	11	15	11	14	17	9.6
30	6.8	18	14	24	-----	23	56	16	10	15	16	10
31	6.3	-----	19	24	-----	22	-----	16	-----	17	17	-----
TOTAL	210.6	292.1	721.5	1,709	1,033	2,184	3,062	1,411	430.9	1,138	576	388.5
MEAN	6.79	9.41	23.3	55.1	33.6	70.5	97.6	44.6	13.6	39.7	16.0	13.0
MAX	9.0	41	82	476	187	420	793	368	53	174	60	28
MIN	6.1	7.0	9.0	20	19	20	19	15	8.8	14	12	9.3
CFSM	.39	.57	1.35	3.21	2.07	4.10	5.93	2.65	.85	2.13	1.08	.75
IN.	.46	.63	1.56	3.70	2.23	4.72	6.62	3.05	.94	2.46	1.25	.84

CAL YR 1963: TOTAL 7,206.7 MEAN 19.7 MAX 311 MIN 5.5 CFSM 1.15 IN 15.58
 WAT YR 1964: TOTAL 13,162.6 MEAN 36.0 MAX 793 MIN 6.1 CFSM 2.09 IN 28.46

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	11	14	17	17	17	18	28	16	9.9	12	10	8.4
2	11	14	16	18	22	26	27	15	9.5	12	9.9	11
3	11	13	15	24	17	20	29	15	9.5	11	9.8	18
4	18	13	18	48	16	32	82	14	13	13	12	12
5	76	13	27	16	15	25	115	14	13	16	9.7	9.8
6	23	13	21	16	28	23	54	14	12	15	10	9.0
7	16	13	18	15	90	22	35	14	33	23	9.9	8.0
8	14	18	18	14	38	21	30	14	32	22	11	9.3
9	14	13	17	14	28	19	28	20	16	15	10	9.0
10	13	12	16	16	27	18	25	21	9.9	13	9.8	9.3
11	13	12	15	15	21	18	25	15	246	13	9.7	10
12	12	12	19	14	70	60	30	14	80	12	10	8.0
13	12	12	17	14	38	35	26	13	38	12	10	7.6
14	12	12	16	14	28	27	23	12	28	12	9.9	7.0
15	46	12	16	15	24	24	27	12	58	12	9.7	6.9
16	283	12	16	17	21	22	44	12	39	12	10	6.6
17	43	12	15	15	52	126	25	11	26	11	9.5	6.6
18	27	12	18	15	48	195	22	11	20	10	9.5	6.7
19	20	12	17	14	29	39	22	11	17	10	9.4	6.1
20	17	17	30	14	24	32	21	16	15	10	13	6.7
21	16	14	24	14	21	28	20	16	14	10	11	5.9
22	15	13	20	13	19	25	17	13	17	10	10	5.8
23	14	13	18	236	18	38	18	13	12	10	9.8	5.8
24	14	19	23	145	22	174	18	12	16	9.9	10	5.9
25	14	65	163	38	34	60	17	12	18	24	14	5.9
26	14	22	63	28	22	152	18	11	14	24	15	5.6
27	14	17	42	22	20	80	22	14	13	12	11	5.6
28	14	28	27	18	19	41	18	13	13	12	10	5.5
29	14	21	22	17	-----	36	17	11	13	12	9.5	5.8
30	14	18	19	17	-----	32	16	11	12	10	9.3	7.7
31	14	-----	18	16	-----	29	-----	10	-----	10	8.8	-----
TOTAL	849	486	831	879	828	1,457	901	424	954.9	410.9	318.9	234.8
MEAN	27.4	16.2	26.8	28.4	29.6	47.0	30.0	13.7	31.8	13.3	10.3	7.83
MAX	283	65	163	236	90	174	115	21	746	24	15	18
MIN	11	12	15	13	15	18	16	10	9.5	9.9	8.8	5.5
CFSM	1.59	.94	1.56	1.65	1.72	2.73	1.75	.80	1.85	.77	.60	.46
IN.	1.84	1.05	1.80	1.90	1.79	3.15	1.95	.92	2.06	.89	.69	.51

CAL YR 1964: TOTAL 14,104.4 MEAN 38.5 MAX 793 MIN 8.8 CFSM 2.24 IN 20.50
 WAT YR 1965: TOTAL 8,574.5 MEAN 23.5 MAX 283 MIN 5.5 CFSM 1.37 IN 18.54

2-3445 Flint River near Griffin, Ga

Location --Lat 33°14', long 84°26', at downstream side of pier 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

Records available --March 1937 to September 1965 Monthly discharge only for some periods, published in WSP 1304

Gage --Digital water-stage recorder Datum of gage is 711.44 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers) Prior to Aug 25, 1938, staff gage at present site at datum 3.00 ft higher Aug 25, 1938, to May 5, 1941, wire-weight gage, May 6, 1941, to Aug 20, 1959, graphic water-stage recorder, and Aug 21, 1959, to Sept 13, 1960, staff gage, all at present site and datum

Average discharge --28 years, 340 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 26, 1961	2000	* 11,100	16 18	Jan 21, 1963	1200	3,510	11 73	Apr 8, 1964	1600	5,030	13 01
Mar 31, 1961	2400	5,180	13 10	Mar 14, 1963	1100	3,580	11 35	Apr 28, 1964	0500	* 5,810	13 46
June 23, 1961	2100	2,800	11 36	Apr 30, 1963	2100	4,560	12 68	May 5, 1964	0500	3,030	11 50
Aug 25, 1961	0600	2,800	11 31	June 20, 1963	0900	* 4,850	12 88				
Dec 15, 1961	0100	3,390	12 20	Jan 10, 1964	0400	2,120	10 67	Oct 5, 1964	2400	2,290	10 82
Dec 20, 1961	1900	2,200	10 88	Jan 27, 1964	0900	3,650	12 03	Dec 27, 1964	1100	* 2,880	11 37
Feb 23, 1962	0400	* 3,900	12 39	Mar 5, 1964	1000	2,220	10 75	Jan 26, 1965	1100	2,200	10 33
Mar 13, 1962	0100	2,560	11 28	Mar 15, 1964	1700	4,510	12 50	June 13, 1965	2300	2,000	10 33
Apr 14, 1962	1900	2,600	11 12	Mar 28, 1964	0500	3,150	11 59				

Annual minimum discharge, water years 1961-65					
Water year	Date	Discharge	Water year	Date	Discharge
1961	Oct 28, 1960	61	1964	Oct 24, 1963	56
1962	Sept 4, 1962	25	1965	Sept 24, 1965	54
1963	Sept 27, 1963	43			

1947-65 Maximum discharge, 13,200 cfs Nov 27, 1948 (gage height, 18.0 ft), minimum daily, 2.5 cfs Oct 20, 1954

Flood of Mar 14 or 15, 1929, reached a stage of 17.9 ft (present datum), from floodmark located by local resident (discharge, 15,300 cfs)

Remarks --Records good City of Griffin diverts for municipal water supply at pumping plant about 6 miles above station Average diversion about 7 cfs Part of diversion (average, 1½ cfs) is discharged as sewage effluent into tributary of Towaliga River, and part (average, 2 cfs) returned as sewage effluent to Flint River about 49 miles below station Some diurnal fluctuation at low flow

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	433	73	87	118	149	1,380	4,010	641	219	670	316
2	551	80	81	195	137	867	2,860	682	198	553	363
3	262	89	81	251	132	640	2,130	692	180	320	386
4	123	98	82	206	126	517	1,210	479	167	243	71
5	98	87	82	185	120	445	776	401	157	205	238
6	85	79	80	130	117	400	576	323	166	185	226
7	89	76	79	118	158	653	505	360	291	180	215
8	90	69	79	110	288	1,090	418	339	295	250	203
9	118	69	78	110	295	1,370	384	276	272	285	218
10	139	72	79	100	267	1,370	458	293	181	253	183
11	119	75	88	96	244	938	462	697	160	256	162
12	107	80	98	96	190	652	804	1,260	176	317	146
13	90	81	96	100	162	489	1,280	915	173	344	133
14	81	84	103	125	143	446	1,190	692	158	403	139
15	78	80	110	176	138	417	1,400	549	148	342	173
16	79	79	106	183	127	391	1,360	379	172	441	176
17	75	87	110	193	122	362	1,020	293	188	468	197
18	67	98	106	174	401	340	841	245	190	262	97
19	63	102	106	144	2,260	353	864	224	186	194	138
20	69	98	96	163	3,920	338	622	207	170	167	125
21	76	95	100	175	4,170	350	433	194	762	163	124
22	82	88	96	183	4,040	375	367	227	2,050	199	116
23	96	88	92	187	3,130	368	333	1,180	2,650	221	112
24	91	102	89	146	3,020	380	309	1,060	2,350	205	105
25	73	109	92	130	7,410	351	283	552	1,270	170	98
26	66	111	96	158	10,000	294	339	909	698	133	91
27	63	119	96	226	8,120	270	689	1,050	678	115	86
28	62	111	96	211	3,240	256	1,110	561	773	103	80
29	63	100	92	192	-----	274	889	366	795	96	73
30	67	93	100	182	-----	269	785	294	690	97	72
31	70	-----	114	160	-----	2,370	-----	255	-----	89	239
TOTAL	3,625	2,672	2,890	4,923	52,626	19,015	28,707	16,595	16,463	7,924	15,980
MEAN	117	89.1	93.2	159	1,880	613	957	535	549	256	515
MAX	551	119	114	251	10,000	2,370	4,010	1,260	2,650	670	2,490
MIN	62	69	78	96	117	256	283	194	148	89	70
CFM	63	33	34	58	6.93	2.26	3.52	1.97	2.02	94	1.90
FSM	50	37	40	67	7.20	2.60	3.93	2.27	2.25	1.08	2.18

CAL YR 1960- TOTAL 125,153
WAT YR 1961 TOTAL 176,655

MEAN 342
MEAN 464

MAX 4,310
MAX 10,000

MIN 42
MIN 62

CFM 1.26
CFM 1.78

IN 17.11
IN 24.15

APALACHICOLA RIVER BASIN

2-3445 Flint River near Griffin, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	441	64	436	383	484	480	457	1,110	185	165	291	107
2	528	72	495	476	494	562	411	1,040	454	396	255	96
3	276	82	455	515	482	1,420	388	2,680	519	392	233	89
4	156	92	263	635	462	1,640	426	2,760	307	426	188	92
5	126	92	216	620	447	2,110	431	2,740	231	438	199	83
6	93	106	219	507	609	1,480	1,470	1,530	190	416	281	82
7	84	125	196	546	651	1,070	4,590	891	184	311	306	83
8	76	127	181	564	657	912	4,840	620	174	204	341	76
9	72	120	178	1,450	676	686	3,370	504	163	176	229	69
10	70	105	170	2,060	509	596	1,590	452	155	175	178	66
11	69	96	167	1,880	406	549	1,030	418	143	276	165	71
12	68	89	417	1,700	371	458	783	362	132	467	184	176
13	69	89	580	1,120	363	428	859	347	125	786	238	308
14	70	83	1,150	706	491	663	1,190	359	125	1,390	283	251
15	66	81	1,560	589	513	3,480	1,240	320	120	1,770	251	229
16	64	82	1,180	514	682	3,250	1,250	340	109	1,020	193	165
17	63	85	972	477	753	3,260	906	323	104	483	182	117
18	62	87	689	544	1,090	2,280	657	306	100	349	175	101
19	64	87	481	533	1,470	1,170	545	287	96	402	171	96
20	66	99	347	706	1,400	789	496	265	92	437	156	95
21	65	105	322	725	1,340	676	419	207	90	660	138	94
22	60	112	305	592	900	623	371	196	88	711	145	91
23	58	152	288	522	643	585	353	192	99	520	282	88
24	57	186	323	620	551	552	357	188	168	485	356	85
25	62	184	328	1,730	500	521	362	184	209	515	446	81
26	68	178	335	2,950	523	729	478	174	295	534	447	79
27	67	185	303	3,470	470	1,870	2,760	165	328	430	241	76
28	69	208	254	2,070	568	2,770	5,270	156	302	333	211	75
29	64	329	244	1,040	538	1,440	4,310	217	217	253	162	73
30	64	399	232	674	-----	802	2,360	149	157	211	136	102
31	62	-----	219	532	-----	551	-----	158	-----	248	121	-----
TOTAL	3,279	3,901	13,505	31,450	19,000	38,402	43,969	19,571	5,661	15,379	7,186	3,297
MEAN	106	130	436	1,015	615	1,239	1,466	631	182	496	232	110
MAX	528	399	1,560	3,470	1,470	3,480	5,270	2,760	519	1,770	447	308
MIN	57	64	167	383	363	428	353	148	88	165	121	66
CFSM	.39	.48	1.60	3.73	2.41	4.55	5.39	2.32	.69	1.82	.85	.40
IN.	.45	.53	1.85	4.30	2.60	5.25	6.01	2.68	.77	2.10	.98	.45

CAL YR 1963: TOTAL 153,914 MEAN 422 MAX 4,330 MIN 44 CFSM 1.55 IN 21.04
WAT YR 1964: TOTAL 204,600 MEAN 559 MAX 5,270 MIN 57 CFSM 2.06 IN 21.97

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	251	182	418	453	332	394	547	227	116	217	163	63
2	174	182	361	402	375	427	492	208	104	195	141	62
3	145	178	418	285	394	452	398	195	157	157	119	140
4	349	173	317	406	383	469	603	189	114	139	108	169
5	1,430	171	435	397	361	483	945	175	127	227	104	191
6	1,790	172	474	376	353	476	1,380	170	142	346	100	172
7	1,100	172	551	331	680	499	1,370	166	152	427	123	119
8	850	176	552	309	817	430	1,140	167	181	1,420	125	100
9	521	178	358	302	926	382	792	158	212	1,140	137	82
10	250	172	288	299	988	352	587	212	340	672	151	78
11	197	167	262	305	683	328	511	226	503	415	122	109
12	172	165	283	300	618	386	472	211	863	529	104	120
13	153	167	326	301	828	543	464	180	1,650	407	92	144
14	145	172	320	273	898	585	442	165	1,660	251	104	116
15	195	176	309	261	933	700	445	148	1,120	289	106	90
16	894	178	266	303	701	566	406	134	1,030	257	103	79
17	1,240	175	236	313	630	453	391	130	829	211	96	72
18	1,700	174	240	301	907	810	448	120	704	190	105	73
19	1,580	176	253	285	903	1,020	444	116	581	169	95	72
20	849	225	310	266	874	1,450	472	117	351	156	78	69
21	398	259	408	260	727	1,070	397	129	262	137	82	61
22	274	233	412	252	519	624	356	217	211	126	121	57
23	238	221	433	338	426	533	321	254	183	119	154	55
24	221	229	400	799	400	881	286	227	181	118	109	57
25	207	484	1,850	1,240	473	1,030	268	239	196	115	83	75
26	198	621	2,400	2,040	477	1,350	269	269	207	122	79	72
27	186	605	2,730	1,280	489	1,520	296	171	218	138	88	67
28	184	710	1,870	698	488	1,260	307	173	197	241	108	59
29	184	710	1,150	416	-----	1,280	300	173	349	349	104	60
30	182	493	836	388	-----	929	278	176	179	249	86	72
31	183	-----	567	354	-----	643	-----	146	-----	191	70	-----
TOTAL	16,440	8,997	19,900	14,719	17,583	22,327	15,881	5,792	12,885	9,719	3,380	2,758
MEAN	530	270	636	472	565	722	512	180	418	284	106	81
MAX	1,790	711	2,730	2,040	988	1,520	1,380	269	1,660	1,420	163	191
MIN	145	165	236	252	332	328	268	116	99	115	70	55
CFSM	1.95	.99	2.36	1.75	2.31	2.65	1.95	.66	1.58	1.15	.40	.34
IN.	2.25	1.11	2.72	2.01	2.40	3.05	2.17	.76	1.76	1.33	.46	.38

CAL YR 1964: TOTAL 228,352 MEAN 624 MAX 5,270 MIN 56 CFSM 2.29 IN 20.27
WAT YR 1965: TOTAL 149,258 MEAN 469 MAX 2,730 MIN 55 CFSM 1.80 IN 20.27

2-3447 Line Creek near Senoia, Ga

Location --Lat 33°19'10", long 84°31'25", on downstream side of bridge on State Highway 85, 2.2 miles northeast of Senoia, Coweta County, 4.1 miles upstream from Whitewater Creek, and 11.2 miles upstream from mouth

Drainage area --101 sq mi, approximately

Records available --September 1964 to September 1965

Gage --Digital water-stage recorder Prior to Apr 27, 1965, graphic water-stage recorder at same site and datum

Extremes --1964 Maximum discharge during September, 107 cfs Sept 9 (gage height, 3.65 ft), minimum daily, 20 cfs Sept 11, 27, 28
1964-65 Maximum discharge during water year, 1,660 cfs Jan 24 (gage height, 10.4 ft), minimum, 14 cfs Sept 28, 29

Remarks --Records fair

DISCHARGE, IN CUBIC FEET PER SECOND, SEPTEMBER 1964

DAY	SEPT	DAY	SEPT	DAY	SEPT	DAY	SEPT	DAY	SEPT
1	33	7	25	13	86	19	29	25	25
2	31	8	23	14	70	20	30	26	21
3	29	9	46	15	48	21	30	27	20
4	29	10	52	16	40	22	29	28	20
5	27	11	20	17	34	23	28	29	22
6	25	12	38	18	31	24	27	30	29
TOTAL									997
MEAN									33.2
MAX									86
MIN									20
CFSM									33
IN									37

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	42	58	104	134	119	128	233	66	28	60	52	21
2	50	56	83	122	143	152	226	68	26	56	47	23
3	43	56	78	128	159	185	199	69	25	48	43	42
4	82	56	107	134	134	180	324	67	30	45	40	82
5	305	55	199	116	116	226	575	63	46	46	39	72
6	536	55	214	104	122	199	840	60	64	84	50	47
7	242	55	137	98	372	163	615	58	52	138	56	37
8	95	55	104	95	695	149	410	57	164	455	60	31
9	68	56	92	92	500	220	300	55	229	915	66	77
10	56	56	86	95	276	233	233	57	99	504	50	28
11	52	54	80	113	194	220	204	59	87	296	40	33
12	46	54	89	107	233	240	194	56	199	220	36	35
13	44	54	113	92	555	598	194	53	693	121	43	33
14	44	56	113	86	470	602	185	50	592	95	45	29
15	59	56	89	83	276	276	163	46	357	114	41	26
16	345	56	78	98	190	226	140	44	308	117	42	24
17	740	56	72	104	199	220	134	42	246	176	45	23
18	400	58	78	92	430	536	113	41	148	88	40	22
19	200	58	86	83	500	740	107	40	113	69	35	22
20	110	75	95	83	300	470	113	39	88	60	40	20
21	84	92	146	83	190	312	104	37	75	56	50	18
22	72	78	146	83	163	220	95	38	65	53	70	17
23	65	65	119	131	146	190	89	46	59	51	45	16
24	60	65	110	1,240	140	336	83	44	56	54	35	17
25	57	146	541	1,030	172	695	78	49	59	103	30	20
26	55	267	815	536	209	450	78	50	61	139	31	18
27	55	185	655	324	159	595	87	43	58	171	33	16
28	55	125	485	194	134	655	103	39	55	94	31	14
29	56	143	258	152	-----	336	88	37	55	73	29	14
30	58	131	172	140	-----	233	73	35	56	66	26	20
31	59	-----	146	131	-----	214	-----	31	-----	58	24	-----
TOTAL	4,235	2,432	5,690	6,103	7,296	10,199	6,380	1,539	4,193	4,575	1,314	847
MEAN	137	81.1	184	197	261	329	213	49.6	140	148	42.4	28.2
MAX	740	267	815	1,240	695	740	840	69	693	915	70	82
MIN	42	54	72	83	116	128	73	31	25	45	24	14
CFSM	1.35	.80	1.82	1.95	2.58	3.26	2.11	.49	1.38	1.46	.42	.28
IN.	1.56	.90	2.10	2.25	2.69	3.76	2.35	.57	1.54	1.68	.48	.31

CAL YR 1964: TOTAL 54,803 MEAN 150 MAX 1,240 MIN 14 CFSM 1.49 IN 20.18

2-3465 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

Records available --October 1937 to September 1965 Monthly discharge only for some periods, published in WSP 1304

Gage --Digital water-stage recorder Altitude of gage is 600 ft above mean sea level (by barometer) Prior to July 23, 1938, wire-weight gage at highway bridge 300 ft upstream at same datum July 23, 1938, to May 13, 1964, graphic water-stage recorder at present site and datum

Average discharge --28 years, 231 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,700 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	1900	3,060	6 00	Apr 2, 1962	0600	2,300	5 49	Apr 8, 1964	1300	* 6,400	7 39
Feb 25, 1961	0100	* 8,450	8 50	Apr 12, 1962	1400	2,900	5 88	Apr 29, 1964	0100	3,090	5 98
Mar 7, 1961	1000	2,660	5 77	Jan 20, 1963	2300	* 3,400	6 18	May 2, 1964	2300	3,180	6 07
Apr 2, 1961	0200	3,950	6 52	Mar 14, 1963	1600	2,980	5 96	July 3, 1964	0100	1,840	5 14
Dec 15, 1961	0500	2,300	5 42	Mar 16, 1964	1500	4,550	6 68	Oct 5, 1964	1000	2,030	5 30
Feb 22, 1962	0900	2,520	5 65					Dec 27, 1964	0700	* 2,120	5 44
Mar 12, 1962	0600	* 3,760	6 40								

Annual minimum daily discharge, water years 1961-65					
Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 30, 1961	40	1964	Oct 30, 31, 1963	40
1962	Sept 8, 1962	22	1965	Sept 1, 1965	35
1963	Oct 27, 1962	23			

1937-65 Maximum discharge, 9,240 cfs Nov 27, 1948 (gage height, 8.80 ft), from rating curve extended above 4,800 cfs by logarithmic plotting, minimum daily, 0.78 cfs Oct 11, 1954

Remarks --Records good except those for periods of no gage-height record, which are poor. Some regulation at low flow caused by diversion for municipal and industrial supplies at Thomaston

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	127	62	62	223	113	562	3,060	325	161	140	55	158
2	93	62	57	195	102	484	3,060	556	147	134	49	150
3	72	55	55	144	100	394	830	900	140	119	46	144
4	67	52	62	105	97	335	614	502	134	107	62	125
5	62	43	58	89	97	305	550	335	122	107	60	107
6	67	48	57	87	92	291	447	296	113	107	147	134
7	72	44	60	87	119	2,010	366	300	107	102	243	183
8	99	44	66	87	147	1,840	330	268	105	128	394	144
9	97	43	69	75	158	1,130	330	268	100	113	543	105
10	91	49	58	71	126	595	345	330	94	100	383	100
11	74	51	75	66	110	429	350	491	100	131	255	89
12	65	55	77	73	105	366	779	647	125	231	158	87
13	60	55	69	77	97	335	880	735	125	291	125	82
14	62	53	69	128	100	330	769	484	100	330	105	84
15	56	51	69	158	92	300	769	340	97	282	97	89
16	52	53	80	134	97	278	942	286	128	187	89	100
17	50	51	82	105	94	243	1,130	247	144	134	84	87
18	50	66	82	94	362	264	628	223	144	172	77	71
19	50	55	71	97	1,210	282	435	207	125	134	69	71
20	52	62	66	125	2,820	278	372	195	125	154	73	73
21	54	55	80	140	2,740	260	335	187	260	199	80	71
22	46	58	75	131	1,380	255	305	175	315	140	161	73
23	55	62	73	107	1,220	247	291	337	394	137	382	62
24	49	69	75	97	2,190	223	268	524	260	116	576	64
25	46	66	77	92	6,030	211	255	491	223	107	572	60
26	44	64	77	154	5,370	199	305	330	223	97	1,020	55
27	71	71	121	195	2,160	317	325	320	320	484	404	63
28	43	60	69	207	728	195	660	356	378	75	255	49
29	50	71	71	168	-----	207	705	260	273	73	183	51
30	49	62	89	140	-----	219	405	211	179	71	147	40
31	54	-----	113	125	-----	2,000	-----	179	-----	58	164	-----
TOTAL	1,957	1,692	2,214	3,796	28,058	15,262	21,032	11,357	5,261	4,355	7,148	2,756
MEAN	63.1	56.4	71.4	122	1,002	492	701	366	175	140	231	91.9
MAX	127	71	113	223	6,030	2,010	3,060	900	394	330	1,020	183
MIN	43	43	55	66	92	195	255	175	94	58	46	40
CFSM	.34	.30	.38	.66	5.39	2.65	3.77	1.97	.94	.76	1.24	.49
IN.	.39	.34	.44	.76	5.61	3.05	4.21	2.27	1.05	.87	1.47	.55

CAL YR 1960: TOTAL 94,752 MEAN 259 MAX 2,900 MIN 28 CFSM 1.39 IN 18.35
WAT YR 1961: TOTAL 104,888 MEAN 287 MAX 6,030 MIN 40 CFSM 1.55 IN 20.97

2-3465 Potato Creek near Thomaston, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	50	35	74	234	310	442	1,960	221	180	202	95	25
2	47	37	64	256	275	546	2,030	206	150	140	78	23
3	50	39	64	234	256	518	942	194	130	118	69	31
4	47	40	65	191	247	472	576	187	120	115	55	25
5	47	42	65	180	239	388	478	183	110	110	64	24
6	48	40	83	1,130	234	342	490	176	100	113	58	24
7	38	38	100	1,310	221	305	667	169	100	115	60	25
8	47	38	95	1,060	206	290	775	166	92	110	97	22
9	43	38	85	518	210	300	584	156	100	102	65	30
10	43	39	100	370	210	359	460	156	120	100	62	35
11	41	40	156	295	198	1,380	498	159	150	85	47	36
12	40	41	748	256	187	3,320	2,100	156	200	78	43	41
13	44	42	1,180	239	187	2,440	2,100	149	180	76	41	44
14	32	43	1,140	225	183	1,150	1,420	143	160	71	65	76
15	33	45	1,840	230	180	703	685	140	140	71	69	67
16	33	74	1,120	243	280	532	504	130	130	87	71	65
17	36	74	740	234	337	430	412	110	110	95	67	56
18	31	71	624	213	300	376	376	120	100	110	45	80
19	33	62	539	815	305	342	348	120	110	92	45	60
20	31	60	370	1,110	295	332	326	120	130	85	38	47
21	29	56	275	997	342	412	305	110	149	67	37	43
22	28	56	234	546	1,260	448	490	137	137	74	35	42
23	28	90	213	412	1,260	466	275	160	105	64	50	29
24	29	124	210	364	1,330	354	265	140	97	55	55	30
25	29	137	194	337	986	400	270	120	140	113	47	29
26	30	105	180	305	703	730	332	110	110	187	51	55
27	30	76	169	305	472	775	400	100	121	152	51	97
28	31	71	166	454	436	539	342	90	342	92	44	97
29	32	65	159	518	-----	406	295	100	280	113	37	69
30	33	67	149	553	-----	364	247	120	394	152	31	53
31	34	-----	149	388	-----	1,040	-----	150	-----	127	35	-----
TOTAL	1,147	1,785	11,358	14,522	12,069	20,901	20,752	4,521	4,497	3,271	1,707	1,359
MEAN	37.0	59.5	366	468	431	674	692	146	150	106	55.1	45.3
MAX	50	137	1,840	1,310	1,680	3,320	2,100	221	394	202	97	97
MIN	28	35	64	180	180	290	247	90	92	55	31	22
CFSM	.20	.32	1.97	2.52	2.32	3.62	3.72	.78	.80	.57	.30	.24
IN.	.23	.36	2.27	2.90	2.41	4.18	4.15	.90	.90	.65	.34	.27

CAL YR 1961 TOTAL 113,315 MEAN 310 MAX 6,030 MIN 28 CFSM 1.67 IN 22.66
 MAY YR 1962. TOTAL 97,879 MEAN 268 MAX 3,320 MIN 22 CFSM 1.44 IN 19.57

Note --No gage-height record May 15 to June 20

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	50	35	80	143	388	221	247	900	350	225	265	80
2	47	30	83	121	447	221	270	270	206	370	65	65
3	51	36	110	110	442	230	230	295	220	187	187	58
4	53	37	76	108	448	230	221	202	180	169	137	51
5	53	31	76	108	406	285	221	169	150	149	115	56
6	56	30	80	108	320	825	221	152	130	118	100	55
7	51	26	76	100	275	942	280	110	120	144	90	48
8	47	76	76	95	247	730	130	130	130	156	80	47
9	40	64	76	92	225	430	247	121	100	140	83	45
10	37	71	71	92	213	342	221	113	96	124	69	43
11	36	80	71	133	428	305	213	102	90	108	67	40
12	41	60	67	511	608	326	206	105	84	100	64	37
13	29	62	62	436	560	1,200	202	105	78	90	62	38
14	32	60	65	406	388	2,590	191	150	76	90	74	49
15	35	56	64	239	300	1,410	180	540	60	95	69	124
16	30	55	74	183	265	576	176	400	60	108	65	121
17	32	44	76	159	243	460	176	300	71	163	58	83
18	33	56	74	664	225	400	173	270	108	275	64	65
19	37	58	74	1,010	418	342	169	180	143	448	55	53
20	24	80	76	2,740	518	348	166	150	156	252	53	60
21	27	179	71	2,900	504	342	176	140	198	217	329	44
22	45	275	87	2,030	337	300	176	130	332	265	400	45
23	41	290	105	920	275	261	166	120	436	183	183	43
24	40	213	102	518	280	243	159	110	466	290	100	33
25	36	124	176	394	785	234	166	100	780	256	80	30
26	37	102	213	310	270	400	187	100	256	243	69	35
27	23	90	183	290	239	497	183	200	394	191	65	26
28	32	87	137	265	221	546	191	450	484	156	62	153
29	35	90	176	234	-----	354	247	1,000	418	183	74	337
30	35	85	213	280	-----	290	563	700	243	265	110	354
31	32	-----	187	376	-----	275	-----	500	-----	213	92	-----
TOTAL	1,197	2,543	3,125	16,075	9,692	16,177	6,473	9,051	6,159	5,799	3,641	2,308
MEAN	38.6	84.8	101	519	346	522	216	292	205	187	117	76.9
MAX	56	290	213	2,900	608	2,590	563	1,030	484	448	400	354
MIN	23	26	62	92	213	221	159	100	60	90	53	26
CFSM	.21	.46	.54	2.79	1.86	2.81	1.16	1.57	1.10	1.01	.63	.61
IN.	.24	.51	.62	3.21	1.94	3.23	1.29	1.81	1.23	1.16	.73	.46

CAL YR 1962 TOTAL 90,454 MEAN 248 MAX 3,320 MIN 22 CFSM 1.33 IN 18.09
 MAY YR 1963. TOTAL 82,240 MEAN 225 MAX 2,900 MIN 23 CFSM 1.21 IN 16.44

2-3465 Potato Creek near Thomaston, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	173	45	180	150	359	448	348	624	125	240	237	85
2	97	51	108	270	354	774	332	1,330	134	978	241	80
3	78	55	90	250	310	1,770	332	2,740	135	1,290	173	76
4	65	51	78	270	280	1,900	359	2,660	126	388	144	74
5	62	56	78	300	290	1,700	354	1,340	117	221	137	72
6	62	64	71	290	478	1,380	2,250	685	108	174	138	70
7	58	76	65	360	525	870	3,580	490	110	144	134	68
8	55	69	74	440	466	600	4,930	406	130	128	170	66
9	56	56	71	780	394	478	2,300	364	120	124	114	66
10	56	56	71	1,100	342	539	1,330	337	110	185	121	90
11	56	56	71	960	337	525	850	315	110	182	192	200
12	55	56	206	740	359	460	685	305	102	183	245	300
13	51	51	295	480	342	388	739	305	164	300	250	200
14	50	50	539	360	436	460	975	295	129	437	162	150
15	50	55	539	300	504	3,220	953	268	122	388	128	130
16	48	55	460	290	640	4,210	658	255	104	265	116	110
17	50	50	256	320	600	2,490	525	240	100	202	120	100
18	51	56	180	400	1,120	920	460	234	96	211	117	90
19	43	56	149	370	1,300	667	430	228	94	267	104	75
20	45	58	134	450	1,150	568	400	218	83	241	99	78
21	45	53	130	560	616	525	376	213	83	228	88	76
22	43	60	140	470	472	472	354	202	111	232	87	75
23	43	64	180	400	418	412	342	196	154	210	192	72
24	45	78	170	424	382	400	332	193	173	193	418	70
25	50	78	150	1,380	388	430	342	186	205	181	195	68
26	41	74	140	1,410	430	576	490	164	158	173	132	66
27	47	87	130	975	448	730	1,880	153	177	161	111	64
28	47	102	130	511	518	685	2,660	161	156	151	110	62
29	44	221	120	400	518	460	2,190	159	131	157	100	60
30	40	213	110	348	-----	400	931	148	110	158	95	70
31	40	-----	120	332	-----	359	-----	132	-----	189	90	-----
TOTAL MEAN	1,746 56.3	2,152 71.7	5,235 169	16,090 519	14,776 510	29,816 962	32,687 1,080	15,554 502	3,777 126	8,581 277	4,710 152	2,863 95.4
MAX	173	221	539	1,410	1,300	4,210	4,930	2,740	205	1,290	418	300
MIN	40	45	65	150	280	359	332	132	83	124	87	62
CFSM	.30	.39	.91	2.79	2.74	5.17	5.86	2.70	.68	1.49	.82	.51
IN.	.35	.43	1.05	3.22	2.95	5.96	6.54	3.11	.76	1.72	.94	.57

CAL YR 1963: TOTAL 84,588 MEAN 232 MAX 4,930 MIN 26 CFSM 1.24 IN 16.90
 WAT YR 1964: TOTAL 137,987 MEAN 377 MAX 4,930 MIN 40 CFSM 2.03 IN 25.59

Note --No gage-height record Dec 22 to Jan 25, Aug 28 to Sept 30

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	110	134	179	317	221	344	375	193	72	115	159	35
2	209	131	162	293	248	409	347	187	70	112	127	39
3	184	136	158	305	267	412	336	170	64	100	98	96
4	469	140	212	301	243	369	471	159	93	89	87	81
5	1,790	142	287	274	216	330	762	150	81	120	77	81
6	1,790	135	321	244	274	311	947	148	87	154	71	60
7	1,400	129	235	236	664	303	709	144	87	264	74	51
8	510	132	196	228	699	438	1,388	138	111	224	126	48
9	310	133	183	220	518	267	407	136	113	258	160	62
10	228	129	173	220	379	261	360	128	98	229	268	51
11	188	129	171	218	323	252	336	123	158	143	197	76
12	163	132	239	218	438	319	322	118	314	125	128	84
13	150	136	277	210	629	390	317	110	346	122	116	68
14	153	136	234	204	724	388	298	100	210	162	97	54
15	225	140	194	200	622	316	278	95	473	140	82	52
16	525	139	177	208	508	286	342	95	966	144	83	49
17	606	138	173	241	663	385	300	93	1,020	132	72	47
18	525	141	178	245	1,130	1,060	268	88	461	119	63	51
19	272	142	177	210	1,050	1,360	275	85	261	99	57	56
20	189	184	216	201	678	762	572	85	195	88	53	49
21	166	201	256	198	456	438	368	89	155	85	53	43
22	155	184	259	194	388	360	306	135	131	79	56	41
23	146	147	220	192	349	491	265	185	118	78	53	41
24	141	155	208	487	341	817	241	131	114	87	45	43
25	139	313	393	575	397	844	233	112	178	88	42	51
26	133	356	1,420	506	410	789	238	102	155	87	39	59
27	131	311	1,950	342	339	1,190	289	88	134	74	43	54
28	133	215	1,240	279	305	1,050	275	96	122	106	59	44
29	135	216	676	250	-----	623	232	95	114	291	48	48
30	137	211	426	240	-----	481	205	88	106	551	44	70
31	134	-----	349	235	-----	417	-----	77	-----	291	39	-----
TOTAL MEAN	11,566 373	5,068 169	11,539 359	8,291 267	13,479 481	16,310 526	11,171 372	3,743 121	6,544 218	4,765 154	2,717 87.6	1,680 56.0
MAX	1,790	356	1,950	575	1,130	1,360	947	193	1,020	551	268	97
MIN	110	129	158	192	216	252	205	77	64	74	39	35
CFSM	2.01	.91	2.00	1.44	2.59	2.83	2.00	.65	1.17	.83	.47	.30
IN.	2.31	1.01	2.31	1.66	2.70	3.26	2.23	.75	1.31	.95	.54	.34

CAL YR 1964: TOTAL 157,027 MEAN 429 MAX 4,930 MIN 60 CFSM 2.31 IN 31.49
 WAT YR 1965: TOTAL 96,873 MEAN 265 MAX 4,950 MIN 35 CFSM 1.43 IN 15.37

2-3475 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

Records available --July 1911 to May 1923, July 1928 to December 1931, March 1937 to September 1965

Gage --Digital water-stage recorder Datum of gage is 334.54 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 July 1, 1911, to Oct 11, 1918, staff gage and Oct 12, 1918, to May 31, 1923, graphic water-stage recorder, at site 2½ miles downstream at different datum July 21, 1928, to Dec 31, 1931, chain gage, Mar 18 to May 10, 1937, staff gage, May 11, 1937, to May 3, 1939, wire-weight gage and May 4, 1939, to Oct 4, 1960, graphic water-stage recorder, all at present site and datum

Average discharge --42 years (1911-22, 1928-31, 1937-65), 2,400 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (11,000 cfs), water years 1961-65							
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	1700	27,500	23.4	Apr 13, 1962	0100	19,400	19.46
Jan 6, 1962	1800	* 58,200	32.8	Mar 16, 1964	1500	27,700	23.49
Mar 7, 1961	1800	13,600	15.8	Apr 8, 1964	2200	* 64,400	34.36
Apr 1, 1961	1900	30,800	24.6	Apr 29, 1964	0100	23,800	21.81
				May 3, 1964	0900	22,100	20.96
Dec 15, 1961	1300	20,800	20.21	Apr 30, 1963	1900	13,900	16.06
Jan 21, 1962	1800	13,200	15.54	Jan 10, 1964	1200	13,000	15.38
Feb 22, 1962	1900	* 25,100	22.43	Jan 25, 1964	1500	12,200	14.80
Mar 12, 1962	1500	23,600	21.66	Feb 18, 1964	2000	13,100	15.48
Apr 1, 1962	0800	17,200	18.13	Mar 3, 1964	0800	16,800	17.87
				Oct 5, 1964	1800	30,700	24.57
				Dec 26, 1964	1500	* 39,400	27.47
				Feb 18, 1965	0500	12,800	15.27
				Mar 18, 1965	1000	11,500	14.19

Annual minimum discharge, water years 1961-65					
Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 30, 1961	494	1964	Oct 22-24, 29, 31, Nov 1, 1963	435
1962	Sept 4, 5, 1962	304	1965	Sept 24, 1965	495
1963	Oct 21, 1962	304			

1911-23, 1928-31, 1937-65 Maximum discharge, 92,000 cfs Mar 15, 1929 (gage height, 38.4 ft), from graph based on gage readings, minimum discharge observed, 92 cfs Oct 4, 6, 7, 1931
Maximum stage known since at least 1912, 38.4 ft Mar 15, 1929

Remarks --Records good

Revisions (water years) --WSP 697 1911-23 WSP 1002 1943 WSP 1504 1913, 1916-17, 1918(M), 1919-22, 1923(W), drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,060	570	630	1,330	1,150	19,900	29,300	3,800	1,390	2,370	595	1,570
2	2,160	585	620	1,570	1,090	10,300	25,600	7,840	1,240	1,820	540	1,690
3	1,570	585	600	1,390	1,030	5,390	14,800	6,410	1,150	1,570	540	1,820
4	1,330	580	590	1,210	970	3,980	9,710	4,440	1,060	1,270	708	1,690
5	970	575	600	1,060	940	3,550	6,630	3,300	1,000	1,120	762	1,390
6	790	560	605	970	880	3,140	4,720	2,670	970	1,030	680	1,740
7	940	540	610	820	940	9,200	3,800	2,370	1,000	970	1,180	1,210
8	940	526	620	762	1,150	10,400	3,220	2,370	1,210	1,120	3,140	1,420
9	940	530	615	735	1,510	8,390	2,900	2,440	1,330	1,270	4,440	1,270
10	880	535	610	708	1,510	6,850	3,300	2,670	1,210	1,090	3,640	1,000
11	880	570	630	680	1,330	5,690	3,140	2,670	1,060	1,090	3,060	880
12	820	570	655	680	1,180	4,530	7,400	4,440	1,030	1,760	2,300	820
13	735	585	680	680	1,090	3,550	8,720	5,490	1,090	2,090	1,630	762
14	680	590	655	790	1,000	3,300	6,960	4,820	1,000	2,090	1,390	735
15	630	595	680	970	940	3,060	8,280	3,640	970	2,230	970	820
16	610	590	735	1,060	910	2,820	10,200	2,740	1,030	1,950	850	940
17	595	605	735	1,030	910	2,600	8,390	2,160	1,090	1,570	762	910
18	575	615	735	940	1,250	2,600	5,990	1,820	1,150	1,510	708	790
19	560	625	680	910	11,600	2,740	4,530	1,630	1,090	1,330	655	735
20	555	630	680	1,000	25,600	2,600	3,600	1,510	1,030	1,090	620	708
21	555	630	708	1,060	24,700	2,520	3,220	1,420	2,200	1,570	630	708
22	550	615	735	1,060	19,500	2,600	2,740	1,360	5,290	1,120	655	708
23	560	625	735	1,000	19,100	2,670	2,440	1,630	7,290	1,270	910	708
24	570	655	680	970	17,600	2,520	2,230	3,300	7,510	1,510	3,900	630
25	565	655	680	940	49,000	2,230	2,090	4,160	6,190	1,180	8,780	590
26	545	680	680	1,030	50,200	2,090	2,370	3,550	4,340	1,090	8,170	575
27	530	708	680	1,570	39,500	2,020	4,620	3,550	3,720	970	5,690	550
28	526	680	680	1,760	30,200	1,950	7,290	4,060	3,060	820	3,380	526
29	521	708	680	1,570	-----	2,020	5,990	3,060	3,060	708	2,230	516
30	521	680	708	1,360	-----	2,020	4,720	2,090	3,140	655	1,570	508
31	526	-----	790	1,270	-----	11,200	-----	1,570	-----	630	1,570	-----
TOTAL	26,189	18,197	20,721	32,885	306,780	148,430	209,100	98,980	67,400	41,863	66,175	28,414
MEAN	845	607	668	1,061	10,960	4,788	6,970	3,193	2,247	1,350	2,135	947
MAX	3,060	708	790	1,760	50,200	19,900	29,300	7,840	7,510	2,370	8,280	1,820
MIN	521	526	680	880	1,950	2,090	1,360	970	630	630	540	508
CFSM	.46	.33	.36	.57	5.92	2.59	3.77	1.73	1.21	.73	1.15	.51
IN.	.53	.37	.42	.66	6.17	2.98	4.20	1.99	1.35	.84	1.33	.57

CAL YR 1960: TOTAL 894,605 MEAN 2,414 MAX 50,200 MIN 503 CFSM 1.32 IN 17.98
MAY YR 1961: TOTAL 1,065,134 MEAN 2,414 MAX 50,200 MIN 503 CFSM 1.58 IN 21.41

2-3475 Flint River near Culloden, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	485	465	759	2,160	3,780	4,550	16,500	2,700	913	2,520	914	374
2	477	491	742	2,460	3,200	5,020	13,300	2,400	1,440	2,010	811	378
3	467	485	722	2,270	2,740	4,980	9,360	2,180	1,420	1,340	710	323
4	470	484	710	2,030	2,460	4,200	6,930	2,010	1,180	1,200	661	315
5	468	486	712	1,790	2,330	3,630	5,240	1,840	1,180	1,070	606	322
6	484	512	822	9,540	2,250	3,220	4,370	1,730	1,050	984	567	551
7	480	531	1,060	10,200	2,980	2,940	5,740	1,640	909	1,080	556	391
8	470	573	1,090	7,470	1,950	2,740	5,570	1,570	916	1,100	708	603
9	447	565	1,050	5,520	1,870	2,670	4,880	1,500	979	1,110	705	473
10	431	558	1,050	4,160	1,830	3,180	4,150	1,430	1,140	1,100	593	449
11	427	557	1,590	3,280	1,760	12,800	3,920	1,410	1,390	1,000	550	477
12	424	555	3,670	2,690	1,690	22,000	13,800	1,380	1,570	851	509	433
13	403	552	10,100	2,340	1,660	17,500	16,900	1,340	1,620	803	481	667
14	423	589	12,600	2,140	1,620	12,100	11,400	1,290	1,490	711	692	593
15	393	646	19,600	2,170	1,590	8,650	8,700	1,230	1,210	699	614	657
16	367	715	16,100	2,400	1,840	6,240	7,120	1,170	1,010	1,000	667	544
17	359	823	10,600	2,360	2,450	4,570	5,220	1,120	905	867	663	670
18	390	893	8,630	2,230	2,320	3,740	3,960	1,080	953	966	581	647
19	401	874	7,380	6,080	2,660	3,330	3,500	1,040	872	863	499	601
20	401	771	7,210	9,950	2,630	3,090	3,190	1,020	884	800	457	492
21	390	722	7,000	8,770	2,540	3,120	2,960	968	933	705	430	426
22	402	698	5,670	6,870	18,200	3,800	2,740	933	999	623	436	383
23	423	771	4,090	5,250	16,900	3,600	2,580	905	881	578	442	342
24	503	1,120	3,020	4,340	13,600	3,270	2,440	879	779	531	654	372
25	535	1,250	2,490	3,720	13,700	3,080	2,450	857	889	611	635	314
26	512	1,220	2,200	3,430	10,900	5,840	2,950	821	796	727	657	465
27	453	1,070	2,010	3,280	7,510	5,450	3,390	783	1,210	802	596	667
28	422	977	1,940	4,210	5,230	4,590	3,270	764	3,800	742	545	516
29	411	877	1,840	5,040	-----	-----	3,810	3,360	730	3,350	761	503
30	420	796	1,770	5,010	-----	-----	3,370	3,150	701	2,720	1,240	445
31	428	-----	1,700	4,530	-----	6,440	-----	685	-----	974	400	-----
TOTAL	13,566	21,626	139,927	137,690	133,300	177,520	183,040	40,106	39,388	30,367	18,287	14,228
MEAN	438	721	4,514	4,442	4,271	5,726	5,726	1,313	1,213	980	564	474
MAX	535	1,250	19,600	10,200	18,200	22,000	16,900	2,700	3,800	2,520	914	667
MIN	359	465	710	1,790	1,590	2,670	2,440	685	779	531	400	314
CFSM	.24	.39	2.44	2.40	2.57	3.10	3.30	.70	.71	.53	.32	.26
IN.	.27	.43	2.81	2.77	2.68	3.57	3.68	.81	.79	.61	.37	.29
CAL YR 1961 TOTAL 1,175,146 MEAN 3,220 MAX 50,200 MIN 359 CFSM 1.74 IN 23.62												
WAT YR 1962 TOTAL 949,045 MEAN 2,660 MAX 22,600 MIN 314 CFSM 1.41 IN 18.08												

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	546	344	1,050	1,820	3,620	2,030	2,060	11,700	3,930	3,910	1,670	667
2	530	349	996	1,610	3,410	2,100	1,900	12,200	2,670	2,890	1,560	588
3	494	360	946	1,460	3,910	2,080	1,770	10,700	1,840	2,780	1,370	526
4	478	362	921	1,320	4,410	2,030	1,670	6,870	1,460	2,390	1,050	504
5	507	356	888	1,200	4,030	2,440	1,570	3,980	1,160	1,730	905	52
6	749	344	873	1,110	3,550	6,310	1,510	2,420	1,060	1,360	815	495
7	759	357	872	1,070	3,060	9,420	1,760	1,860	982	1,200	754	480
8	612	372	875	1,040	2,700	7,730	1,850	1,610	918	1,330	703	458
9	519	567	865	1,020	2,430	5,760	1,760	1,450	860	1,660	659	463
10	453	777	844	985	2,220	4,340	1,640	1,330	821	2,000	635	476
11	421	759	827	981	3,110	3,400	1,520	1,240	779	1,610	610	442
12	407	802	806	4,360	6,580	2,870	1,430	1,160	725	1,360	581	420
13	399	756	760	4,390	4,810	7,040	1,350	1,120	688	1,100	556	404
14	369	767	762	3,780	3,790	10,900	1,240	1,350	650	940	610	417
15	351	761	757	3,030	3,180	11,500	1,150	3,370	611	928	619	830
16	342	728	782	2,300	2,820	9,800	1,100	3,510	589	921	619	911
17	332	666	797	1,880	2,470	7,020	1,060	2,420	617	1,050	641	813
18	335	639	821	5,120	2,200	4,540	1,020	1,740	934	1,180	609	709
19	323	659	825	9,580	3,060	3,470	1,000	1,430	1,930	1,640	596	650
20	322	799	808	21,100	4,630	3,700	979	1,230	4,700	1,750	558	590
21	326	1,240	782	25,100	4,320	3,740	989	1,280	7,890	2,530	1,010	543
22	417	3,640	814	17,400	3,800	3,170	1,070	1,380	8,710	3,140	1,050	513
23	392	4,180	976	10,800	3,200	2,660	1,070	1,220	7,340	2,610	968	518
24	356	5,450	938	7,380	2,910	2,380	976	1,070	5,030	3,030	960	452
25	353	4,550	1,200	5,090	2,780	2,210	961	1,000	4,060	3,180	803	417
26	337	3,400	1,770	3,660	2,570	3,560	1,130	952	3,340	2,870	675	410
27	333	2,200	1,820	3,040	2,350	5,650	1,100	1,140	4,920	2,560	616	404
28	320	1,460	1,610	2,840	2,130	4,640	1,030	3,770	8,250	1,960	583	617
29	322	1,200	1,710	2,630	-----	3,500	1,220	4,860	7,920	2,030	553	3,75
30	333	1,100	2,430	2,660	-----	2,720	9,080	6,060	5,590	1,850	700	2,870
31	350	-----	2,080	3,680	-----	2,330	-----	5,420	-----	1,660	702	-----
TOTAL	13,087	39,944	33,195	153,436	94,050	145,040	47,985	100,842	90,874	61,149	24,640	21,856
MEAN	422	1,331	1,071	4,950	3,359	4,679	1,600	3,253	3,029	1,973	729	729
MAX	759	5,450	2,430	25,100	6,580	11,500	9,080	12,200	8,710	3,910	1,620	3,750
MIN	320	344	757	981	2,130	2,030	961	952	589	921	553	404
CFSM	.23	.72	.58	2.68	1.82	2.53	.86	1.76	1.64	1.07	.43	.39
IN.	.26	.80	.67	3.08	1.89	2.92	.96	2.03	1.83	1.23	.50	.44
CAL YR 1962:	TOTAL	860,152	MEAN	2,357	MAX	22,000	MIN	314	CFSM	1.27	IN	17.29
WAT YR 1963:	TOTAL	826,098	MEAN	2,263	MAX	25,100	MIN	320	CFSM	1.22	IN	16.61

2-3475 Flint River near Culloden, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,260	458	2,200	2,530	3,510	3,620	3,270	11,400	1,370	1,190	1,600	871
2	1,810	512	2,050	3,280	3,240	5,270	2,990	10,300	1,430	2,080	1,780	811
3	1,360	521	1,750	3,590	2,970	15,200	2,850	21,200	1,850	3,130	1,620	742
4	1,090	523	1,440	3,780	2,760	12,200	2,980	16,700	1,820	2,170	1,340	716
5	811	537	1,200	3,600	2,660	11,900	2,950	11,900	1,500	1,590	1,190	699
6	700	661	1,080	3,350	4,650	10,000	10,900	9,350	1,340	1,490	1,280	679
7	642	733	1,030	4,780	4,850	7,720	37,100	7,050	1,380	1,410	1,350	649
8	601	737	994	4,350	4,520	5,950	49,400	4,890	1,350	1,280	1,290	624
9	570	731	974	10,400	4,070	4,810	46,800	3,850	1,330	1,100	1,240	625
10	560	687	970	12,600	3,490	4,590	22,300	3,430	1,240	1,020	1,270	596
11	537	651	967	9,540	3,160	4,230	11,100	3,130	1,170	1,190	1,460	606
12	536	622	1,790	8,180	3,020	3,770	6,870	2,940	1,110	1,240	1,990	1,290
13	519	602	3,520	6,640	2,830	3,350	6,140	2,920	1,240	2,430	3,440	1,980
14	495	592	6,420	4,890	3,530	3,330	8,170	2,770	1,200	2,950	2,230	1,710
15	484	567	7,580	3,640	3,980	17,400	8,590	2,550	1,100	3,310	1,610	1,410
16	495	555	5,990	3,050	5,140	26,900	7,290	2,360	1,010	3,330	1,410	1,150
17	488	555	4,860	3,900	4,980	20,000	6,140	2,240	946	2,650	1,300	977
18	470	551	3,630	6,390	9,720	12,400	5,040	2,130	904	1,950	1,240	847
19	477	549	2,680	4,810	10,800	9,070	4,250	2,020	874	1,830	1,160	779
20	454	581	2,090	5,640	8,520	6,390	3,760	1,970	856	2,050	1,080	749
21	448	593	1,750	5,810	6,750	4,800	3,440	1,840	834	2,040	1,020	733
22	443	620	1,580	4,770	5,440	4,230	3,180	1,720	852	2,280	971	727
23	445	677	1,560	3,780	4,310	3,850	2,990	1,650	1,040	2,760	978	716
24	445	786	1,660	3,440	3,560	3,600	2,830	1,620	1,190	3,540	1,770	695
25	457	817	1,690	10,100	3,320	3,660	2,700	1,590	1,610	2,490	1,770	670
26	466	815	1,630	10,800	3,620	4,580	2,950	1,530	1,700	2,170	1,530	679
27	468	1,080	1,520	10,900	3,520	5,220	10,100	1,450	1,480	1,920	1,430	588
28	466	1,190	1,440	10,200	4,450	6,310	21,000	1,400	1,470	1,710	1,200	598
29	444	2,320	1,320	7,870	4,100	6,850	22,400	1,340	1,320	2,200	1,190	592
30	452	2,650	1,270	5,140	-----	5,670	16,800	1,330	1,130	1,730	1,060	631
31	449	-----	1,330	3,630	-----	3,970	-----	1,350	-----	1,530	949	-----
TOTAL	20,342	23,473	69,965	185,388	131,470	240,840	337,280	141,870	37,666	63,760	44,748	25,088
MEAN	656	782	2,257	5,980	4,533	7,769	11,240	4,576	1,255	2,057	1,443	836
MAX	2,260	2,650	7,580	12,600	10,800	26,900	49,400	21,200	1,850	3,540	3,440	1,980
MIN	443	458	967	2,530	2,660	3,330	2,700	1,330	834	1,020	949	588
CFSM	.35	.42	1.22	3.23	2.45	4.20	6.08	2.47	.68	1.11	.78	.45
IN.	.41	.47	1.41	3.73	2.64	4.84	6.78	2.85	.76	1.28	.90	.50

CAL YR 1963 TOTAL 853,652 MEAN 2,339 MAX 25,100 MIN 404 CFSM 1.26 IN 17.16
WAT YR 1964 TOTAL 1,321,862 MEAN 3,612 MAX 49,400 MIN 443 CFSM 1.95 IN 26.57

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,020	1,260	2,230	3,480	2,210	2,900	3,830	1,680	896	1,210	1,540	618
2	1,760	1,230	1,880	3,030	2,300	3,280	3,430	1,570	830	1,120	1,270	606
3	1,560	1,230	1,700	2,930	2,460	3,710	3,220	1,490	781	1,070	1,140	940
4	4,870	1,230	1,710	2,860	2,360	3,500	3,560	1,410	789	987	969	1,120
5	26,000	1,200	2,510	2,640	2,190	3,460	5,220	1,370	849	1,450	876	1,090
6	20,800	1,200	2,750	2,440	2,230	3,310	6,250	1,320	1,000	2,200	835	1,030
7	9,330	1,180	2,600	2,310	6,450	3,180	6,440	1,290	1,020	2,270	840	910
8	5,600	1,170	2,360	2,180	6,710	2,990	6,180	1,250	2,160	2,280	1,130	790
9	3,620	1,170	2,130	2,080	5,700	2,780	5,130	1,220	1,730	3,090	1,910	712
10	2,650	1,170	1,840	2,040	5,030	2,640	4,040	1,280	1,660	4,080	1,450	672
11	1,970	1,150	1,650	2,060	4,260	2,580	3,370	1,290	1,800	3,770	1,800	850
12	1,650	1,150	1,780	2,020	4,430	3,050	3,100	1,240	3,430	2,820	1,440	850
13	1,490	1,140	2,080	1,950	6,110	4,640	3,260	1,190	5,790	2,350	1,160	850
14	1,400	1,160	2,020	1,870	6,670	4,040	2,940	1,130	6,190	2,100	1,040	790
15	1,540	1,160	1,860	1,800	6,390	3,720	2,700	1,070	6,390	1,730	924	760
16	3,830	1,170	1,680	1,840	5,160	3,460	2,720	1,030	7,400	1,630	1,040	706
17	6,360	1,180	1,570	2,140	7,560	3,380	2,640	996	5,790	1,610	1,030	662
18	6,230	1,180	1,540	2,050	11,700	10,300	2,410	962	4,300	1,390	886	645
19	5,250	1,180	1,590	1,900	8,250	9,050	2,290	925	3,110	1,210	816	634
20	4,370	1,320	1,790	1,780	6,220	7,000	3,740	950	2,360	1,100	801	601
21	3,020	1,570	2,620	1,730	5,130	5,860	3,550	929	1,800	1,040	768	557
22	2,150	1,530	2,540	1,690	4,270	4,840	2,770	973	1,480	944	755	540
23	1,750	1,390	2,360	1,800	3,580	4,070	2,360	1,090	1,300	878	763	510
24	1,580	1,370	2,190	5,090	3,250	6,800	2,130	1,210	1,180	901	788	500
25	1,490	2,140	6,220	6,260	3,520	6,810	1,970	1,240	1,270	912	760	557
26	1,420	3,190	33,800	6,980	3,520	6,140	1,910	1,250	1,420	944	689	552
27	1,370	2,980	6,330	6,330	3,270	8,770	1,970	1,170	1,390	964	634	606
28	1,340	2,760	12,200	4,960	3,060	8,120	2,200	1,050	1,300	1,030	790	579
29	1,320	2,760	8,220	3,380	-----	6,480	2,010	1,220	1,210	1,420	820	557
30	1,300	2,650	9,760	2,700	-----	5,620	1,830	1,110	1,230	2,510	718	612
31	1,280	-----	4,250	2,410	-----	4,570	-----	960	-----	2,230	672	-----
TOTAL	129,320	46,110	145,090	88,730	133,990	150,850	99,170	36,865	71,855	53,240	31,054	21,406
MEAN	4,172	1,537	4,680	2,862	4,785	4,866	3,306	1,185	2,395	1,717	1,002	714
MAX	26,000	3,190	33,800	6,980	11,700	10,300	6,440	1,680	7,400	4,080	1,910	1,120
MIN	1,020	1,140	1,540	1,690	2,190	2,580	1,830	925	781	878	634	500
CFSM	2.25	.83	2.53	1.55	2.59	2.63	1.79	.64	1.79	.93	.54	.39
IN.	2.60	.93	2.92	1.78	2.69	3.03	1.99	.74	1.44	1.07	.62	.43

CAL YR 1964 TOTAL 1,529,602 MEAN 2,177 MAX 49,400 MIN 588 CFSM 2.25 IN 30.73
WAT YR 1965 TOTAL 1,007,680 MEAN 2,761 MAX 33,800 MIN 500 CFSM 1.29 IN 20.76

2-3490 Whitewater Creek below Rambulette Creek, near-Butler, Ga

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

Records available --October 1951 to September 1965

Gage --Digital water-stage recorder Datum of gage is 365 85 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 Prior to July 22, 1964, graphic water-stage recorder at same site and datum

Average discharge --14 years, 166 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (500 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	1700	* 452	3 84	Jan 21, 1963	0400	* 668	4 54	Oct 5 1964	2300	* 765	4 8
Mar 12, 1962	1200	* 478	3 94	Apr 9, 1964	0500	* 895	5 08				

Annual minimum daily discharge, water years 1961-65							
Water year	Date		Discharge	Water year	Date		Discharge
1961	Sept 25, 29, 30, 1961		128	1964	Oct 11-13, 1963		114
1962	Sept 1, 3, 1962		125	1965	Oct 1, 1964		142
1963	Sept 10-13, 26, 27, 1963		111				

1951-65 Maximum discharge, 2,160 cfs May 4, 1957 (gage height, 7 01 ft), from rating curve extended above 750 cfs on basis of current-meter measurement (1,270 cfs) made at site above Rambulette Creek, adjusted to gage site, minimum daily, 103 cfs Sept 16, 23, 1956

Maximum stage since at least 1944, 7 01 ft May 4, 1957 on basis of records at site 500 ft upstream

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB	MAR.	APR.	MAY	JUNF	JULY	AUG.	SEPT.
1	192	154	154	215	154	200	385	182	146	150	132	200
2	166	146	150	192	150	235	285	265	146	142	132	166
3	162	142	150	158	150	220	196	265	142	142	139	146
4	158	146	150	150	154	192	174	192	142	142	182	154
5	158	146	150	150	150	187	166	174	142	146	240	158
6	154	146	154	154	150	178	166	166	142	150	158	162
7	162	150	154	154	166	174	166	162	142	154	166	158
8	166	150	154	150	170	178	162	158	136	150	178	150
9	162	154	150	142	158	174	170	170	139	142	200	142
10	158	150	150	146	150	170	200	235	136	142	178	142
11	158	158	158	146	150	166	170	235	142	150	154	139
12	150	162	174	146	146	166	265	196	139	215	146	139
13	150	158	158	150	150	162	325	187	139	205	146	139
14	154	154	150	178	146	166	245	170	142	196	150	142
15	150	150	154	170	146	162	235	162	146	174	146	178
16	154	150	162	158	146	162	302	154	158	158	142	174
17	154	158	154	150	146	158	252	154	158	150	136	142
18	142	158	150	146	154	174	200	154	154	139	136	136
19	150	154	150	150	230	178	182	150	154	192	136	146
20	150	154	150	178	405	170	178	150	154	230	136	136
21	142	154	162	162	340	170	178	146	235	174	139	146
22	150	150	162	150	230	170	170	150	265	150	146	136
23	150	150	154	150	310	158	170	166	205	146	139	132
24	150	162	150	150	325	154	170	205	158	162	154	132
25	142	158	154	150	365	154	174	187	150	146	200	128
26	146	158	154	170	332	154	174	196	162	142	205	132
27	150	154	154	192	245	154	215	215	182	146	162	132
28	150	154	154	178	205	154	230	174	192	146	150	132
29	146	158	150	158	-----	158	205	162	174	136	146	128
30	150	162	162	158	-----	158	178	154	150	136	150	128
31	150	-----	174	154	-----	252	-----	150	-----	132	210	-----
TOTAL	4,776	4,600	4,806	4,955	5,723	5,408	6,288	5,586	4,772	4,885	4,934	4,355
MEAN	154	153	155	160	204	174	210	180	159	158	159	145
MAX	192	162	174	215	405	252	385	265	265	230	240	200
MIN	142	142	150	142	146	154	162	146	136	132	132	128
CFSM	1.65	1.64	1.66	1 71	2 19	1 87	2.24	1.93	1.70	1.69	1.70	1.55
IN.	1.90	1.83	1.91	1.97	2.28	2.15	2.50	2.22	1.90	1.95	1 96	1.73

CAL YR 1960 TOTAL 66,278 MEAN 181 MAX 503 MIN 142 CFSM 1.94 IN 26.39
 WAT YR 1961 TOTAL 61,088 MEAN 167 MAX 405 MIN 128 CFSM 1.79 IN 24.37

2-3490 Whitewater Creek below Rambulette Creek, near Butler, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	132	132	136	178	154	162	340	166	170	139	139	175
2	132	132	139	182	154	200	285	162	146	139	136	128
3	128	132	139	162	154	225	205	158	162	139	136	125
4	136	132	136	154	150	205	182	154	154	142	136	128
5	128	132	139	150	154	174	178	154	150	146	139	136
6	132	136	154	260	150	166	192	150	146	146	136	139
7	128	136	154	318	150	162	285	150	150	166	139	154
8	132	136	142	230	150	162	278	146	166	154	150	166
9	132	136	139	174	150	166	230	146	158	154	146	154
10	132	136	150	166	150	178	196	146	187	146	136	147
11	128	136	187	162	146	245	187	146	220	139	132	136
12	128	136	220	158	154	415	318	142	210	139	132	147
13	128	136	395	158	154	290	340	142	187	150	132	136
14	128	146	290	158	154	210	252	139	158	158	174	146
15	128	154	285	166	150	196	196	139	146	170	182	182
16	128	142	325	166	174	196	178	136	142	225	150	146
17	128	142	265	158	174	182	174	139	142	187	139	139
18	128	139	235	158	162	174	170	136	154	174	136	139
19	128	139	230	192	252	174	166	139	150	182	132	137
20	128	136	187	230	245	174	166	139	154	154	132	178
21	132	136	170	205	192	178	166	136	170	146	136	128
22	132	136	166	166	200	174	166	136	150	139	162	128
23	132	158	162	166	210	170	166	136	142	136	146	132
24	132	192	162	178	187	166	166	132	142	136	170	136
25	132	162	158	174	166	174	178	137	142	136	150	132
26	132	139	154	162	162	210	182	132	146	154	142	162
27	132	139	158	166	162	196	174	128	139	154	142	196
28	132	139	158	200	158	170	166	128	146	146	142	154
29	132	136	154	192	-----	166	192	128	146	158	136	139
30	132	136	150	170	-----	166	187	128	142	158	128	136
31	132	-----	154	158	-----	196	-----	142	-----	146	178	-----
TOTAL	4,048	4,219	5,793	5,617	4,718	6,022	6,261	4,387	4,717	4,758	4,416	4,256
MEAN	131	141	187	181	169	194	209	142	157	153	142	142
MAX	136	192	395	318	252	415	340	166	220	225	182	196
MIN	128	132	136	150	146	162	166	128	139	136	128	125
CFSM	1.40	1.51	2.00	1.94	1.80	2.08	2.23	1.52	1.68	1.66	1.53	1.52
IN.	1.61	1.68	2.31	2.24	1.88	2.40	2.49	1.75	1.88	1.89	1.76	1.69
CAL YR 1961	TOTAL	60,966		MEAN 167		MAX 405	MIN 128	CFSM 1.79	IN 24.28			
WAT YR 1962	TOTAL	59,212		MEAN 162		MAX 415	MIN 125	CFSM 1.74	IN 23.58			

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	132	132	139	142	200	158	139	215	131	142	128	120
2	139	132	136	139	174	162	136	162	128	134	124	117
3	142	132	136	139	187	158	136	145	124	142	120	117
4	178	132	136	136	192	154	136	145	124	134	120	114
5	166	132	136	136	170	170	132	142	120	128	120	114
6	142	132	139	139	162	182	142	138	120	124	120	114
7	136	132	136	139	158	182	220	142	120	128	120	114
8	136	136	136	139	154	158	192	148	120	124	170	114
9	132	174	139	136	154	154	150	142	117	138	117	114
10	132	182	136	136	150	154	146	138	117	138	117	111
11	132	146	136	142	196	154	142	134	117	128	117	111
12	132	142	136	215	295	150	146	131	117	124	117	111
13	132	139	136	225	245	170	150	134	114	120	117	111
14	132	136	136	192	182	170	139	142	114	120	134	114
15	132	136	136	154	170	154	136	152	114	131	128	120
16	132	136	139	146	166	150	136	142	114	128	120	124
17	132	136	139	142	162	150	136	134	124	138	120	120
18	132	142	136	187	162	150	136	131	159	196	120	117
19	128	142	136	240	196	150	136	128	162	156	117	117
20	128	142	136	482	215	158	136	134	156	134	117	114
21	142	162	136	580	178	162	136	134	145	142	120	114
22	154	210	142	332	162	146	136	131	145	138	120	114
23	154	174	142	235	158	146	136	128	148	138	120	114
24	136	142	139	200	178	142	132	128	142	159	120	114
25	156	139	166	192	192	142	132	124	134	235	117	114
26	136	139	178	182	170	150	139	128	138	240	117	111
27	136	139	150	178	162	174	139	142	184	170	170	111
28	136	139	142	174	158	158	139	159	174	156	170	152
29	132	142	158	166	-----	150	150	184	152	148	120	270
30	132	142	178	182	-----	142	187	170	152	134	131	215
31	136	-----	150	215	-----	142	-----	142	-----	131	128	-----
TOTAL	4,297	4,341	4,416	6,162	5,048	4,862	4,348	4,449	4,022	4,488	3,766	3,737
MEAN	139	142	142	198	162	155	144	144	134	145	123	125
MAX	178	210	178	580	295	182	220	215	184	240	134	270
MIN	128	132	136	136	150	142	132	124	114	120	117	111
CFSM	1.48	1.55	1.53	2.12	1.93	1.67	1.55	1.54	1.44	1.55	1.29	1.33
IN.	1.71	1.73	1.76	2.45	2.01	1.93	1.73	1.77	1.60	1.79	1.49	1.49
CAL YR 1962	TOTAL	58,206		MEAN 159		MAX 415	MIN 125	CFSM 1.71	IN 23.18			
WAT YR 1963	TOTAL	53,876		MEAN 148		MAX 580	MIN 111	CFSM 1.58	IN 21.45			

2-3490 Whitewater Creek below Ramboulette Creek, near Butler, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	142	124	145	215	176	173	156	184	166	152	145	134
2	128	134	138	205	176	180	156	236	187	162	142	137
3	124	134	138	187	162	278	156	440	170	187	138	133
4	120	131	134	180	156	290	159	318	162	176	138	134
5	120	131	134	166	156	260	159	245	162	170	138	132
6	117	134	134	162	187	240	180	210	162	159	148	131
7	117	134	134	192	192	205	325	200	180	148	156	130
8	117	131	134	192	180	180	504	192	173	148	138	131
9	117	131	138	302	173	176	648	187	162	152	142	130
10	117	131	134	310	162	187	325	187	159	152	145	137
11	114	131	134	225	162	192	265	184	156	148	205	160
12	114	131	166	187	159	176	230	192	152	152	265	315
13	114	128	196	192	156	170	220	235	156	196	238	347
14	120	128	225	187	166	180	235	205	152	215	189	733
15	124	128	230	159	192	166	252	187	152	184	159	163
16	120	128	176	159	180	180	235	184	148	166	153	151
17	117	128	148	205	173	184	196	180	148	152	156	145
18	117	131	145	252	225	164	184	176	156	173	151	143
19	117	131	142	235	290	162	184	173	148	205	145	143
20	117	128	138	225	240	166	180	170	148	240	141	143
21	117	131	138	205	180	166	176	170	170	184	142	141
22	117	128	134	176	170	162	184	166	162	180	153	141
23	117	134	145	162	166	159	180	166	162	176	191	141
24	120	145	148	162	166	159	176	166	166	187	178	139
25	120	138	142	205	173	170	173	166	166	205	152	136
26	120	134	138	235	184	187	173	166	162	162	143	135
27	120	152	138	200	180	187	243	162	180	148	140	139
28	120	166	134	166	205	166	332	159	187	145	138	142
29	120	192	134	162	200	162	260	159	170	192	139	139
30	120	184	131	159	-----	156	196	162	152	162	138	138
31	124	-----	148	159	-----	156	-----	166	-----	148	136	-----
TOTAL	3,708	4,111	4,593	6,111	5,308	5,727	7,038	6,093	4,876	5,326	4,882	4,648
MEAN	120	137	148	197	183	185	235	197	163	172	157	155
MAX	142	192	230	310	290	290	648	440	187	240	265	347
MIN	114	124	131	159	156	156	156	159	148	145	136	130
CFSM	1.28	1.47	1.59	2.11	1.96	1.98	2.51	2.10	1.74	1.84	1.69	1.66
IN.	1.48	1.64	1.83	2.43	2.11	2.28	7.80	2.43	1.94	2.12	1.94	1.85

CAL YR 1963 TOTAL 53,234 MEAN 146 MAX 580 MIN 111 CFSM 1.56 IN 21.80
WAT YR 1964 TOTAL 62,421 MEAN 171 MAX 648 MIN 114 CFSM 1.83 IN 24.85

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	142	164	159	189	164	192	208	170	151	179	220	148
2	146	160	157	184	175	212	201	164	148	168	168	189
3	148	157	158	183	176	225	197	166	148	156	156	308
4	219	156	173	181	166	210	202	164	152	147	150	301
5	589	155	194	176	163	197	213	163	154	257	148	211
6	468	155	184	174	176	195	201	160	151	236	162	177
7	260	155	166	169	177	192	194	157	244	197	278	172
8	193	156	161	172	278	190	191	159	215	174	212	163
9	170	155	160	171	217	188	192	158	195	164	220	160
10	163	155	158	173	182	186	192	159	179	159	184	167
11	158	154	158	172	174	182	190	157	200	173	195	192
12	153	154	164	169	177	213	194	157	244	197	278	172
13	151	155	183	167	202	276	230	156	240	176	257	167
14	160	157	176	167	216	254	229	154	191	165	194	162
15	184	157	160	169	214	202	195	152	212	168	171	160
16	232	157	158	178	198	191	190	172	294	164	189	160
17	225	157	157	175	272	194	190	171	293	158	176	159
18	186	155	163	168	406	269	183	155	227	150	163	158
19	166	155	163	165	314	317	182	152	192	149	160	172
20	160	173	162	164	241	265	186	150	172	147	162	163
21	157	177	178	164	213	229	191	150	164	146	172	158
22	156	162	175	164	205	204	186	157	160	144	175	158
23	157	156	165	170	201	210	181	159	157	143	161	159
24	159	165	164	226	207	256	176	154	155	173	153	165
25	157	204	300	233	239	245	174	152	159	180	149	174
26	157	209	469	195	226	222	176	167	164	158	149	162
27	157	181	375	177	201	244	187	159	164	150	147	158
28	157	172	276	168	195	245	201	163	162	156	158	157
29	156	177	221	165	-----	221	190	197	167	234	149	162
30	155	167	197	166	-----	207	175	184	189	213	166	169
31	157	-----	190	165	-----	204	-----	158	-----	227	145	-----
TOTAL	5,998	4,912	6,024	5,464	6,063	6,837	5,797	5,000	5,572	5,422	5,455	5,281
MEAN	193	164	194	176	217	221	193	161	186	175	176	176
MAX	589	209	469	233	406	317	230	197	294	257	278	308
MIN	142	154	157	164	163	182	174	150	148	143	145	148
CFSM	2.07	1.75	2.08	1.89	2.32	2.36	2.07	1.73	1.99	1.87	1.88	1.88
IN.	2.39	1.96	2.40	2.18	2.41	2.72	2.31	1.99	2.22	2.16	2.17	2.10

CAL YR 1964 TOTAL 66,943 MEAN 183 MAX 648 MIN 130 CFSM 1.96 IN 26.66
WAT YR 1965 TOTAL 67,825 MEAN 186 MAX 589 MIN 142 CFSM 1.99 IN 27.01

2-3495 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 29, 1,000 ft upstream from Central of Georgia Railway bridge, 1,400 ft upstream from Atlantic Coast Line Railroad (formerly Atlanta, Birmingham and 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, includes that of Buck Creek

Records available --October 1904 to December 1912 (published as "near Montezuma"), July 1930 to September 1965. Monthly discharge only for some periods, published in WSP 1304. Gage-height records collected at same site since 1904 are contained in reports of U S Weather Bureau

Gage --Digital water-stage recorder. Datum of gage is 255.83 ft above mean sea level, datum of 1929, supplementary adjustment of 1936. January 1905 to December 1909, and January 1911 to December 1912, chain gage at site 1½ miles upstream at same datum. July 1, 1930, to June 30, 1933, chain gage, Oct 1, 1934, to Dec 12, 1941, wire-weight gage, and Dec 13, 1941, to Oct 25, 1955, graphic water-stage recorder at site 500 ft downstream at same datum. Oct 26, 1955, to Mar 10, 1965, graphic water-stage recorder at present site and datum

Average discharge --43 years, 3,561 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum daily		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 28, 1961	58,800	24.0	Nov 8-10, 1960	1,220	-
1962	Mar 15, 1962	26,000	18.7	Sept 4-5, 1962	970	-
1963	Jan 23, 1963	30,900	19.7	Sept 14, 1963	950	-
1964	Apr 10, 1964	67,100	25.0	Oct 20, 21, 24, 30, Nov 1, 2, 1963	910	-
1965	Dec 29, 1964	36,900	20.8	Sept 23, 1965	1,390	-

1904-12, 1930-65. Maximum discharge, 68,900 cfs Nov 30, 1948 (gage height, 25.2 ft), minimum daily, 585 cfs Oct 26, 1941, Sept 23, 1956

Maximum stage known since at least 1897, 27.4 ft Mar 17, 1929, from U S Weather Bureau (discharge, 92,300 cfs, from rating curve extended above 65,000 cfs by logarithmic plotting)

Flood of Mar 2, 1897, reached a stage of 26.0 ft, from U S Weather Bureau (discharge, 97,000 cfs as explained above)

Flood of Jan 20, 1925, reached a stage of 25.0 ft, from U S Weather Bureau (discharge, 85,000 cfs as explained above)

Remarks --Records good. Records include flow of Buck Creek. Prior to Dec 31, 1963, when operation was discontinued, moderate diurnal fluctuation caused by powerplant above station

Revisions (water years) --WSP 822. Drainage area WSP 852. 1936(M). WSP 1504. 1905-9, 1911-12, drainage area (at site used prior to 1912)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961										
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY
1	5,980	1,320	1,460	2,050	2,110	49,200	8,440	8,190	3,290	4,300
2	6,240	1,320	1,460	2,420	2,050	38,700	10,800	8,440	2,870	4,000
3	4,700	1,360	1,410	2,610	1,940	28,400	21,200	8,190	3,290	1,410
4	3,010	1,320	1,360	2,420	1,880	20,000	28,900	8,310	2,480	2,870
5	2,480	1,320	1,360	2,170	1,820	13,900	22,400	9,250	2,350	2,610
6	2,110	1,270	1,360	1,990	1,770	9,540	16,500	8,970	2,230	2,420
7	1,940	1,270	1,360	1,820	1,880	6,620	12,300	6,820	2,170	2,230
8	1,820	1,220	1,360	1,770	1,990	5,700	9,540	4,860	2,110	2,230
9	1,880	1,220	1,360	1,660	2,050	6,720	7,110	4,380	2,170	2,170
10	1,880	1,220	1,360	1,610	2,170	8,700	5,980	4,380	2,350	2,290
11	1,770	1,270	1,410	1,560	2,290	10,500	5,620	4,620	2,290	2,230
12	1,720	1,270	1,510	1,560	2,170	10,200	6,440	4,940	2,730	2,290
13	1,720	1,320	1,510	1,560	2,050	8,830	8,190	5,520	2,110	2,870
14	1,610	1,320	1,510	1,720	1,940	7,410	8,700	6,160	2,170	3,630
15	1,560	1,320	1,510	1,940	1,820	5,800	10,800	6,620	2,170	3,500
16	1,510	1,320	1,560	2,050	1,770	4,940	12,100	6,530	2,230	3,430
17	1,460	1,320	1,560	1,990	1,720	4,540	11,900	5,520	2,290	3,290
18	1,410	1,360	1,560	1,940	1,770	4,460	13,500	4,300	2,290	2,870
19	1,410	1,360	1,560	1,820	2,610	4,540	13,500	3,640	2,290	2,610
20	1,360	1,360	1,510	1,880	5,440	4,540	11,400	3,360	2,290	2,480
21	1,320	1,360	1,510	1,940	7,730	4,460	9,110	3,150	2,800	2,350
22	1,320	1,360	1,560	1,990	13,400	4,300	7,110	3,010	3,430	2,610
23	1,320	1,360	1,560	1,940	26,400	4,150	5,520	3,010	4,620	2,480
24	1,320	1,360	1,560	1,880	28,900	4,080	4,700	3,220	5,520	2,290
25	1,320	1,410	1,510	1,880	26,400	3,920	4,300	4,080	6,160	2,540
26	1,270	1,410	1,510	1,940	26,900	3,710	4,150	4,940	6,720	2,290
27	1,270	1,410	1,460	2,290	47,800	3,500	4,620	5,520	7,210	2,290
28	1,270	1,460	1,460	2,480	57,200	3,360	5,880	5,440	6,910	2,290
29	1,270	1,460	1,460	2,610	-----	3,290	6,910	5,360	5,270	2,050
30	1,270	1,460	1,510	2,610	-----	3,290	7,620	5,180	4,460	1,770
31	1,270	-----	1,610	2,350	-----	4,300	-----	4,150	-----	1,660
TOTAL	61,790	40,110	45,760	62,450	277,970	295,600	305,240	170,060	100,090	96,230
MEAN	1,993	1,337	1,476	2,015	9,928	9,535	10,170	5,484	3,336	3,104
MAX	6,240	1,460	1,610	2,610	57,200	49,200	28,900	9,250	4,300	7,730
MIN	1,270	1,360	1,560	1,720	3,290	4,150	3,010	2,110	1,660	1,410
CF5M	.69	.46	.51	.69	3.42	3.29	3.51	1.89	1.15	1.07
IN.	.79	.51	.59	.80	3.56	3.79	3.91	2.18	1.28	1.23

CAL YR 1960: TOTAL 1,434,930 MEAN 3,921 MAX 24,800 MIN 1,970 CFSM 1.35 IN 28.50

WAT YR 1961: TOTAL 1,599,080 MEAN 4,381 MAX 24,800 MIN 1,970 CFSM 1.35 IN 28.50

2-3495 Flint River at Montezuma, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,220	1,030	1,560	3,150	6,620	13,300	7,210	4,940	1,770	3,920	1,880	1,070
2	1,220	1,050	1,510	3,430	6,340	11,200	8,190	4,620	1,880	3,360	1,720	1,030
3	1,180	1,090	1,460	3,850	5,520	9,390	13,100	4,150	2,170	3,010	1,610	1,010
4	1,180	1,110	1,460	3,710	4,700	8,310	17,500	3,780	2,480	2,540	1,510	970
5	1,180	1,110	1,460	3,430	4,150	7,950	15,300	3,500	2,170	2,170	1,410	970
6	1,180	1,090	1,460	5,910	3,920	7,310	12,300	3,290	1,990	2,050	1,360	990
7	1,140	1,110	1,610	8,440	3,710	6,240	10,700	3,150	1,990	1,990	1,320	1,070
8	1,140	1,110	1,770	8,700	3,570	5,180	11,000	3,010	1,880	2,110	1,360	1,220
9	1,140	1,140	1,880	10,700	3,430	4,700	10,800	2,940	1,820	2,290	1,360	1,180
10	1,140	1,180	1,880	12,500	3,360	4,460	9,690	2,800	1,880	2,111	1,460	1,270
11	1,140	1,180	2,050	11,000	3,220	5,620	8,700	2,680	2,110	1,990	1,360	1,180
12	1,090	1,180	2,420	8,570	3,150	7,840	8,570	2,610	2,420	1,880	1,220	1,140
13	1,090	1,180	4,000	5,880	3,080	10,800	9,250	2,540	2,740	1,770	1,180	1,090
14	1,070	1,180	5,620	4,460	3,010	21,500	11,900	2,480	2,800	1,770	1,360	1,110
15	1,050	1,220	6,910	3,920	3,010	25,700	18,900	2,420	2,610	1,660	1,610	1,180
16	1,050	1,320	8,970	3,780	3,220	20,000	18,100	2,350	2,230	1,610	1,720	1,320
17	1,050	1,320	14,400	3,850	3,430	15,300	14,600	2,230	1,990	1,770	1,560	1,360
18	1,030	1,360	20,300	3,920	3,850	11,700	11,700	2,170	1,820	1,880	1,510	1,360
19	1,010	1,460	18,900	4,000	4,940	9,250	9,690	2,110	1,820	1,880	1,360	1,510
20	1,010	1,510	15,300	4,860	5,800	7,010	7,730	2,050	1,990	1,820	1,270	1,410
21	1,030	1,460	12,500	6,240	5,520	5,700	6,060	1,990	1,990	1,660	1,180	1,270
22	1,030	1,410	10,500	7,730	5,270	5,270	5,270	1,940	1,940	1,560	1,140	1,140
23	1,030	1,510	9,390	9,840	6,060	5,270	4,860	1,880	1,880	1,460	1,140	1,090
24	1,030	1,770	8,570	10,700	9,120	5,440	4,540	1,820	1,940	1,360	1,180	1,050
25	1,050	1,940	7,210	9,540	18,600	5,360	4,540	1,770	1,770	1,320	1,220	1,010
26	1,090	2,050	4,940	7,730	19,400	5,360	4,460	1,770	1,720	1,410	1,320	1,050
27	1,110	2,050	3,850	6,160	17,500	5,620	4,540	1,720	1,720	1,560	1,360	1,270
28	1,090	1,880	3,500	5,620	15,800	6,440	4,860	1,660	2,110	1,560	1,360	1,720
29	1,050	1,770	3,290	5,700	-----	7,010	5,020	1,610	3,500	1,560	1,320	1,660
30	1,030	1,660	3,120	6,160	-----	6,720	4,940	1,560	4,220	1,560	1,270	1,410
31	1,030	-----	3,080	6,530	-----	6,160	-----	1,510	-----	1,990	1,140	-----
TOTAL	33,880	41,430	184,970	200,010	179,300	276,610	284,220	79,050	65,350	60,680	42,720	36,110
MEAN	1,093	1,381	5,967	6,452	6,404	8,923	9,474	2,550	2,178	1,957	1,378	1,204
MAX	1,220	2,050	20,300	12,500	19,400	25,200	18,900	4,940	4,220	3,920	1,880	1,720
MIN	1,010	1,030	1,460	3,150	3,010	4,460	4,460	1,510	1,720	1,320	1,140	970
CFSM	.38	.48	2.06	2.22	2.21	3.08	3.27	.88	.75	.67	.48	.42
IN.	.43	.53	2.37	2.56	2.30	3.55	3.64	1.01	.84	.78	.55	.46

CAL YR 1961 TOTAL 1,711,680 MEAN 4,690 MAX 57,200 MIN 1,010 CFSM 1.62 IN 21.95
WAT YR 1962 TOTAL 1,484,330 MEAN 4,067 MAX 55,200 MIN 970 CFSM 1.40 IN 19.04

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,320	1,050	2,110	3,220	4,940	3,640	3,920	4,220	5,700	7,210	2,800	1,270
2	1,360	1,050	1,990	2,870	5,360	3,430	3,570	5,980	5,700	7,730	2,680	1,270
3	1,360	1,030	1,940	2,540	5,360	3,430	3,290	8,700	4,620	7,010	2,480	1,180
4	1,460	1,030	1,880	2,350	5,270	3,360	3,150	12,100	3,150	4,620	2,290	1,110
5	1,610	1,050	1,820	2,170	5,520	3,290	3,010	13,100	2,350	3,710	1,990	1,070
6	1,510	1,030	1,770	2,050	5,800	3,710	2,870	11,600	1,990	3,080	1,770	1,050
7	1,460	1,030	1,720	1,990	5,440	4,700	3,150	8,310	1,820	2,610	1,610	1,030
8	1,510	1,030	1,720	1,880	4,780	5,980	3,570	4,080	1,720	2,350	1,510	1,010
9	1,410	1,180	1,720	1,880	4,220	7,210	3,640	2,740	1,660	2,350	1,460	1,010
10	1,320	1,360	1,720	1,820	3,850	8,310	3,360	2,420	1,560	2,540	1,410	970
11	1,220	1,560	1,660	1,770	3,780	8,700	3,080	2,230	1,460	2,870	1,360	950
12	1,180	1,610	1,610	2,170	4,620	7,410	2,940	2,110	1,410	2,740	1,320	970
13	1,140	1,610	1,560	3,710	5,980	5,270	2,800	1,990	1,360	2,420	1,270	950
14	1,090	1,560	1,560	5,180	7,110	4,940	2,680	1,880	1,270	2,110	1,220	930
15	1,090	1,510	1,510	5,360	7,620	6,060	2,480	1,990	1,220	1,880	1,270	970
16	1,070	1,510	1,560	4,860	6,720	7,510	2,350	3,080	1,180	1,820	1,320	1,070
17	1,050	1,510	1,610	3,780	5,020	10,000	2,230	3,850	1,220	1,820	1,270	1,320
18	1,050	1,460	1,610	3,290	4,150	11,700	2,170	3,570	1,360	2,110	1,220	1,360
19	1,010	1,460	1,610	4,220	4,000	11,000	2,170	2,740	1,560	2,680	1,220	1,270
20	1,010	1,510	1,610	6,340	4,940	8,930	2,110	2,350	2,230	2,800	1,270	1,180
21	1,030	1,610	1,610	8,830	5,440	6,240	2,050	2,170	3,430	2,940	1,220	1,140
22	1,180	2,170	1,610	15,800	5,880	5,180	2,050	2,290	5,020	3,080	1,880	1,090
23	1,320	3,360	1,660	28,400	5,800	4,780	2,050	2,170	5,980	3,710	2,050	1,030
24	1,270	4,300	1,720	27,400	5,270	4,150	2,050	2,050	7,110	3,780	1,720	990
25	1,180	4,700	1,820	20,300	4,860	3,710	1,990	1,870	7,950	3,920	1,560	990
26	1,090	5,020	2,050	14,800	4,620	3,500	1,990	1,720	7,950	4,540	1,460	990
27	1,050	4,780	2,540	10,800	4,300	3,780	2,110	1,660	6,440	4,540	1,360	990
28	1,050	3,710	2,740	7,620	3,920	5,100	2,170	1,770	5,100	4,540	1,270	1,010
29	1,050	2,740	2,980	5,180	-----	2,980	2,170	2,940	5,620	5,620	1,270	1,410
30	1,030	2,290	2,800	4,300	-----	5,880	2,350	4,700	6,440	3,150	1,180	3,290
31	1,050	-----	3,290	4,300	-----	4,780	-----	5,270	-----	2,940	1,220	-----
TOTAL	37,530	60,820	59,810	211,180	144,170	181,560	79,520	127,600	105,580	106,780	48,830	34,970
MEAN	1,211	2,027	1,897	6,812	5,149	5,857	2,651	4,116	3,519	3,445	1,575	1,162
MAX	1,610	5,020	3,290	28,400	7,620	11,700	3,920	13,100	7,950	7,730	2,800	3,290
MIN	1,010	1,030	1,510	1,770	3,780	3,290	1,990	1,660	1,180	1,820	1,180	930
CFSM	.42	.70	.65	2.35	1.78	2.02	.91	1.42	1.21	1.19	.54	.40
IN.	.48	.78	.75	2.71	1.85	2.33	1.02	1.64	1.35	1.37	.63	.45
CAL YR 1962 TOTAL 1,381,210 MEAN 3,784 MAX 25,200 MIN 970 CFSM 1.30 IN 17.71												
WAT YR 1963 TOTAL 1,197,250 MEAN 3,280 MAX 28,400 MIN 930 CFSM 1.13 IN 15.35												

CAL YR 1962: TOTAL 1,381,210 MEAN 3,784 MAX 25,200 MIN 970 CFSM 1.30 IN 17.71
WAT YR 1963 TOTAL 1,197,250 MEAN 3,280 MAX 28,400 MIN 930 CFSM 1.13 IN 15.35

2-3495 Flint River at Montezuma, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,220	910	3,500	3,080	10,700	6,440	7,410	21,800	2,540	2,230	3,150	1,820
2	3,640	910	3,290	4,150	8,310	6,530	6,530	21,800	2,680	2,170	3,010	1,770
3	2,800	950	2,940	4,700	6,340	7,210	5,100	20,900	2,680	2,740	3,910	1,610
4	2,290	990	2,610	5,100	5,360	8,440	4,620	18,300	2,870	3,500	2,870	1,560
5	1,940	1,030	2,350	5,270	4,860	12,100	4,540	21,800	2,940	3,640	2,610	1,510
6	1,610	1,030	2,050	5,270	4,860	17,500	4,860	22,400	2,800	2,940	2,540	1,460
7	1,440	1,070	1,880	5,180	5,270	17,800	6,440	18,300	2,740	2,540	2,540	1,410
8	1,180	1,180	1,820	5,440	6,160	16,000	9,460	14,600	2,800	2,350	2,480	1,410
9	1,220	1,180	1,770	7,310	6,720	13,700	29,700	11,700	2,680	2,730	2,420	1,360
10	1,180	1,180	1,770	8,570	6,720	11,400	59,600	9,540	2,480	2,110	2,290	1,320
11	1,140	1,180	1,720	9,250	6,440	9,250	60,400	7,410	2,230	1,990	2,740	1,360
12	1,090	1,110	1,820	12,700	5,620	7,730	39,300	5,800	2,170	2,170	3,500	1,940
13	1,050	1,180	2,480	15,800	5,100	6,820	5,180	5,180	2,870	2,480	3,780	2,800
14	1,010	1,110	4,150	14,400	5,020	6,060	14,800	5,020	2,290	3,220	4,300	3,710
15	990	1,070	5,270	12,100	5,270	5,440	11,400	4,940	2,170	4,000	4,300	3,710
16	1,010	1,070	6,160	10,200	5,880	5,800	10,000	4,620	1,940	4,300	3,430	3,150
17	950	1,070	6,910	8,440	6,240	7,840	10,200	4,300	4,440	4,440	2,540	2,540
18	970	1,070	7,510	7,210	7,410	17,300	10,500	4,000	1,720	4,540	2,740	2,110
19	930	1,070	7,310	6,620	8,700	23,600	9,690	3,850	1,660	4,700	2,480	1,880
20	910	1,070	5,440	5,800	9,110	20,000	8,440	3,710	1,610	4,150	2,790	1,770
21	910	1,070	3,710	5,440	11,900	15,000	7,110	3,570	1,610	4,270	2,110	1,770
22	990	1,070	3,010	5,520	13,700	11,700	6,060	3,440	1,720	4,860	2,540	1,660
23	930	1,140	2,800	5,620	12,100	9,110	5,440	3,290	1,660	4,860	2,050	1,610
24	910	1,270	2,740	5,800	10,000	7,210	5,020	3,150	1,720	5,160	2,110	1,610
25	950	1,410	2,740	6,440	8,190	5,980	4,780	3,080	1,990	7,110	2,350	1,560
26	930	1,460	2,740	7,010	6,620	5,700	4,620	3,010	2,290	6,160	2,800	1,510
27	930	1,510	2,680	5,950	5,780	5,780	2,870	2,870	4,700	2,870	2,540	1,540
28	930	1,770	2,540	10,700	5,980	6,240	6,340	2,800	2,740	4,000	2,350	1,410
29	930	2,290	2,420	13,100	6,160	6,620	7,730	2,680	2,680	3,500	2,230	1,410
30	910	2,800	2,920	13,300	-----	6,910	14,100	2,610	2,420	3,640	2,050	1,410
31	950	-----	2,350	12,500	-----	7,310	-----	2,540	-----	3,710	1,940	-----
TOTAL	41,950	37,220	102,770	249,970	210,620	314,520	400,990	263,070	69,390	114,320	83,390	55,510
MEAN	1,353	1,241	3,315	8,064	7,263	10,150	13,370	8,486	2,313	3,688	2,707	1,740
MAX	4,220	2,800	7,510	15,800	13,700	23,600	60,400	22,400	2,940	7,110	4,300	3,710
MIN	910	910	1,720	3,080	4,860	5,440	4,540	2,540	1,610	1,990	1,940	1,320
CFSM	.47	.43	1.14	2.78	2.50	3.50	4.61	2.93	.80	1.27	.93	.64
IN.	.54	.48	1.32	3.21	2.70	4.03	5.14	3.37	.89	1.47	1.08	.71

CAL YR 1963 TOTAL 1,222,030 MEAN 3,348 MAX 28,400 MIN 910 CFSM 1.15 IN 15.67
WAT YR 1964 TOTAL 1,944,260 MEAN 5,312 MAX 60,400 MIN 910 CFSM 1.83 IN 24.97

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,410	2,540	3,920	12,100	4,380	5,440	9,340	3,580	2,110	2,870	3,660	1,500
2	1,510	2,540	3,970	9,110	4,000	5,180	8,050	3,790	1,880	2,610	3,610	1,540
3	2,230	2,480	3,820	5,920	5,270	6,820	5,820	2,570	2,570	2,540	2,960	1,940
4	3,010	2,420	3,570	5,440	4,000	5,620	5,760	2,870	1,770	2,420	2,660	2,060
5	5,880	2,420	3,570	5,020	3,920	5,700	5,620	2,740	1,770	2,800	2,110	2,440
6	9,110	2,350	4,000	4,700	3,780	5,520	6,150	2,680	1,600	3,150	1,920	2,490
7	16,000	2,350	4,000	4,700	3,780	5,520	6,150	2,680	1,600	3,150	1,920	2,490
8	27,400	2,290	4,080	4,220	5,700	5,100	7,320	2,480	1,900	4,460	2,330	1,900
9	21,200	2,290	3,850	4,000	6,910	4,940	7,750	2,420	2,740	4,000	4,400	1,730
10	14,400	2,290	3,640	3,850	7,950	4,620	7,800	2,350	3,150	4,080	4,310	1,600
11	9,390	2,290	3,290	3,780	8,310	4,410	7,610	2,350	3,010	4,620	3,990	1,600
12	5,440	2,230	3,080	3,710	7,950	4,560	6,580	2,420	3,520	5,120	4,370	1,560
13	3,640	2,230	3,150	3,710	7,410	5,420	5,540	2,290	4,140	4,900	4,150	1,790
14	3,220	2,230	3,430	3,570	7,110	6,350	5,190	2,230	5,040	3,980	3,300	1,720
15	3,360	2,290	3,430	3,430	7,730	6,740	4,970	2,170	6,180	3,680	7,810	1,660
16	3,850	2,290	3,290	3,360	8,310	6,470	4,630	2,050	7,320	3,430	2,560	1,610
17	4,700	2,290	3,080	3,430	9,840	5,910	4,410	1,990	7,730	3,180	2,320	1,550
18	5,800	2,290	2,940	3,570	11,900	5,960	4,330	1,940	8,350	3,000	2,320	1,510
19	6,530	2,290	2,870	3,570	11,900	6,860	4,080	1,880	9,000	2,710	2,090	1,530
20	7,010	2,350	2,870	3,430	14,600	8,490	3,930	1,880	8,370	2,430	1,920	1,550
21	7,010	2,540	3,150	3,290	15,300	11,600	4,370	1,870	5,740	2,190	1,850	1,490
22	6,240	2,740	3,850	3,150	12,300	11,800	4,960	1,990	3,780	2,080	1,780	1,440
23	4,540	2,740	4,080	3,150	9,690	10,200	4,740	1,990	3,080	1,950	1,740	1,390
24	3,500	2,680	3,920	3,500	7,950	8,730	4,080	1,990	2,740	1,880	1,690	1,440
25	3,150	2,940	5,360	4,780	6,620	7,920	3,670	2,050	2,610	1,930	1,650	1,840
26	2,940	3,570	7,840	5,980	6,160	8,190	3,490	2,110	2,610	2,060	1,630	1,580
27	2,800	4,220	10,200	6,720	6,240	9,150	3,500	2,170	2,870	1,980	1,570	1,450
28	2,740	4,660	24,000	7,310	5,980	9,620	3,720	2,170	2,870	2,040	1,670	1,420
29	2,680	4,220	34,500	7,620	-----	9,810	4,200	2,350	2,800	2,340	1,720	1,460
30	2,610	4,080	24,400	7,310	-----	10,600	4,120	2,350	2,870	2,780	1,750	1,490
31	2,610	-----	16,700	5,700	-----	10,300	-----	2,350	-----	3,420	1,600	-----
TOTAL	196,510	80,940	206,860	153,790	214,240	221,840	163,380	72,640	115,170	95,010	78,210	50,510
MEAN	6,339	2,698	6,673	4,961	7,651	7,156	5,446	2,343	3,839	3,065	2,523	1,684
MAX	27,400	4,460	34,500	12,100	15,300	11,800	9,440	3,580	9,000	5,120	4,400	2,490
MIN	1,410	2,230	2,870	3,150	3,780	4,410	3,490	1,820	1,600	1,980	1,740	1,390
CFSM	2.19	.93	2.30	1.71	2.64	2.47	1.88	.81	1.32	1.06	.87	.68
IN.	2.52	1.04	2.65	1.97	2.75	2.84	2.10	.93	1.48	1.22	1.00	.65

CAL YR 1964 TOTAL 2,246,630 MEAN 6,138 MAX 32,400 MIN 1,320 CFSM 2.32 IN 20.84
WAT YR 1965 TOTAL 1,649,100 MEAN 4,518 MAX 60,400 MIN 1,320 CFSM 1.36 IN 21.84

2-3499 Turkey Creek at Byromville, Ga

Location --Lat 32°12', long 83°54', on downstream side of bridge on State Highway 90, 0.5 mile south-east of Byromville, Dooley County, and 11 miles upstream from mouth

Drainage area --45 sq mi, approximately

Records available --October 1950 to May 1958 (annual maximum), June 1958 to September 1965

Gage --Digital water-stage recorder July 24, 1950, to June 19, 1958, crest-stage gage at site 50 ft upstream at same datum, and June 20, 1958, to Dec 3, 1964, graphic water-stage recorder at present site and datum

Average discharge --7 years (1958-65), 54.4 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (350 cfs, revised), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Apr 13, 1961	0300	* 624	10 14	June 24, 1963	1100	1,730	11 23	May 3, 1964	0800	681	10 13
Apr 16, 1961	0800	373	9 59	July 10, 1963	0300	* 1,970	11 38	July 22, 1964	0900	630	10 05
Jan 7, 1962	0400	* 556	10 02	Jan 9, 1964	2100	904	10 53	July 25, 1964	1200	681	10 13
Apr 1, 1962	1300	520	9 95	Jan 20, 1964	2300	525	9 98	Dec 5, 1964	1700	520	9 95
Apr 7, 1962	1900	398	9 66	Jan 26, 1964	0400	428	9 74	Dec 26, 1964	0700	* 2,020	11 41
Apr 13, 1962	0700	436	9 76	Feb 18, 1964	2300	* 1,150	10 80	Feb 18, 1965	1000	832	10 44
Feb 12, 1963	1000	696	10 52	Mar 4, 1964	1300	960	10 60	June 16, 1965	0700	496	9 90
				Apr 8, 1964	1800	660	10 20	July 12, 1965	2200	452	9 80

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Water year	Date	Discharge
1961	Oct 25, 26, 1960	4 9	1964	Oct 18, 1963	5 1
1962	Sept 22, 1962	3 1	1965	June 3, 1965	6 9
1963	May 26, 1963	3 3			

1950-65 Maximum discharge, 2,140 cfs Apr 5, 1960 (gage height, 11.49 ft)

1958-65 Minimum discharge, 3.1 cfs Sept 22, 1962

Remarks --Records good except those below 50 cfs, which are fair

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	7.7	7.7	7.2	11	10	46	287	65	16	27	5.7	36
2	6.8	6.8	7.2	11	10	83	212	89	14	20	5.5	24
3	6.2	6.4	7.5	8.6	11	71	149	82	12	16	5.3	15
4	5.7	6.4	7.5	7.9	11	56	106	60	11	14	9.0	11
5	5.7	6.4	7.5	7.5	10	50	84	49	9.8	13	11	9.1
6	5.5	6.2	7.5	7.2	11	44	75	43	8.6	11	12	9.3
7	7.7	6.2	7.7	7.5	37	41	78	39	7.7	28	23	12
8	7.7	6.8	7.7	7.2	28	40	70	33	7.5	29	32	10
9	7.2	6.4	11	7.2	18	40	73	36	7.0	21	76	8.6
10	7.2	6.6	7.5	6.6	15	34	104	71	7.0	16	30	7.7
11	6.7	6.8	13	7.2	14	30	91	66	6.8	16	16	7 2
12	6.2	7.0	11	7.0	13	29	314	65	7.7	36	12	7.0
13	6.0	6.8	8.6	8.6	12	28	496	58	7.9	28	12	7.0
14	6.4	6.8	8.2	22	11	29	275	48	7.5	22	19	10
15	6.0	6.6	11	13	11	27	232	39	12	19	11	14
16	6.0	7.0	13	11	11	24	357	33	17	14	8.4	11
17	5.5	7.2	9.6	9.3	10	23	297	27	13	13	7.0	8.6
18	5.3	7.5	8.6	8.6	12	31	202	23	13	15	6.6	7.5
19	5.5	7.7	8.4	12	39	41	150	22	11	13	6.0	7 0
20	9.1	7.7	7.9	18	37	38	121	20	13	11	6 6	7.0
21	7.5	7.5	14	12	27	67	101	17	4.7	17	7.5	6.4
22	6.6	7.7	11	9.8	22	70	87	16	61	15	6.4	6.2
23	6.4	7.9	9.1	9.3	36	55	77	35	30	15	6.2	5.7
24	6.4	8.8	8.8	9.3	44	44	69	66	19	11	12	5.5
25	5.5	7.9	8.8	11	55	38	62	43	15	8.8	17	5.3
26	5.3	7.9	8.6	16	56	34	62	44	21	7.7	16	5.5
27	5.7	7.7	8.6	21	43	32	119	46	82	7.2	12	9 1
28	5.7	7.7	8.2	16	40	32	136	36	88	9.8	9 8	7.7
29	5.5	7.9	7.9	14	-----	31	96	27	61	8.6	8 4	6.8
30	5.7	7.7	11	12	-----	28	70	22	40	7.5	7.5	6.6
31	6.8	-----	13	11	-----	168	-----	19	-----	6.4	10	-----
TOTAL	196.7	215.7	286.6	347.8	654	1,404	4,652	1,339	673.5	496.0	426.9	292.8
MEAN	6.35	7.19	9.25	11.2	23.4	45.3	155	43.2	22.5	16.0	13.8	9.76
MAX	9.1	8.8	14	22	56	168	496	89	88	36	76	36
MIN	5.3	6.2	7.2	6.6	10	23	62	16	6.8	6.4	5.3	5.3
CFSM	.14	.16	.21	.25	.52	1.01	3.45	.96	.50	.36	.31	.22
IN.	.16	.18	.24	.29	.54	1.16	3.84	1.11	.56	.41	.35	.24

CAL YR 1960 TOTAL 16,557.0 MEAN 45.2 MAX 1,570 MIN 4.7 CFSM 1.01 IN 13.68
WAT YR 1961 TOTAL 10,985.0 MEAN 30.1 MAX 496 MIN 5.3 CFSM .67 IN 9.08

APALACHICOLA RIVER BASIN

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2-3499 Turkey Creek at Byromville, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.4	6.0	6.6	39	68	87	470	35	9.8	7.9	9.6	4.4
2	6.2	6.0	6.6	44	63	131	319	30	16	7.0	7.0	4.4
3	6.2	6.2	6.8	32	58	207	204	26	26	7.0	6.0	4.5
4	6.0	6.4	6.6	27	55	220	156	23	12	8.8	5.1	4.9
5	5.7	6.4	7.2	26	53	178	131	22	12	8.6	5.7	6.0
6	5.3	6.8	8.4	284	52	141	146	20	17	7.2	5.3	4.5
7	5.3	7.0	8.6	424	46	117	328	19	14	6.8	4.5	7.3
8	5.5	6.0	7.5	193	43	103	347	17	9.8	7.5	5.1	11
9	5.1	5.7	7.2	128	43	94	292	16	8.4	8.8	4.5	7.2
10	5.3	6.2	8.4	98	43	92	206	14	8.4	7.0	4.4	5.7
11	5.3	6.0	19	84	40	114	166	14	22	6.2	4.4	5.1
12	5.3	6.0	39	75	38	182	253	14	24	5.7	4.2	4.5
13	4.9	6.0	113	67	38	177	394	12	16	5.7	4.4	4.5
14	5.1	6.2	82	62	40	137	258	11	12	6.4	11	4.7
15	4.9	6.0	74	67	38	139	182	11	10	6.6	8.4	4.9
16	5.1	6.2	84	74	67	146	146	10	8.4	6.2	7.7	4.5
17	5.1	6.6	65	63	84	116	122	9.1	7.2	5.7	6.6	4.7
18	5.1	6.2	55	56	58	95	107	8.6	6.6	6.2	6.2	6.2
19	5.5	6.2	54	64	143	86	96	8.2	6.2	5.7	5.7	4.5
20	5.3	6.2	43	73	198	80	85	7.5	24	7.0	5.3	4.0
21	5.5	6.0	36	62	154	80	74	7.5	27	6.0	5.1	3.5
22	5.7	6.2	33	56	159	75	67	6.4	16	5.7	5.5	3.5
23	5.5	14	31	54	171	68	63	6.6	11	5.5	6.2	3.8
24	5.5	15	30	61	160	63	58	6.4	10	5.1	5.7	3.8
25	5.7	8.6	27	63	149	64	57	6.2	12	6.4	6.0	4.0
26	5.7	7.7	25	56	122	105	63	6.0	8.8	9.1	7.2	6.0
27	5.3	7.5	24	60	105	91	53	5.7	8.4	6.6	7.2	6.6
28	5.5	7.5	22	105	94	50	57	5.7	11	6.6	6.2	4.9
29	5.7	7.0	24	108	-----	60	43	5.5	12	53	5.3	4.4
30	5.7	6.6	22	86	-----	56	39	5.5	9.8	26	4.7	4.7
31	6.4	-----	21	75	-----	140	-----	6.6	-----	15	4.4	-----
TOTAL	170.8	210.4	999.9	2,766	2,382	3,513	4,975	395.5	395.9	288.4	184.8	122.2
MEAN	5.51	6.81	32.3	89.2	76.8	113	166	12.6	13.2	9.2	5.7	5.7
MAX	6.4	15	113	424	198	220	470	35	27	53	11	11
MIN	4.9	5.7	6.6	26	38	56	39	5.5	6.2	5.1	4.7	3.5
CFSM	-12	-16	-72	1.98	1.89	2.52	3.69	-28	-29	-21	-13	-11
IN.	-14	-17	-83	2.29	1.97	2.90	4.11	-33	-33	-24	-15	-13

CAL YR 1961: TOTAL 11,667.1 MEAN 32.0 MAX 496 MIN 4.9 CFSM -71 IN 9.64
 WAT YR 1962: TOTAL 16,433.6 MEAN 45.0 MAX 470 MIN 3.5 CFSM 1.00 IN 13.58

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.8	4.4	6.6	7.9	39	72	22	31	10	71	64	7.7
2	16	4.4	6.4	7.2	34	74	21	16	7.7	56	42	11
3	7.5	4.5	6.2	7.2	44	68	20	11	6.6	52	31	9.6
4	6.2	4.5	6.2	6.8	46	62	19	9.1	6.0	49	25	7.9
5	5.5	4.5	6.4	6.6	38	60	17	7.9	5.3	35	21	7.2
6	4.9	4.5	6.6	6.8	35	69	18	6.8	5.1	28	19	6.8
7	4.5	4.9	7.2	7.0	33	76	7.2	7.3	7.6	16	16	6.6
8	4.5	5.3	7.9	7.0	31	61	41	40	8.2	100	14	6.6
9	4.4	18	8.6	6.6	28	54	29	40	6.8	316	13	6.4
10	4.2	9.6	7.2	6.6	26	52	24	17	6.0	1,110	12	5.7
11	4.0	6.8	6.8	8.1	212	50	21	12	5.3	294	11	5.7
12	4.4	6.4	6.6	35	744	48	26	9.3	6.0	163	10	5.5
13	4.4	7.2	5.7	22	324	51	29	8.2	4.7	97	9.6	5.5
14	4.4	6.6	6.2	14	198	54	21	7.9	4.2	70	14	16
15	4.4	6.2	6.8	11	146	48	17	7.7	4.0	59	11	27
16	4.5	6.4	7.9	9.3	115	44	15	7.7	3.8	50	9.8	11
17	4.4	6.8	7.2	9.3	99	42	14	6.4	13	46	9.3	8.6
18	4.2	7.5	6.8	14	87	43	13	5.3	104	224	9.3	8.2
19	3.8	7.5	6.4	20	120	41	11	4.5	134	128	8.6	7.2
20	4.0	8.8	6.6	107	164	40	11	4.2	134	69	8.6	6.8
21	5.5	15	7.5	167	122	37	9.8	4.0	94	128	11	6.6
22	11	20	6.8	115	94	32	9.1	4.2	80	117	10	6.8
23	6.2	8.4	7.0	73	78	30	8.4	4.0	184	67	9.1	6.2
24	4.9	7.0	6.4	60	97	29	6.8	3.6	1,020	62	8.7	5.7
25	4.5	6.8	7.9	48	140	28	7.0	3.6	452	115	7.5	5.5
26	4.4	6.4	8.2	43	115	31	7.5	3.6	244	91	7.0	5.5
27	4.4	6.4	7.5	40	94	38	7.5	4.2	188	85	7.2	6.0
28	4.4	6.4	7.0	36	78	32	7.9	6.0	156	63	7.5	19
29	4.4	7.0	16	31	-----	28	11	29	117	48	7.2	5.6
30	4.5	7.0	13	35	-----	26	25	40	92	48	11	18
31	4.5	-----	9.8	43	-----	23	-----	15	-----	54	9.6	-----
TOTAL	163.7	225.2	232.4	1,010.4	3,381	1,443	534.0	376.5	3,108.9	3,920	453.5	312.3
MEAN	5.28	7.51	7.50	32.6	121	46.5	17.8	12.1	104	126	14.6	10.4
MAX	16	20	16	167	744	76	45	40	1,020	1,110	64	56
MIN	3.8	4.4	5.7	6.6	26	23	6.8	3.6	3.8	26	7.0	5.5
CFSM	-12	-17	-17	-72	2.68	1.03	-40	-27	2.30	2.81	-33	-23
IN.	-14	-19	-19	-84	2.79	1.19	-44	-31	2.57	3.24	-37	-26

CAL YR 1962: TOTAL 15,673.8 MEAN 42.9 MAX 470 MIN 3.5 CFSM .95 IN 12.95
 WAT YR 1963: TOTAL 15,160.9 MEAN 41.5 MAX 1,110 MIN 3.6 CFSM .92 IN 12.53

APALACHICOLA RIVER BASIN

2-3499 Turkey Creek at Byromville, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	11	7.2	12	144	144	144	67	121	15	12	131	19
2	8.8	8.6	9.8	98	135	166	64	212	16	77	104	18
3	8.2	7.2	9.3	70	115	716	61	572	14	92	78	16
4	7.5	7.0	9.1	64	102	840	64	319	12	53	76	15
5	6.8	7.7	8.6	58	100	556	61	210	12	41	120	14
6	6.6	9.8	8.4	57	134	344	88	157	21	26	84	13
7	6.6	6.8	8.2	80	131	234	316	123	34	18	68	12
8	6.4	6.0	8.8	100	157	193	366	102	17	15	95	12
9	6.2	5.7	9.1	560	160	170	535	88	14	14	46	11
10	6.0	6.0	8.6	642	131	161	311	77	12	15	46	11
11	5.7	6.2	8.6	302	130	144	212	69	11	40	78	17
12	6.0	6.0	24	292	135	123	166	62	10	209	112	154
13	5.7	5.7	27	314	116	112	148	66	22	204	97	187
14	5.5	5.7	38	220	137	103	246	61	15	190	67	104
15	5.5	6.2	24	173	144	166	285	52	10	226	52	64
16	5.5	6.4	16	152	178	287	212	44	9.6	127	44	48
17	5.3	6.4	14	286	163	187	166	40	8.6	78	40	38
18	5.1	6.6	12	452	629	143	136	36	8.2	174	72	32
19	5.3	6.6	11	294	704	120	117	32	7.7	240	64	30
20	5.3	6.6	11	411	311	115	100	29	7.0	316	44	27
21	5.3	6.8	11	398	215	105	89	29	7.2	244	45	23
22	5.3	6.8	11	256	174	93	80	26	7.7	511	55	22
23	5.7	10	21	199	150	84	74	24	7.5	256	68	20
24	6.4	9.8	21	170	132	81	68	22	9.3	175	54	19
25	6.8	7.9	15	262	135	84	63	21	46	514	47	17
26	6.8	7.9	14	370	156	134	63	20	27	357	32	15
27	6.8	10	13	242	140	150	148	18	23	252	27	15
28	6.6	11	12	194	188	113	304	16	21	127	24	15
29	6.8	27	11	164	180	92	204	15	16	214	26	15
30	6.8	16	11	140	-----	80	141	14	12	140	27	15
31	6.8	-----	43	130	-----	71	-----	15	-----	112	23	-----
TOTAL	198.9	247.6	460.5	7,294	5,426	6,111	4,955	2,692	452.8	5,079	1,901	1,018
MEAN	6.42	8.25	14.9	235	187	197	165	84.8	15.1	164	61.5	33.8
MAX	11	27	43	642	704	840	535	572	46	514	131	187
MIN	5.1	5.7	8.2	57	100	71	61	14	7.0	12	23	11
CFSM	.14	.18	.33	5.23	4.16	4.38	3.67	1.93	.34	3.64	1.36	.75
IN.	.16	.20	.38	6.03	4.48	5.05	4.10	2.22	.37	4.20	1.57	.84

CAL YR 1963: TOTAL 15,446.6 MEAN 42.3 MAX 1,110 MIN 3.6 CFSM .94 IN 12.77
 MAT YR 1964: TOTAL 35,835.8 MEAN 97.9 MAX 840 MIN 5.1 CFSM 2.18 IN 29.62

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	14	25	30	144	59	107	102	22	7.9	25	42	19
2	14	25	28	130	79	125	86	20	7.9	27	79	47
3	18	24	29	119	77	136	81	16	8.4	22	67	137
4	7.8	24	111	110	64	116	87	17	8.9	20	37	64
5	159	23	436	100	58	106	99	16	8.2	20	28	40
6	88	23	364	96	68	99	86	15	8.4	71	27	32
7	58	23	206	94	159	95	72	13	28	86	113	26
8	46	23	148	89	146	94	72	13	28	55	64	21
9	36	22	116	84	114	87	68	13	59	35	67	19
10	32	22	95	85	101	82	61	13	34	25	46	20
11	27	22	85	89	94	78	58	11	25	20	39	28
12	24	23	85	80	96	121	55	11	44	167	116	24
13	22	24	106	78	171	252	50	11	36	314	181	22
14	26	24	98	74	232	180	43	10	27	100	115	19
15	73	24	80	70	246	138	40	9.2	181	72	77	17
16	111	24	70	75	192	118	44	9.5	412	58	99	16
17	92	23	65	72	384	107	37	9.2	285	41	69	15
18	65	23	63	66	736	132	32	8.9	181	32	48	15
19	52	23	58	63	404	130	31	8.9	124	28	38	19
20	43	39	59	64	258	170	38	8.9	90	23	33	19
21	39	42	91	63	201	159	35	9.8	67	20	29	16
22	36	29	79	59	172	124	33	15	51	18	25	16
23	35	25	68	61	149	113	30	12	40	16	23	19
24	32	37	63	120	142	112	27	11	34	16	20	27
25	30	60	667	115	168	106	25	10	43	15	17	80
26	31	61	1,520	89	144	99	28	17	39	14	15	42
27	29	42	555	80	121	104	33	11	44	14	18	26
28	28	40	316	69	112	101	42	11	40	18	85	26
29	27	42	222	63	-----	94	32	12	36	91	67	33
30	27	35	164	64	-----	85	25	10	27	123	30	34
31	26	-----	163	66	-----	92	-----	8.9	-----	55	22	-----
TOTAL	1,418	896	6,260	2,631	4,947	3,664	1,555	386.3	2,007.7	1,641	1,736	938
MEAN	45.7	29.9	202	84.9	177	118	51.8	12.5	66.9	52.4	56.0	31.3
MAX	159	61	1,520	144	736	252	102	22	412	314	181	137
MIN	14	22	58	59	58	78	25	8.9	7.9	14	15	15
CFSM	1.02	.66	4.49	1.89	3.93	2.63	1.15	.28	1.49	1.18	1.24	.69
IN.	1.17	.74	5.17	2.17	4.09	3.03	1.29	.32	1.66	1.36	1.43	.78

CAL YR 1964: TOTAL 28,096.8 MEAN 119.9 MAX 1,520 MIN 7.9 CFSM 1.91 IN 25.27

2-3506 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

Records available --October 1951 to September 1965

Gage --Digital water-stage recorder Datum of gage is 337.7 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department) Prior to July 22, 1964, graphic water-stage recorder at same site and datum

Average discharge --14 years, 209 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (900 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	1300	1,350	6 54	Apr 8, 1962	1600	1,550	6 40	May 4, 1964	0100	2,440	7 21
Feb 24, 1961	1400	2,120	7 17	Apr 13, 1962	1900	1,480	6 47	Sept 13, 1964	1200	1,790	6 77
Apr 1, 1961	1900	* 4,700	8 41								
Apr 13, 1961	1100	2,120	7 17	Jan 22, 1963	0100	* 1,780	6 88	Oct 6, 1964	0800	2,120	6 87
Apr 28, 1961	1200	1,020	6 19					Dec 26, 1964	1900	* 4,040	7 77
May 3, 1961	1500	940	6 09	Jan 10, 1964	1300	1,710	6 69	Feb 8, 1965	1300	1,050	6 05
				Feb 19, 1964	1900	1,590	6 58	Feb 18, 1965	2400	2,080	6 83
Jan 7, 1962	-	1,180	6 35	Mar 4, 1964	1500	1,400	6 47	Mar 14, 1965	0200	1,410	6 37
Feb 20, 1962	1700	1,350	6 55	Apr 9, 1964	2400	* 2,520	7 26	Mar 19, 1965	1000	1,000	6 00
Mar 13, 1962	0500	1,300	6 50	Apr 15, 1964	2100	1,500	6 33				
Apr 2, 1962	0200	* 1,520	6 62	Apr 28, 1964	2300	1,060	6 12				

Annual minimum discharge, water years 1961-65					
Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 29, 30, 1961	56	1964	Oct 16, 1963	52
1962	Sept 2, 1962	40	1965	Aug 27, 1965	80
1963	June 17, 1963	26			

1961-65 Maximum discharge, 6,000 cfs May 4, 1953 (gage height, 8.80 ft), minimum, 19 cfs Sept 22, 1966
Maximum stage known since at least 1900, 11.4 ft in January 1943, from information by Georgia State Highway Department

Remarks --Records fair

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	435	101	132	220	159	368	3,220	312	142	132	69	273
2	205	102	117	180	154	435	1,940	332	132	112	66	205
3	132	95	112	160	154	488	790	738	122	96	63	142
4	116	90	112	140	170	420	525	630	112	93	63	112
5	107	89	112	130	164	322	435	380	106	87	83	106
6	103	90	115	130	176	283	420	283	100	85	89	187
7	121	90	115	160	274	274	420	258	95	84	96	199
8	137	88	117	159	312	274	420	236	92	92	154	142
9	132	90	116	150	266	283	368	223	89	112	258	109
10	114	95	113	140	199	292	405	266	88	99	312	95
11	104	104	132	130	170	250	525	322	86	99	187	92
12	98	110	159	140	159	229	805	392	81	236	114	90
13	95	104	148	165	148	223	1,710	420	93	332	95	86
14	94	102	124	240	148	223	1,060	332	92	344	86	87
15	94	101	126	220	142	217	655	250	104	274	89	104
16	93	101	154	190	137	211	585	217	142	181	89	111
17	90	104	154	164	137	205	730	193	154	148	81	91
18	87	108	130	148	142	258	608	176	142	132	75	78
19	86	109	120	148	258	292	420	164	127	117	70	75
20	89	107	120	187	405	266	355	159	174	291	66	75
21	94	102	130	199	1,080	236	322	148	355	372	64	76
22	91	104	130	170	730	223	302	142	420	258	64	73
23	90	111	130	148	608	211	292	148	392	170	65	69
24	89	132	120	148	1,730	193	274	205	258	137	86	67
25	86	137	120	164	1,160	181	266	312	205	117	154	66
26	84	127	120	211	680	176	250	368	211	99	181	64
27	84	124	120	292	345	176	322	368	250	92	159	62
28	87	123	130	292	420	193	860	368	250	87	127	60
29	87	126	130	242	-----	193	630	242	199	82	103	58
30	87	127	120	193	-----	187	420	187	159	78	91	56
31	90	-----	170	170	-----	654	-----	159	-----	73	112	-----
TOTAL	3,501	3,193	3,948	5,516	10,827	8,436	20,334	8,930	4,972	4,711	3,411	3,060
MEAN	113	106	127	178	347	272	678	288	166	152	110	102
MAX	435	137	170	292	1,730	654	3,220	738	420	372	312	273
MIN	84	88	112	130	137	176	250	142	81	73	63	56
CFSM	.57	.54	.65	.90	1.96	1.38	3.44	1.46	.84	.77	.56	.52
IN.	.66	.60	.75	1.04	2.04	1.59	3.84	1.69	.94	.89	.64	.58

CAL YR 1960: TOTAL 83,603 MEAN 228 MAX 3,220 MIN 58 CFSM 1:12 IN 12.78
WAT YR 1961: TOTAL 80,839 MEAN 221 MAX 3,220 MIN 58 CFSM 1:12 IN 12.78

APALACHICOLA RIVER BASIN

2-3506 Kinchafoonee Creek at Preston, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	58	76	99	240	229	312	915	435	193	73	87	44
2	60	76	99	200	211	420	1,300	266	164	66	75	42
3	60	76	102	180	205	545	705	217	142	62	70	42
4	61	76	102	150	199	608	452	199	127	84	63	48
5	62	78	102	150	187	452	380	181	106	85	59	50
6	60	81	114	340	187	344	380	170	100	94	56	47
7	58	84	164	1,000	181	302	525	164	95	88	62	52
8	58	86	176	700	170	274	1,180	159	89	94	76	58
9	59	82	137	480	170	266	940	148	92	89	85	64
10	60	80	142	312	170	283	655	137	120	70	72	61
11	60	79	302	258	164	344	470	132	164	60	58	56
12	58	84	344	242	159	572	592	126	170	56	52	52
13	56	86	488	229	159	1,110	1,210	122	170	61	48	72
14	56	91	565	217	159	680	1,060	113	236	67	83	79
15	56	115	565	217	159	525	630	107	148	75	99	105
16	55	132	452	242	242	470	452	102	108	120	95	148
17	56	142	405	236	368	452	392	99	92	164	74	176
18	58	148	380	217	470	368	355	94	87	159	63	124
19	59	120	344	223	505	312	332	91	96	176	56	90
20	59	102	312	266	1,020	292	312	90	119	137	50	76
21	59	94	236	292	860	292	283	85	109	124	49	64
22	60	91	199	250	565	292	266	82	111	106	70	56
23	64	137	181	223	488	312	258	78	92	81	66	53
24	64	193	187	242	470	292	250	74	81	67	59	52
25	66	187	176	302	420	274	250	72	79	65	56	55
26	66	142	164	312	380	322	236	70	84	91	66	64
27	65	112	159	258	322	392	236	68	84	111	73	101
28	64	105	176	322	292	355	242	65	87	93	73	109
29	66	104	180	355	-----	274	355	62	93	99	65	87
30	72	102	140	344	-----	250	505	64	82	120	58	69
31	75	-----	150	266	-----	360	-----	164	-----	117	50	-----
TOTAL	1,890	3,161	7,342	9,265	9,111	12,346	16,118	4,036	3,520	2,954	2,068	2,196
MEAN	61.0	105	237	299	325	398	537	130	117	95.3	66.7	73.7
MAX	75	193	565	1,000	1,020	1,110	1,300	435	236	176	99	176
MIN	55	76	99	150	159	159	250	62	56	68	47	42
CFSM	.31	.53	1.20	1.52	1.65	2.02	2.73	.66	.60	.48	.34	.37
IN.	.36	.60	1.49	1.75	1.72	2.33	3.04	.76	.66	.56	.39	.41
CAL YR 1961	TOTAL 82,590			MEAN 226		MAX 3,220	MIN 55	CFSM 1.15	IN 15.59			
WAT YR 1962	TOTAL 74,007			MEAN 203		MAX 1,300	MIN 42	CFSM 1.03	IN 13.97			

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	65	76	125	170	312	193	137	199	108	124	106	64
2	132	75	119	137	283	199	132	181	77	96	93	105
3	193	73	111	127	250	199	127	114	63	85	80	71
4	164	75	108	123	258	187	127	92	54	79	69	60
5	132	75	109	120	258	187	123	82	50	72	64	54
6	102	73	112	120	223	123	123	81	48	62	60	50
7	84	73	111	122	205	274	224	112	48	55	56	50
8	76	78	114	124	199	274	322	117	45	64	57	48
9	76	148	126	121	187	211	274	90	42	83	58	46
10	76	199	127	117	181	187	181	74	39	122	52	47
11	69	181	117	129	256	181	159	67	36	137	52	40
12	66	127	111	302	420	181	170	64	33	92	56	39
13	64	111	109	380	505	181	199	58	31	70	55	38
14	64	106	109	420	405	187	205	62	30	60	214	44
15	62	104	110	312	258	187	159	73	28	64	368	77
16	62	100	120	205	223	181	132	78	27	117	230	77
17	66	97	137	170	205	176	119	66	51	132	137	64
18	62	102	142	205	199	176	113	58	125	355	332	58
19	60	115	125	302	242	181	107	52	170	236	317	57
20	58	132	116	608	292	199	102	56	205	223	210	48
21	62	159	113	1,040	302	217	101	70	193	407	124	46
22	114	223	122	1,460	236	193	98	72	236	404	100	46
23	137	250	162	760	205	159	62	62	211	205	92	45
24	102	205	142	452	217	148	87	55	242	159	92	40
25	80	137	164	332	258	148	82	52	266	317	79	37
26	69	122	211	292	274	154	82	48	159	397	66	36
27	71	116	199	266	229	193	82	49	258	312	60	44
28	71	112	159	250	199	211	81	39	392	176	60	158
29	69	114	170	229	-----	176	102	149	322	127	67	420
30	70	121	229	229	-----	154	164	292	170	112	64	488
31	75	-----	223	274	-----	142	-----	221	-----	94	68	-----
TOTAL	2,453	3,679	4,232	9,898	7,281	5,859	4,206	2,995	3,759	5,028	3,528	2,487
MEAN	85.6	123	137	319	260	189	140	96.6	125	162	114	82.9
MAX	193	250	229	1,460	505	274	322	292	392	404	368	488
MIN	58	73	108	117	181	142	81	48	27	55	52	36
CFSM	.43	.69	.69	1.67	1.32	.96	.71	.49	.64	.82	.58	.42
IN.	.50	.62	.80	1.87	1.37	1.11	.79	.57	.71	.95	.67	.47
CAL YR 1962	TOTAL 72,178			MEAN 198		MAX 1,300	MIN 42	CFSM 1.00	IN 13.63			
WAT YR 1963	TOTAL 55,605			MEAN 152		MAX 1,460	MIN 27	CFSM .77	IN 10.50			

2-3506 Kinchafonee Creek at Preston, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	322	64	283	505	302	452	242	332	132	98	145	87
2	159	79	176	655	322	392	229	470	154	107	166	87
3	116	94	137	655	312	730	229	1,350	176	148	145	178
4	95	86	127	344	274	1,350	229	1,710	137	223	117	278
5	84	82	118	266	266	1,300	229	825	115	205	102	207
6	75	91	112	242	355	1,060	258	525	177	154	126	124
7	68	104	109	312	505	790	470	392	193	113	279	103
8	66	96	111	458	545	565	1,260	332	242	95	249	94
9	64	86	132	980	435	470	1,360	302	181	88	150	87
10	62	84	127	1,520	392	452	1,560	274	137	89	126	82
11	60	84	114	1,110	322	452	730	258	115	137	164	94
12	58	84	188	705	332	435	488	250	110	193	332	511
13	58	80	283	505	332	368	392	266	115	283	525	1,400
14	56	76	420	435	344	332	630	332	124	258	525	980
15	54	76	525	344	452	332	1,060	302	99	205	452	452
16	52	76	545	302	565	355	1,020	242	89	176	221	256
17	53	78	344	470	435	355	655	217	84	142	176	211
18	54	82	211	730	695	322	452	199	80	192	211	188
19	54	82	181	940	1,200	292	368	187	78	302	201	171
20	53	84	170	825	1,110	302	332	181	75	292	155	166
21	54	84	159	655	630	312	302	181	73	283	140	159
22	54	85	154	565	452	302	283	181	73	262	185	150
23	55	101	164	405	380	274	274	170	76	257	333	144
24	58	142	199	332	344	258	266	159	97	211	276	140
25	62	137	199	470	355	274	250	159	103	199	199	131
26	66	112	164	655	435	322	242	159	115	242	155	118
27	75	213	154	680	505	344	404	148	154	251	127	117
28	70	217	142	470	488	368	760	132	205	170	112	121
29	66	292	137	355	505	302	860	122	181	150	105	127
30	62	332	312	312	312	312	502	118	152	152	99	125
31	60	-----	213	292	-----	242	-----	125	-----	172	94	-----
TOTAL	2,345	3,383	6,230	17,494	13,589	14,370	16,339	10,601	3,758	5,844	6,387	7,083
MEAN	75.6	113	201	564	469	464	545	342	125	189	206	236
MAX	322	332	545	1,520	1,200	1,350	1,560	1,710	242	302	525	1,400
MIN	52	64	109	242	242	229	229	119	73	88	94	82
CFSM	.38	.57	1.02	2.86	2.38	2.35	2.76	1.74	.64	.96	1.05	1.20
IN.	.44	.64	1.18	3.30	2.57	2.71	3.08	2.00	.71	1.10	1.21	1.34

CAL YR 1963: TOTAL 56,999
WAT YR 1964: TOTAL 107,423MEAN 156
MEAN 294MAX 1,460
MAX 1,710MIN 27
MIN 52CFSM .79
CFSM 1.49IN 10.76
IN 20.28

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	170	200	262	444	265	385	418	217	110	117	176	90
2	187	197	227	418	298	447	403	192	101	106	161	104
3	170	196	218	410	319	544	380	172	97	105	186	156
4	520	196	296	400	308	540	380	158	125	111	164	208
5	1,570	195	429	383	275	415	438	147	208	155	127	176
6	1,920	194	462	356	314	370	512	133	222	231	122	127
7	1,040	190	352	348	662	348	415	116	175	269	130	110
8	548	188	277	342	952	328	360	132	155	279	180	100
9	360	188	248	334	656	310	352	128	175	239	319	91
10	312	186	236	330	432	296	338	176	208	181	291	119
11	284	183	231	338	370	282	326	140	230	143	192	175
12	263	180	248	330	360	356	314	122	354	157	301	166
13	246	181	287	310	410	714	301	118	393	326	350	124
14	255	194	303	301	540	1,120	287	114	279	299	344	106
15	352	191	267	299	609	600	270	109	292	236	284	99
16	480	187	234	298	618	447	263	104	492	231	170	96
17	564	183	225	296	864	413	263	103	627	204	150	94
18	429	182	234	291	1,760	572	257	102	453	154	132	94
19	312	180	246	280	1,640	928	240	98	270	122	124	114
20	263	234	255	275	888	700	260	97	208	110	121	108
21	263	292	282	274	596	618	270	96	172	121	116	98
22	305	287	323	272	500	528	257	97	154	111	110	96
23	282	222	292	282	453	444	242	99	141	103	103	91
24	255	246	263	368	444	447	228	98	131	102	96	92
25	233	360	1,050	459	532	453	215	96	130	112	90	113
26	200	429	3,030	426	536	429	220	131	154	112	85	108
27	199	423	2,420	338	456	450	234	185	174	103	82	99
28	199	321	1,260	314	395	627	252	144	158	130	92	102
29	197	308	728	284	-----	568	358	185	161	167	145	118
30	200	308	548	270	-----	465	310	179	174	260	117	137
31	203	-----	474	274	-----	429	-----	139	-----	221	96	-----
TOTAL	12,781	7,021	16,207	10,344	16,452	15,573	9,363	4,087	6,653	5,307	5,156	3,513
MEAN	412	234	523	334	588	502	312	132	277	171	166	117
MAX	1,920	429	3,030	459	1,760	1,120	512	217	627	326	350	208
MIN	170	180	218	270	265	282	215	96	97	102	82	90
CFSM	2.09	1.19	2.65	1.69	2.98	2.55	1.58	.67	1.13	.87	.84	.59
IN.	2.41	1.33	3.06	1.95	3.11	2.94	1.77	.77	1.26	1.00	.97	.66

CAL YR 1964: TOTAL 131,474
WAT YR 1965: TOTAL 112,457MEAN 359
MEAN 308MAX 3,030
MAX 3,030MIN 73
MIN 82CFSM 1.82
CFSM 1.56IN 24.82
IN 21.23

2-3525 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, at mile 103.4

Drainage area --5,310 sq mi, approximately

Records available --February 1897 to September 1901 (gage heights only), October 1901 to June 1921, September 1929 to September 1965 Monthly discharge only for some periods, published in WSP 1304 Gage-height records collected at site 1 mile downstream since 1893 are contained in reports of U S Weather Bureau

Gage --Digital water-stage recorder Datum of gage is 150.03 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 Prior to Jan. 1, 1902, staff gage at site 1 mile downstream at datum 1.3 ft lower Jan. 1, 1902, to Apr. 19, 1904, staff gage and Apr. 20, 1904, to June 30, 1921, chain gage, at site 1 mile downstream at datum 2.0 ft lower Sept. 7, 1929, to Oct. 4, 1960, graphic water-stage recorder at present site and datum

Average discharge --55 years (1901-20, 1929-65), 6,315 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Mar 3, 1961	48,000	29.0	Sept 28, 29, 1961	725	-
1962	Mar 17, 1962	29,700	21.8	Oct 25, 1961	615	-
1963	Jan 26, 1963	29,300	21.6	Sept 2, 1963	700	-
1964	Apr 14, 1964	58,600	31.1	Oct 23, 1963	685	-
1965	Dec 31, 1964	37,200	25.6	Aug 30, 1965	1,430	-

1901-21, 1929-65 Maximum discharge, 64,800 cfs Jan. 22, 1943 (gage height, 31.6 ft), minimum daily, 327 cfs Aug. 24, 1930

Maximum stage known since at least 1893, 37.84 ft Jan. 21, 1925, from floodmark, present site and datum (discharge, 92,000 cfs, from rating curve extended above 60,000 cfs)

Flood of Mar. 25, 1897, reached a stage of 32.4 ft, from records furnished by U S Weather Bureau (discharge, 72,800 cfs)

Flood of Mar. 20, 1929 reached a stage of 34.4 ft, from records furnished by U S Weather Bureau (discharge, 78,800 cfs)

Remarks --Records good Flow regulated by powerplants at Flint River Reservoir since 1921 (capacity, 7,500 acre-ft), and Warwick Reservoir since 1930 (capacity, about 35,000 acre-ft) Normal operation at powerplants does not materially affect figures of monthly runoff

Revisions (water years) --WSP 1504 1902, 1913(M), 1916-17, 1919-21, 1930(m), 1934(m), drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	2,650	1,550	2,350	4,390	2,840	36,000	15,300	10,100	5,230	4,390	5,060
2	4,720	1,510	2,160	4,070	3,460	43,300	17,900	13,400	5,230	5,230	4,890
3	3,940	1,640	2,480	2,980	4,720	47,600	21,900	13,100	4,550	4,550	7,600
4	6,480	1,640	3,680	3,760	4,390	41,000	25,900	11,700	4,390	4,890	4,390
5	5,580	2,180	2,070	3,760	3,180	35,400	30,300	10,900	4,230	4,070	1,120
6	3,610	2,980	1,770	3,460	3,910	28,600	33,600	11,600	4,720	4,720	980
7	3,040	1,770	1,820	3,180	3,110	20,100	29,900	13,400	6,120	4,550	800
8	3,610	1,640	1,840	4,230	4,070	12,600	20,000	11,400	4,140	2,770	950
9	3,250	1,680	1,770	3,760	3,610	9,750	15,200	5,940	1,590	4,070	1,510
10	1,870	1,590	2,240	2,980	3,610	9,070	13,400	8,530	2,240	3,680	4,010
11	1,870	1,590	3,540	2,840	3,910	7,240	12,200	5,580	1,850	2,530	5,060
12	2,070	2,240	2,020	2,290	4,720	11,700	12,200	7,240	3,610	2,020	8,670
13	3,110	3,250	2,070	2,290	4,230	13,000	17,200	7,810	2,910	2,810	5,580
14	2,590	1,870	2,120	3,180	2,840	13,100	19,800	8,350	2,980	3,040	5,940
15	2,780	1,640	2,410	3,910	3,040	10,800	21,000	8,170	2,780	3,760	4,390
16	3,180	1,820	2,290	4,070	2,780	8,170	26,700	8,170	2,650	4,890	4,550
17	1,550	1,680	2,410	2,840	2,650	6,300	31,400	9,410	2,180	4,720	3,910
18	1,720	1,870	3,390	2,530	3,760	6,670	28,400	7,810	3,760	5,060	2,590
19	1,590	2,190	2,240	2,650	4,070	5,760	24,200	5,400	3,110	4,890	2,130
20	1,790	3,250	1,920	2,910	4,390	7,430	21,400	5,060	2,290	5,400	4,070
21	1,970	1,470	1,970	3,390	6,240	9,410	19,400	4,550	2,350	4,890	2,720
22	2,910	1,720	2,910	4,890	13,700	6,480	15,900	5,090	4,230	4,390	7,120
23	2,910	1,590	2,590	4,550	12,600	6,300	15,100	3,670	5,400	4,390	3,740
24	1,820	1,690	2,590	2,780	17,600	7,240	6,860	4,720	6,300	4,390	2,060
25	1,820	3,460	2,350	2,590	22,000	5,940	7,600	4,720	8,710	3,540	1,970
26	2,350	2,090	3,390	3,390	27,700	4,720	7,430	6,300	7,620	3,180	2,470
27	2,350	3,180	3,390	3,540	31,000	4,720	7,810	11,200	8,890	2,840	3,760
28	2,020	1,970	1,590	3,110	31,000	5,760	7,810	6,350	10,100	2,780	5,940
29	2,020	1,680	2,650	3,760	-----	4,890	10,400	6,300	9,920	2,840	8,890
30	3,040	1,820	2,410	4,390	-----	4,390	10,300	5,230	9,740	4,070	2,470
31	1,390	-----	2,410	3,390	-----	8,530	-----	8,350	-----	4,550	9,580
TOTAL MEAN	87,600	60,255	74,640	105,860	235,130	441,970	546,510	251,550	143,320	123,500	119,710
MAX	2,826	2,008	2,408	3,415	8,398	14,260	18,220	8,115	4,777	3,984	3,862
MIN	6,480	3,460	3,680	4,890	31,000	47,600	33,600	13,400	10,100	5,400	9,580
CFSM	1,390	1,470	1,590	2,290	2,650	4,390	6,860	3,670	1,590	2,020	800
IN.	.53	.38	.45	.64	1.58	2.68	3.43	1.53	.90	.75	.73
IN.	.61	.42	.52	.74	1.65	3.10	3.83	1.76	1.00	.86	.84

CAL YR 1960: TOTAL 2,379,920 MEAN 6,503 MAX 56,000 MIN 1,390 CFSM 1.22 IN 16.67
WAT YR 1961: TOTAL 2,280,472 MEAN 6,248 MAX 47,600 MIN 725 CFSM 1.18 IN 15.97

APALACHICOLA RIVER BASIN

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2-3525 Flint River at Albany, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,520	670	2,440	5,140	10,400	22,400	17,000	7,340	1,190	4,370	3,340	2,090
2	2,580	2,320	2,350	4,940	8,570	20,400	16,000	6,610	3,330	5,460	2,670	3,000
3	714	1,870	3,530	3,380	9,880	19,600	17,000	7,420	4,080	5,180	2,900	3,570
4	664	676	2,950	4,000	6,800	16,600	20,000	5,970	2,950	4,490	2,630	886
5	668	2,510	1,510	5,450	6,600	14,700	22,000	5,940	1,560	4,050	3,780	1,250
6	660	2,130	1,470	6,800	6,050	9,540	23,000	4,100	3,960	3,030	4,060	1,320
7	663	692	1,840	11,900	5,880	13,400	23,000	4,810	3,900	2,820	1,630	1,410
8	2,690	1,160	1,820	15,500	5,490	11,400	22,000	4,990	2,870	4,390	1,270	1,650
9	2,040	1,160	2,590	17,600	4,700	9,040	20,000	4,980	2,320	3,870	1,240	2,610
10	788	1,830	3,700	15,400	4,470	7,150	19,000	5,010	3,200	2,700	1,440	3,380
11	653	1,910	3,520	15,900	4,640	8,930	19,800	5,120	3,460	2,670	1,530	1,970
12	675	3,420	3,320	15,100	4,670	16,350	22,300	2,920	2,510	2,690	1,610	2,220
13	1,520	1,950	4,840	15,100	4,310	12,700	19,700	4,070	4,390	2,640	2,910	1,570
14	1,860	680	6,210	7,050	4,590	13,400	21,500	3,980	4,520	2,450	1,340	1,710
15	3,230	680	11,000	7,480	4,570	18,800	19,100	2,610	3,490	2,400	1,050	1,490
16	1,950	621	14,400	6,460	4,700	23,400	20,100	1,730	4,930	2,000	1,100	918
17	679	1,000	15,200	5,900	4,670	28,450	22,300	2,740	2,590	2,450	1,490	1,450
18	554	2,850	13,800	5,890	4,470	27,500	25,500	2,350	3,920	2,760	3,270	2,450
19	633	3,560	16,000	5,560	9,880	19,300	19,800	3,710	2,800	2,880	4,580	1,950
20	635	2,180	19,100	5,560	12,300	13,300	15,900	4,330	2,180	2,600	3,340	2,140
21	1,680	825	14,500	6,060	8,790	13,100	13,600	3,960	2,280	2,200	1,400	2,380
22	3,160	703	15,300	7,130	10,500	9,920	6,450	2,510	2,590	2,450	1,490	1,450
23	1,780	2,720	14,700	10,800	14,200	5,760	8,360	2,300	3,580	2,270	1,330	3,460
24	764	2,970	13,500	10,300	11,800	7,810	5,670	1,720	4,510	1,220	1,410	2,850
25	615	2,460	10,900	12,100	13,700	8,530	7,830	2,790	4,050	1,450	1,590	841
26	720	3,770	7,980	12,800	15,700	6,120	5,920	3,090	2,870	1,410	909	882
27	1,640	3,370	6,510	9,930	21,100	8,890	7,400	2,840	3,780	1,210	2,530	1,010
28	1,750	1,140	5,330	13,400	22,900	9,000	6,580	3,690	3,010	2,180	835	1,750
29	2,940	3,280	5,640	10,500	-----	10,000	6,050	1,540	1,670	2,650	1,630	2,600
30	1,890	3,190	3,970	5,940	-----	11,000	8,000	792	2,530	3,360	1,280	3,760
31	699	-----	4,110	7,600	-----	14,000	-----	806	-----	2,100	1,590	-----
TOTAL	45,114	59,147	233,230	286,670	245,660	420,940	477,460	115,378	97,060	86,494	64,494	59,480
MEAN	1,455	1,972	7,524	9,247	8,777	13,580	15,220	3,722	3,233	2,859	2,080	1,983
MAX	3,520	3,770	19,100	22,900	28,400	25,500	25,500	7,420	4,930	5,460	4,580	3,760
MIN	615	621	1,470	3,380	4,310	5,760	5,670	792	1,190	1,210	835	841
CFSM	.27	.37	1.42	1.74	1.65	2.56	3.00	.70	.61	.54	.39	.37
IN.	.32	.41	1.63	2.01	1.72	2.95	3.34	.81	.68	.62	.45	.42

CAL YR 1961: TOTAL 2,395,473 MEAN 6,563 MAX 47,400 MIN 615 CFSM 1.24 IN 19.78

MAY YR 1962: TOTAL 2,193,273 MEAN 6,009 MAX 28,400 MIN 615 CFSM 1.13 IN 19.38

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,620	837	3,560	3,710	5,700	8,160	7,430	6,990	7,700	7,450	3,960	1,450
2	1,640	830	2,400	4,900	9,170	5,950	5,470	5,160	6,990	10,600	4,190	700
3	2,200	1,910	3,130	5,160	8,010	5,390	4,850	8,460	6,330	8,960	4,560	1,020
4	2,490	2,240	1,330	3,440	9,170	6,370	4,990	12,900	7,860	9,780	5,420	1,970
5	3,080	902	1,730	3,210	9,280	7,640	5,120	13,500	4,580	6,190	4,590	1,550
6	2,680	896	3,170	4,570	9,090	6,250	4,970	13,900	4,020	5,220	2,610	1,830
7	4,210	886	3,120	3,910	5,800	6,450	4,960	14,300	2,250	5,380	2,030	1,600
8	3,430	841	2,840	1,350	10,900	8,210	4,950	6,920	2,260	4,560	1,270	2,180
9	1,460	2,650	2,130	2,820	7,500	11,100	4,880	5,870	2,270	2,300	1,580	1,110
10	1,060	2,940	3,760	2,460	5,240	9,960	4,690	4,960	2,130	3,750	1,910	1,040
11	1,350	3,490	2,180	3,260	6,750	9,180	6,080	4,710	2,050	6,810	2,780	1,570
12	1,530	3,470	1,790	3,470	13,000	11,600	5,400	5,230	1,500	6,350	4,080	1,560
13	2,460	1,420	2,310	4,670	15,500	12,800	5,400	3,840	825	5,780	1,830	1,490
14	3,620	1,530	3,020	5,580	14,100	11,700	4,640	4,150	1,370	4,580	1,400	1,720
15	2,730	2,030	2,890	8,230	14,300	6,620	4,370	1,900	1,040	3,940	1,570	1,400
16	938	2,180	1,950	8,140	15,100	8,020	4,890	1,770	2,150	2,180	1,710	1,230
17	926	2,090	1,960	5,780	13,100	10,800	4,740	2,060	3,040	2,190	1,690	1,260
18	857	2,810	1,780	7,790	6,950	9,910	3,490	2,140	1,660	2,630	2,690	1,990
19	871	2,820	2,400	5,990	7,920	15,300	2,530	3,780	2,590	3,640	4,160	2,110
20	1,090	1,260	2,960	8,440	8,280	16,600	2,580	4,150	4,290	4,380	1,840	2,420
21	3,110	2,380	1,980	13,600	9,840	13,600	4,090	6,770	4,190	6,860	1,930	1,900
22	2,340	3,140	2,970	18,400	10,900	7,810	3,180	4,000	6,030	4,450	1,860	2,440
23	930	4,020	2,830	20,000	8,370	7,390	2,310	2,610	5,200	4,240	2,180	835
24	792	3,200	3,380	21,900	10,700	6,040	2,360	2,050	12,900	6,740	3,430	849
25	1,400	5,350	2,640	23,800	10,500	4,560	2,780	1,940	7,240	7,780	4,090	1,040
26	2,120	6,590	3,660	27,900	9,740	6,400	2,840	3,530	14,400	8,500	4,030	1,110
27	2,190	5,330	1,380	28,900	10,700	5,440	2,870	3,090	14,100	8,610	1,680	1,720
28	3,050	6,610	3,350	21,900	7,670	5,990	3,980	1,840	13,000	5,690	1,560	2,030
29	3,260	6,670	4,300	9,810	-----	6,240	5,210	2,710	8,010	7,780	1,420	5,000
30	1,880	4,760	5,580	8,860	-----	10,100	1,960	3,560	10,800	6,310	1,880	3,700
31	889	-----	4,300	7,120	-----	8,310	-----	5,270	-----	3,850	1,750	-----
TOTAL	63,203	86,282	86,780	299,120	273,300	269,790	127,910	162,040	162,775	177,480	81,680	51,824
MEAN	2,039	2,876	2,799	9,649	9,761	8,703	4,264	5,227	5,426	5,725	2,635	1,727
MAX	4,210	6,670	5,580	28,900	15,100	16,600	14,400	14,400	10,600	14,400	5,420	5,000
MIN	792	830	1,330	1,350	5,240	4,560	1,960	1,770	825	2,180	1,270	700
CFSM	.38	.54	.53	1.82	1.84	1.64	.80	.98	1.02	1.08	.50	.33
IN.	.44	.60	.61	2.09	1.91	1.89	.90	1.13	1.14	1.24	.57	.36

CAL YR 1962: TOTAL 2,092,047 MEAN 5,732 MAX 28,900 MIN 792 CFSM 1.08 IN 14.65

MAY YR 1963: TOTAL 1,642,184 MEAN 5,047 MAX 28,900 MIN 706 CFSM .95 IN 12.90

2-3525 Flint River at Albany, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,350	1,040	3,560	9,850	19,800	14,100	9,800	16,700	4,210	4,330	7,230	4,230
2	5,670	1,060	4,840	5,280	18,700	14,700	11,500	23,700	3,280	3,880	6,490	2,780
3	5,870	946	4,710	10,100	14,100	21,500	10,700	28,100	3,790	2,810	6,180	2,710
4	5,470	1,760	4,960	8,980	9,580	29,800	9,580	31,800	3,610	4,650	5,620	2,350
5	4,980	1,410	4,150	10,500	7,430	31,800	7,380	32,100	3,400	5,040	4,730	2,170
6	4,600	991	3,020	8,950	10,700	31,400	6,750	30,200	4,090	5,410	5,700	2,710
7	3,110	958	2,680	11,500	10,400	28,200	11,900	30,200	5,630	5,760	6,820	4,110
8	1,530	982	3,240	12,400	12,600	28,500	15,600	30,100	4,120	4,510	7,170	2,600
9	1,130	1,970	4,190	15,800	12,500	28,200	17,900	26,500	4,810	3,160	7,050	2,200
10	1,100	2,860	1,990	24,500	12,700	26,300	23,600	21,600	4,330	3,310	5,800	2,260
11	1,560	2,310	1,250	30,200	14,300	23,000	30,300	12,300	3,750	2,890	5,270	3,480
12	4,600	1,450	2,070	30,700	13,400	17,300	43,300	8,840	4,170	7,590	10,100	3,420
13	2,690	970	4,160	28,100	10,500	13,900	54,400	10,200	3,610	7,470	14,200	4,660
14	1,650	1,570	6,140	27,900	11,800	13,100	57,800	9,040	3,790	5,760	12,400	6,180
15	1,190	1,560	9,480	27,100	10,900	12,700	44,100	8,010	5,210	6,770	12,200	9,130
16	1,710	1,820	6,000	25,000	11,400	13,800	30,900	6,550	3,670	7,630	10,100	9,370
17	1,700	2,200	5,930	22,700	11,500	13,700	23,500	7,020	3,330	9,000	8,300	8,900
18	1,630	3,440	8,010	22,000	17,000	15,300	18,000	6,380	3,260	7,110	7,840	7,360
19	1,510	1,820	12,300	20,700	22,800	16,900	18,300	4,730	2,470	13,900	7,350	5,410
20	1,910	987	9,250	19,900	29,200	21,900	14,600	6,070	2,360	17,300	6,880	5,660
21	2,580	1,150	7,220	20,400	27,800	26,100	15,200	5,640	3,480	15,500	6,770	5,110
22	938	1,110	5,840	20,800	22,600	26,400	13,500	5,980	4,210	11,100	5,880	3,330
23	685	1,480	4,360	19,500	22,000	21,200	10,200	5,570	2,270	10,100	6,460	3,340
24	772	2,600	4,230	18,200	22,300	16,300	7,950	4,850	1,910	13,200	5,760	3,220
25	1,170	3,320	3,070	16,800	19,500	11,700	7,970	4,340	1,880	10,900	4,980	3,080
26	1,630	1,480	5,780	17,600	13,900	7,790	7,670	4,360	2,350	14,800	5,140	2,740
27	1,927	1,600	16,700	18,700	12,600	8,080	4,260	3,900	14,600	5,410	2,680	
28	2,920	2,900	3,030	18,200	14,500	11,000	12,700	3,750	4,670	12,800	5,860	2,880
29	1,630	3,640	5,040	15,000	15,900	11,100	13,100	2,990	4,210	9,410	4,930	3,270
30	923	3,090	4,330	19,200	-----	8,260	15,800	1,960	3,720	8,390	5,180	2,070
31	835	-----	3,510	19,800	-----	11,500	-----	2,950	-----	7,270	5,250	-----
TOTAL	73,963	54,474	154,010	576,360	453,610	580,050	571,880	396,790	109,490	256,350	218,250	123,360
MEAN	2,386	1,816	4,968	18,590	15,640	18,710	19,060	12,800	3,650	8,269	7,073	4,112
MAX	5,870	3,640	12,300	30,700	29,200	31,800	57,800	32,100	5,630	17,300	14,200	9,370
MIN	685	946	1,250	5,280	7,430	7,790	6,750	1,960	1,880	2,810	4,740	2,070
CFSM	.45	.36	3.45	3.50	3.52	3.59	3.59	2.41	.69	1.56	1.33	.77
IN.	.52	.38	1.08	4.04	3.18	4.06	4.01	2.78	.77	1.80	1.54	.86

CAL YR 1963: TOTAL 1,888,366 MEAN 5,174 MAX 28,900 MIN 685 CFSM .97 IN 13.23
 WAT YR 1964: TOTAL 3,569,587 MEAN 9,753 MAX 57,800 MIN 685 CFSM 1.84 IN 25.00

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,400	2,990	7,290	34,400	10,900	13,300	17,900	5,340	3,350	6,060	5,080	3,040
2	2,220	4,080	6,080	28,000	5,750	11,600	17,100	5,050	3,360	5,900	5,900	2,780
3	2,750	2,630	4,850	19,800	7,400	9,410	15,500	5,980	3,330	4,410	5,840	3,320
4	4,430	4,140	7,820	14,100	7,440	10,600	14,400	5,570	2,880	7,130	5,570	3,760
5	7,100	4,110	10,500	7,390	7,240	12,700	11,100	5,500	2,910	6,970	3,510	4,230
6	9,120	3,940	8,670	9,170	7,280	12,200	8,430	4,040	3,640	5,630	4,180	2,980
7	14,100	3,740	11,700	9,490	12,400	14,500	12,300	2,510	4,230	3,610	3,350	4,070
8	20,600	4,750	11,900	7,630	9,290	14,000	11,800	3,030	2,700	10,700	4,010	3,390
9	22,500	2,640	10,200	9,250	10,800	11,600	12,000	4,070	2,660	8,480	6,000	3,460
10	28,100	2,200	8,840	7,560	11,700	9,580	12,800	4,320	3,190	7,320	6,010	3,540
11	28,800	3,600	7,220	5,580	13,900	9,750	13,100	3,390	5,350	7,770	9,070	3,180
12	20,800	5,090	7,260	6,890	14,900	7,990	9,740	3,270	5,610	7,990	5,940	3,250
13	11,700	4,380	7,410	7,890	19,600	10,600	11,700	3,390	6,150	12,400	8,080	2,180
14	7,570	3,520	7,120	6,770	19,700	9,410	8,960	3,310	5,680	13,200	7,750	2,240
15	6,950	4,650	7,510	6,850	19,200	14,800	6,790	3,510	11,800	11,200	7,190	2,650
16	6,030	4,590	7,210	6,760	19,200	14,500	6,510	3,900	17,300	6,260	5,720	2,390
17	8,080	3,470	6,480	8,140	18,900	13,900	9,460	4,010	17,500	5,980	7,040	2,650
18	8,360	3,580	6,040	5,000	23,400	13,100	5,370	3,050	18,700	7,000	2,790	2,410
19	7,190	3,780	6,470	5,350	29,900	13,000	5,990	3,040	15,000	6,200	2,650	1,590
20	8,910	4,210	5,970	6,840	31,400	14,700	7,890	2,910	15,600	3,170	2,650	2,240
21	11,900	5,280	6,140	6,110	28,600	16,400	6,570	2,780	9,480	5,080	2,980	2,670
22	9,740	5,740	6,560	6,300	25,700	18,300	6,410	2,500	11,500	4,790	4,070	2,320
23	8,920	4,960	6,860	5,000	24,000	20,600	7,740	3,760	4,300	4,830	2,780	2,450
24	8,860	4,170	5,640	10,900	21,900	19,400	8,180	4,160	4,790	4,760	2,720	2,710
25	6,810	4,280	10,700	6,920	17,600	17,200	6,600	2,110	5,680	6,480	2,530	2,870
26	5,550	6,260	15,900	10,000	14,500	14,500	5,200	2,130	6,460	5,320	2,720	4,450
27	5,280	5,950	25,300	12,800	8,710	14,100	6,750	3,110	6,370	2,380	2,780	3,700
28	5,430	6,920	32,600	9,730	12,800	16,400	6,420	3,510	5,530	2,260	2,780	2,450
29	5,850	9,860	30,400	12,200	-----	19,000	6,990	3,490	5,360	2,270	2,020	3,410
30	5,370	6,650	33,000	12,200	-----	19,100	6,380	4,340	3,670	2,490	1,430	2,530
31	2,930	-----	36,600	12,600	-----	18,400	-----	3,910	-----	4,790	2,530	-----
TOTAL	304,150	136,160	365,400	317,650	454,110	434,640	286,080	114,990	214,170	191,950	139,720	88,700
MEAN	9,811	4,393	11,790	10,215	14,649	14,034	9,232	3,710	6,941	6,192	4,507	2,987
MAX	28,800	9,860	36,600	34,400	31,400	20,600	17,900	5,980	18,700	13,200	9,070	4,450
MIN	2,220	2,200	4,850	5,000	5,750	7,990	5,200	2,110	2,660	2,260	1,430	1,590
CFSM	1.85	.85	2.22	1.93	3.05	2.64	1.80	.70	1.34	1.17	.85	.56
IN.	2.13	.95	2.56	2.22	3.18	3.04	2.00	.81	1.50	1.34	.98	.62

CAL YR 1964: TOTAL 4,092,850 MEAN 11,180 MAX 57,800 MIN 1,880 CFSM 2.11 IN 28.67
 WAT YR 1965: TOTAL 3,047,720 MEAN 8,350 MAX 36,600 MIN 1,430 CFSM 1.57 IN 21.34

2-3530 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 Coolewahee Creek and at mile 72.4

Drainage area --5,740 sq mi, approximately

Records available --April 1938 to September 1950 (monthly discharge only for some periods, published in WSP 1304), October 1956 to September 1965

Gage --Water-stage recorder Datum of gage is 110.20 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers) Prior to Nov 12, 1956, wire-weight gage at same site and datum

Average discharge --21 years, 7,280 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Mar 4, 1961	45,700	27.7	Sept 30, 1961	1,480	-
1962	Mar 19, 1962	26,500	a 20.4	Nov 17, 1961	1,210	-
1963	Jan 28, 1963	26,700	20.5	Nov 8, 1962	1,350	-
				Sept 5, 1963		
1964	Apr 15, 1964	53,400	30.2	Oct 24, 25, 1963	1,020	-
1965	Jan 2, 1965	57,900	25.1	Aug 31, 1965	2,270	-

a From floodmark

1938-50, 1956-65 Maximum discharge, 59,600 cfs Mar 28, 1944 (gage height, 31.7 ft), minimum, 790 cfs Oct 20, Nov 10, 1940

Maximum stage known since at least 1893, 41.3 ft Jan 21, 1925, from floodmarks (discharge, 94,000 cfs)

Remarks --Records good except those for periods of no gage-height record, which are fair. Flow regulated by powerplants at Flint River Reservoir since 1921 (capacity, 7,500 acre-ft), and at Warwick Reservoir since 1930 (capacity, about 35,000 acre-ft). Normal operation of powerplants does not materially affect figures of monthly runoff

Revisions (water years) --WSP 1724 1943

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,100	1,880	2,530	3,480	3,590	28,700	13,000	11,000	7,360	7,620	5,480	8,160
2	4,500	2,190	3,080	4,600	3,380	32,200	15,000	12,000	6,540	5,480	5,600	6,280
3	5,600	2,030	2,530	3,910	4,480	39,400	18,400	13,600	5,740	6,410	4,720	4,880
4	6,410	2,110	3,800	3,800	4,980	45,100	21,100	13,100	5,600	5,870	2,900	5,270
5	6,540	2,110	3,480	4,240	4,130	44,800	24,200	12,200	5,350	5,100	2,110	5,480
6	5,100	3,180	2,530	4,020	4,130	40,300	27,100	11,700	5,350	5,350	2,270	4,980
7	3,910	2,800	2,440	3,800	4,130	32,500	30,500	13,100	6,000	6,000	1,960	3,910
8	4,360	2,270	2,440	4,130	4,020	22,800	30,100	12,600	6,820	4,130	1,910	3,800
9	4,240	2,190	2,360	4,480	4,240	13,800	21,900	9,460	3,480	4,600	2,270	4,480
10	3,180	2,190	2,360	3,800	4,240	12,300	16,800	9,020	2,900	4,980	2,710	5,740
11	2,530	2,110	3,480	3,480	4,130	8,300	14,000	8,160	3,180	4,240	5,480	4,720
12	2,530	2,110	3,280	3,180	4,850	11,200	12,800	8,160	3,910	3,380	5,600	3,800
13	3,080	3,280	2,710	3,080	4,850	13,100	15,400	8,300	4,240	3,180	6,540	3,910
14	3,700	2,900	2,620	3,080	4,130	13,500	18,200	8,880	3,800	3,800	6,280	3,800
15	2,900	2,360	2,900	4,020	3,590	12,800	20,400	9,170	4,020	3,910	6,280	3,380
16	3,700	2,190	2,900	4,240	3,700	11,500	23,400	9,170	3,800	5,480	4,980	2,530
17	2,990	2,270	2,800	3,910	3,280	6,950	27,700	9,170	3,180	5,220	5,100	3,480
18	2,270	2,190	3,700	3,180	3,700	8,300	30,800	9,460	3,700	5,220	4,240	4,130
19	2,270	2,270	3,180	3,280	4,360	8,300	30,500	7,490	4,600	6,000	3,080	3,280
20	2,190	3,380	2,710	3,280	4,480	7,620	27,300	6,680	3,590	5,740	4,020	2,900
21	2,360	2,990	2,710	3,480	5,100	9,020	23,800	6,000	3,380	6,280	4,360	2,620
22	2,800	2,030	2,800	4,480	9,600	8,880	20,400	6,410	3,910	4,720	3,080	2,900
23	3,590	2,360	3,380	4,980	11,800	7,760	17,500	4,980	5,740	5,870	2,990	2,620
24	2,900	2,110	3,080	4,130	13,300	7,620	12,500	5,740	6,140	4,980	2,900	3,380
25	2,270	3,180	2,990	3,180	17,500	7,620	11,200	5,600	7,620	4,720	2,990	4,360
26	2,620	3,080	3,180	3,590	21,100	6,540	8,590	6,680	8,030	4,240	3,080	4,020
27	2,800	3,380	4,020	3,910	24,600	6,000	9,600	9,600	8,740	4,020	3,800	2,900
28	2,800	3,080	3,180	3,800	26,900	6,000	9,600	9,750	9,460	3,700	4,720	1,760
29	2,360	2,440	2,530	3,800	-----	6,820	9,910	8,030	10,100	3,590	7,760	1,540
30	2,990	2,360	3,180	4,480	-----	5,480	11,700	7,490	9,170	4,130	8,160	1,640
31	2,990	-----	2,990	4,360	-----	5,870	-----	7,760	-----	4,850	8,440	-----
TOTAL	105,580	75,020	91,870	119,180	212,290	491,080	573,400	280,460	165,650	152,810	135,710	116,950
MEAN	3,406	2,501	2,964	3,845	7,582	15,840	19,110	9,047	5,322	4,929	4,378	3,895
MAX	6,540	3,380	4,020	4,980	26,900	45,100	30,800	13,600	10,100	7,620	8,440	8,160
MIN	2,190	1,880	2,360	3,080	3,280	5,480	8,590	4,980	2,900	3,180	1,810	1,540
CFSM	.59	.44	.52	.67	1.32	2.76	3.33	1.58	.96	.86	.76	.68
IN.	.68	.49	.60	.77	1.38	3.18	3.72	1.82	1.07	.99	.88	.76
CAL YR 1960	TOTAL 2,656,050			MEAN 7,257		MAX 51,700	MIN 1,880	CFSM 1.26	IN 17.21			
WAT YR 1961	TOTAL 2,519,600			MEAN 6,903		MAX 45,100	MIN 1,540	CFSM 1.20	IN 16.32			

2-3530 Flint River at Newton, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	3,700	1,420	3,080	5,220	9,750	21,700	13,300	8,160	1,780	3,910	3,080
2	4,020	1,360	2,800	6,280	9,750	21,700	16,800	8,740	2,530	5,100	3,590
3	2,270	3,180	3,480	4,850	9,170	20,400	15,400	8,740	4,130	5,870	3,180
4	1,540	1,840	3,910	4,240	8,160	18,900	15,700	7,620	4,480	5,100	3,590
5	1,450	1,570	2,900	5,350	7,760	16,000	19,500	6,280	2,990	4,720	3,380
6	1,420	3,180	2,190	5,740	6,820	13,300	21,100	6,540	2,620	4,480	4,360
7	1,390	2,030	2,190	9,600	6,820	12,300	21,700	5,480	5,350	3,080	3,590
8	1,480	1,360	2,270	12,200	6,540	13,100	22,100	5,870	3,480	4,360	2,030
9	3,590	1,810	2,440	15,900	6,140	10,700	21,500	6,000	3,380	4,850	2,030
10	2,110	1,670	3,480	15,400	5,220	9,460	20,000	5,870	3,280	3,700	1,810
11	1,480	2,270	4,020	14,800	5,350	8,880	20,400	6,280	4,130	3,380	2,190
12	1,360	2,990	3,800	15,000	5,350	9,170	19,300	4,600	3,700	3,280	1,960
13	1,420	3,590	4,130	14,600	5,100	9,210	19,100	4,720	3,800	3,280	2,440
14	2,110	1,640	5,000	11,800	5,220	12,600	20,000	4,850	5,350	3,280	2,800
15	2,900	1,390	7,900	8,030	5,220	14,300	21,300	4,360	3,910	2,990	1,880
16	3,480	1,330	11,400	7,360	5,350	19,500	19,600	3,700	5,100	3,080	1,670
17	1,800	1,300	14,000	7,220	5,350	22,500	21,000	3,700	5,120	2,800	1,480
18	1,420	2,620	11,700	6,820	5,100	25,100	23,600	3,080	5,100	3,480	3,280
19	1,360	3,590	14,000	6,410	6,410	25,900	24,200	3,590	3,700	3,380	4,360
20	1,300	3,700	16,200	6,410	11,800	18,200	20,000	4,720	3,590	3,280	4,360
21	1,300	2,110	15,900	6,410	9,750	14,600	16,000	4,850	2,990	3,280	3,080
22	2,710	1,480	14,300	6,950	10,100	12,300	12,000	4,240	3,180	2,710	2,030
23	3,380	1,600	14,800	8,880	12,200	8,440	8,880	3,180	3,380	3,180	2,190
24	1,960	3,480	13,500	10,200	12,600	7,900	8,880	2,900	4,720	2,710	2,030
25	1,450	2,710	12,300	10,900	13,000	9,170	8,030	2,900	4,600	1,960	1,880
26	1,300	3,700	10,200	12,000	13,300	8,880	8,440	3,910	4,130	2,030	2,110
27	1,600	4,020	8,030	11,400	16,900	8,590	7,760	3,480	3,800	2,110	1,500
28	1,840	2,900	7,080	11,800	20,200	8,740	8,030	4,020	3,910	2,030	2,360
29	2,620	2,360	6,410	11,500	-----	8,740	8,300	3,800	3,180	2,710	2,540
30	3,380	3,910	5,740	9,750	-----	10,100	8,740	2,110	2,710	3,800	1,670
31	1,960	-----	4,980	6,820	-----	10,600	-----	1,740	-----	3,280	1,810
TOTAL	65,180	72,110	234,730	289,840	244,430	431,680	490,760	148,770	114,100	107,200	80,810
MEAN	2,103	2,404	7,572	9,350	8,730	13,930	16,360	4,799	3,803	3,458	2,607
MAX	4,020	4,020	16,200	15,900	20,200	25,900	24,200	8,740	5,350	5,870	4,360
MIN	1,300	1,300	2,800	4,240	5,100	7,900	7,760	2,900	1,780	1,760	1,500
CFSM	.37	.42	1.32	1.63	1.52	2.43	2.85	.84	.66	.60	.45
IN-	.42	.47	1.52	1.88	1.58	2.80	3.18	.96	.74	.69	.52

CAL YR 1961- TOTAL 2,619,150 MEAN 7,137 MAX 25,100 CFSM 1.22 IN 16:22
WAT YR 1962- TOTAL 2,349,410 MEAN 6,439 MAX 25,900 MIN 1,300 CFSM 1.22 IN 16:22

Note --No gage-height record Mar 12-19

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	3,800	1,480	4,240	4,130	7,760	8,740	8,160	4,130	6,680	8,740	4,480
2	2,530	1,420	3,280	4,480	8,740	8,440	7,760	6,540	6,680	9,020	4,720
3	2,710	1,420	3,590	5,350	9,020	6,280	5,870	6,540	6,950	10,100	4,720
4	2,800	2,800	2,900	4,480	10,400	6,680	5,870	9,460	7,220	9,740	5,160
5	3,080	2,030	1,810	3,380	8,880	7,900	5,870	11,700	6,680	8,030	5,350
6	3,480	1,450	2,900	4,480	9,600	7,360	5,870	12,800	5,220	6,950	4,130
7	3,380	1,420	3,480	4,720	8,440	7,080	5,870	13,500	3,480	6,140	3,280
8	4,130	1,360	3,480	3,380	8,590	7,490	5,740	10,600	3,180	5,480	2,620
9	3,080	1,600	2,800	3,380	5,400	7,760	7,080	3,080	3,080	1,760	2,030
10	1,960	3,380	3,380	3,080	7,360	10,200	5,600	6,680	2,990	3,280	2,530
11	1,740	3,180	3,380	3,380	5,870	9,910	5,740	5,480	2,710	5,740	2,710
12	1,810	3,080	2,360	3,800	11,000	10,200	6,680	6,280	2,800	7,360	4,360
13	2,190	2,990	2,530	4,020	13,100	11,700	8,140	4,600	1,960	6,410	3,180
14	3,380	1,740	3,080	5,220	13,600	12,300	5,480	5,220	1,670	5,350	2,530
15	3,800	2,110	3,280	6,410	14,300	9,910	5,220	3,910	1,960	5,220	2,030
16	2,530	2,440	2,710	7,490	14,800	8,300	5,350	2,710	1,840	3,700	2,360
17	1,510	2,800	2,110	7,360	13,500	9,170	5,600	2,800	3,180	3,180	2,360
18	1,540	2,440	2,530	6,000	11,500	11,000	4,980	2,990	2,990	3,180	2,360
19	1,420	3,480	2,030	7,900	7,760	11,800	3,700	3,480	2,360	3,800	2,440
20	1,480	2,530	3,080	6,410	9,170	16,000	3,380	4,360	3,800	4,240	2,710
21	2,190	1,740	2,710	10,200	9,910	14,600	5,350	4,980	4,360	6,000	2,620
22	3,280	3,280	2,800	14,300	10,400	10,700	4,600	5,100	5,350	6,000	2,440
23	2,110	3,700	3,180	17,800	10,600	9,170	3,280	3,700	5,870	4,720	2,620
24	1,480	3,590	3,480	18,900	9,910	7,900	3,180	3,180	8,610	5,480	3,180
25	1,360	4,360	2,900	21,000	10,900	6,280	3,280	2,710	8,740	7,220	4,020
26	2,190	6,000	3,700	22,800	10,200	6,410	3,480	3,080	10,600	8,160	4,000
27	2,360	6,140	3,380	25,300	10,700	7,360	3,380	4,020	12,800	8,160	3,380
28	2,900	5,480	2,110	26,500	9,320	6,280	4,020	3,080	12,500	7,760	2,270
29	3,480	6,820	4,130	19,300	-----	7,080	4,000	2,800	10,600	6,540	2,190
30	3,180	6,410	4,720	11,500	-----	8,880	4,850	3,590	9,750	7,360	3,080
31	1,570	-----	5,350	9,600	-----	8,740	-----	4,480	-----	5,740	2,360
TOTAL	78,450	93,430	97,110	294,860	284,930	283,960	154,640	171,580	166,610	193,100	100,880
MEAN	2,531	3,114	3,133	9,512	10,180	9,160	5,155	5,535	5,554	6,229	3,254
MAX	4,130	6,820	5,350	26,500	14,800	16,000	8,160	13,500	12,800	10,100	5,740
MIN	1,360	1,810	2,190	5,470	6,280	3,180	2,710	1,670	1,960	1,760	1,500
CFSM	.44	.54	.55	1.66	1.77	1.60	.90	.96	.97	1.09	.57
IN-	.51	.61	.63	1.91	1.85	1.84	1.00	1.11	1.08	1.25	.65

CAL YR 1962- TOTAL 2,266,380 MEAN 8,134 MAX 25,900 CFSM 1.07 IN 14:55
WAT YR 1963- TOTAL 2,250,520 MEAN 7,287 MAX 26,500 MIN 1,360 CFSM .95 IN 12:86

Note --No gage-height record Oct 1 to Nov 1

APALACHICOLA RIVER BASIN

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2-3530 Flint River at Newton, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,590	1,180	3,380	6,410	20,200	16,900	12,000	16,200	5,100	4,850	9,020	5,870
2	5,100	1,360	4,240	8,030	20,000	15,400	11,400	19,500	5,100	5,220	8,590	5,100
3	5,740	1,300	4,720	7,220	18,400	18,200	11,800	24,900	4,480	4,740	7,900	3,800
4	5,870	1,270	4,850	9,020	13,500	24,200	11,200	29,100	4,980	4,130	7,760	3,910
5	5,220	2,110	4,720	9,020	9,910	28,400	9,910	32,000	4,600	5,870	6,410	3,480
6	5,100	1,480	4,130	9,460	10,600	32,200	8,030	33,400	4,720	6,000	6,950	3,280
7	4,480	1,270	3,280	9,460	11,800	33,100	10,700	32,800	5,600	6,140	7,620	4,360
8	3,080	1,240	3,080	11,200	12,300	31,600	13,600	32,000	6,280	6,280	8,030	4,600
9	1,880	1,270	4,020	12,300	13,300	30,800	16,400	31,600	5,350	4,850	8,300	3,380
10	1,600	2,620	4,020	18,200	13,500	30,100	19,500	29,300	5,720	4,020	7,620	3,280
11	1,540	2,990	2,030	23,000	14,000	28,900	23,200	23,400	5,100	4,480	6,410	3,800
12	2,700	2,440	2,030	26,700	14,300	25,500	27,500	13,000	4,600	4,850	7,760	4,720
13	4,480	1,480	3,280	29,100	13,000	18,900	35,200	12,200	4,980	9,020	12,600	4,850
14	2,900	1,270	4,720	29,300	11,800	15,700	46,000	11,700	4,130	6,410	13,000	6,280
15	1,810	2,030	7,900	28,900	12,000	14,800	52,400	10,600	5,600	6,950	12,600	7,900
16	1,600	1,510	7,200	28,300	11,800	15,000	50,500	9,460	5,100	7,490	11,700	9,320
17	2,110	2,270	5,600	26,700	12,200	15,200	41,200	8,590	4,240	8,590	9,910	9,320
18	1,960	2,710	7,220	24,900	13,800	15,500	29,900	9,320	4,130	8,030	9,170	8,740
19	1,960	3,480	9,600	24,000	19,100	16,800	21,900	6,280	4,020	10,200	8,740	7,220
20	1,810	1,600	9,320	22,300	23,200	18,700	20,200	8,440	3,380	14,500	8,160	6,680
21	2,800	1,330	8,590	21,500	26,700	22,500	16,400	6,820	3,280	16,400	8,160	6,680
22	2,360	1,480	6,540	21,500	27,500	25,300	16,200	7,620	5,480	14,000	7,220	5,600
23	1,330	1,360	6,280	21,700	24,800	25,900	13,800	7,220	3,910	11,200	7,620	4,240
24	1,090	1,880	6,410	20,600	23,400	22,300	11,200	7,220	3,180	12,000	7,460	4,400
25	1,180	3,280	4,020	28,700	22,800	16,600	9,910	6,000	2,990	12,300	6,540	4,240
26	1,450	2,990	4,360	18,000	20,600	11,500	9,750	5,870	3,080	13,000	6,410	3,910
27	1,960	1,780	5,220	18,700	14,800	12,300	9,460	5,740	4,020	15,000	6,540	4,200
28	2,360	2,160	7,620	19,300	16,000	13,900	12,900	4,480	4,720	17,360	6,680	3,900
29	3,080	3,900	4,240	18,400	16,900	12,300	13,600	4,720	5,870	12,200	6,540	4,400
30	1,540	3,590	5,740	16,800	-----	11,700	15,200	4,360	4,480	10,400	6,140	4,020
31	1,300	-----	4,020	20,000	-----	10,600	-----	3,180	-----	9,750	6,280	-----
TOTAL	84,980	60,320	158,140	588,720	482,410	630,400	600,260	458,020	137,720	273,170	254,010	155,580
MEAN	2,742	2,017	5,030	18,991	15,562	20,339	19,376	14,775	4,281	8,512	8,194	5,186
MAX	5,870	3,590	9,600	29,300	27,500	33,100	52,400	33,400	6,280	16,400	13,000	9,320
MIN	1,090	1,180	2,030	6,410	9,910	10,600	8,030	3,180	2,990	4,020	6,140	3,280
CFSM	.48	.35	.89	3.31	2.90	3.54	3.49	2.57	.80	1.54	1.43	.90
IN.	.55	.39	1.02	3.81	3.13	4.08	3.89	2.97	.89	1.77	1.65	1.01

CAL YR 1963: TOTAL 2,019,170 MEAN 5,532 MAX 26,500 MIN 1,090 CFSM .96 IN 13.08
WAT YR 1964: TOTAL 3,883,930 MEAN 10,610 MAX 52,400 MIN 1,090 CFSM 1.85 IN 25.16

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,990	3,700	7,760	36,700	12,600	14,500	19,500	7,360	4,130	5,870	5,480	3,280
2	3,480	5,100	7,620	37,000	13,200	15,200	20,900	6,820	4,240	7,360	6,680	3,900
3	3,180	4,480	6,410	31,600	7,760	16,400	17,700	6,280	4,020	5,870	6,680	4,130
4	4,360	4,360	6,410	31,600	8,740	16,600	16,200	7,270	3,910	7,360	6,680	3,910
5	6,280	5,220	10,600	14,600	8,590	14,600	14,500	6,950	3,910	7,360	5,600	5,350
6	8,030	5,100	9,170	10,200	8,440	13,300	11,700	5,740	3,700	7,760	4,720	4,130
7	9,910	4,720	10,200	11,500	10,900	13,100	12,000	4,850	5,100	5,600	5,100	4,600
8	16,600	5,220	11,800	10,900	11,500	11,400	13,100	4,130	3,910	7,490	4,360	4,600
9	19,300	5,220	11,200	9,910	12,300	13,600	12,600	4,360	3,590	9,910	6,280	4,360
10	21,700	3,280	9,910	10,600	13,100	11,400	13,300	5,870	3,590	8,590	6,680	4,480
11	24,900	3,700	9,020	8,300	13,600	11,200	13,600	4,850	4,600	8,440	7,900	4,360
12	26,100	5,350	8,160	7,900	14,300	10,600	13,000	4,600	6,140	8,160	7,900	4,130
13	19,800	5,740	8,440	9,320	16,800	10,400	11,400	4,480	6,410	10,700	8,030	3,800
14	11,400	4,850	7,900	8,440	21,500	13,000	11,700	4,600	6,540	12,300	8,590	3,180
15	9,320	4,980	8,300	8,300	20,600	15,400	9,320	4,360	8,030	13,000	8,030	3,480
16	8,740	5,480	8,300	8,300	21,700	15,000	8,300	4,600	14,000	9,750	7,360	3,380
17	8,590	5,220	7,900	8,440	20,400	14,800	9,170	5,350	16,600	7,080	7,360	3,700
18	9,750	4,360	7,360	8,740	22,100	14,100	9,170	4,720	17,700	8,160	6,280	3,380
19	9,170	4,720	7,360	6,000	25,100	14,000	6,540	4,240	18,000	7,760	3,700	3,080
20	8,740	4,720	7,360	7,760	28,900	14,600	8,590	4,130	14,600	6,280	4,130	2,530
21	11,200	5,480	7,080	7,760	31,400	16,800	8,440	3,800	14,500	4,850	3,800	3,700
22	11,000	6,140	7,360	7,960	30,800	17,700	7,760	3,700	10,700	6,540	4,130	3,380
23	10,100	6,280	7,490	7,220	28,700	19,800	8,440	3,700	9,910	5,350	6,000	3,080
24	9,750	5,220	6,410	8,590	26,700	20,800	9,020	5,350	5,600	5,350	4,480	3,380
25	9,020	5,220	9,020	10,100	24,000	19,500	8,300	3,910	7,080	6,820	3,700	3,380
26	7,490	6,010	14,000	9,750	18,900	17,500	6,950	3,080	7,220	6,950	3,590	4,240
27	6,820	6,820	19,300	12,300	15,000	15,400	7,760	3,380	7,760	4,980	3,700	5,100
28	6,680	6,820	24,800	11,500	12,000	16,600	7,900	4,240	7,490	3,590	3,700	3,910
29	6,820	9,020	29,100	11,500	-----	20,000	7,760	4,130	6,820	3,590	3,700	3,800
30	6,680	8,300	31,000	12,500	-----	21,000	7,900	4,480	5,870	3,590	2,710	3,600
31	5,870	-----	33,100	12,600	-----	20,200	-----	5,350	-----	4,720	2,990	-----
TOTAL	323,770	160,830	359,840	388,820	496,030	476,800	330,520	150,270	235,670	221,130	170,040	115,220
MEAN	10,444	5,188	11,610	12,540	17,720	15,380	11,020	4,847	7,856	7,133	5,485	3,841
MAX	26,100	9,020	33,100	37,000	31,400	21,000	19,500	7,360	18,000	13,000	8,590	5,350
MIN	2,990	3,280	6,410	6,500	7,760	10,400	6,540	3,080	3,590	3,590	2,710	2,300
CFSM	1.82	.93	2.02	2.19	3.09	2.68	1.92	.84	1.37	1.24	.96	.67
IN.	2.10	1.04	2.33	2.52	3.21	3.09	2.14	.97	1.53	1.43	1.16	.75

CAL YR 1964: TOTAL 4,424,730 MEAN 12,090 MAX 52,400 MIN 2,990 CFSM 2.11 IN 28.82
WAT YR 1965: TOTAL 3,428,940 MEAN 9,394 MAX 37,000 MIN 2,330 CFSM 1.64 IN 22.82

2-3534 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

Records available --Annual maximum, water years 1950-59 and occasional low-flow measurements 1951, 1954, 1958 June 1959 to September 1965

Gage --Digital water-stage recorder Datum of gage is 212.64 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 May 17, 1949, to Mar 16, 1955, crest-stage gage at same site and datum Mar 17, 1955, to June 9, 1959, crest-stage gage at site 200 ft downstream at same datum June 10, 1959, to July 22, 1964, graphic water-stage recorder at present site and datum

Average discharge --6 years (1959-65), 264 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,100 cfs), water years 1961-65							
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Apr 1, 1961	0400	* 6,110	8.97	Feb 12, 1963	1400	* 2,380	7.24
Apr 13, 1961	0800	1,730	6.82	June 19, 1963	2200	1,370	6.53
Apr 16, 1961	1500	2,700	7.42	June 24, 1963	1700	1,430	6.58
May 26, 1961	1400	1,340	6.51	June 27, 1963	0300	1,220	6.40
Jan 7, 1962	0300	-	10.34	Jan 2, 1964	0200	1,490	6.63
Feb 20, 1962	1700	1,410	6.57	Jan 9, 1964	2200	* 3,800	8.12
Apr 1, 1962	1800	1,620	6.74	Feb 19, 1964	0600	2,060	7.14
Apr 7, 1962	1800	1,700	6.80	Mar 3, 1964	1500	3,420	7.84
Jan 21, 1963	1900	1,410	6.57	Apr 8, 1964	0700	1,100	6.24
				Apr 15, 1964	1700	1,390	6.54
				May 3, 1964	1800	2,090	7.06
				Oct 5, 1964	1500	1,740	6.83
				Dec 6, 1964	0200	2,060	7.04
				Dec 26, 1964	1600	* 6,170	8.99
				Mar 19, 1965	1100	1,110	6.29
				June 16, 1965	0700	1,740	6.88
				July 6, 1965	2000	1,320	6.42

Annual minimum discharge, water years 1961-65					
Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 30, 1961	66	1964	Oct 20, 21, 23, 1963	110
1962	Oct 16, 1961	62	1965	Sept 9, 10, 1965	77
1963	June 16, Sept 14, 1963	44			117

1949-65 Maximum gage height, 10.34 ft Jan 7, 1962 (discharge not determined)
1959-65 Minimum discharge, 44 cfs June 16, Sept 14, 1963

Remarks --Records good except those above 3,000 cfs, which are poor

Revisions --The maximum discharge for the water year 1960, published in WSP 1704, is subject to error owing to lack of definition of the highwater rating and should not be used

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	214	117	126	223	158	223	4,240	190	132	132	90	223
2	160	123	120	264	154	395	1,080	216	126	120	82	196
3	139	112	117	209	154	651	595	238	120	110	80	178
4	136	104	117	154	178	444	361	196	112	110	84	140
5	128	104	120	140	178	264	302	168	104	107	156	123
6	128	102	123	136	154	230	274	158	104	102	246	185
7	164	102	123	136	230	216	274	150	102	102	238	190
8	210	104	129	140	422	223	302	143	97	140	158	140
9	198	104	120	154	442	230	264	154	94	168	150	120
10	172	107	120	150	264	216	375	209	94	129	163	114
11	132	110	140	136	190	178	480	238	94	123	126	123
12	120	114	223	132	168	168	623	202	90	173	107	154
13	114	114	246	140	158	163	1,470	190	90	255	97	150
14	112	114	158	209	158	178	866	168	87	209	94	120
15	107	114	146	322	154	173	870	150	90	168	146	129
16	104	112	190	288	150	154	2,400	146	117	132	163	154
17	102	114	216	178	146	158	1,340	136	126	143	129	117
18	102	117	154	150	168	304	735	126	123	196	104	100
19	100	120	136	143	319	506	442	120	114	255	97	92
20	104	120	132	158	518	450	346	129	133	216	94	92
21	126	117	168	190	542	255	302	136	325	216	84	92
22	120	117	255	158	314	209	274	132	542	196	92	90
23	110	120	274	140	255	184	255	136	386	140	97	84
24	104	129	173	143	361	168	246	136	246	112	114	80
25	104	146	146	154	465	154	238	270	285	104	178	80
26	100	140	143	223	331	146	223	1,040	223	97	209	80
27	100	132	140	325	264	146	230	786	246	117	173	74
28	100	126	140	349	216	158	255	520	255	158	140	74
29	100	129	136	255	-----	178	302	255	178	154	117	72
30	100	129	146	209	-----	168	238	178	150	112	120	70
31	107	-----	178	184	-----	637	-----	150	-----	94	196	-----
TOTAL	3,912	3,513	4,855	5,892	7,211	7,927	20,202	7,166	4,985	4,585	4,124	3,636
MEAN	126	117	157	190	234	256	673	231	166	148	133	121
MAX	214	146	274	349	542	651	4,240	1,040	542	255	246	223
MIN	100	102	117	132	146	146	223	120	87	94	80	70
CFSM	.67	.62	.83	1.01	1.37	1.36	3.58	1.23	.88	.79	.71	.64
IN.	.77	.69	.96	1.17	1.43	1.57	4.00	1.42	.99	.91	.82	.72

GALE YR 1960 TOTAL 85,594 MEAN 234 MAX 5,790 CFSM 1.24 IN 16.23
WAT YR 1961 TOTAL 78,008 MEAN 214 MAX 4,240 MIN 70 IN 16.23

2-3534 Pachitla Creek near Edison, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	67	82	110	190	230	264	1,260	349	114	126	123	67
2	67	80	110	305	216	340	1,180	216	129	100	123	64
3	70	82	112	292	202	530	616	168	150	94	146	70
4	72	84	112	196	196	536	364	150	150	90	114	87
5	74	87	112	198	196	374	290	143	168	100	120	90
6	72	90	114	2,680	196	290	285	140	238	104	94	102
7	72	94	132	9,060	190	255	1,180	132	150	136	90	120
8	67	102	143	1,630	178	238	1,070	132	149	168	94	173
9	70	94	123	742	173	230	749	129	499	136	92	140
10	72	90	120	495	178	230	567	123	285	104	87	112
11	72	92	187	418	184	230	386	123	178	87	77	100
12	70	92	570	302	178	255	406	120	184	80	70	90
13	70	92	866	302	173	245	595	117	202	82	62	97
14	70	97	742	264	173	245	595	114	168	117	77	92
15	67	100	609	255	168	246	402	114	146	107	140	117
16	64	104	364	274	196	285	302	112	143	107	190	168
17	67	107	305	302	255	264	274	107	114	100	120	132
18	67	114	264	264	255	214	255	104	94	94	97	110
19	70	107	238	238	518	196	246	104	154	107	112	110
20	70	102	238	223	1,280	196	238	102	154	107	107	97
21	67	102	196	223	975	196	223	97	150	143	84	84
22	70	100	158	214	500	209	249	94	106	136	84	74
23	72	132	150	209	378	230	202	92	163	100	90	72
24	74	209	150	216	361	255	196	90	163	94	132	72
25	77	285	150	209	358	238	190	87	136	82	178	74
26	77	230	143	202	331	223	190	87	120	92	129	110
27	74	132	140	223	322	238	184	82	112	114	110	185
28	74	120	140	285	285	223	184	117	104	104	100	230
29	72	117	184	686	-----	196	264	82	126	132	92	157
30	77	112	158	446	-----	178	442	87	136	190	84	107
31	82	-----	143	274	-----	294	-----	90	-----	208	74	-----
TOTAL	2,206	3,431	7,297	21,955	8,845	8,156	13,544	3,767	5,004	3,568	3,290	3,303
MEAN	71.2	114	235	708	285	263	451	122	167	115	106	110
MAX	82	285	866	9,060	1,280	536	1,260	349	499	208	190	230
MIN	64	80	110	158	168	178	184	80	110	80	62	64
CFSM	.38	.61	1.25	3.77	1.68	1.40	2.40	.65	.89	.61	.66	.59
IN.	.44	.68	1.44	4.34	1.75	1.61	2.68	.75	.99	.71	.65	.65
CAL YR 1961: TOTAL	78,662			MEAN 216	MAX 4,240		MIN 62	CFSM 1.15	IN 15.56			
WAT YR 1962: TOTAL	84,366			MEAN 231	MAX 9,060		MIN 62	CFSM 1.23	IN 16.69			

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	97	94	223	238	264	223	140	158	112	230	97	64
2	110	92	209	163	238	223	140	184	82	136	100	58
3	132	92	154	146	230	230	136	114	70	136	90	55
4	132	92	136	140	238	216	132	97	62	117	80	55
5	136	94	132	136	238	202	129	90	60	102	72	50
6	126	94	129	140	196	223	136	87	55	97	80	50
7	110	94	129	150	184	274	292	146	58	90	80	52
8	97	100	132	163	173	316	524	123	67	102	74	50
9	97	146	150	146	163	238	367	92	97	163	70	50
10	97	223	163	136	154	202	209	84	107	230	66	51
11	92	246	143	136	332	202	163	74	84	230	70	49
12	87	163	132	209	1,860	196	146	70	70	143	82	49
13	87	129	126	340	1,390	190	146	64	59	104	90	48
14	87	129	120	386	728	223	132	70	52	97	97	47
15	90	123	126	264	402	343	117	84	54	94	94	64
16	87	117	136	190	295	290	112	82	48	97	90	102
17	87	117	150	154	255	216	110	74	50	104	80	97
18	84	123	158	163	238	202	107	67	151	123	74	74
19	84	129	146	202	328	190	104	64	775	154	66	66
20	82	136	136	494	693	196	100	74	1,030	196	66	67
21	82	146	132	1,290	554	238	97	100	658	117	72	60
22	102	216	140	1,160	340	238	94	123	394	110	104	72
23	136	264	154	728	255	184	90	129	358	126	97	66
24	117	223	163	418	264	163	90	104	1,210	140	84	58
25	97	163	158	274	352	158	84	84	838	284	72	53
26	92	136	178	238	398	163	82	74	498	672	64	53
27	90	129	190	230	290	202	82	72	917	532	64	88
28	92	126	163	230	238	216	80	84	495	235	67	229
29	92	132	178	209	-----	173	84	129	536	140	677	77
30	94	178	274	196	-----	150	112	223	337	14	70	906
31	97	-----	361	223	-----	143	-----	230	-----	104	66	-----
TOTAL	3,092	4,246	5,021	9,292	11,290	6,623	4,345	3,250	9,384	5,341	2,450	3,455
MEAN	99.7	142	162	300	403	214	145	105	313	172	79.0	115
MAX	136	264	361	1,290	1,860	343	524	230	1,210	670	104	906
MIN	82	92	120	136	154	143	80	64	48	90	62	47
CFSM	.53	.75	.86	1.59	2.14	1.14	.77	.56	1.66	.92	.42	.61
IN.	.61	.84	.99	1.84	2.23	1.31	.86	.64	1.86	1.06	.48	.68
CAL YR 1962: TOTAL	83,791			MEAN 230	MAX 9,060		MIN 62	CFSM 1.22	IN 16.58			
WAT YR 1963: TOTAL	67,789			MEAN 186	MAX 1,860		MIN 67	CFSM .99	IN 13.41			

2-3534 Pachitla Creek near Edison, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	528	77	334	957	285	480	274	346	168	168	269	130
2	256	87	223	1,370	288	442	274	538	209	302	316	124
3	146	94	150	826	264	2,500	274	1,450	246	357	270	134
4	123	94	132	455	246	1,840	274	1,210	190	264	180	138
5	110	94	129	310	255	1,100	285	651	154	274	161	128
6	100	104	123	298	343	858	305	438	173	285	257	124
7	92	126	117	402	446	665	554	361	274	202	230	127
8	90	123	120	658	480	518	1,000	319	361	154	291	121
9	87	107	126	1,960	518	465	714	298	230	143	266	117
10	84	102	132	2,440	446	450	630	285	184	140	261	113
11	82	104	123	1,130	340	506	450	274	163	146	258	147
12	80	104	129	778	292	460	346	264	150	223	399	446
13	80	102	196	630	285	386	322	422	158	410	604	926
14	77	97	679	530	290	355	582	512	154	671	473	737
15	80	94	749	402	325	438	1,260	364	143	570	298	362
16	74	97	536	337	398	536	1,000	274	129	310	221	230
17	74	100	302	434	470	616	610	246	126	230	191	187
18	74	102	202	742	885	485	434	230	126	301	236	166
19	72	104	168	770	1,780	386	370	216	190	500	272	160
20	72	104	154	554	984	426	346	209	202	370	215	157
21	72	102	150	460	595	495	319	202	143	246	270	154
22	74	104	146	530	426	442	300	196	136	223	350	150
23	72	123	163	410	378	361	285	184	143	267	358	147
24	184	174	196	331	343	334	274	184	166	210	320	147
25	60	230	202	390	367	340	274	230	214	216	298	137
26	82	202	168	728	465	378	274	216	346	364	219	178
27	84	140	150	623	518	410	354	190	368	300	172	127
28	82	132	146	438	642	702	450	173	234	155	153	133
29	80	190	140	364	651	346	786	158	323	421	147	140
30	74	285	136	316	-----	305	480	154	184	492	143	139
31	74	-----	216	285	-----	288	-----	158	-----	302	135	-----
TOTAL	3,229	3,708	6,637	20,858	13,965	18,029	14,357	11,152	6,183	9,295	8,185	6,167
MEAN	104	121.4	214	663	442	582	459	358	202	298	257	190
MAX	528	285	749	2,440	1,780	2,500	1,260	1,650	450	671	604	926
MIN	72	77	117	285	246	288	274	154	126	140	135	113
CFSM	.55	.66	1.14	3.58	2.56	3.09	2.55	1.91	1.10	1.59	1.40	1.09
IN.	.64	.73	1.31	4.13	2.76	3.57	2.84	2.21	1.22	1.84	1.62	1.22

CAL YR 1963 TOTAL 69,004
WAT YR 1964: TOTAL 121,765MEAN 189
MEAN 333MAX 1,860
MAX 2,500MIN 47
MIN 72CFSM 1.01
CFSM 1.77IN 13.65
IN 24.09

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	142	209	279	438	386	370	588	248	128	209	186	147
2	144	208	243	418	328	495	536	227	125	283	229	149
3	183	209	402	312	438	714	438	246	193	198	148	149
4	842	210	438	367	334	609	418	208	246	293	163	159
5	1,660	215	1,490	355	290	450	446	198	728	277	159	154
6	1,160	210	1,690	343	322	406	410	192	506	948	172	147
7	749	204	814	430	316	378	370	186	257	1,000	174	137
8	418	205	512	337	968	374	337	182	219	686	194	125
9	293	205	406	331	651	370	337	177	465	410	222	119
10	255	208	361	328	485	343	328	196	679	370	262	136
11	236	208	343	331	390	340	313	186	422	430	250	191
12	220	205	364	316	367	361	305	170	770	418	226	206
13	212	209	542	308	548	644	288	164	707	693	270	171
14	232	215	542	303	786	707	277	159	630	518	268	145
15	402	222	410	303	810	490	262	157	858	331	188	134
16	602	224	340	322	651	386	262	149	1,510	290	166	128
17	542	222	313	343	651	358	277	148	1,090	246	168	128
18	370	222	313	308	984	595	268	147	693	217	153	124
19	275	219	313	290	939	1,050	253	142	446	194	152	124
20	244	262	313	288	665	850	322	137	337	216	153	123
21	226	346	334	285	500	742	378	137	275	288	153	122
22	219	308	398	288	455	524	322	146	244	262	159	122
23	216	243	367	308	422	426	281	149	227	217	160	121
24	215	285	319	450	418	422	262	141	208	212	150	150
25	212	465	480	560	485	414	248	130	203	210	137	200
26	210	609	4,460	438	506	402	285	130	216	183	178	220
27	210	524	2,340	343	426	707	414	130	303	177	127	212
28	210	343	1,080	322	378	966	442	135	298	186	147	186
29	213	328	763	285	436	430	850	152	232	220	270	235
30	210	349	554	295	-----	644	337	189	200	195	235	281
31	210	-----	480	349	-----	530	-----	157	-----	201	157	-----
TOTAL	11,532	8,093	21,881	10,694	15,319	16,917	10,486	5,183	13,354	10,773	5,776	4,745
MEAN	372	270	706	343	547	546	350	167	445	346	186	158
MAX	1,660	4,460	4,460	560	984	1,050	588	248	1,510	1,000	270	281
MIN	142	205	236	285	290	340	248	130	125	177	127	119
CFSM	1.98	1.43	3.75	1.83	2.91	2.90	1.86	.89	2.37	1.84	.99	.84
IN.	2.28	1.60	4.33	2.12	3.03	3.35	2.07	1.03	2.64	2.12	1.14	.94

CAL YR 1964 TOTAL 149,697
WAT YR 1965: TOTAL 134,703MEAN 409
MEAN 369MAX 4,460
MAX 4,460MIN 113
MIN 119CFSM 2.18
CFSM 1.96IN 29.61
IN 26.65

2-3535 Ichawaynochaway Creek at Milford, Ga

Location --Lat 31°09' Long 84°32', on downstream end of left bank pier at bridge on State Highway 24 miles upstream from Alligator Creek and 5½ miles upstream from Creek

Drainage area --620 sq mi, approximately

Records available --August 1905 to December 1907, October 1939 to September 1965

Gage --Digital water-stage recorder Datum of gage is 150.3 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department) Aug 29, 1905, to Dec 31, 1907, staff or chain gage at several sites within 450 ft of present site at various datums Oct 1, 1939, to Nov 10, 1941, staff gage and Nov 11, 1941, to Dec 4, 1952, graphic water-stage recorder, at site 100 ft downstream at present datum Dec 5, 1952 to Feb 4, 1965, graphic water-stage recorder at present site and datum

Average discharge --28 years, 794 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (3,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Apr 3, 1961	0200	5,280	9.4	Jan 11, 1964	1100	7,130	11.3	Dec 8, 1964	0600	3,390	6.6
Apr 17, 1961	1400	* 7,900	12.0	Feb 20, 1964	1900	4,490	8.5	Dec 28, 1964	-	* 3,100	a 12.0
Jan 9, 1962	1700	* 6,400	10.6	Mar 5, 1964	0300	* 7,570	11.7	Feb 20, 1965	2400	3,150	6.2
Feb 14, 1963	1000	* 3,450	7.1	May 5, 1964	0100	3,870	7.7	Mar 29, 1965	2400	3,270	6.5
				Oct 6, 1964	2400	3,970	7.4	June 17, 1965	2000	3,970	7.6

a From floodmark

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 30, 1961	228	1964	Oct 22, 23, 25, 1963	218
1962	Aug 14, 1962	207	1965	Sept 23, 1965	320
1963	Sept 13, 1963	163			

1905-7, 1939-65 Maximum discharge, 10,100 cfs Jan 21, 1943 (gage height, 13.9 ft), minimum, 117 cfs Sept 16, 1954

Flood in July 1916 reached a stage of 17.2 ft, from information by local resident (discharge, 15,500 cfs, from rating curve extended above 10,000 cfs by logarithmic plotting)

Remarks --Records good except those for period of no gage-height record, which are fair Moderate diurnal fluctuation at low flow

Revisions (water years) --WSP 922 Drainage area WSP 1304 1907

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT
1	1,120	315	380	471	637	1,090	958	685	860	320	525	
2	825	338	360	543	549	1,150	3,240	860	555	685	303	507
3	567	356	346	592	513	1,220	4,650	860	501	537	251	507
4	443	342	342	592	507	1,400	3,380	825	477	495	251	507
5	405	338	342	543	513	1,500	2,300	741	501	477	299	438
6	380	315	342	495	519	1,400	1,540	699	432	432	477	400
7	385	328	346	448	543	1,120	1,270	630	380	400	790	432
8	477	311	351	410	685	958	1,120	573	400	421	706	454
9	573	315	360	416	790	860	1,060	561	375	501	650	426
10	549	303	360	421	892	825	990	706	375	650	637	395
11	513	307	351	426	925	783	1,020	825	365	555	567	380
12	443	333	385	405	825	720	1,350	790	351	537	489	454
13	400	333	477	400	727	678	1,890	755	351	650	460	477
14	375	338	525	426	604	664	2,550	692	338	755	400	416
15	365	338	507	501	549	671	3,140	644	338	860	513	390
16	342	342	489	579	519	650	4,570	604	390	692	706	416
17	338	328	519	630	501	664	7,570	573	410	598	598	421
18	333	342	531	573	501	1,020	5,800	513	448	561	489	380
19	333	338	489	507	657	1,270	3,590	483	489	598	443	346
20	328	338	443	465	1,060	1,450	2,500	454	519	618	380	315
21	324	346	416	460	1,300	1,500	1,850	448	671	650	356	303
22	365	346	448	489	1,350	1,350	1,540	471	892	706	346	291
23	365	342	543	483	1,450	1,180	1,300	460	1,120	664	318	287
24	351	346	585	460	1,350	990	1,120	460	1,240	570	346	275
25	338	356	555	443	1,300	748	1,020	637	1,300	465	395	263
26	333	400	495	477	1,350	734	958	1,020	1,180	390	489	255
27	324	395	454	579	1,350	664	975	1,500	990	416	531	247
28	324	390	432	678	1,240	644	1,060	1,950	1,180	507	525	243
29	328	385	416	741	-----	706	1,020	1,400	1,400	465	465	239
30	311	380	410	748	-----	699	958	1,400	1,220	416	432	235
31	315	-----	432	699	-----	727	-----	1,090	-----	370	477	-----
TOTAL	13,172	10,284	13,431	16,117	73,706	30,035	66,331	24,942	19,873	17,510	14,429	11,334
MEAN	425	343	433	519	237	969	2,111	802	625	545	448	348
MAX	1,120	400	585	748	1,450	1,500	7,570	1,950	1,400	860	790	525
MIN	311	303	342	400	501	644	925	448	338	370	251	235
CFSM	.69	.55	.70	.84	1.37	1.56	3.57	1.30	.91	.75	.60	.60
IN.	.79	.62	.81	.97	1.42	1.80	3.98	1.50	1.19	1.05	.87	.67

CAL YR 1960- TOTAL 279,085 MEAN 763 MAX 9,480 MIN 279 CFSM 1.23 IN 16.74
WAT YR 1961 TOTAL 211,037 MEAN 715 MAX 7,570 MIN 235 CFSM 1.15 IN 15.66

2-3535 Ichawaynochaway Creek at Milford, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	224	232	333	460	1,150	1,120	1,090	860	279	385	471	255
2	224	239	324	561	892	1,120	1,760	925	291	346	400	239
3	224	243	324	630	776	1,270	2,600	860	320	303	375	224
4	228	243	311	678	678	1,500	2,850	748	346	207	342	232
5	224	243	307	611	624	1,540	2,200	598	370	279	315	255
6	232	243	307	561	604	1,540	1,580	555	410	295	346	279
7	232	247	315	720	585	1,400	1,540	501	465	303	338	307
8	228	259	346	3,250	573	1,180	1,800	471	390	370	295	385
9	224	267	375	4,100	561	990	2,750	454	395	400	275	465
10	218	267	360	4,650	555	892	2,600	421	519	375	271	432
11	224	259	351	2,500	549	892	2,200	405	525	315	255	416
12	224	255	448	1,630	543	860	2,050	410	471	271	235	356
13	224	259	664	1,240	549	860	1,950	400	483	259	218	291
14	218	263	958	1,020	543	860	2,000	380	513	263	210	275
15	218	271	1,350	925	525	925	1,900	360	507	324	224	271
16	224	279	1,540	825	525	1,060	1,670	365	432	315	320	283
17	214	287	1,540	769	611	1,090	1,500	370	400	375	390	333
18	214	304	671	1,220	671	990	1,240	351	356	346	328	338
19	214	307	990	762	925	860	990	342	375	303	283	324
20	214	303	790	685	1,450	783	925	333	405	303	287	351
21	218	291	699	618	1,950	734	825	320	421	295	287	299
22	214	287	630	685	2,400	630	420	307	426	303	250	265
23	214	295	573	644	2,400	727	741	303	489	324	267	235
24	221	360	507	630	2,100	790	706	291	465	271	342	221
25	228	448	477	630	1,630	790	685	287	421	255	421	232
26	228	507	465	618	1,450	790	650	283	380	243	448	251
27	232	519	448	611	1,350	769	624	275	351	247	432	295
28	228	465	443	699	1,220	748	618	267	346	275	438	400
29	224	410	443	860	-----	720	657	255	356	283	405	507
30	221	351	460	1,090	-----	706	790	263	380	346	374	454
31	228	-----	448	1,270	-----	734	-----	275	-----	443	291	-----
TOTAL	6,902	9,202	18,746	37,716	28,589	29,925	44,281	13,235	12,287	9,702	10,092	9,464
MEAN	223	307	605	1,217	1,021	965	1,476	427	410	313	326	315
MAX	232	519	1,540	6,100	2,600	1,540	2,850	925	525	443	471	507
MIN	214	232	307	460	525	685	618	255	279	243	210	221
CFSM	.36	.49	.98	1.96	1.65	1.56	2.38	.66	.56	.50	.53	.51
IN.	.41	.55	1.12	2.26	1.71	1.80	2.66	.79	.74	.58	.61	.57

CAL YR 1961: TOTAL 259,000

MEAN 710

MAX 7,570

MIN 214

CFSM 1.14

IN 15.54

WAT YR 1962: TOTAL 230,141

MEAN 631

MAX 6,100

MIN 210

CFSM 1.02

IN 13.80

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	380	267	432	644	790	990	549	507	537	1,850	454	221
2	324	263	465	611	825	925	519	567	390	1,300	395	214
3	333	263	471	519	860	860	495	555	283	825	356	214
4	370	255	421	443	860	825	483	495	239	644	324	200
5	410	255	370	400	825	783	471	432	221	543	307	197
6	432	255	351	380	790	783	471	351	218	460	275	186
7	405	259	346	385	755	790	592	333	204	416	311	193
8	356	267	351	416	706	790	825	426	710	390	307	186
9	307	291	360	421	657	825	990	380	283	443	283	180
10	287	360	375	410	611	825	990	320	324	573	259	173
11	275	443	390	390	671	825	860	295	279	685	255	173
12	267	495	380	460	1,400	783	713	275	239	706	275	173
13	263	465	356	567	2,400	776	604	251	218	671	299	166
14	251	405	333	644	3,380	783	537	251	200	650	303	173
15	251	351	324	699	3,020	925	489	307	193	531	303	176
16	259	328	328	713	2,500	1,020	454	307	193	454	299	183
17	255	320	346	637	1,710	990	421	303	180	443	303	210
18	259	311	380	592	1,300	860	400	279	190	454	320	228
19	255	311	405	561	1,150	755	390	271	390	483	320	228
20	251	324	395	825	1,240	727	390	271	825	489	279	210
21	243	342	385	1,220	1,400	734	365	275	1,350	477	338	207
22	247	370	385	1,670	1,540	734	365	338	1,500	426	360	207
23	267	438	385	2,250	1,450	748	346	501	1,450	416	356	221
24	311	495	400	2,350	1,300	713	333	567	1,400	465	342	197
25	303	513	421	2,000	1,220	664	320	410	1,450	567	324	186
26	275	477	438	1,500	1,180	624	303	328	1,760	713	287	180
27	263	421	454	1,150	1,180	644	303	283	1,450	892	251	186
28	255	370	465	958	1,090	692	295	271	1,540	1,060	247	283
29	255	356	454	860	-----	678	279	275	2,050	925	232	549
30	259	375	507	776	-----	618	324	356	2,000	720	239	860
31	263	-----	579	860	-----	579	-----	483	-----	579	232	-----
TOTAL	9,131	10,645	12,452	26,220	36,810	24,268	14,876	11,263	21,766	20,250	9,435	6,960
MEAN	295	355	402	846	1,315	783	496	361	726	653	304	232
MAX	432	513	579	2,350	3,380	1,020	990	67	2,050	1,850	454	860
MIN	243	255	324	380	611	579	279	251	180	390	232	166
CFSM	.48	.57	.65	1.36	2.12	1.26	.80	.59	1.17	1.05	.49	.37
IN.	.55	.64	.75	1.57	2.21	1.46	.89	.68	1.31	1.21	.57	.42

CAL YR 1962: TOTAL 227,519

MEAN 623

MAX 6,100

MIN 210

CFSM 1.01

IN 13.65

WAT YR 1963: TOTAL 204,076

MEAN 559

MAX 3,380

MIN 166

CFSM .90

IN 12.24

2-3535 Ichawaynochaway Creek at Milford, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT
1	1,060	224	537	1,060	1,350	2,150	1,020	1,950	471	592	1,300	483
2	1,220	228	579	1,270	2,000	958	1,900	495	755	1,180	454	454
3	1,120	235	573	2,000	1,180	2,650	925	2,300	555	713	1,270	483
4	776	243	513	2,150	1,120	6,100	892	3,320	611	776	990	561
5	537	251	448	2,000	1,090	7,020	892	3,520	561	825	783	537
6	370	255	400	1,800	1,180	5,440	892	2,600	525	825	755	495
7	315	267	380	1,580	1,350	3,870	1,120	2,050	573	825	990	495
8	295	287	360	1,580	1,450	2,850	1,400	1,580	637	699	1,120	477
9	279	287	356	2,020	1,580	2,300	1,710	1,270	692	598	1,060	432
10	271	271	360	4,110	1,670	2,000	2,000	1,270	630	489	892	410
11	263	259	365	6,800	1,670	1,760	1,900	990	561	460	990	438
12	259	255	365	5,920	1,540	1,630	1,630	925	519	501	1,120	790
13	251	251	400	4,490	1,350	1,580	1,400	892	471	630	1,180	1,300
14	247	247	549	3,140	1,240	1,500	1,400	990	471	790	1,450	1,630
15	243	235	800	2,420	1,220	1,500	1,850	1,180	454	1,020	1,670	1,950
16	239	239	1,300	2,000	1,270	1,630	2,450	1,180	432	1,500	1,500	2,100
17	239	235	1,500	1,950	1,350	1,950	2,750	1,090	416	1,450	1,180	1,500
18	232	239	1,300	2,000	1,670	1,800	2,500	892	380	1,220	892	958
19	239	247	950	2,200	2,650	1,710	1,900	762	380	1,800	762	777
20	224	251	750	2,350	4,170	1,670	1,500	685	421	2,000	825	644
21	224	255	650	2,400	3,870	1,580	1,300	637	489	1,850	825	604
22	221	259	600	2,150	3,020	1,500	1,150	618	443	1,300	790	579
23	221	275	550	1,850	2,300	1,450	1,020	598	395	1,020	1,060	555
24	221	338	500	1,850	1,800	1,350	958	567	421	1,180	1,240	531
25	224	426	500	1,800	1,580	1,270	925	549	443	1,300	1,150	501
26	228	460	573	1,670	1,580	1,270	892	579	519	1,450	1,020	489
27	232	471	543	1,800	1,670	1,300	1,060	561	664	1,540	958	465
28	232	443	501	2,000	1,850	1,300	1,500	531	769	1,500	783	465
29	235	438	477	1,950	2,150	1,270	1,630	507	825	1,670	637	471
30	228	483	443	1,760	1,240	1,800	1,240	706	706	1,500	555	471
31	221	525	1,500	1,500	1,500	1,500	1,500	465	465	1,500	513	465
TOTAL	11,166	8,854	18,647	73,880	51,190	67,790	43,324	37,285	15,929	34,278	31,440	21,995
MEAN	360	295	602	2,383	1,765	2,187	1,444	1,203	531	1,106	1,014	733
MAX	1,220	483	1,500	6,800	4,170	7,020	2,750	3,520	825	2,000	1,670	2,100
MIN	221	221	356	1,060	1,090	1,150	892	580	460	380	513	410
CFSM	.58	.48	.97	3.84	2.85	3.53	2.33	1.94	.86	1.78	1.64	1.18
IN.	.67	.53	1.12	4.43	3.07	4.07	2.60	2.24	.96	2.06	1.89	1.32

CAL YR 1963 TOTAL 210,515 MEAN 577 MAX 3,380 MIN 166 CFSM .93 IN 12.63
 MAY YR 1964 TOTAL 415,778 MEAN 1,156 MAX 7,020 MIN 221 CFSM 1.83 IN 24.94

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	471	678	1,020	2,400	1,180	1,460	2,150	1,120	657	624	604	448
2	489	664	892	2,200	1,210	1,530	1,950	860	604	637	531	421
3	567	657	825	1,800	1,180	1,770	1,780	727	421	692	543	400
4	1,180	650	925	1,600	1,110	1,980	1,660	657	443	769	513	426
5	2,150	650	1,210	1,400	1,090	2,050	1,510	624	592	755	507	438
6	3,510	637	1,840	1,330	1,090	1,900	1,420	592	734	713	475	410
7	3,810	637	2,920	1,270	1,310	1,600	1,360	579	892	1,060	487	390
8	3,390	630	3,270	1,210	1,730	1,420	1,270	561	892	1,900	525	365
9	2,750	630	2,580	2,210	2,210	1,300	1,190	543	825	2,000	573	343
10	2,000	624	1,840	1,240	2,410	1,240	1,090	531	720	1,660	643	328
11	1,360	618	1,360	1,090	2,250	1,150	1,020	537	990	1,090	761	380
12	1,090	618	1,210	1,090	1,820	1,150	958	513	1,190	860	824	454
13	958	624	1,240	1,060	1,650	1,240	892	507	1,420	892	811	489
14	925	624	1,300	1,020	1,900	1,540	860	477	1,950	1,240	787	471
15	1,150	637	1,450	1,020	2,350	1,780	790	460	2,300	1,360	729	416
16	1,420	637	1,420	1,020	2,570	1,840	776	443	2,860	1,240	579	380
17	1,660	644	1,240	990	2,640	1,600	755	443	3,730	958	513	346
18	1,660	650	1,120	1,020	2,660	1,360	734	438	3,580	720	483	342
19	1,540	664	1,020	990	2,850	1,510	741	432	2,970	637	448	333
20	1,360	671	958	990	3,100	2,200	790	416	2,300	555	454	333
21	1,120	734	958	958	2,980	2,800	892	405	1,660	525	465	338
22	958	790	990	925	2,420	2,700	925	410	1,150	567	454	333
23	825	825	1,020	925	1,980	2,200	925	421	860	624	454	328
24	776	790	1,060	1,180	1,750	1,780	860	432	741	637	443	338
25	755	892	1,360	1,420	1,640	1,600	790	421	657	543	426	380
26	741	1,120	2,350	1,540	1,610	1,450	790	405	699	507	400	477
27	727	1,270	4,760	1,510	1,610	1,360	790	405	699	471	375	567
28	713	1,330	8,500	1,360	1,550	1,900	1,190	390	860	443	370	678
29	699	1,270	7,000	1,180	-----	2,920	1,270	400	860	405	421	734
30	692	1,150	4,000	1,060	-----	3,030	1,190	438	685	513	585	733
31	685	-----	2,800	1,120	-----	2,460	-----	507	-----	624	543	-----
TOTAL	42,131	23,015	64,438	38,948	53,860	55,820	33,486	16,079	39,032	26,221	16,726	12,822
MEAN	1,359	767	2,079	1,256	1,924	1,801	1,116	519	1,301	866	540	427
MAX	3,810	1,330	8,500	2,400	3,100	3,030	2,150	1,270	3,730	2,000	824	734
MIN	471	618	825	925	1,090	1,150	734	390	421	405	370	328
CFSM	2.19	1.24	3.35	2.03	3.10	2.90	1.80	.84	2.10	1.36	.87	.69
IN.	2.53	1.38	3.87	2.34	3.23	3.35	2.01	.96	2.34	1.57	1.00	.77

CAL YR 1965: TOTAL 422,995 MEAN 1,194 MAX 8,500 MIN 380 CFSM 1.87 IN 29.39

Note --No gage-height record Dec 28 to Jan 5

2-3560 Flint River at Bainbridge, Ga

Location --Lat 30°55', long 84°34', on downstream side of right major pier of Decatur County Memorial Bridge on U S Highway 84 at 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

Records available --October 1907 to December 1913, October 1928 to September 1965 Monthly discharge only for some periods, published in WSP 1304 Gage-height records collected at same site since 1904 are contained in reports of U S Weather Bureau

Gage --Water-stage recorder Datum of gage is 58 06 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 Prior to Dec 31, 1913, chain gage at datum 0 3 ft higher Oct 1, 1928, to Jan 14, 1929, chain gage at same site at present datum Since Jan 15, 1957, auxiliary water-stage recorder at site 6 4 miles upstream

Average discharge --43 years, 8,858 cfs

Extremes --Maximum and minimum discharges for water years 1961-65 are contained in the following table

Water year	Maximum			Minimum daily		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Mar 6, 1961	44,100	26 72	Sept 30, 1961	2,950	-
1962	Apr 19, 1962	27,700	23 50	Sept 27, 1962	1,960	-
1963	Jan 29, 1963	27,600	23 30	Sept 25, 1963	1,340	-
1964	Apr 16, 1964	46,800	34 70	Oct 25, 1963	1,920	-
1965	Jan 2, 1965	37,600	31 75	Oct 3, 1964	3,500	-

1907-13, 1928-65 Maximum discharge, 83,200 cfs Mar 21, 1929 (gage height, 37 73 ft), minimum daily, 1,840 cfs Sept 25, 1963

Maximum stage known since at least 1893, 40 9 ft, present datum, Jan 24, 1925 (discharge, 101,000 cfs, from rating curve extended above 70,000 cfs on basis of slope-conveyance studies)

Remarks --Records good Flow regulated by powerplants on Flint River Reservoir since 1921 (capacity, 7,500 acre-ft), and at Warlick Reservoir since 1930 (capacity, about 35,000 acre-ft) Normal operation of powerplants does not materially affect figures of monthly runoff

Cooperation --Gage-height record, 75 discharge measurements and computations of daily discharge furnished by Corps of Engineers, records reviewed by Geological Survey

Revisions (water years) --WSP 697 1908-13 WSP 822 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5,480	3,840	3,340	3,920	4,630	28,100	13,200	15,400	12,200	12,700	6,490	11,200
2	6,640	3,550	3,720	5,180	4,250	30,700	15,300	15,200	10,900	10,100	7,040	10,000
3	8,380	3,910	3,460	5,060	4,450	35,100	19,000	16,300	10,100	9,960	7,160	6,960
4	9,080	3,780	3,680	5,080	5,640	40,500	23,400	16,600	9,320	9,180	5,070	6,690
5	9,460	3,740	4,800	5,690	5,590	43,600	26,400	16,000	9,680	8,840	3,350	6,690
6	8,770	3,800	3,860	5,050	4,320	43,200	28,600	15,300	8,020	7,900	3,060	6,900
7	6,420	4,260	3,450	4,780	4,980	37,900	31,200	15,600	8,680	8,680	3,620	5,520
8	5,580	3,930	3,210	4,560	4,470	32,100	33,200	16,200	9,930	8,170	3,060	4,480
9	6,130	3,780	3,240	5,150	5,240	24,000	30,200	15,200	8,610	6,000	2,990	4,660
10	5,890	3,570	2,990	5,300	5,410	15,900	22,600	12,900	4,960	7,310	4,000	6,480
11	4,500	3,560	3,460	4,790	5,470	14,400	18,700	13,000	5,270	8,020	6,160	3,510
12	4,170	3,390	4,660	4,710	5,360	13,100	17,600	12,000	4,930	5,460	7,460	4,730
13	4,240	3,750	3,640	4,230	6,340	14,600	17,300	12,300	6,550	4,960	9,030	4,230
14	4,980	4,230	3,750	4,000	5,800	15,600	20,200	12,800	5,830	5,440	8,220	4,260
15	5,060	3,620	3,690	4,220	4,490	15,500	23,700	12,800	5,860	6,600	8,420	4,260
16	4,980	3,370	3,880	4,900	4,780	14,600	27,500	12,700	5,510	7,280	7,010	3,670
17	5,570	3,620	3,970	5,010	4,940	12,400	32,400	12,600	5,050	8,110	7,160	3,900
18	4,020	3,420	4,050	4,400	4,950	11,500	37,900	12,900	4,830	8,110	6,220	4,470
19	3,880	3,380	4,580	3,920	5,240	12,300	40,300	12,200	6,270	8,610	4,810	4,740
20	3,810	3,640	4,000	3,980	5,060	11,400	36,400	10,800	5,880	8,470	4,220	4,700
21	3,860	4,160	3,980	4,080	5,840	12,700	34,400	10,100	5,470	9,040	5,760	4,400
22	3,740	3,870	4,100	4,320	9,600	13,500	30,000	9,700	5,510	8,560	4,850	4,220
23	4,420	4,030	4,390	5,820	13,300	12,300	25,400	9,920	8,240	7,810	3,790	3,990
24	4,440	3,800	4,240	5,240	13,900	11,400	22,000	8,350	9,550	7,810	4,090	3,720
25	3,750	3,250	4,230	4,150	16,600	11,200	16,400	9,460	10,500	7,230	3,580	4,510
26	3,900	4,300	4,300	3,860	19,100	10,200	15,400	10,100	11,700	5,950	3,610	5,470
27	4,340	3,680	6,310	4,690	22,200	9,210	14,400	11,700	11,800	5,770	4,610	3,940
28	4,160	4,560	6,510	4,910	25,500	8,920	14,100	14,100	12,300	5,450	6,270	3,250
29	4,180	3,640	5,030	4,550	-----	9,210	13,900	13,300	12,700	5,270	8,350	2,970
30	3,900	3,620	4,670	5,030	-----	8,450	15,100	12,600	12,900	5,010	10,500	2,950
31	4,290	-----	4,320	5,410	-----	9,200	-----	11,500	-----	6,090	10,800	-----
TOTAL	162,020	113,050	127,510	146,030	227,450	582,790	718,300	399,630	249,050	233,890	180,760	151,560
MEAN	5,226	3,768	4,113	4,711	8,123	18,800	23,940	12,890	8,302	7,548	5,831	5,052
MAX	9,460	4,560	6,310	5,820	25,500	43,600	40,300	16,600	12,900	12,700	10,800	11,200
MIN	3,740	3,250	2,990	3,860	4,250	8,450	13,200	8,350	4,830	4,960	2,990	2,950
CFSM	.69	.50	.54	.62	1.07	2.48	3.16	1.70	1.10	1.00	.77	.67
IN.	.80	.56	.63	.72	1.12	2.86	3.53	1.96	1.22	1.15	.89	.74
CAL YR 1960: TOTAL	3,518,510			MEAN 9,613		MAX 59,300	MIN 2,230	CFSM 1.27	IN 17.31			
WAT YR 1961: TOTAL	3,292,040			MEAN 9,019		MAX 43,600	MIN 2,950	CFSM 1.19	IN 16.17			

2-3560 Flint River at Bainbridge, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,690	2,250	4,450	6,880	10,400	22,100	14,300	11,100	2,510	2,220	3,710	3,140
2	4,710	2,060	4,000	7,420	11,800	23,000	17,500	11,000	2,090	5,380	4,240	2,380
3	4,140	2,740	3,920	7,260	10,900	22,400	18,900	10,500	4,030	6,160	2,710	4,670
4	2,860	3,520	4,690	6,500	11,100	21,700	19,000	10,500	5,200	5,040	4,030	5,860
5	2,790	2,190	4,270	6,760	9,560	20,500	21,000	9,080	5,020	5,920	3,810	3,190
6	2,480	2,860	3,540	7,450	9,050	18,600	23,300	8,750	3,700	5,560	4,660	2,660
7	2,350	3,660	3,620	8,960	8,460	15,400	24,400	7,610	4,780	4,680	5,060	2,880
8	2,410	2,500	3,640	11,900	8,020	16,300	25,200	7,630	5,490	4,280	2,000	2,860
9	2,350	2,320	3,780	16,000	7,890	15,400	25,800	6,970	4,700	5,500	2,040	3,370
10	3,960	2,660	3,210	19,200	7,050	13,400	25,300	7,530	3,780	5,520	2,750	4,760
11	2,400	3,050	4,780	18,600	6,890	11,700	25,000	7,510	4,750	4,200	2,750	6,260
12	2,040	3,350	4,750	17,700	6,910	11,900	24,900	7,420	4,910	4,080	3,130	3,880
13	2,300	4,710	4,920	16,800	6,740	11,300	23,500	6,220	4,640	4,080	3,290	3,850
14	2,770	4,200	5,700	16,200	6,800	14,000	23,800	6,810	5,730	3,770	2,470	3,470
15	3,020	2,710	7,460	12,000	6,760	15,500	25,500	6,600	5,930	3,870	3,280	3,470
16	4,430	2,430	10,500	10,700	6,670	18,400	25,200	5,700	5,430	3,400	2,670	3,130
17	3,770	2,740	12,600	10,000	6,760	21,700	24,600	4,490	6,160	3,400	2,990	2,850
18	2,360	2,840	13,900	9,000	6,700	24,600	25,900	4,280	6,050	3,900	3,780	2,670
19	2,530	4,010	13,100	8,750	6,820	27,000	27,400	4,770	5,680	3,270	4,430	3,300
20	2,980	4,550	14,700	8,360	10,700	24,900	26,400	5,900	4,550	4,100	4,990	3,480
21	3,290	4,030	16,500	8,250	13,500	19,000	22,100	6,350	3,750	3,760	4,390	3,360
22	2,770	2,500	15,200	8,230	12,500	16,000	17,000	6,480	3,550	3,510	3,110	3,740
23	4,070	2,540	15,200	9,040	13,600	14,200	13,600	5,330	3,990	3,600	1,070	2,770
24	3,150	3,580	15,000	11,000	15,800	11,100	13,500	4,600	5,200	3,710	3,220	4,910
25	2,320	4,000	14,100	11,500	15,400	11,600	11,200	4,220	5,760	3,110	3,150	4,940
26	2,200	3,790	12,500	12,700	15,800	11,800	11,800	4,450	5,660	3,030	3,180	2,440
27	1,960	4,500	10,900	13,500	17,100	10,700	10,800	5,260	4,980	2,920	1,080	2,610
28	2,720	4,690	9,380	12,200	20,200	11,200	11,000	5,030	4,920	2,820	3,770	2,490
29	2,340	3,560	8,320	13,300	-----	10,800	10,500	6,210	4,350	3,280	3,250	2,530
30	4,680	4,340	7,880	12,100	-----	11,200	10,000	3,920	3,760	3,720	4,450	4,460
31	3,880	-----	7,780	9,700	-----	12,600	-----	2,490	-----	4,360	3,190	-----
TOTAL	93,720	99,450	263,790	347,960	289,880	510,700	600,100	204,710	139,030	127,050	107,510	106,140
MEAN	3,023	3,135	8,509	11,220	10,330	16,470	20,000	6,604	4,434	4,098	3,468	3,338
MAX	4,710	4,710	16,500	19,200	20,200	27,000	27,400	11,100	6,160	6,160	5,060	6,260
MIN	1,960	2,060	3,210	6,500	6,670	10,700	10,000	2,490	2,090	2,220	2,040	2,380
CFSM	.40	.46	1.12	1.48	1.37	2.18	2.46	.87	.61	.56	.67	.67
IN.	.46	.49	1.30	1.71	1.42	2.51	2.95	1.01	.68	.62	.53	.52

CAL YR 1961: TOTAL 3,346,420 MEAN 9,168 MAX 43,600 MIN 1,960 CFSM 1.21 IN 16.44
 MAY YR 1962: TOTAL 2,890,040 MEAN 7,918 MAX 27,400 MIN 1,960 CFSM 1.05 IN 14.20

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	7,490	2,680	6,000	5,700	11,600	11,600	10,600	4,680	6,710	6,570	6,340	3,500
2	5,830	2,600	5,480	5,280	10,600	11,500	10,200	7,730	7,930	11,300	6,260	3,050
3	3,640	2,210	4,700	6,310	11,500	10,400	9,520	7,350	8,060	11,700	6,650	2,040
4	3,720	2,210	5,190	5,330	11,500	9,450	9,230	7,690	11,100	6,400	2,460	2,460
5	5,490	3,300	3,330	5,090	11,700	9,870	8,180	11,500	6,320	11,100	6,710	4,410
6	5,680	2,210	3,330	5,110	11,700	10,600	7,540	13,400	6,410	8,980	6,070	3,260
7	5,290	1,770	4,760	5,760	10,900	9,880	9,170	13,000	9,800	7,980	4,360	3,600
8	5,780	2,300	4,910	5,450	10,300	9,780	7,760	13,600	4,280	7,740	4,220	3,460
9	5,260	3,130	4,450	4,040	11,700	10,700	7,530	10,100	4,510	6,840	3,510	3,530
10	4,100	4,330	4,260	4,350	10,700	12,200	8,010	8,850	4,470	5,070	3,370	2,970
11	3,010	4,920	5,590	4,250	9,030	12,000	8,130	7,840	4,420	10,100	3,610	2,620
12	3,000	6,490	4,100	4,870	10,100	11,800	8,130	7,560	3,270	8,270	4,820	2,970
13	3,710	6,340	3,820	5,270	14,300	13,100	8,310	7,290	3,980	8,270	5,640	3,260
14	4,380	3,890	3,830	6,250	16,900	13,900	7,870	6,280	2,770	7,560	4,360	3,360
15	6,270	3,300	4,670	7,010	17,900	13,500	7,280	6,410	3,690	6,960	4,080	2,600
16	5,500	3,400	4,650	8,330	18,300	11,600	7,000	5,170	3,120	6,370	3,940	2,330
17	3,110	4,620	3,730	8,760	18,400	11,900	7,230	4,560	3,830	4,980	4,720	2,150
18	2,490	4,430	3,510	7,570	16,600	12,100	7,220	4,690	5,140	4,730	4,720	2,120
19	2,320	5,060	3,550	8,810	12,900	12,600	6,070	4,620	3,910	5,070	5,720	3,110
20	2,230	4,980	4,130	7,870	12,100	19,300	5,230	5,770	4,690	5,870	7,530	3,270
21	2,370	4,180	4,860	10,000	12,300	16,900	5,170	6,060	5,980	6,500	4,300	3,970
22	3,920	4,160	3,880	12,900	13,100	15,100	6,190	6,740	6,200	7,360	4,240	3,570
23	4,520	5,460	4,760	17,000	13,600	12,400	5,710	6,220	7,320	6,460	3,460	3,510
24	2,760	5,730	4,600	19,600	12,700	11,800	3,650	5,120	7,930	6,130	4,090	1,710
25	2,440	5,380	4,990	21,300	13,500	10,800	4,970	4,500	11,100	7,770	6,980	1,340
26	2,850	6,480	4,750	23,200	13,500	9,120	5,220	4,500	10,500	8,760	8,130	1,940
27	3,800	7,120	5,110	25,500	13,000	10,900	5,270	5,590	13,900	9,490	6,750	1,770
28	3,810	6,420	3,850	26,900	13,500	9,630	5,700	5,250	14,400	9,810	4,060	2,500
29	4,660	7,460	4,820	25,900	-----	9,330	6,370	4,410	14,400	8,360	7,690	3,810
30	4,950	7,770	5,500	17,100	-----	9,570	6,980	4,730	12,000	9,200	9,510	7,360
31	4,040	-----	6,310	13,700	-----	11,400	-----	5,390	-----	8,160	3,900	-----
TOTAL	129,020	134,330	141,380	335,490	364,630	360,730	213,150	218,840	206,740	244,510	152,840	91,480
MEAN	4,162	4,333	4,561	10,820	13,020	11,640	7,105	7,055	6,681	7,887	5,020	3,044
MAX	7,490	7,770	6,310	26,900	18,400	16,900	13,700	14,400	14,400	11,700	9,810	7,360
MIN	2,230	1,770	3,330	4,040	9,030	9,120	3,650	4,410	7,770	4,730	3,170	1,140
CFSM	.55	.59	.60	1.43	1.72	1.54	.94	.93	.91	1.04	.66	.40
IN.	.63	.66	.69	1.65	1.79	1.77	1.08	1.08	1.02	1.20	.77	.45

CAL YR 1962: TOTAL 2,937,240 MEAN 7,775 MAX 27,400 MIN 1,770 CFSM 1.92 IN 12.94
 MAY YR 1963: TOTAL 2,937,240 MEAN 7,775 MAX 27,400 MIN 1,770 CFSM 1.92 IN 12.94

2-3560 Flint River at Bainbridge, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5,700	2,160	5,590	5,890	22,100	21,100	15,500	19,700	6,870	6,240	14,200	8,160
2	6,270	2,140	7,230	9,910	22,200	20,100	15,100	21,300	7,570	6,980	13,600	7,980
3	14,100	2,440	6,790	8,570	21,400	20,900	15,800	25,700	7,010	6,700	12,800	6,420
4	6,930	2,180	6,930	10,600	19,000	25,300	15,300	30,100	7,220	5,710	11,700	5,600
5	6,560	2,540	6,630	11,200	15,600	30,800	14,200	33,700	7,160	7,100	10,800	5,190
6	6,320	2,920	5,770	11,800	14,000	36,000	12,300	36,400	6,940	7,580	9,960	5,190
7	6,260	2,120	5,290	11,200	15,300	38,600	12,000	36,900	7,390	7,860	10,400	5,090
8	5,570	2,440	4,800	12,700	15,700	38,500	14,400	36,100	8,500	7,370	11,300	6,010
9	5,440	2,280	5,580	14,200	16,500	36,800	17,600	35,300	8,060	7,980	11,300	5,500
10	3,670	3,090	6,850	16,800	16,600	35,400	20,000	34,000	7,520	6,910	11,300	4,980
11	3,290	4,440	4,560	21,800	17,000	33,900	23,200	31,100	7,450	6,910	10,100	6,810
12	3,080	3,870	3,620	27,500	17,800	31,800	26,400	22,800	6,980	6,810	9,940	7,980
13	6,040	3,240	4,100	31,300	17,700	26,900	30,500	17,900	6,940	9,210	13,600	8,070
14	4,660	2,280	5,470	33,000	16,000	21,900	36,400	17,400	6,600	9,120	16,300	8,740
15	3,480	2,630	6,720	32,600	15,700	20,100	42,100	16,200	6,600	8,070	16,100	10,400
16	2,850	2,680	8,740	31,400	15,200	19,000	46,300	14,900	6,970	8,640	16,100	12,000
17	3,000	2,820	7,660	30,300	14,700	19,200	44,900	13,500	6,530	9,500	14,400	12,300
18	3,150	3,720	7,420	28,700	15,800	19,400	39,100	13,200	6,370	11,400	12,800	11,400
19	3,120	4,600	8,800	27,400	19,100	20,000	31,000	12,500	5,910	11,500	12,100	10,400
20	2,860	3,850	10,500	26,400	22,800	21,100	25,500	10,100	5,110	14,900	11,800	3,720
21	2,880	2,290	9,890	25,300	27,300	23,600	22,100	10,800	4,560	17,500	11,300	8,590
22	3,970	2,870	2,080	25,500	30,200	25,000	13,000	5,300	8,370	17,240	10,600	5,080
23	3,060	2,390	7,580	24,900	29,600	27,400	19,400	10,600	6,190	16,600	10,200	6,250
24	2,340	2,520	7,650	24,300	27,400	26,700	17,100	10,300	5,160	15,700	10,600	5,950
25	1,920	4,020	6,460	23,000	26,500	22,700	14,800	9,400	4,670	16,200	10,200	5,800
26	2,440	5,520	5,770	21,400	25,300	18,700	13,900	8,620	4,970	15,500	9,660	5,540
27	2,600	3,680	5,100	20,200	21,600	18,300	13,200	8,370	7,240	17,100	9,900	5,080
28	3,000	3,000	5,500	21,500	20,300	17,000	13,900	8,510	6,390	17,300	9,430	5,030
29	4,030	5,130	5,420	21,600	20,700	16,200	16,800	7,760	7,120	16,600	9,460	4,920
30	3,560	6,040	6,570	20,300	-----	15,700	18,100	7,240	6,870	15,200	8,800	5,140
31	2,500	-----	5,800	21,000	-----	14,200	-----	6,320	-----	14,400	8,540	-----
TOTAL	134,930	96,080	205,470	652,570	579,300	760,000	668,100	577,420	196,350	346,790	358,830	212,180
MEAN	4,353	3,203	6,628	21,050	19,980	24,220	22,270	18,630	6,545	11,190	11,900	7,073
MAX	14,100	6,040	10,300	33,000	30,200	38,600	46,300	36,900	8,500	18,000	16,300	12,300
MIN	1,920	2,120	3,620	5,890	14,000	14,200	12,000	6,320	4,560	5,710	8,540	3,720
CFSM	.57	.42	.88	2.78	7.64	3.24	2.94	2.46	.86	1.48	1.53	.93
IN.	.66	.47	1.01	3.21	2.85	3.73	3.28	2.84	.96	1.70	1.76	1.04

CAL YR 1963 TOTAL 2,627,890 MEAN 7,300 MAX 26,900 MIN 1,340 CFSM .95 IN 12.91
WAT YR 1964 TOTAL 4,788,020 MEAN 13,080 MAX 46,300 MIN 1,920 CFSM 1.73 IN 23.52

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,870	7,600	10,100	36,200	15,800	18,700	25,100	10,500	6,580	8,400	7,610	5,330
2	3,930	7,610	10,500	37,400	14,900	18,600	24,500	9,910	5,880	9,430	7,800	5,630
3	3,500	7,840	9,820	36,400	11,000	19,500	23,800	9,430	5,930	9,360	8,350	5,900
4	5,010	6,780	9,650	31,300	11,200	21,100	22,200	9,560	5,620	8,660	8,390	5,990
5	7,890	7,830	10,800	22,600	11,300	20,800	20,900	9,360	5,800	10,000	8,320	6,310
6	10,800	7,760	12,500	16,900	11,300	19,500	18,700	9,030	6,030	10,100	6,670	6,720
7	13,100	7,600	12,900	15,900	11,700	19,100	16,500	8,100	5,590	9,650	7,060	5,820
8	17,500	7,280	14,800	15,900	14,800	17,200	17,900	6,870	6,790	8,600	6,470	6,720
9	21,200	8,160	16,000	14,500	14,800	17,800	17,800	7,320	5,710	13,000	7,350	6,250
10	22,600	6,630	14,900	14,900	17,300	17,500	17,800	7,560	6,090	13,200	8,280	6,150
11	24,200	6,160	13,400	13,700	17,600	16,100	18,100	7,590	6,220	11,400	8,570	6,130
12	25,700	6,760	11,800	11,300	18,200	15,700	18,000	6,970	7,730	11,300	9,640	6,040
13	25,000	7,590	11,400	12,300	19,100	14,800	15,800	6,770	8,570	11,500	9,260	5,790
14	19,100	7,760	11,300	12,500	21,600	16,200	16,100	6,690	9,230	14,700	10,500	5,200
15	19,400	7,130	11,300	11,600	23,800	18,300	14,400	6,690	9,860	16,200	10,100	5,390
16	13,400	8,040	11,200	11,800	24,200	19,100	12,500	6,620	13,800	15,500	10,800	5,320
17	12,900	7,530	11,300	8,790	24,900	19,200	11,500	7,430	18,600	11,500	8,820	5,180
18	13,500	6,250	10,800	11,700	25,100	18,900	12,800	7,070	20,500	10,200	9,760	5,090
19	13,700	6,370	10,700	9,850	27,400	18,400	11,200	6,600	21,500	10,300	6,480	5,180
20	12,500	6,560	11,000	9,810	30,400	18,800	11,200	6,250	20,500	10,300	6,070	4,500
21	13,400	6,990	11,200	11,400	33,400	20,100	12,100	6,100	19,300	8,090	6,100	4,810
22	15,100	7,790	10,500	11,200	34,800	21,500	11,400	6,070	16,300	8,530	5,970	5,190
23	14,200	6,490	10,200	11,300	33,800	23,000	11,100	5,890	15,200	8,510	6,740	4,940
24	13,500	7,790	9,810	11,300	31,800	24,600	11,400	6,870	11,400	7,960	7,040	4,910
25	12,600	7,330	10,200	12,900	29,900	24,400	11,600	6,890	9,660	8,300	5,200	4,960
26	11,400	7,710	14,500	12,500	26,000	22,800	10,800	5,480	10,100	9,190	5,360	5,410
27	10,100	8,890	20,300	14,200	22,100	21,000	10,200	5,220	10,400	8,420	5,200	6,190
28	9,820	8,640	25,400	15,800	18,000	20,600	11,000	5,890	10,400	7,160	5,490	6,340
29	9,650	9,820	31,300	14,500	-----	22,800	10,900	6,060	10,100	6,150	5,620	5,790
30	9,510	11,400	34,500	15,900	-----	25,500	11,100	6,270	9,760	5,880	5,190	5,930
31	9,280	-----	35,200	15,700	-----	25,800	-----	6,420	-----	6,130	5,170	-----
TOTAL	417,360	230,390	449,280	502,950	596,200	617,400	498,500	223,330	318,110	307,190	228,830	169,180
MEAN	13,466	7,432	14,490	16,226	18,910	19,594	15,758	7,204	10,262	9,910	7,153	5,296
MAX	25,700	11,400	35,200	37,400	34,800	25,800	25,100	10,500	21,500	16,200	10,800	6,720
MIN	3,500	6,160	9,650	8,790	11,000	14,800	10,200	5,220	5,590	5,880	5,170	4,500
CFSM	1.78	1.01	1.91	2.14	2.81	2.63	2.02	.95	1.41	1.31	.98	.74
IN.	2.05	1.13	2.21	2.47	2.93	3.03	2.25	1.10	1.57	1.51	1.12	.83

CAL YR 1964: TOTAL 5,448,570 MEAN 14,890 MAX 46,300 MIN 3,500 CFSM 1.97 IN 26.77
WAT YR 1965: TOTAL 4,519,320 MEAN 12,380 MAX 37,400 MIN 3,500 CFSM 1.64 IN 22.20

APALACHICOLA RIVER BASIN

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2-3570 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 ½ miles northeast of Iron City, Seminole County

Drainage area --485 sq mi

Records available --October 1920 to June 1921, June 1937 to September 1965

Gage --Digital water-stage recorder Datum of gage is 85.7 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 Oct 21, 1920, to June 30 1921, staff gage at site 125 ft upstream at different datum June 11, 1937, to Oct 17, 1952, staff gage at site 125 ft upstream at present datum Oct 18, 1952, to July 28, 1964, graphic water-stage recorder at present site and datum

Average discharge --28 years (1937-65), 497 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Apr 18, 1961	1100	* 7,900	17 6	Jan 12, 1964	1600	5,880	16 4	Dec 28, 1964	1200	* 7,660	17 58
May 29, 1961	0100	3,040	13 7	Feb 22, 1964	0300	3,250	14 0	Feb 18, 1965	1500	2,750	13 22
				Mar 6, 1964	0300	* 7,360	17 3	Mar 23, 1965	0100	2,030	11 83
Feb 23, 1962	0400	* 2,510	12 8	Apr 18, 1964	0900	2,210	12 2	Mar 31, 1965	0800	2,840	13 36
				May 3, 1964	2000	6,180	16 6	June 18, 1965	1700	3,110	13 80
Jan 24, 1963	0600	2,740	13 2								
Feb 15, 1963	1800	* 2,860	13 4	Oct 8, 1964	1200	2,260	12 30				

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Water year	Date	Discharge
1961	Dec 10, 11, 1960	91	1964	Oct 30 to Nov 3, 1963	34
1962	Sept 26, 1962	44	1965	Sept 24, 25, 1965	119
1963	Sept 26, 27, 1963	40			

1920-21, 1937-65 Maximum discharge, 12,600 cfs Apr 2, 1948 (gage height, 19.9 ft, from floodmark), from rating curve extended above 8,000 cfs by logarithmic plotting, minimum, 9.1 cfs Oct 30 to Nov 2, 1954

Remarks --Records good

Revisions (water years) --WSP 1052 1939-40(M), 1942(M), 1944(M) WSP 1624 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	336	124	99	113	257	680	585	875	1,240	1,330	247	360
2	386	124	99	116	262	660	660	950	950	1,100	237	386
3	412	120	96	124	252	603	660	875	765	830	222	412
4	412	120	96	128	242	603	680	765	641	680	257	426
5	348	116	96	128	232	660	720	700	533	585	268	399
6	290	113	96	124	227	720	740	641	469	516	279	373
7	279	110	92	120	242	740	660	603	426	484	279	348
8	301	110	92	116	252	680	567	550	386	500	324	348
9	268	106	92	110	262	603	533	516	360	484	440	360
10	252	102	91	110	279	550	500	516	348	469	440	348
11	247	102	92	110	290	516	484	484	324	440	469	324
12	242	102	92	106	312	484	622	550	301	440	386	301
13	232	102	96	110	336	469	925	622	279	469	336	279
14	217	102	99	116	336	454	1,180	680	268	454	301	268
15	202	102	102	124	301	440	1,620	680	279	426	290	274
16	192	102	106	136	290	412	4,350	603	279	603	374	279
17	184	102	113	148	274	399	7,180	516	279	855	469	252
18	174	99	116	166	274	412	7,900	454	290	740	440	232
19	166	99	124	179	290	484	6,660	412	290	603	360	212
20	170	99	128	184	312	533	4,470	373	312	533	301	197
21	174	99	124	174	336	720	2,980	348	469	585	262	188
22	166	99	120	161	360	975	2,210	324	641	680	247	179
23	161	99	116	152	440	1,000	1,740	301	765	641	247	170
24	156	99	113	148	533	855	1,390	324	900	516	247	166
25	152	99	113	148	567	680	1,210	373	1,050	426	262	156
26	148	102	113	156	567	585	1,080	440	1,000	373	290	152
27	144	102	113	166	585	533	950	1,160	900	336	386	146
28	140	102	110	174	560	516	900	2,860	1,080	301	426	148
29	132	102	106	207	-----	500	855	2,980	1,270	274	399	148
30	128	102	106	227	-----	484	830	2,410	1,240	262	348	136
31	124	-----	110	248	-----	484	-----	1,780	-----	257	336	-----
TOTAL	6,935	3,161	3,261	4,528	9,570	18,434	55,841	25,665	18,334	17,192	10,119	7,977
MEAN	224	103	105	146	342	592	1,861	828	511	555	326	266
MAX	412	124	128	247	660	1,000	7,900	2,980	1,270	1,330	469	426
MIN	124	99	91	106	227	399	484	301	268	257	222	136
CFSM	.46	.22	.22	.30	.70	1.23	3.84	1.71	1.26	1.14	.67	.55
IN.	.53	.24	.25	.35	.73	1.41	4.28	1.97	1.41	1.32	.78	.61

CAL YR 1960: TOTAL 193,655

MEAN 529

MAX 8,260

MIN 51

CFSM 1.02

IN 13.85

WAT YR 1961: TOTAL 181,017

MEAN 496

MAX 7,660

MIN 51

CFSM 1.02

IN 13.85

2-3570 Spring Creek near Iron City, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	132	68	82	194	368	1,050	840	486	147	206	189	105
2	127	68	78	206	406	1,000	1,050	486	142	206	189	87
3	122	67	76	211	419	1,020	1,460	486	137	178	142	84
4	118	67	73	222	380	1,080	1,860	472	132	152	118	74
5	118	66	72	228	356	1,180	1,860	419	127	152	101	77
6	114	67	70	244	332	1,270	1,580	380	127	137	91	82
7	109	72	70	260	321	1,210	1,240	344	122	132	83	79
8	109	74	70	260	310	1,100	1,180	332	132	152	79	79
9	109	71	70	250	310	975	1,580	310	147	194	79	74
10	105	70	69	288	310	860	1,740	299	172	194	95	68
11	100	69	72	432	299	800	1,780	277	211	157	127	65
12	98	68	82	686	288	761	1,620	272	233	127	118	67
13	95	67	137	742	288	723	1,460	260	255	109	93	67
14	92	67	178	580	288	723	1,428	255	250	104	79	68
15	89	67	216	486	277	723	1,620	244	255	98	71	63
16	87	68	255	432	288	742	1,500	233	233	95	72	66
17	84	69	266	406	310	723	1,270	228	95	194	95	77
18	83	69	289	380	321	723	1,080	222	147	105	85	57
19	82	69	310	368	393	742	925	238	152	118	90	54
20	81	68	299	356	486	723	820	250	162	114	81	59
21	79	67	272	344	766	686	742	222	172	118	72	63
22	78	67	332	312	1,900	614	686	206	114	118	70	60
23	77	67	233	321	2,410	580	632	189	184	105	69	57
24	76	95	222	310	2,110	580	580	172	189	91	67	50
25	76	105	211	299	1,660	563	546	162	216	84	74	46
26	74	109	200	299	1,330	563	500	157	233	84	98	47
27	72	105	200	299	1,210	546	486	147	216	87	114	75
28	71	99	194	321	1,120	530	458	142	194	90	152	132
29	70	93	194	321	-----	515	472	132	216	87	200	233
30	69	87	189	332	-----	486	486	167	206	95	189	288
31	69	-----	184	344	-----	546	-----	162	-----	132	142	-----
TOTAL	2,860	2,273	5,187	10,753	19,346	24,318	33,473	8,345	5,495	3,909	3,306	2,487
MEAN	92.3	75.8	167	347	691	784	1,116	269	183	126	107	82.9
MAX	132	109	310	742	2,410	1,270	1,860	486	255	206	200	288
MIN	65	68	194	310	277	580	1,180	127	84	67	67	57
CFSM	.19	.16	.34	.72	1.42	1.62	2.30	.96	.38	.26	.22	.17
IN.	.22	.17	.40	.82	1.48	1.86	2.57	.64	.42	.30	.25	.19

CAL YR 1961:	TOTAL 177,980	MEAN 488	MAX 7,900	MIN 65	CFSM 1.01	IN 13.65
WAT YR 1962:	TOTAL 121,752	MEAN 334	MAX 2,410	MIN 46	CFSM .69	IN 9.34

WAT YR 1962: TOTAL 121,752 MEAN 334 MAX 2,410 MIN 46 CFSM .69 IN 9.34

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	244	62	184	233	1,000	950	515	238	178	632	344	87
2	238	61	216	260	975	880	472	288	178	614	799	84
3	233	60	260	277	950	820	445	310	167	530	272	79
4	211	59	288	299	925	761	419	277	147	486	238	74
5	206	57	299	288	900	723	406	266	172	406	211	69
6	200	56	310	266	900	723	393	244	109	332	189	69
7	194	56	288	260	880	704	406	216	101	288	172	65
8	189	57	260	255	840	686	406	194	101	260	157	63
9	184	64	244	260	780	668	445	178	114	244	142	60
10	162	77	233	266	742	650	500	167	122	266	152	58
11	137	95	228	266	704	632	530	157	118	344	172	56
12	122	109	228	299	723	614	546	147	118	458	178	56
13	114	114	222	332	800	632	500	142	114	500	178	56
14	105	114	216	380	1,380	704	432	137	106	472	189	56
15	97	109	216	486	2,680	820	380	137	99	393	206	54
16	91	101	206	597	2,410	975	356	142	91	332	200	53
17	87	92	206	614	1,740	1,050	321	147	86	288	211	52
18	82	84	200	563	1,330	1,080	310	94	82	255	222	50
19	79	80	200	519	1,150	1,050	288	152	109	238	194	49
20	74	78	200	546	1,050	975	277	152	132	228	167	47
21	73	80	200	742	1,050	860	272	172	152	238	189	46
22	70	194	1,500	1,080	1,080	260	288	114	152	288	157	46
23	80	96	189	2,410	1,150	723	250	178	299	255	167	44
24	87	99	189	2,680	1,180	668	238	157	472	266	152	43
25	91	101	189	2,310	1,100	632	228	142	632	277	127	42
26	85	101	194	1,820	1,000	597	216	132	632	272	114	40
27	78	105	194	1,420	950	632	206	127	668	299	101	41
28	72	101	200	1,210	950	563	200	127	632	356	98	51
29	68	105	211	1,100	-----	546	194	142	515	393	94	91
30	65	137	222	1,020	-----	563	189	167	486	432	93	122
31	63	-----	222	1,020	-----	546	-----	172	-----	419	88	-----
TOTAL	3,890	2,600	6,908	24,424	31,319	23,207	10,600	5,548	7,104	11,091	5,504	1,802
MEAN	125	86.7	223	760	1,119	749	333	175	237	358	178	60.1
MAX	244	137	310	2,680	2,680	1,080	546	310	668	632	344	122
MIN	84	184	233	704	632	820	472	109	101	288	172	61
CSF	26	18	46	1.63	2.31	1.54	.73	.37	.49	.74	.37	.12
IN.	.30	.20	.53	1.88	2.40	1.78	.81	.43	.54	.85	.42	.14

CAL YR 1962: TOTAL	124.830	MEAN	342	MAX	2.410	MIN	46	CFSM	71	IN	8.57
MAY YR 1963: TOTAL	132.067	MEAN	367	MAX	2.680	MIN	40	CFSM	76	IN	10.28

2-3570 Spring Creek near Iron City, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	137	34	82	288	1,120	2,160	975	2,680	344	194	565	429
2	137	34	87	368	1,050	2,210	900	2,860	344	189	559	391
3	122	34	88	458	1,000	2,410	840	5,450	321	184	485	360
4	114	36	87	632	925	3,580	780	5,730	299	200	416	343
5	97	38	87	925	925	6,340	742	4,820	299	211	379	319
6	83	38	82	1,120	975	6,820	723	3,670	310	228	373	707
7	74	40	76	1,120	1,000	5,190	704	2,800	356	228	402	786
8	68	40	71	1,100	1,080	3,760	704	2,160	393	211	488	273
9	63	41	67	1,540	1,150	2,920	704	1,700	380	206	585	260
10	59	41	65	2,680	1,270	2,360	723	1,360	406	194	704	251
11	55	41	63	4,250	1,300	1,980	780	1,180	419	172	769	290
12	53	42	65	5,570	1,270	1,740	800	1,050	380	172	873	479
13	51	43	95	5,060	1,210	1,540	780	950	332	206	997	617
14	48	43	137	3,850	1,120	1,390	820	880	299	250	1,180	729
15	47	41	152	3,110	1,020	1,300	1,020	840	272	266	1,220	828
16	45	40	162	2,620	1,000	1,240	1,300	1,080	255	260	1,110	870
17	44	39	178	2,410	1,000	1,270	1,860	1,300	238	250	924	803
18	42	38	194	2,310	1,150	1,330	2,160	1,100	222	272	777	661
19	41	38	206	2,310	1,500	1,420	1,900	860	211	344	668	534
20	40	38	222	2,310	2,160	1,580	1,500	742	200	332	604	462
21	38	38	222	2,260	2,980	1,500	1,210	632	189	380	627	417
22	38	38	206	2,110	3,110	1,460	1,020	580	184	445	761	386
23	37	42	194	1,860	2,510	1,390	900	530	178	419	759	364
24	36	49	189	1,660	1,940	1,390	820	486	184	368	718	346
25	36	54	189	1,500	1,620	1,270	742	472	189	344	805	326
26	37	57	194	1,390	1,420	1,270	742	458	189	332	868	309
27	36	57	206	1,300	1,390	1,240	860	419	200	321	926	297
28	36	57	200	1,240	1,660	1,180	1,460	406	200	310	875	288
29	36	63	194	1,210	1,980	1,150	2,460	393	206	380	716	279
30	35	73	189	1,270	1,970	1,120	2,740	380	206	449	549	272
31	34	-----	206	1,240	-----	1,080	-----	368	-----	529	482	-----
TOTAL	1,819	1,307	4,455	61,091	41,835	66,530	33,669	48,336	8,205	8,846	22,184	12,771
MEAN	58.7	43.6	144	1,971	1,443	2,146	1,122	1,559	274	285	716	426
MAX	137	73	222	5,590	3,110	6,820	2,740	5,730	479	529	1,220	870
MIN	34	34	63	288	925	1,080	704	368	178	172	373	251
CFSM	.12	.09	.30	4.06	2.97	4.43	2.31	3.21	.56	.59	1.48	.88
IN.	.14	.10	.34	4.68	3.21	5.10	2.58	3.71	.63	.68	1.70	.98

CAL YR 1963: TOTAL 128,250

MEAN 351

MAX 2,680

MIN 34

CFSM .72

IN 9.83

WAT YR 1964: TOTAL 311,048

MEAN 850

MAX 6,820

MIN 34

CFSM 1.75

IN 23.85

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	265	483	681	2,420	800	1,200	2,410	1,030	187	826	286	184
2	263	465	622	1,980	773	1,360	2,020	861	181	748	275	179
3	291	454	581	1,730	771	1,670	1,750	710	177	687	262	140
4	537	442	632	1,950	795	1,870	1,540	1,030	186	697	249	177
5	1,010	431	800	1,400	790	1,910	1,370	565	202	624	244	173
6	1,610	421	956	1,290	788	1,840	1,230	495	206	593	257	165
7	2,070	413	1,090	1,200	923	1,630	1,120	456	205	562	244	158
8	2,240	406	1,260	1,120	1,060	1,390	1,040	425	213	565	240	151
9	2,010	397	1,300	1,050	1,330	1,250	955	399	220	618	241	143
10	1,600	389	1,240	990	1,550	1,140	873	376	240	693	251	140
11	1,260	383	1,130	943	1,570	1,070	803	354	309	768	282	139
12	1,040	377	1,030	903	1,480	1,030	734	335	407	768	365	136
13	889	373	1,070	865	1,690	1,000	682	319	514	925	512	132
14	835	371	1,080	830	1,970	1,010	628	304	695	956	498	129
15	1,060	368	1,090	800	2,250	1,030	581	291	1,110	872	367	125
16	1,220	365	1,040	767	2,440	1,030	540	279	1,700	757	304	124
17	1,350	363	1,070	730	2,400	1,020	500	270	2,600	698	275	134
18	1,440	361	995	710	2,730	965	468	272	3,070	617	248	142
19	1,460	357	924	694	2,680	900	453	253	2,830	524	236	156
20	1,330	373	860	676	2,520	985	502	246	2,320	465	244	139
21	1,180	386	816	654	2,340	1,290	552	239	2,140	428	264	128
22	1,020	381	783	630	2,080	1,920	698	234	1,760	403	274	122
23	887	389	764	639	1,800	1,970	863	229	1,330	385	239	122
24	801	419	747	835	1,580	1,750	845	223	1,060	366	215	119
25	734	507	805	988	1,430	1,480	718	218	895	346	203	119
26	683	589	1,110	1,150	1,340	1,290	698	212	897	338	193	124
27	642	654	4,770	1,230	1,280	1,260	833	206	1,010	344	194	128
28	605	716	7,540	1,190	1,230	1,350	978	203	1,100	372	182	142
29	575	754	6,340	1,060	-----	1,750	1,140	213	1,130	346	178	158
30	544	736	4,510	930	-----	2,520	1,170	201	990	323	176	172
31	510	-----	3,140	893	-----	2,760	-----	193	-----	303	186	-----
TOTAL	31,961	13,923	50,776	32,807	44,590	44,660	28,694	11,204	29,884	17,857	8,174	4,340
MEAN	1,031	451	1,638	1,058	1,593	1,441	956	361	996	576	264	145
MAX	2,240	736	7,540	2,420	2,730	2,780	2,410	1,030	3,070	956	512	184
MIN	263	357	581	630	771	900	453	193	177	303	176	119
CFSM	2.13	.93	3.38	2.18	3.28	2.97	1.97	.75	2.05	1.19	.54	.30
IN.	2.45	1.04	3.89	2.52	3.42	3.42	2.20	.86	2.29	1.37	.63	.33

CAL YR 1964: TOTAL 399,727

MEAN 1,092

MAX 7,540

MIN 176

CFSM 2.25

IN 30.65

WAT YR 1965: TOTAL 310,470

MEAN 873

MAX 7,540

MIN 176

CFSM 1.80

IN 24.42

2-3575 Lake Seminole at Chattahoochee, Fla

Location (revised) --Lat 30°42'29", long 84°51'56", on NE $\frac{1}{4}$ sec 31, T 4 N , R 6 W , on right upstream lock wall of Jim Woodruff Dam on Chattahoochee River, 0.6 mile upstream from bridge on U S Highway 90 and 1.5 miles northwest of Chattahoochee, Gadsden County

Surface area --37,500 acres (58.6 sq mi), at elevation 77.0 ft above mean sea level, from data furnished by Corps of Engineers

Drainage area --17,100 sq mi, approximately

Records available --July 1954 to September 1965 Prior to October 1959, published as Jim Woodruff Reservoir at Chattahoochee

Gage --Water-stage recorder Datum of gage is at mean sea level, datum of 1929 (levels by Corps of Engineers) Prior to July 22, 1957, staff gage at same site at datum 53.96 ft higher, gage readings have been reduced to elevations above mean sea level

Extremes --Maximums and minimums (contents in acre-feet, elevation in feet) for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Contents	Elevation	Date	Contents	Elevation
1961	July 22, 1961	405,000	77.97	Mar 4, 1961	365,400	76.95
1962	Mar 31, 1962	403,000	77.92	Oct 20, 1961	340,700	76.27
1963	July 7, 1963	405,400	77.98	Nov 7, 1962	292,200	74.83
1964	Apr 12, 1964	411,800	78.14	Nov 5, 1963	313,400	75.48
1965	Many days	405,400	77.98	Mar 22, 1965	369,200	77.05

1954-65 Maximum contents, 433,300 acre-ft Apr 7, 8, 1960 (elevation, 78.66 ft), minimum after Feb 4, 1957, 292,200 acre-ft Nov 7, 1962 (elevation, 74.83 ft)

Remarks --Lake is formed by earthfill dam with concrete fixed-crest spillway, a center channel spillway with 16 vertical lift gates 40 ft long and 30.5 ft high, and a side channel navigation lock 82 ft wide Total capacity at elevation 77.0 ft (normal pool) is 367,320 acre-ft, of which 36,170 acre-ft between elevation 77.0 and 78.0 ft are used for pondage Gates closed on May 20, 1954, filling of lake accomplished in several stages between that date and Feb 4, 1957, when the pool first reached normal operating level, elevation 77.0 ft Figures given herein represent total contents Lake is used for navigation and power

Cooperation --Records furnished by Corps of Engineers

Revisions (water years) --WSP 1554 1955-57

MONTH-END ELEVATION AND CONTENTS AT 2400, WATER YEARS 1961-65								
Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)	Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)	
Oct 31, 1960	77.49	386,000	-8,200	Oct 31, 1963	75.98	330,500	-38,300	
Nov 30	77.57	389,100	+3,100	Nov 30	76.83	361,000	+30,500	
Dec 31	77.27	377,500	-11,600	Dec 31	77.75	396,200	+35,200	
Calendar year 1960				Calendar year 1963				
Jan 31, 1961	77.56	388,700	+11,200	Jan 31, 1964	77.58	389,500	-6,700	
Feb 28	77.25	376,800	-11,900	Feb 29	77.40	382,500	-7,000	
Mar 31	77.40	382,500	+5,700	Mar 31	77.31	379,100	-3,400	
Apr 30	77.72	395,000	+12,500	Apr 30	77.56	388,700	+9,600	
May 31	77.84	399,800	+4,800	May 31	77.71	394,600	+5,900	
June 30	77.82	399,000	-800	June 30	77.78	397,400	+2,800	
July 31	77.70	394,200	-4,800	July 31	77.81	398,600	+1,200	
Aug 31	77.78	397,400	+3,200	Aug 31	77.55	388,400	-10,200	
Sept 30	77.34	380,200	-17,200	Sept 30	77.46	384,900	-3,500	
Water year 1961				Water year 1964				
	-	-	-14,000		-	-	+16,100	
Oct 31	76.52	349,600	-30,600	Oct 31	77.70	394,200	+9,300	
Nov 30	77.40	382,500	+32,900	Nov 30	77.71	394,600	+400	
Dec 31	77.65	392,300	+9,800	Dec 31	77.72	395,000	+400	
Calendar year 1961				Calendar year 1964				
	-	-	+14,800		-	-	-1,200	
Jan 31, 1962	77.58	389,500	-2,800	Jan 31, 1965	77.51	386,800	-8,200	
Feb 28	77.89	401,800	+12,300	Feb 28	77.28	377,900	-8,900	
Mar 31	77.92	403,000	+1,200	Mar 31	77.65	392,300	+14,400	
Apr 30	77.65	392,300	-10,700	Apr 30	77.91	402,600	+10,300	
May 31	77.69	393,800	+1,500	May 31	77.77	397,000	+5,600	
June 30	77.69	393,800	0	June 30	77.83	399,400	+2,400	
July 31	77.40	382,500	-11,300	July 31	77.72	395,000	-4,400	
Aug 31	76.97	366,200	-16,300	Aug 31	77.85	400,200	+5,200	
Sept 30	76.44	346,700	-19,500	Sept 30	77.58	389,500	-10,700	
Water year 1962				Water year 1965				
	-	-	-33,500		-	-	+4,600	
Oct 31	75.31	307,700	-39,000					
Nov 30	77.85	400,200	+92,500					
Dec 31	77.90	402,200	+2,000					
Calendar year 1962								
	-	-	+9,900					
Jan 31, 1963	77.65	392,300	-9,900					
Feb 28	77.81	398,600	+6,300					
Mar 31	77.72	395,000	-3,600					
Apr 30	77.77	397,000	+2,000					
May 31	77.89	401,800	+4,800					
June 30	77.78	397,400	-4,400					
July 31	77.75	396,200	-1,200					
Aug 31	77.15	373,000	-23,200					
Sept 30	77.04	368,800	-4,200					
Water year 1963								
	-	-	+22,100					

2-3580 Apalachicola River at Chattahoochee, Fla

Location --Lat 30°42'03", long 84°51'33", in sec 32, T 4 N., R 6 W., 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 --17,200 sq mi (revised), approximately

Records available --October 1928 to September 1965 Monthly discharge only for some periods, published in WSP 1304 Prior to October 1939, published as "near River Junction" Gage-height records collected at site 0.9 mile downstream October 1919 to September 1925 and at site approximately 100 ft downstream October 1925 to December 1958 are contained in reports of U S Weather Bureau

Gage --Digital water-stage recorder Datum of gage is 40.58 ft above mean sea level, datum of 1929 (U S Weather Bureau bench mark) Prior to Dec 16, 1939, graphic water-stage recorder at site 0.9 mile downstream at datum 4.27 ft higher Dec 16, 1939, to June 25, 1952, graphic water-stage recorder, June 26, 1952, to June 2, 1954, wire-weight gage, and June 3, 1954, to Oct 14, 1958, graphic water-stage recorder, at site approximately 100 ft downstream at datum 5.00 ft higher Oct 15, 1958, to Feb 13, 1963, graphic water-stage recorder at present site and datum

Average discharge --37 years, 21,900 cfs (unadjusted)

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Mar 5, 1961	135,000	29.87	Sept 30, 1961	8,730	3.54
1962	Apr 16, 1962	77,900	24.46	Oct 22, 1961	8,680	2.16
1963	Jan 24, 1963	67,900	23.04	Nov 8, 1962	6,100	1.36
1964	Apr 13, 1964	146,000	30.04	Oct 28, 1963	7,140	1.61
1965	Dec 29, 1964	106,000	26.52	May 28, 1965	10,400	3.45

1928-65 Maximum discharge, 293,000 cfs Mar 20, 1929 (gage height, 38.97 ft, present datum), from rating curve extended above 200,000 cfs, minimum, 4,950 cfs Oct 27, 1954, minimum gage height, 1.34 ft Nov 8, 1962
Maximum stage known, 38.97 ft Mar 20, 1929

Remarks --Records good below 20,000 cfs and fair above Flow regulated by Lake Sidney Lanier, Bartletts Ferry Reservoir (Lake Harding), and by Lake Seminole Records of chemical analyses for the water years 1962, 1964-65 and of water temperatures for the water year 1965 are published in reports of the Geological Survey

Cooperation --Forty-four discharge measurements furnished by Corps of Engineers

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	19,300	9,660	10,300	13,500	13,000	125,000	46,400	40,100	24,700	27,000	24,200
2	19,100	9,430	10,800	13,500	13,400	134,000	64,100	41,600	23,500	24,200	22,100
3	18,700	9,270	10,800	11,800	12,800	134,000	75,600	43,100	19,900	20,200	19,800
4	18,900	10,100	10,800	11,400	15,300	113,000	84,900	43,000	18,000	20,000	18,100
5	19,100	11,200	10,800	11,000	14,400	68,400	78,800	42,400	16,900	19,100	14,500
6	19,200	9,100	11,400	11,500	13,700	58,400	59,800	37,100	14,700	18,000	17,000
7	19,000	8,970	10,100	12,300	14,300	53,600	33,200	33,400	14,700	18,000	17,900
8	16,400	9,020	10,000	13,600	14,500	50,500	31,600	32,900	19,800	19,100	16,200
9	13,400	10,500	10,500	13,100	15,000	47,900	51,600	33,700	17,200	19,000	13,500
10	12,900	10,100	11,600	11,100	15,600	45,000	48,400	33,300	13,000	17,000	14,300
11	12,600	10,600	12,400	10,900	15,000	43,600	42,900	29,100	11,800	16,200	16,400
12	12,700	8,970	12,500	10,900	13,100	37,500	48,100	28,200	11,700	16,200	12,900
13	12,700	9,590	12,500	10,900	13,400	32,300	57,300	27,400	11,800	19,500	11,800
14	12,800	8,970	11,500	11,500	13,000	33,200	61,000	29,700	12,800	24,000	12,300
15	12,500	8,900	11,800	12,400	13,000	33,600	65,200	27,900	14,600	34,800	13,800
16	12,600	10,500	12,100	11,400	12,200	33,200	79,000	27,700	14,600	28,800	13,900
17	12,400	11,200	12,200	11,900	12,000	31,800	82,000	27,900	14,500	25,100	11,800
18	11,600	9,360	12,800	12,100	11,400	33,800	81,800	27,600	14,500	22,800	13,600
19	10,900	11,100	12,500	12,500	11,500	33,200	74,500	24,000	15,600	21,100	14,100
20	10,900	9,880	12,000	12,500	22,600	33,900	67,000	20,500	18,900	20,800	12,100
21	10,900	10,500	12,000	12,400	44,500	32,000	59,000	20,700	24,400	21,200	11,500
22	10,800	13,100	12,000	12,300	59,100	30,400	53,800	18,800	21,100	26,100	11,300
23	10,800	9,860	12,400	12,800	67,400	30,700	49,400	14,100	26,700	22,900	11,100
24	10,700	9,070	12,600	12,900	75,200	28,800	45,400	15,000	30,100	19,900	10,800
25	10,800	9,920	13,000	13,200	79,500	27,100	40,800	19,200	30,400	17,800	10,700
26	11,000	9,900	13,200	14,400	93,400	25,700	37,700	28,100	27,800	17,300	10,700
27	9,410	10,300	12,100	14,600	101,000	20,800	36,000	34,600	27,000	16,400	10,800
28	9,220	12,400	9,630	15,400	119,000	20,400	40,600	34,500	28,300	15,000	10,700
29	9,220	12,100	9,650	17,700	-----	24,200	39,400	31,500	30,800	14,800	9,430
30	9,120	11,300	10,900	14,700	-----	25,500	39,400	24,000	31,100	14,600	8,850
31	9,150	-----	12,600	13,100	-----	29,100	-----	21,800	-----	13,600	-----
TOTAL	408,820	304,870	359,480	393,300	918,300	1,470,600	1,714,700	912,900	601,000	630,500	422,880
MEAN	13,190	10,160	11,600	12,690	32,800	47,440	57,160	29,450	20,030	20,340	14,100
MAX	19,300	13,100	13,200	17,700	119,000	134,000	84,900	43,100	31,100	34,800	24,200
MIN	9,120	8,900	9,630	10,900	11,400	20,400	36,000	14,100	11,700	13,600	8,850

CAL YR 1960: TOTAL 8,741,860 MEAN 23,880 MAX 154,000 MIN 8,790
WAT YR 1961: TOTAL 8,641,050 MEAN 23,670 MAX 134,000 MIN 8,850

M Expressed in thousand

2-3580 Apalachicola River at Chattahoochee, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8,810	7,700	9,830	20,100	29,300	49,200	49,400	34,700	12,100	11,600	9,890	9,720
2	8,830	8,480	10,100	20,000	28,300	49,200	62,800	33,700	10,700	10,800	9,800	10,700
3	8,800	8,720	10,100	20,500	29,300	50,900	69,300	26,900	10,800	12,800	10,700	9,230
4	8,690	8,410	10,100	21,300	28,200	49,100	65,100	22,700	12,900	15,100	10,600	8,930
5	8,400	8,620	10,200	20,500	26,300	47,900	56,400	23,700	14,700	16,700	10,600	10,100
6	8,370	8,010	9,660	31,100	24,200	44,700	49,200	23,800	14,300	15,700	10,500	9,630
7	8,080	7,890	9,170	47,600	21,600	39,800	48,800	21,500	15,300	13,900	10,800	9,800
8	8,770	8,180	9,580	48,100	20,200	35,300	56,900	20,900	16,400	13,100	11,100	10,200
9	9,170	7,980	10,300	47,200	21,300	36,200	57,700	21,400	16,100	16,300	12,000	9,250
10	7,710	7,880	11,200	45,500	23,200	35,000	56,300	21,100	13,400	18,200	11,500	9,190
11	9,030	7,920	9,930	41,900	21,700	33,500	52,700	20,700	12,800	16,600	10,600	9,770
12	8,320	9,830	15,100	35,200	18,700	39,300	53,200	20,200	14,600	13,900	10,500	9,750
13	11,000	8,490	28,300	34,100	16,500	51,800	61,000	19,000	15,600	13,500	9,950	9,230
14	8,100	8,290	39,400	34,000	16,200	58,600	67,400	15,800	18,300	13,100	9,680	9,270
15	7,940	8,270	50,600	33,300	16,600	60,100	73,400	12,500	20,700	13,200	9,760	9,190
16	8,160	8,250	62,000	27,500	18,400	55,400	76,000	12,500	19,800	11,900	9,700	10,200
17	8,040	8,370	65,000	26,000	20,200	48,600	64,700	13,500	18,200	12,800	9,660	9,300
18	8,400	9,080	66,100	24,800	20,200	47,300	52,400	15,200	16,900	12,100	10,200	9,300
19	8,880	8,590	58,700	24,600	26,600	46,700	49,100	14,800	13,600	10,700	10,000	9,820
20	8,570	8,380	49,700	28,000	38,300	45,300	46,900	14,400	13,200	10,700	10,100	9,630
21	7,800	9,200	48,700	33,700	42,200	42,900	45,100	14,400	13,500	12,800	10,500	9,320
22	7,410	8,460	48,100	37,800	39,500	39,500	42,100	14,400	15,300	11,100	10,500	9,340
23	7,040	8,480	43,300	35,100	40,200	36,600	36,200	14,400	16,800	10,700	10,100	10,300
24	7,590	9,610	38,600	34,400	47,800	32,800	32,200	14,200	16,600	11,400	10,100	10,400
25	7,340	9,700	31,800	31,400	57,300	32,100	33,600	13,100	15,600	9,820	10,100	8,890
26	7,410	9,720	30,600	31,000	60,000	32,200	32,900	12,900	14,400	9,760	10,100	9,700
27	8,490	9,700	30,200	35,800	59,700	33,600	31,200	13,500	14,500	11,500	9,870	8,550
28	7,880	9,610	27,700	36,600	53,800	31,800	28,800	10,500	14,200	10,100	9,610	9,150
29	7,640	9,610	22,300	35,600	-----	31,800	30,800	10,400	13,800	9,820	9,360	8,980
30	9,020	9,770	20,200	33,600	-----	31,700	32,900	12,600	13,000	11,000	11,400	9,570
31	9,000	-----	20,000	31,000	-----	34,800	-----	11,800	-----	10,500	9,840	-----
TOTAL	258,690	261,200	907,270	1,005,310	865,100	1,303,710	1,514,610	550,300	447,600	391,200	319,120	285,610
MEAN	8,345	8,707	29,270	32,430	30,900	42,050	50,490	17,750	14,920	12,620	10,250	9,314
MAX	11,000	9,830	66,100	60,000	60,000	60,100	76,000	34,700	20,200	18,200	12,000	10,700
MIN	7,040	7,700	9,170	20,000	16,200	31,700	28,800	10,400	10,700	9,760	9,360	8,550

CAL YR 1961 TOTAL 8,995,040 MEAN 24,640 MAX 134,000 MIN 7,040
 MAY YR 1962 TOTAL 8,109,490 MEAN 22,220 MAX 76,000 MIN 7,040

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8,620	7,020	21,200	14,200	20,900	20,900	32,700	21,700	22,900	27,600	20,200	9,460
2	9,380	9,320	19,100	14,900	20,600	23,600	32,900	29,100	22,500	24,200	19,800	9,060
3	10,400	8,980	16,100	16,200	21,000	23,000	33,000	38,000	17,100	25,500	19,400	9,020
4	10,400	7,810	14,200	17,600	23,400	20,600	33,000	39,000	16,100	26,600	18,200	9,000
5	10,200	7,880	15,700	16,400	25,200	20,400	32,600	41,300	16,000	21,800	16,300	9,000
6	10,100	8,800	16,100	15,200	25,000	21,400	31,700	42,800	16,000	21,700	13,900	9,060
7	9,210	8,750	14,900	15,500	22,300	21,700	34,300	31,100	14,600	22,300	15,400	9,530
8	9,800	7,060	15,100	14,400	20,500	21,500	31,800	23,900	12,400	20,100	18,900	9,060
9	10,900	8,860	14,500	12,300	20,800	20,900	26,200	23,800	10,800	19,400	17,500	9,000
10	11,300	6,960	10,900	11,300	21,600	22,200	30,300	23,500	11,100	19,200	13,700	9,060
11	10,300	7,810	11,000	11,100	22,500	22,200	32,500	22,000	10,700	17,800	10,800	9,070
12	9,970	8,150	11,700	15,600	37,600	22,300	27,000	22,300	11,300	18,700	11,100	8,610
13	9,510	7,380	11,100	20,100	43,500	25,700	19,900	25,300	11,500	19,700	10,400	8,620
14	9,740	8,100	10,900	18,900	46,800	27,600	16,100	22,300	9,630	15,400	12,100	8,580
15	9,110	8,150	10,900	16,600	50,000	27,400	15,400	21,400	9,750	11,400	10,200	8,420
16	9,720	8,300	11,500	16,400	50,200	26,000	14,000	20,100	12,500	12,200	11,000	8,330
17	10,000	8,660	11,800	16,900	43,300	22,700	14,100	17,900	10,500	12,000	13,500	8,390
18	9,720	8,930	11,100	18,700	33,200	22,300	15,900	15,000	11,200	10,500	10,200	8,500
19	9,700	9,300	10,900	21,000	35,400	21,800	15,900	13,400	12,800	10,400	8,690	8,480
20	10,200	9,230	10,900	29,000	39,200	24,100	14,900	11,600	13,000	10,800	9,440	8,420
21	8,780	9,380	10,300	45,800	38,800	27,300	13,900	12,100	13,700	10,700	9,350	8,840
22	8,440	10,500	10,500	56,400	36,200	27,400	13,700	11,500	15,300	12,700	8,220	8,470
23	9,340	12,500	10,700	62,800	33,500	27,300	13,000	10,500	21,300	11,700	8,190	8,390
24	8,750	13,700	10,400	66,700	34,000	28,800	13,400	12,500	28,400	11,100	8,170	8,360
25	7,780	14,500	11,400	61,000	28,800	20,400	12,400	10,800	36,300	15,500	8,540	8,640
26	6,730	15,100	11,600	52,600	25,900	20,500	10,600	11,100	31,900	19,500	8,630	8,840
27	7,610	16,100	11,200	48,700	21,400	21,900	10,600	11,800	27,200	19,900	9,110	8,930
28	6,840	17,100	10,100	45,800	20,500	24,500	10,400	10,300	27,600	19,900	9,160	9,140
29	6,900	18,100	10,100	40,500	-----	27,100	10,700	10,600	31,000	20,200	9,480	10,100
30	8,170	21,900	11,300	34,400	-----	29,700	14,500	11,000	31,600	19,300	9,420	8,840
31	8,440	-----	12,000	26,200	-----	31,600	-----	15,000	-----	19,700	9,550	-----
TOTAL	286,060	314,330	389,300	873,200	862,100	739,800	627,400	632,700	536,680	547,500	378,550	265,220
MEAN	9,228	10,480	12,560	28,170	30,790	23,860	20,910	20,410	17,890	17,660	12,210	8,941
MAX	11,300	21,900	21,200	66,700	50,200	31,600	34,300	42,800	36,300	27,600	20,200	10,100
MIN	6,730	6,960	10,100	11,100	20,500	20,400	10,400	10,300	9,630	10,400	8,170	8,330

CAL YR 1962 TOTAL 7,672,020 MEAN 21,020 MAX 76,000 MIN 6,730
 MAY YR 1963 TOTAL 6,452,840 MEAN 17,680 MAX 66,700 MIN 6,730

2-3580 Apalachicola River at Chattahoochee, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9,340	9,150	9,180	22,700	52,400	52,500	39,300	91,900	19,100	18,900	33,800	18,700
2	9,540	9,210	9,080	20,400	47,600	42,200	39,700	95,800	22,500	19,600	30,700	19,400
3	9,970	9,120	9,700	21,800	61,100	62,000	43,000	102,000	23,000	23,000	29,100	20,000
4	10,400	9,150	9,940	20,100	37,900	76,800	39,700	100,000	22,000	13,800	30,800	17,000
5	10,700	9,230	10,200	22,400	37,600	85,300	29,400	104,000	23,800	15,600	31,900	14,100
6	10,600	9,210	10,400	23,400	37,500	97,700	27,900	110,000	22,300	18,400	31,100	13,500
7	10,700	9,230	10,300	35,000	37,500	104,000	45,000	105,000	15,000	20,400	29,100	12,400
8	10,400	9,190	9,830	44,000	44,900	95,000	66,800	85,000	14,300	20,600	28,000	15,700
9	10,100	9,120	9,420	54,900	42,600	80,800	90,700	68,400	19,300	23,500	22,800	18,800
10	9,800	9,120	9,440	73,400	35,000	73,000	107,000	66,000	17,000	22,600	21,200	19,400
11	9,400	9,170	9,450	74,800	36,800	71,000	129,000	61,200	17,400	19,200	21,300	18,700
12	9,250	9,210	11,200	75,000	39,400	65,800	140,000	54,100	17,300	15,300	22,300	17,000
13	9,080	9,140	15,400	69,200	42,300	61,500	141,000	48,700	15,300	15,100	32,000	20,700
14	8,930	9,120	20,300	67,100	44,500	55,700	120,000	45,700	11,900	21,700	38,100	19,500
15	8,860	9,060	35,500	69,700	43,700	54,700	97,800	45,800	14,100	24,500	44,100	20,600
16	8,930	9,100	41,400	69,600	38,900	59,300	95,600	43,500	18,800	25,100	40,700	20,700
17	8,500	9,060	38,100	66,700	33,800	58,700	94,500	38,200	17,600	25,200	35,000	22,500
18	8,480	9,370	29,400	57,400	43,800	62,200	88,500	33,500	15,400	25,400	34,700	26,700
19	8,460	9,230	33,600	45,400	58,100	63,700	76,400	37,200	14,300	25,800	34,600	23,200
20	8,480	9,120	36,700	42,700	63,400	65,600	59,400	33,700	13,300	25,800	32,900	18,000
21	8,350	9,410	34,700	46,800	70,000	65,700	54,500	30,400	12,200	27,700	29,500	17,800
22	8,460	9,170	21,500	58,900	71,300	63,300	53,700	32,100	12,900	36,100	23,800	18,700
23	8,640	9,070	18,200	60,700	61,900	61,200	54,100	27,900	14,900	37,100	20,800	17,500
24	10,200	9,030	21,800	60,600	54,100	58,400	53,200	19,100	18,000	35,900	20,100	16,700
25	8,780	9,040	23,000	61,400	52,300	56,800	45,300	20,400	16,100	36,000	20,500	15,100
26	7,940	9,350	20,300	60,400	59,700	56,600	37,200	22,700	15,600	36,100	21,200	15,000
27	7,800	8,930	18,700	49,300	64,100	58,400	40,700	25,500	13,200	34,600	21,300	15,000
28	7,880	8,860	18,600	55,400	63,200	59,000	65,600	26,400	12,200	34,700	24,000	14,400
29	9,060	8,990	11,800	61,500	57,400	54,100	78,600	27,600	15,200	39,700	23,800	13,100
30	9,510	9,390	11,100	62,100	-----	-----	85,800	26,200	20,300	38,800	19,100	13,400
31	9,190	-----	17,600	58,900	-----	-----	43,300	23,000	-----	35,100	16,500	-----
TOTAL	285,730	274,550	585,840	1,611,771	1,412,871	2,012,671	2,139,471	1,651,071	504,500	806,200	864,400	530,500
MEAN	9,217	9,152	18,550	51,990	48,772	64,920	71,310	53,260	16,820	26,010	27,880	17,680
MAX	10,700	9,410	41,400	75,000	71,300	104,000	141,000	110,000	23,800	39,700	44,100	26,200
MIN	7,800	8,860	9,080	20,100	33,800	42,200	27,900	19,100	11,900	13,800	16,500	12,400

CAL YR 1963 TOTAL 5,609,270 MEAN 18,110 MAX 66,700 MIN 7,800

WAT YR 1964 TOTAL 12,679,220 MEAN 34,640 MAX 141,000 MIN 10,600

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	15,100	20,700	29,200	74,500	33,400	39,200	61,700	28,000	15,300	19,300	13,400	11,400
2	15,300	20,600	32,000	67,100	37,300	49,900	54,500	19,300	12,800	18,000	14,700	12,300
3	16,300	20,900	33,100	65,600	38,900	54,200	52,200	20,300	13,100	17,900	12,900	13,900
4	23,400	21,400	39,000	59,400	39,100	51,900	52,300	22,700	14,100	16,900	15,300	14,000
5	45,000	21,400	45,700	54,500	38,100	50,000	52,900	22,800	15,300	17,500	16,100	13,900
6	65,600	21,600	42,900	48,600	33,100	48,200	51,600	24,000	12,900	20,000	14,900	13,200
7	75,400	21,400	37,000	43,200	30,800	46,200	47,800	24,000	14,300	23,900	14,800	13,500
8	72,300	19,700	35,600	40,200	32,500	41,800	43,300	20,400	16,700	23,900	16,300	14,100
9	62,700	20,000	39,500	39,800	37,100	41,100	41,300	17,500	19,900	24,700	14,000	15,000
10	54,300	21,700	40,500	22,900	39,000	42,900	44,200	17,700	24,800	25,800	14,500	14,400
11	43,100	21,100	33,600	24,900	44,700	44,100	47,400	19,000	27,400	21,000	15,400	12,100
12	39,300	19,700	21,400	30,700	46,800	40,700	48,700	19,500	29,200	21,400	18,000	11,900
13	40,100	20,000	19,700	30,400	48,100	36,600	46,400	19,500	28,500	24,500	18,000	11,800
14	40,000	20,000	21,600	31,200	52,200	38,800	43,900	19,400	28,400	27,100	15,000	11,800
15	46,800	20,000	26,500	30,700	61,300	39,100	42,100	17,600	36,200	29,900	17,700	11,800
16	42,500	18,500	29,100	26,500	60,300	42,000	39,200	15,300	37,500	31,100	17,900	11,900
17	43,400	19,200	30,700	21,300	59,300	44,000	32,400	16,700	39,700	27,200	18,000	13,300
18	41,600	19,400	31,300	22,200	66,900	48,300	25,400	18,200	44,400	20,200	17,600	13,500
19	43,800	19,700	27,300	25,800	81,200	52,200	24,300	17,100	45,200	17,800	15,900	12,700
20	42,700	20,400	22,400	25,400	85,400	62,300	31,600	14,900	45,100	18,300	13,300	12,000
21	39,200	21,100	22,100	26,900	76,200	63,400	33,000	14,700	40,700	18,400	11,400	11,800
22	38,000	23,800	23,800	23,800	67,200	57,400	37,600	15,800	37,600	18,400	11,400	11,700
23	39,800	19,900	21,300	31,600	65,900	51,600	31,800	13,600	35,000	18,400	12,700	12,000
24	36,900	22,600	28,200	29,300	66,100	53,400	27,100	13,300	28,600	17,000	13,000	12,000
25	25,200	25,900	36,800	33,900	64,000	55,100	23,400	13,100	22,100	15,800	13,000	11,700
26	21,700	27,800	53,700	46,600	60,100	56,200	25,800	14,500	20,800	15,800	12,100	11,700
27	24,500	27,800	79,900	55,400	53,100	59,100	27,100	17,800	20,200	17,800	14,310	12,400
28	26,000	26,600	99,300	51,000	49,300	64,900	31,700	11,000	20,600	17,900	11,500	17,700
29	26,100	23,200	105,000	43,400	-----	-----	65,800	29,500	10,800	21,400	16,800	11,500
30	26,000	25,900	89,700	39,900	-----	-----	65,000	31,300	10,600	14,700	11,400	13,800
31	22,300	-----	83,400	38,500	-----	-----	65,400	11,700	-----	12,000	11,300	-----
TOTAL	1,193,400	648,000	1,281,100	1,207,000	1,467,700	1,571,800	1,177,500	535,600	789,500	629,000	443,500	399,000
MEAN	38,500	21,600	41,330	38,940	52,420	50,700	39,250	17,280	26,320	20,280	14,310	13,100
MAX	75,400	27,800	105,000	74,500	85,400	66,000	61,700	28,000	45,200	31,100	18,000	19,800
MIN	15,100	18,500	19,700	21,300	30,800	36,600	23,400	10,600	12,800	12,000	11,300	11,400

CAL YR 1964 TOTAL 14,655,600 MEAN 40,040 MAX 141,000 MIN 11,900

WAT YR 1965 TOTAL 11,337,100 MEAN 31,060 MAX 105,000 MIN 10,600

M Expressed in thousands

2-3587 Apalachicola River near Blountstown, Fla

Location --Lat 30°25'30", long 85°01'53", in NE¼ sec 3, T 1 S, R 8 W, on right bank 500 ft upstream from Neal Lumber Company Landing at McNeal, half a mile upstream from Old River cutoff, and 1½ miles southeast of Blountstown, Calhoun County

Drainage area --17,600 sq mi, approximately

Records available --October 1957 to September 1965 Gage-height records collected in this vicinity since January 1920 are contained in reports of U S Weather Bureau Miscellaneous discharge measurements for some periods August 1938 to August 1957 in files of Corps of Engineers

Gage --Water-stage recorder with telemark attachment Datum of gage is 26.96 ft above mean sea level (U S Weather Bureau bench mark) Prior to Sept 17, 1921, staff gage near present site at different datum Sept 17, 1921, to Aug 28, 1957, staff gage at several sites within 500 ft of present site at present datum Since Aug 28, 1960, wire-weight gage at site 2 2 miles upstream at bridge on State Highway 20 at present datum

Average discharge --8 years, 24,960 cfs

Extremes --Maximum and minimum discharges for the water years 1958-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1958	Mar 12, 1958	100,100	a 22 30	Nov 6, 1957	b 8,290	b 3 86
1959	June 6, 1959	78,500	19 99	Oct 22, 1958	7,920	c 3 15
1960	Apr 9, 1960	162,500	24 27	Oct 6, 1959	8,810	3 86
1961	Mar 4, 1961	142,800	23 68	Nov 15, 1960	9,820	4 39
1962	Apr 17, 1962	77,400	21 21	Oct 24, 1961	7,450	3 32
1963	Jan 25, 1963	67,100	20 56	Oct 29, 1962	6,280	2 20
1964	Apr 13, 1964	144,700	23 74	Oct 28, 1963	7,450	2 73
1965	Dec 30, 1964	99,700	22 07	May 31, 1965	11,900	5.46

a Observed

b Momentary minimum

c Occurred Nov 2, 1958

1938-57 Maximum discharge measured, 98,000 cfs Apr 10, 1957 (gage height, 22.20 ft), minimum discharge measured, 5,370 cfs Oct 4, 1955, minimum gage height observed, 2.38 ft Aug 29, 1957

1957-65 Maximum discharge, 162,500 cfs Apr 9, 1960 (gage height, 24.27 ft), minimum daily, 6,280 cfs Oct 29, 1962 (minimum daily gage height, 2.20 ft)

Remarks --Records good Records of chemical analyses for the water year 1962 are published in Reports of the Geological Survey

Cooperation --Records furnished by Corps of Engineers, Mobile district

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1957 TO SEPTEMBER 1958

DAY	OCT	NOV	DEC	JAN	FEB	MAR.	APR	MAY	JUNE	JULY	AUG	SEPT.
1	24,800	11,500	33,200	20,200	27,300	37,900	30,600	28,900	16,700	16,400	21,200	13,700
2	22,300	10,800	33,100	21,000	26,800	49,600	31,300	28,100	14,800	15,100	18,400	13,000
3	21,900	11,900	32,400	19,300	25,300	56,300	30,800	26,900	14,800	15,300	18,300	11,900
4	25,300	9,700	30,400	18,500	24,000	52,600	29,500	25,800	13,100	14,800	19,500	12,800
5	27,600	8,880	29,500	18,200	23,000	45,800	29,100	24,000	16,300	13,700	23,300	12,800
6	26,600	8,660	28,700	18,300	23,600	42,900	27,600	21,000	14,700	14,100	21,300	13,300
7	27,000	8,610	27,900	19,100	23,700	42,100	29,800	20,200	13,900	13,900	20,100	12,500
8	26,900	8,680	26,300	19,600	29,400	41,800	29,900	22,300	14,900	13,600	18,000	12,500
9	24,400	8,690	26,400	19,500	37,100	55,400	30,500	23,100	14,900	12,900	17,900	13,300
10	21,200	9,510	27,000	19,900	51,000	74,400	38,500	21,300	13,700	16,900	18,500	11,900
11	20,100	10,100	29,100	19,200	57,200	88,700	44,100	20,800	12,400	20,500	16,800	9,620
12	18,500	9,200	29,000	19,200	49,400	97,500	50,500	21,000	12,800	23,500	17,100	10,500
13	17,000	8,760	27,400	19,100	40,400	88,900	50,600	19,600	12,600	23,000	16,500	9,940
14	13,800	9,320	26,900	19,200	35,900	68,600	48,900	19,500	13,300	24,500	15,600	10,300
15	13,300	15,900	25,900	18,900	35,700	54,800	51,200	19,600	12,600	25,600	15,700	10,500
16	13,100	17,800	25,000	19,200	34,500	60,500	53,300	19,700	13,600	26,700	16,600	10,600
17	14,900	18,000	22,600	18,400	33,100	55,400	50,500	19,700	15,800	27,400	17,300	10,600
18	14,500	16,000	20,600	19,300	31,100	56,900	58,000	19,600	12,800	29,200	19,100	11,000
19	12,100	16,800	20,100	20,400	28,600	44,600	66,400	18,800	15,800	27,200	18,800	12,600
20	9,240	18,900	19,600	19,400	26,800	46,000	67,800	21,800	21,600	25,700	17,400	10,000
21	11,100	27,600	20,900	19,400	25,100	40,400	58,500	21,800	22,100	22,600	17,000	11,100
22	9,980	31,000	21,300	20,400	23,300	37,300	48,600	21,900	21,300	22,200	17,600	11,800
23	10,900	31,200	23,900	21,800	22,300	35,400	43,500	21,200	21,300	23,600	16,900	12,500
24	12,700	30,600	24,300	22,700	21,100	33,600	40,300	22,700	22,800	24,500	16,800	12,700
25	13,700	32,500	24,200	23,300	19,700	32,000	41,100	22,000	22,800	25,900	17,000	12,600
26	10,700	36,800	24,200	27,200	23,100	30,400	38,500	19,700	22,400	26,700	16,900	12,800
27	10,700	38,700	24,000	29,100	28,900	30,600	36,500	18,500	22,000	27,600	16,100	13,200
28	11,100	38,400	23,800	29,000	31,000	30,000	33,700	17,600	21,000	27,000	15,300	13,100
29	10,100	37,500	23,400	28,900	-----	30,300	32,500	17,400	18,000	25,500	14,800	11,900
30	8,960	35,200	22,100	28,500	-----	30,400	29,500	18,700	17,800	23,300	14,000	12,800
31	9,000	-----	22,700	28,000	-----	30,400	-----	18,800	-----	22,700	14,100	-----
TOTAL	513,480	577,210	795,900	664,200	858,400	1,521.3M	1,251.6M	662,000	502,100	671,600	543,900	357,860
MEAN	16,560	19,240	25,670	21,430	30,660	49,070	41,720	21,350	16,740	21,660	17,550	11,930
MAX	27,600	38,700	33,200	29,100	57,200	97,500	67,800	28,900	22,800	29,200	23,300	13,700
MIN	8,960	8,610	19,600	18,200	19,700	30,000	27,600	17,400	12,400	12,900	14,000	9,620
AC-FT	1.018M	1.145M	1.579M	1.317M	1.703M	3.017M	2.483M	1.313M	995,900	1.332M	1.079M	709,800

CAL YR 1957: TOTAL MEAN MAX MIN AC-FT
 MAY YR 1958: TOTAL 8,919,550 MEAN 24,440 MAX 97,500 MIN 8,610 AC-FT 17,690,000
 M Expressed in thousands

2-3587 Apalachicola River near Blountstown, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1958 TO SEPTEMBER 1959												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12,200	8,800	9,760	16,200	21,000	22,500	47,000	17,300	39,200	17,600	11,300	11,900
2	12,300	7,980	10,600	16,400	21,300	23,000	49,900	17,300	43,700	15,000	13,200	10,800
3	15,200	9,220	11,200	18,300	21,800	23,000	48,700	15,300	49,700	13,700	16,300	10,800
4	13,200	8,930	10,800	17,500	25,500	21,200	45,700	17,900	59,700	15,300	15,400	11,600
5	13,800	11,000	10,500	16,500	33,300	23,000	44,000	14,900	75,400	18,000	13,600	11,700
6	14,300	11,600	11,700	16,400	44,000	31,800	42,400	13,700	76,700	16,800	13,700	11,200
7	12,700	9,510	12,300	15,800	50,900	43,000	38,800	13,100	62,900	15,300	14,100	11,100
8	12,000	9,740	11,200	16,600	51,800	56,100	34,200	14,100	56,300	15,400	13,900	11,100
9	11,800	9,760	10,600	17,400	48,100	60,700	32,000	12,400	55,300	13,100	13,600	11,100
10	10,300	9,960	10,700	15,400	45,300	59,500	30,500	11,900	56,300	12,800	14,400	11,400
11	11,300	10,800	11,400	14,000	48,800	54,700	29,200	13,400	48,500	14,100	14,600	12,200
12	11,200	10,100	13,600	17,000	50,900	49,700	29,100	13,500	39,200	16,000	14,000	12,900
13	9,100	10,400	12,900	13,900	49,000	47,800	27,300	13,900	31,500	16,500	14,800	14,700
14	8,760	10,500	14,500	13,600	45,500	48,400	26,400	15,200	28,600	17,100	14,200	15,300
15	8,380	9,380	16,000	12,800	45,700	53,100	26,700	16,000	25,000	16,300	12,700	19,000
16	8,430	9,030	13,200	13,900	46,400	54,800	27,100	16,200	19,600	16,900	12,100	18,000
17	9,570	9,010	12,850	16,400	46,000	51,800	27,400	15,300	23,900	17,900	13,800	15,300
18	9,900	9,400	14,100	18,800	44,700	49,600	26,000	14,600	21,500	18,000	12,900	17,500
19	9,320	8,720	13,600	19,200	42,300	47,800	24,500	14,100	20,200	18,300	12,000	18,800
20	9,660	8,420	13,100	19,600	37,800	42,100	24,600	17,400	19,400	17,600	11,300	18,700
21	8,440	8,270	12,700	20,600	35,200	41,800	25,200	18,700	16,700	18,900	11,800	16,500
22	7,920	8,500	12,100	19,100	32,200	38,600	24,700	22,400	17,000	18,800	12,100	13,300
23	8,400	8,690	11,600	20,200	29,600	39,300	23,800	22,600	19,000	19,000	11,300	12,500
24	8,250	8,050	10,700	20,400	28,300	44,800	23,500	24,000	18,700	19,600	11,700	12,500
25	8,050	8,150	10,900	25,000	26,400	47,600	23,200	27,500	15,600	18,500	12,100	12,700
26	9,200	7,950	12,700	24,600	25,600	43,400	20,900	28,700	17,000	18,500	12,100	12,900
27	9,200	8,050	11,200	24,200	24,300	38,600	18,800	31,000	19,600	18,000	11,700	11,800
28	9,840	8,460	10,800	23,400	24,200	38,700	18,200	31,200	18,400	16,600	11,800	10,300
29	9,320	9,030	11,900	20,500	-----	47,700	18,400	31,900	17,600	16,000	11,200	9,450
30	9,850	8,110	12,200	20,100	-----	53,100	17,300	33,300	19,300	14,800	10,800	9,740
31	8,820	-----	13,500	19,900	-----	49,800	-----	33,100	-----	13,200	11,100	-----
TOTAL	320,010	275,000	374,110	564,100	1,045,9M	1,349.8M	896,500	601,900	1,031.5M	513,600	399,700	396,790
MEAN	10,320	9,167	12,070	18,200	37,350	43,540	29,880	19,420	34,380	16,570	12,890	13,230
MAX	15,200	11,600	16,000	25,000	51,800	61,700	49,900	33,300	76,700	19,600	16,300	19,000
MIN	7,920	7,950	9,760	12,800	21,000	20,200	17,300	11,900	15,600	12,800	10,800	9,450
AL-FT	634,700	545,500	742,000	1,119M	2,075M	2,677M	1,778M	1,194M	2,046M	1,019M	792,800	787,000

CAL YR 1958: TOTAL 8,002,080 MEAN 21,920 MAX 97,500 MIN 7,920 AC-FT 15,870,000

MAT YR 1959: TOTAL 7,769,910 MEAN 21,280 MAX 76,700 MIN 7,920 AC-FT 15,410,000

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1959 TO SEPTEMBER 1960												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9,780	32,500	16,200	18,100	32,800	44,400	50,900	26,900	16,000	13,100	13,600	14,000
2	9,580	30,300	14,100	18,500	37,200	41,500	48,300	26,300	18,300	13,000	13,700	14,500
3	9,370	25,300	16,700	17,800	42,700	41,200	76,400	25,400	18,600	13,600	13,600	13,100
4	10,000	22,200	17,800	19,100	49,400	42,700	87,600	24,900	19,000	13,700	12,800	13,100
5	9,030	21,900	15,400	19,600	48,800	44,500	94,000	24,500	16,700	13,700	13,600	12,800
6	8,810	22,500	14,500	20,200	42,800	46,100	112,000	23,500	14,700	13,100	14,100	13,400
7	9,020	22,300	14,200	20,500	45,300	45,600	135,000	22,900	13,300	13,500	14,000	12,500
8	11,400	20,600	13,600	22,300	50,900	42,400	155,000	22,400	13,400	13,100	13,500	12,700
9	10,800	19,600	13,500	30,700	51,500	39,300	158,000	21,300	13,500	13,100	12,900	15,200
10	10,200	17,900	13,700	31,800	46,400	38,300	137,000	25,500	12,500	14,100	11,200	15,800
11	12,300	16,400	13,800	31,300	41,400	39,200	106,000	27,800	12,900	16,200	10,600	16,600
12	14,300	17,100	13,800	29,500	41,000	40,000	76,100	27,500	13,500	15,800	11,500	15,000
13	14,300	17,000	14,500	25,700	45,300	39,200	68,400	24,600	12,900	14,000	13,200	13,600
14	15,200	14,400	13,600	25,400	52,000	38,100	64,200	25,000	12,300	13,900	14,500	11,600
15	18,000	13,700	16,500	25,400	53,600	38,100	57,000	22,500	14,700	16,100	16,500	11,600
16	19,100	13,800	17,700	25,700	54,200	39,900	50,700	20,200	13,600	17,300	17,600	11,800
17	19,800	14,200	18,400	25,800	54,800	39,600	45,400	18,800	12,700	16,700	16,900	10,800
18	20,100	14,400	18,900	25,300	54,300	40,500	40,300	18,000	12,800	15,800	16,700	10,200
19	20,200	14,300	20,100	28,600	52,600	41,200	39,000	18,700	13,400	13,400	16,900	10,100
20	20,300	16,400	20,300	32,200	49,900	40,800	36,900	18,900	14,400	12,500	15,800	11,900
21	20,400	15,800	20,100	34,500	47,300	40,000	36,600	19,100	13,400	12,200	14,200	10,100
22	20,600	11,400	19,400	44,100	46,600	38,200	37,500	18,100	12,900	12,200	13,800	9,580
23	20,200	10,000	19,300	32,400	46,100	37,100	36,600	16,600	13,200	12,800	14,800	9,540
24	20,100	9,750	19,200	30,600	47,000	36,100	36,800	15,800	12,900	12,600	15,600	10,900
25	19,700	11,200	19,300	29,600	49,600	34,800	35,400	14,500	13,100	12,100	15,200	11,100
26	18,300	14,600	19,200	29,100	50,200	33,800	34,300	14,300	14,300	12,100	15,600	17,700
27	17,100	14,800	19,200	28,600	51,000	32,400	33,700	16,700	16,100	12,100	15,600	20,300
28	17,200	15,400	19,200	27,500	52,200	30,800	32,900	16,500	14,900	12,400	16,100	17,300
29	18,100	15,400	19,300	25,900	49,700	31,100	32,800	16,300	12,200	12,600	16,900	16,800
30	20,800	15,500	18,300	26,700	-----	31,200	30,100	15,800	12,300	13,300	15,200	17,800
31	26,700	-----	17,600	28,500	-----	38,300	-----	13,800	-----	13,500	13,900	-----
TOTAL	490,790	520,650	531,400	821,000	1,386.6M	1,206.4M	1,998.7M	643,100	424,500	424,200	450,100	399,820
MEAN	15,830	17,360	17,140	26,480	47,810	38,920	66,620	20,750	14,150	13,680	14,520	13,330
MAX	26,700	32,500	20,300	34,500	54,800	46,100	158,000	27,800	19,000	17,300	17,600	20,300
MIN	8,810	9,750	13,500	17,800	32,800	30,800	30,100	13,800	12,200	12,100	10,600	9,540
AL-FT	973,500	1,033M	1,054M	1,628M	2,750M	2,393M	3,964M	1,276M	842,000	841,400	892,800	793,000

CAL YR 1959: TOTAL 8,342,630 MEAN 22,860 MAX 76,700 MIN 8,810 AC-FT 16,550,000

MAT YR 1960: TOTAL 9,297,260 MEAN 25,400 MAX 158,000 MIN 8,810 AC-FT 18,440,000

M Expressed in thousands

2-3587 Apalachicola River near Blountstown, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	19,300	10,100	11,600	13,500	13,800	123,900	33,000	37,300	23,100	28,300	13,600	26,200
2	19,700	10,300	11,300	14,000	13,800	134,400	43,100	38,100	24,000	25,200	12,400	24,100
3	19,400	10,100	11,400	13,300	13,800	140,800	56,700	38,900	22,000	22,000	12,100	21,900
4	19,500	10,100	11,400	12,200	14,900	140,200	69,700	39,700	19,900	19,900	12,400	19,900
5	19,600	12,000	11,300	11,800	15,400	104,500	73,300	39,900	17,900	19,300	12,800	17,400
6	19,800	10,600	11,600	11,700	14,600	69,400	68,900	38,400	16,000	18,600	13,000	16,700
7	20,100	9,780	11,500	12,400	14,900	61,400	60,600	35,400	14,900	17,700	12,100	18,600
8	19,100	9,660	10,700	13,400	15,300	56,100	52,200	33,300	17,300	18,400	12,900	18,600
9	16,300	10,100	10,700	14,100	15,400	52,600	50,400	32,600	18,200	18,600	13,500	16,500
10	14,700	11,100	11,500	12,800	15,900	49,000	49,700	36,400	15,400	17,800	13,800	18,200
11	14,100	11,600	12,700	11,700	15,700	45,200	45,000	30,800	13,100	16,700	15,200	18,600
12	13,700	10,300	12,900	11,500	14,600	41,400	42,800	29,000	12,300	16,200	17,600	15,800
13	13,900	9,900	13,100	11,600	14,000	36,300	48,900	27,500	12,200	17,600	18,500	13,700
14	13,800	10,200	12,600	11,900	14,900	34,100	51,100	27,900	12,400	20,400	18,800	13,300
15	13,700	9,620	12,300	12,800	13,800	33,400	59,900	28,200	12,400	22,700	17,900	14,300
16	13,500	9,940	12,600	12,500	13,500	33,100	65,400	27,300	14,600	29,700	16,600	15,000
17	13,400	12,000	12,800	12,400	12,900	32,300	73,500	27,100	14,800	28,800	16,900	14,300
18	13,100	10,700	13,000	12,500	12,700	32,800	76,200	26,900	14,600	23,800	15,800	15,300
19	12,000	11,100	13,300	12,800	12,100	34,100	75,100	25,700	15,000	21,900	15,000	15,300
20	11,800	11,300	12,800	13,100	16,000	33,500	68,900	21,800	15,900	20,400	13,800	14,300
21	11,800	10,700	12,600	13,000	30,300	32,900	62,700	21,100	22,000	20,100	13,100	13,100
22	11,600	12,200	12,500	12,900	42,800	31,200	51,300	21,300	20,200	20,200	12,700	12,700
23	11,900	12,700	12,800	13,000	57,600	30,500	52,200	16,500	22,400	24,400	12,800	12,400
24	11,500	10,200	13,000	13,400	67,800	29,400	47,300	15,800	26,800	21,900	12,700	12,100
25	11,500	9,980	13,400	13,600	76,100	27,500	42,800	17,000	25,600	19,300	15,400	11,900
26	11,500	10,700	13,600	14,600	84,600	26,200	38,400	21,700	28,300	17,400	17,400	12,000
27	11,100	10,500	13,500	15,400	95,000	22,300	35,900	29,900	26,600	17,100	18,900	12,000
28	10,100	11,900	11,200	15,400	108,400	20,200	36,600	31,700	26,600	16,200	24,300	12,000
29	10,000	13,000	10,100	17,000	-----	21,100	37,300	32,400	28,000	15,100	26,900	11,400
30	9,930	11,800	10,900	16,600	-----	24,200	37,100	31,200	29,900	14,900	22,700	10,200
31	9,930	-----	12,500	14,400	-----	25,000	-----	23,200	-----	14,200	26,300	-----
TOTAL	440,960	324,180	377,300	411,300	849,500	1,578,800	1,617,600	904,100	582,500	623,300	497,900	467,800
MEAN	14,220	10,810	12,170	13,120	30,340	50,930	53,920	29,160	19,420	20,110	16,060	15,590
MAX	20,100	13,000	13,600	17,000	108,400	140,800	76,200	39,900	29,900	29,700	26,900	26,200
MIN	9,930	9,620	10,100	11,500	12,100	29,200	35,800	12,200	14,200	12,100	10,200	10,100
AL-FT	874,600	643,000	748,400	815,800	1,685M	3,132M	3,208M	1,793M	1,155M	1,236M	987,400	927,900
CAL YR 1960: TOTAL	8,896,860	MEAN 24,310	MAX 158,000	MIN 9,540	AC-FT 17,650,000							
WAT YR 1961: TOTAL	8,675,240	MEAN 23,770	MAX 140,800	MIN 9,620	AC-FT 17,210,000							

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9,850	9,140	10,300	20,800	31,500	55,200	39,900	33,500	11,800	12,700	10,300	9,430
2	9,850	8,440	10,600	20,800	29,500	52,100	52,800	34,100	11,400	11,400	9,820	9,850
3	9,780	9,210	10,300	20,300	29,400	52,300	63,600	32,400	10,300	11,000	10,100	9,850
4	9,700	9,700	10,600	21,400	29,100	52,000	68,700	26,500	10,900	13,600	10,400	8,870
5	9,450	8,980	10,700	21,000	28,200	50,900	65,900	24,400	13,700	15,900	10,300	8,940
6	9,270	9,140	10,700	24,200	25,900	48,600	58,400	24,800	14,100	15,900	10,300	9,880
7	8,180	8,936	10,300	24,200	24,800	44,200	54,200	24,800	15,000	15,000	10,300	9,400
8	8,860	8,580	10,000	42,400	21,600	39,000	53,600	21,500	15,500	13,500	10,700	9,910
9	10,300	8,820	10,900	46,600	21,500	36,900	58,400	21,100	16,300	14,200	11,400	9,830
10	8,550	8,550	11,500	46,700	22,100	36,100	59,200	21,700	14,800	17,200	12,000	9,220
11	8,390	8,410	11,100	43,400	23,100	34,900	57,700	21,300	12,900	17,100	11,000	9,140
12	9,350	9,190	12,100	39,600	20,900	34,900	55,200	20,900	13,200	15,500	10,300	9,030
13	9,670	10,200	21,600	36,200	18,700	40,200	57,600	19,800	14,300	13,700	10,300	9,110
14	10,600	9,050	31,100	34,700	16,900	51,200	63,100	17,800	16,300	13,200	9,700	9,220
15	7,990	8,870	38,300	34,500	17,400	58,800	70,200	14,600	18,700	13,700	9,530	9,220
16	8,540	8,860	49,100	31,400	18,100	60,600	75,800	12,900	19,800	12,500	9,670	9,400
17	8,100	8,810	59,600	28,100	20,700	55,900	77,000	13,100	18,800	12,000	9,560	9,800
18	8,150	9,380	65,700	26,600	21,100	51,100	64,300	14,600	17,700	12,900	9,540	9,320
19	8,890	9,590	67,000	25,000	21,900	48,800	55,800	14,800	17,200	11,300	10,200	9,430
20	9,270	9,060	59,400	25,800	31,900	47,400	51,400	14,600	13,400	10,700	9,820	9,420
21	8,070	9,210	52,700	30,100	36,800	45,700	48,500	14,300	13,000	11,200	10,000	9,720
22	8,200	9,660	51,000	32,800	38,400	41,800	45,700	14,200	13,900	12,200	10,400	9,020
23	7,560	9,180	48,500	33,900	38,000	39,100	41,400	14,200	15,700	10,600	10,300	9,770
24	7,430	9,830	42,700	34,200	40,300	36,000	36,300	14,200	16,300	10,900	9,990	10,100
25	7,750	10,300	37,100	33,300	49,100	33,900	34,700	13,600	16,100	10,500	9,860	9,800
26	7,590	10,300	33,500	30,900	56,700	32,900	34,200	12,600	15,100	9,720	9,900	9,210
27	8,550	10,200	31,700	33,300	60,600	33,200	33,200	12,200	14,300	9,990	9,880	9,380
28	8,840	10,200	30,300	35,300	59,900	32,900	31,100	12,200	14,200	11,000	9,640	9,350
29	8,280	10,100	26,100	35,600	-----	32,300	30,900	15,300	13,900	9,880	9,700	9,000
30	8,940	10,200	42,200	34,900	-----	32,200	31,900	11,000	13,600	10,200	9,600	9,080
31	9,720	-----	21,200	33,400	-----	32,800	-----	11,900	-----	10,400	10,800	-----
TOTAL	274,670	279,840	918,000	993,800	853,300	1,344,5M	1,568,7M	568,700	441,300	389,590	314,870	282,950
MEAN	8,860	9,328	29,610	32,060	30,480	43,370	52,290	18,350	14,710	12,570	10,160	9,432
MAX	10,600	10,300	67,000	66,700	60,600	60,600	77,000	34,100	19,800	17,200	12,000	10,100
MIN	7,430	8,410	10,000	20,700	16,900	32,200	30,900	10,300	10,300	9,720	9,370	8,870
AC-FT	244,800	555,100	1,821M	1,971M	1,692M	2,667M	3,111M	1,128M	875,300	772,700	624,500	561,200
CAL YR 1961: TOTAL	9,005,310	MEAN 24,670	MAX 140,800	MIN 7,430	AC-FT 17,860,000							
WAT YR 1962: TOTAL	8,230,220	MEAN 22,550	MAX 77,000	MIN 7,430	AC-FT 16,320,000							

M Expressed in thousands

2-3587 Apalachicola River near Blountstown, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9,480	7,880	22,400	12,900	29,500	21,200	32,000	18,400	18,200	30,200	20,000	9,620
2	8,760	7,850	20,200	14,000	22,900	22,900	32,800	23,800	22,500	27,600	20,200	9,320
3	9,860	8,780	18,100	15,200	21,700	23,900	33,100	32,600	19,900	25,100	19,500	9,080
4	10,300	7,480	15,200	14,600	22,900	22,000	33,200	36,000	16,500	26,900	19,100	9,020
5	10,200	7,120	14,400	16,800	24,500	20,800	33,200	37,600	15,900	24,400	17,400	9,000
6	10,000	7,960	16,100	15,600	25,700	20,900	32,800	40,100	15,700	22,600	15,100	9,050
7	9,700	8,550	15,100	15,200	24,500	22,100	33,800	38,000	15,500	22,600	14,500	9,210
8	9,240	6,640	14,600	15,100	21,800	21,600	34,100	31,100	13,000	21,700	17,000	9,320
9	9,900	7,560	14,800	13,400	20,800	21,200	30,200	26,700	11,600	20,000	18,100	8,940
10	11,400	7,980	12,800	11,600	21,800	21,600	29,400	25,400	10,500	19,900	15,900	8,920
11	10,800	6,560	10,500	11,000	21,200	22,400	32,000	23,600	10,700	18,500	12,600	8,950
12	10,000	7,740	11,200	13,800	29,700	22,600	31,400	22,800	10,500	17,800	11,100	8,780
13	9,690	7,400	11,400	20,000	36,800	23,700	24,600	24,700	11,500	19,400	11,000	8,540
14	9,350	7,700	10,700	20,400	40,900	27,600	19,300	25,800	10,700	17,500	11,800	8,520
15	9,380	7,380	10,500	17,700	46,100	27,600	16,500	22,800	9,400	13,900	11,200	8,440
16	9,060	7,670	10,700	16,700	50,300	27,600	15,200	21,200	10,900	11,600	11,000	8,360
17	9,540	8,120	11,400	16,500	49,600	24,700	14,200	19,500	11,800	11,500	11,500	8,140
18	9,700	8,440	11,000	17,400	40,500	23,400	15,200	16,600	10,200	11,200	12,900	8,360
19	9,240	8,840	10,600	19,500	36,600	22,600	15,700	14,800	12,500	10,500	9,430	8,420
20	9,540	8,920	10,500	23,400	37,200	22,900	15,400	12,500	12,900	10,300	9,020	8,300
21	9,180	9,030	10,300	34,300	38,100	26,100	14,500	11,800	13,400	11,000	9,860	8,440
22	7,900	9,480	10,100	43,500	37,500	27,300	13,800	11,900	13,800	11,300	9,000	8,620
23	8,680	11,200	10,500	54,900	35,800	27,600	13,400	10,900	18,200	13,300	8,440	8,310
24	7,700	12,500	10,100	62,900	34,800	26,700	13,000	11,100	24,200	11,200	8,310	8,280
25	7,800	13,800	10,600	67,100	33,100	22,400	12,900	11,900	31,600	13,000	8,310	8,260
26	6,710	14,200	11,600	61,300	29,900	20,900	11,600	10,700	33,800	17,700	8,780	8,760
27	6,550	15,200	12,000	55,400	25,400	21,500	10,400	11,400	30,100	19,500	8,780	8,600
28	7,120	16,200	10,800	51,000	22,100	23,200	10,400	10,800	28,800	19,800	9,160	9,240
29	6,280	16,800	10,700	46,500	-----	26,200	10,200	10,300	29,500	19,700	9,340	9,880
30	7,150	19,500	10,200	39,700	-----	28,200	11,500	10,600	31,700	19,700	9,430	9,880
31	7,720	-----	11,200	34,100	-----	30,300	-----	12,200	-----	19,100	9,450	-----
TOTAL	277,930	294,480	390,300	873,500	881,700	743,700	645,800	637,400	525,500	559,900	387,210	264,560
MEAN	8,965	9,816	12,590	28,180	31,490	23,990	21,530	20,560	17,520	18,060	12,490	8,819
MAX	11,400	19,500	22,400	67,100	50,300	30,300	34,100	40,100	33,800	30,200	20,200	9,880
MIN	6,280	6,560	10,100	11,000	20,800	20,800	10,200	10,300	9,400	10,300	8,310	8,140
AC-FT	551,300	584,100	774,100	1,733M	1,749M	1,475M	1,201M	1,264M	1,042M	1,111M	768,000	524,700

CAL YR 1962- TOTAL 7,720,420 MEAN 21,150 MAX 77,000 MIN 6,280 AC-FT 15,310,000
 MAY YR 1963- TOTAL 4,811,980 MEAN 17,760 MAX 67,100 MIN 6,280 AC-FT 12,860,000

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	10,100	8,890	9,050	17,900	56,800	57,200	43,600	72,100	21,800	19,100	34,800	17,400
2	9,750	8,900	9,050	19,400	52,000	49,900	49,900	69,900	18,800	33,200	18,500	15,900
3	9,510	8,900	9,050	19,400	41,900	50,300	41,000	81,600	21,400	19,500	30,500	19,900
4	10,300	8,860	9,540	18,500	41,200	62,200	42,000	85,400	22,300	14,500	30,900	19,000
5	10,700	8,890	9,690	18,800	38,900	76,100	37,000	85,200	22,300	14,000	31,900	15,400
6	10,800	9,050	9,990	20,200	38,200	86,600	32,500	88,600	23,200	15,100	32,500	13,900
7	10,800	8,900	10,000	24,400	37,900	100,800	34,800	92,600	20,000	16,800	31,300	13,500
8	10,700	8,920	9,850	37,200	39,300	105,400	45,400	84,600	14,400	18,200	30,100	12,800
9	10,500	8,890	9,370	40,000	42,200	91,600	64,000	67,000	15,000	19,500	27,500	17,000
10	10,200	8,860	9,140	54,200	39,300	79,400	87,800	60,400	16,900	21,300	23,800	18,500
11	9,910	8,890	9,130	67,000	37,100	74,000	110,200	58,000	17,400	21,100	22,500	19,700
12	9,610	8,890	9,420	74,000	37,700	68,900	131,200	53,400	17,600	17,900	22,400	18,100
13	9,380	8,890	12,200	73,500	39,200	64,300	141,800	49,200	17,400	14,600	25,700	20,500
14	9,290	8,810	14,800	69,100	41,100	59,600	139,600	44,700	13,900	18,400	32,800	20,000
15	9,190	8,820	21,000	67,300	42,700	55,600	112,900	42,800	12,300	22,600	36,700	20,200
16	9,180	8,760	32,900	68,200	41,600	56,300	91,000	41,900	15,100	24,300	38,400	20,500
17	9,050	8,790	34,600	69,500	38,100	58,100	85,600	39,400	17,800	24,800	36,900	20,700
18	8,730	8,890	31,400	64,300	37,800	58,800	79,600	36,500	16,800	25,300	35,500	23,500
19	8,710	9,050	27,500	54,400	46,600	60,600	72,900	35,200	14,800	25,600	34,900	24,900
20	8,730	8,890	31,600	46,800	55,900	63,200	64,200	35,600	14,100	26,100	34,300	20,600
21	8,700	8,860	32,500	43,700	86,600	65,300	53,600	32,800	12,500	26,200	32,600	17,600
22	8,700	9,130	26,600	49,000	67,900	63,500	50,300	32,000	12,200	30,500	28,800	18,200
23	8,710	8,900	18,700	55,600	67,300	62,100	49,400	31,600	13,000	34,400	23,900	17,600
24	9,370	8,900	18,300	58,400	59,600	59,900	49,800	24,600	15,500	35,000	21,700	17,300
25	9,370	8,870	19,800	58,900	54,000	58,200	47,500	21,100	17,100	35,200	20,700	15,700
26	8,250	8,870	19,500	60,100	54,000	58,300	40,700	21,800	15,700	35,400	21,100	14,900
27	7,530	8,890	16,100	56,400	59,500	58,200	37,700	23,600	14,500	35,500	21,000	14,800
28	7,450	8,710	18,100	52,000	65,900	59,000	43,100	25,200	12,400	34,100	21,600	14,800
29	8,040	8,810	13,400	55,600	61,500	57,400	57,100	26,600	12,500	35,800	24,400	13,500
30	9,050	8,900	11,100	59,200	-----	54,100	65,300	27,500	17,900	36,900	21,300	12,800
31	9,050	-----	11,900	59,600	-----	49,100	-----	25,100	-----	36,300	17,600	-----
TOTAL	289,360	266,570	525,200	1,532.8M	1,426.8M	2,024.0M	1,991.6M	1,523.0M	497,700	772,800	881,300	531,700
MEAN	9,334	8,886	16,940	49,450	49,200	65,290	64,390	49,130	16,990	24,930	28,430	17,720
MAX	10,800	9,130	34,600	74,000	86,600	105,400	141,800	92,600	23,200	34,900	38,400	24,900
MIN	7,450	8,710	8,970	17,900	37,100	49,100	32,500	21,100	12,200	14,000	17,600	12,800
AC-FT	573,900	528,700	1,042M	3,040M	2,830M	4,015M	3,950M	3,021M	987,200	1,533M	1,748M	1,055M

CAL YR 1963 TOTAL 6,600,400 MEAN 18,080 MAX 67,100 MIN 7,450 AC-FT 13,090,000
 MAY YR 1964 TOTAL 12,262,830 MEAN 33,510 MAX 141,800 MIN 7,450 AC-FT 24,320,000

M Expressed in thousands

2-3587 Apalachicola River near Blountstown, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	13,300	21,600	27,000	77,000	36,800	47,200	59,600	31,500	12,800	20,800	13,300
2	13,900	20,700	29,100	69,400	35,700	47,200	58,700	25,800	13,700	19,300	12,300
3	14,300	20,500	31,300	65,200	37,400	52,900	54,300	21,800	13,100	18,900	13,400
4	16,800	21,200	34,600	62,500	38,000	53,500	52,700	22,000	13,300	17,700	13,900
5	33,600	21,000	41,000	57,600	38,400	51,700	52,500	22,800	13,800	17,800	13,900
6	48,000	21,100	44,100	53,400	36,700	50,000	52,200	23,300	14,100	19,400	13,600
7	61,500	21,400	41,000	48,000	33,900	48,300	50,500	24,000	13,300	22,700	13,400
8	69,200	20,400	37,500	43,200	32,200	45,600	47,000	23,800	13,900	24,100	13,800
9	66,900	19,800	37,400	39,300	34,600	42,200	43,400	19,700	14,800	24,600	14,100
10	61,200	20,000	39,000	31,200	36,700	41,600	42,000	18,400	17,300	26,100	13,800
11	52,800	20,700	38,300	26,400	39,200	42,700	44,400	18,400	22,700	24,300	13,300
12	44,100	20,400	29,600	27,700	43,200	42,700	46,900	19,300	26,900	22,400	13,400
13	40,600	19,900	23,300	29,800	47,200	39,600	47,600	19,800	28,400	24,800	13,400
14	40,700	19,900	21,900	30,200	49,200	38,600	45,800	19,900	28,400	26,700	12,500
15	49,000	19,900	23,900	30,900	54,400	38,700	43,700	19,600	33,400	28,700	12,400
16	47,800	19,500	27,000	29,600	58,500	39,600	41,300	16,700	37,800	30,600	12,400
17	45,700	17,900	28,900	25,600	57,700	41,000	37,900	15,500	38,800	29,900	12,700
18	42,700	18,300	30,000	22,700	59,200	44,200	32,100	16,600	41,200	24,300	13,500
19	42,600	18,800	29,600	23,400	65,700	48,500	28,100	17,700	44,000	20,500	13,100
20	43,300	19,200	25,200	25,300	74,400	54,200	28,000	16,600	44,800	19,200	12,800
21	41,300	19,900	22,800	25,200	76,000	59,600	31,500	14,700	43,500	19,100	12,500
22	39,400	20,400	22,900	27,900	70,000	60,100	32,900	15,100	40,000	19,000	12,600
23	44,600	19,700	22,800	31,200	64,600	55,300	33,000	14,700	38,200	19,100	12,400
24	38,600	20,300	22,400	31,800	64,000	52,900	31,200	13,900	34,200	18,100	12,600
25	32,600	23,600	28,400	30,700	63,700	53,500	27,400	13,600	28,900	16,500	12,500
26	25,900	26,400	38,800	37,200	62,000	54,800	27,500	13,500	24,600	15,700	12,500
27	24,100	27,200	53,400	45,000	57,500	56,400	29,200	14,100	24,300	17,100	12,400
28	25,100	27,200	72,700	50,400	53,000	59,700	33,200	12,600	23,300	18,300	14,000
29	25,800	24,600	93,600	48,500	-----	63,200	32,400	12,200	22,800	17,700	20,400
30	25,900	23,900	97,100	43,000	-----	64,200	31,500	12,000	21,800	16,400	12,300
31	24,800	-----	85,000	40,400	-----	64,300	-----	11,900	-----	13,900	-----
TOTAL	1,196.1M	635,400	1,199.6M	1,229.7M	1,420.5M	1,554.0M	1,218.5M	561,500	788,100	653,700	402,200
MEAN	38,580	21,180	38,700	39,670	50,730	50,130	40,620	18,110	26,270	21,090	13,410
MAX	69,200	27,200	97,100	77,000	76,000	64,300	59,600	31,500	44,800	30,600	20,400
MIN	13,300	17,900	21,900	22,700	32,200	38,600	27,400	11,900	12,800	13,900	12,200
AC-FT	2,372M	1,260M	2,379M	2,439M	2,818M	3,082M	2,417M	1,114M	1,563M	1,297M	797,800
M Expressed in thousands											
CAL YR 1964. TOTAL	14,212,800	MEAN	38,830	MAX	141,800	MIN	12,200	AC-FT	28,190,000		
WAT YR 1965 TOTAL	11,314,600	MEAN	31,000	MAX	97,100	MIN	11,900	AC-FT	22,440,000		

2-3590 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

Records available --November 1912 to December 1913, September 1921 to September 1927, August 1929 to September 1931, March 1943 to September 1965 Monthly discharge only for some periods published in WSP 1304

Gage --Water-stage recorder Datum of gage is 19.95 ft above mean sea level (levels by Corps of Engineers) Prior to Jan 13, 1950, staff, chain, or wire-weight gage at same site and datum

Average discharge --30 years (1921-27, 1929-31, 1943-65), 1,531 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Apr 21, 1961	6,080	21.96	Dec 10, 11, 1960	708	8.07
1962	Apr 6, 1962	5,720	21.25	Sept 30, 1962	576	8.70
1963	July 27, 1963	3,360	15.81	Sept 23, 1963	530	8.62
1964	May 7, 1964	8,960	26.05	Nov 2, 3, 1963	432	8.56
1965	Dec 31, 1964	6,180	21.85	Sept 23, 24, 1965	667	8.92

a Occurred Dec 10, 1961

1912-13, 1921-27, 1929-31, 1943-65 Maximum discharge, 25,000 cfs Sept 20, 1926 (gage height, 33.55 ft, from floodmarks), from rating curve extended above 11,000 cfs on basis of slope-area measurement of peak flow, minimum, 356 cfs Nov 17, 18, 19, 1955, minimum gage height, 8.29 ft Nov 13, 14, 15, 1954

Remarks --Records good Some regulation at low flow by reservoirs on tributaries above the station Records of chemical analyses for the water years 1962 and 1965 and water temperatures for the water year 1965 are published in reports of the Geological Survey

Revisions (water years) --WSP 1384 Drainage area WSP 1504 1924, 1925(M), 1926

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,150	840	745	851	1,390	1,980	1,970	1,790	1,120	1,220	1,140	1,950
2	1,950	856	740	834	1,360	1,950	2,010	1,930	1,040	1,140	1,100	2,090
3	1,720	840	735	834	1,350	1,850	1,990	1,930	1,000	1,080	990	2,370
4	1,530	802	735	846	1,320	1,760	1,980	1,830	970	1,060	955	2,330
5	1,340	790	730	862	1,260	1,700	1,960	1,730	915	1,050	980	2,310
6	1,260	785	730	856	1,220	1,730	1,850	1,660	890	1,050	980	2,320
7	1,550	770	724	802	1,490	1,750	1,720	1,620	890	1,030	995	2,130
8	1,780	765	718	1,540	1,700	1,610	1,530	900	1,020	1,010	1,090	1,990
9	1,640	775	713	770	1,520	1,620	1,560	1,500	868	1,040	1,050	1,730
10	1,500	770	708	760	1,520	1,530	1,540	1,620	856	1,010	1,060	1,590
11	1,390	760	735	750	1,560	1,460	1,520	1,630	873	1,010	1,080	1,510
12	1,260	760	740	750	1,640	1,380	1,790	1,580	873	995	1,010	1,450
13	1,220	765	745	868	1,670	1,340	2,160	1,540	868	995	945	1,470
14	1,100	760	750	1,080	1,600	1,300	2,320	1,530	868	1,010	920	1,450
15	1,020	755	775	1,020	1,500	1,250	2,570	1,500	851	1,090	995	1,450
16	990	775	785	1,040	1,400	1,220	3,430	1,400	834	1,120	995	1,440
17	985	745	785	1,030	1,340	1,210	3,810	1,290	851	1,190	1,010	1,400
18	935	765	775	1,050	1,300	1,570	4,150	1,220	868	1,320	965	1,320
19	940	730	770	1,110	1,480	1,800	5,040	1,160	884	1,550	930	1,250
20	980	724	770	1,140	1,510	1,840	5,840	1,120	935	1,530	905	1,170
21	970	724	765	1,100	1,490	1,870	6,020	1,090	1,030	1,380	955	1,120
22	960	740	750	1,010	1,480	1,960	5,440	1,060	1,440	1,260	965	1,080
23	950	745	745	970	1,620	2,020	4,360	1,040	1,670	1,340	970	1,060
24	940	750	745	980	1,770	1,970	3,460	1,080	1,770	1,320	1,060	1,030
25	925	750	755	995	1,770	1,810	2,780	1,110	1,880	1,280	1,200	1,000
26	900	755	765	1,220	1,750	1,640	2,300	1,140	1,960	1,260	1,620	970
27	884	750	765	1,370	1,800	1,950	2,050	1,150	1,890	1,140	1,740	975
28	868	755	750	1,280	1,920	1,460	2,060	1,150	1,700	1,080	1,840	995
29	851	755	745	1,290	-----	1,500	1,940	1,150	1,500	1,040	1,820	980
30	840	740	760	1,320	-----	1,570	1,850	1,140	1,340	1,040	1,770	950
31	840	-----	807	1,370	-----	1,700	-----	1,160	-----	1,080	1,830	-----
TOTAL	37,148	22,996	23,260	30,943	42,570	50,970	83,080	43,380	34,334	35,730	35,785	44,780
MEAN	1,199	767	750	998	1,520	1,644	2,769	1,399	1,144	1,153	1,154	1,493
MAX	2,150	856	807	1,370	1,920	2,020	6,020	1,930	1,960	1,550	1,840	2,370
MIN	840	724	708	750	1,220	1,210	1,520	1,040	834	995	905	950
CFSM	1.54	.98	.96	1.28	1.95	2.11	3.55	1.79	1.47	1.48	1.48	1.91
IN.	1.77	1.10	1.11	1.47	2.03	2.43	3.96	2.07	1.63	1.70	1.70	2.13

CAL YR 1960: TOTAL 606,704
WAT YR 1961: TOTAL 484,996

MEAN 1,658
MEAN 1,329

MAX 11,100
MAX 6,020

MIN 708
MIN 708

CFSM 2.12
CFSM 1.70

IN 28.89
IN 73.09

2-3590 Chipola River near Altha, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	925	708	713	1,080	1,330	2,000	3,820	1,630	824	764	824	610
2	905	702	708	1,080	1,380	2,100	4,020	1,600	818	758	769	615
3	884	696	708	1,040	1,360	2,290	4,230	1,530	802	769	758	620
4	884	691	702	1,020	1,280	2,400	4,810	1,440	780	747	742	610
5	878	696	686	1,060	1,200	2,360	5,420	1,290	752	752	725	598
6	868	702	680	1,120	1,180	2,700	5,700	1,180	758	1,000	720	598
7	856	740	680	1,170	1,140	2,420	5,420	1,100	752	1,030	703	598
8	840	785	660	1,260	1,120	2,100	4,720	1,070	752	857	758	670
9	824	802	635	1,470	1,100	1,870	3,960	1,060	769	808	1,070	692
10	818	775	635	1,820	1,110	1,700	3,440	1,030	780	840	874	659
11	818	750	910	2,110	1,100	1,550	3,140	1,030	818	846	824	648
12	812	740	970	2,240	1,080	1,480	3,060	1,040	835	780	780	637
13	802	730	1,430	2,190	1,070	1,400	3,020	1,010	896	764	736	664
14	796	724	1,300	2,010	1,060	1,350	2,820	978	945	769	703	610
15	796	724	1,420	1,810	1,070	1,450	2,630	918	1,040	752	681	654
16	790	718	1,560	1,670	1,270	1,550	2,450	884	1,010	769	681	654
17	780	713	1,560	1,570	1,360	1,680	2,280	890	906	764	703	625
18	770	708	1,650	1,490	1,360	1,770	2,130	896	835	769	708	704
19	750	708	1,650	1,420	1,490	1,900	1,950	896	808	780	703	722
20	740	708	1,540	1,380	1,570	1,830	1,840	906	780	764	681	686
21	735	702	1,400	1,340	1,670	1,700	1,750	896	736	708	642	654
22	730	702	1,290	1,260	1,960	1,500	1,640	870	681	730	629	629
23	735	846	1,220	1,250	2,490	1,480	1,590	862	747	664	742	615
24	735	790	1,170	1,220	3,000	1,470	1,530	835	736	642	725	604
25	730	770	1,120	1,190	3,240	1,460	1,440	824	774	637	708	588
26	735	760	1,090	1,170	2,900	1,450	1,410	808	808	659	698	593
27	724	755	1,080	1,230	2,300	1,400	1,410	796	808	670	686	604
28	713	745	1,080	1,370	2,100	1,380	1,350	791	786	769	642	604
29	713	735	1,060	1,320	-----	1,340	1,530	780	764	1,030	664	588
30	713	718	1,060	1,320	-----	1,280	1,560	808	758	950	620	576
31	713	-----	1,050	1,300	-----	1,720	-----	830	-----	813	604	-----
TOTAL	24,517	22,043	33,417	44,000	44,290	54,360	86,090	31,487	24,302	24,305	22,604	19,000
MEAN	791	735	1,078	1,419	1,582	1,754	2,870	1,016	784	784	729	633
MAX	925	846	1,650	2,240	3,240	2,700	5,700	1,630	1,040	1,030	1,070	725
MIN	713	691	635	1,020	1,060	1,280	1,350	780	725	637	604	576
CFSM	1.01	.94	1.38	1.82	2.03	2.25	3.67	1.30	1.04	1.00	.93	.81
IN	1.17	1.05	1.59	2.10	2.11	2.59	4.10	1.50	1.16	1.16	1.08	.90

CAL YR 1961: TOTAL 481,549

MEAN 1,319

MAX 6,020

MIN 635

CFSM 1.69

IN 22.93

WAT YR 1962: TOTAL 430,415

MEAN 1,179

MAX 5,700

MIN 576

CFSM 1.51

IN 20.50

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	624	552	987	750	2,000	1,860	1,280	1,020	805	1,500	2,800	910
2	662	905	987	1,950	1,900	1,794	1,260	870	794	1,760	2,380	865
3	662	574	870	744	1,920	1,820	1,240	938	783	1,890	2,020	849
4	700	563	854	750	1,910	1,740	1,220	926	722	1,860	1,770	827
5	717	558	865	739	1,870	1,670	1,190	916	712	1,640	1,540	827
6	678	546	870	744	1,800	1,640	1,170	890	712	1,400	1,420	816
7	668	552	849	772	1,740	1,600	1,180	870	706	1,370	1,370	754
8	728	568	822	788	1,710	1,560	1,170	854	700	1,140	1,340	772
9	1,130	668	788	788	1,680	1,520	1,160	849	700	1,060	1,340	761
10	875	634	766	860	1,640	1,500	1,170	854	700	1,010	1,300	744
11	778	624	772	870	1,580	1,490	1,160	849	706	987	1,260	774
12	744	634	783	1,750	1,670	1,470	1,160	832	728	987	1,260	712
13	717	651	1,070	1,700	1,690	1,580	1,160	822	734	982	1,260	700
14	695	640	1,040	1,580	1,700	1,800	1,150	860	717	960	1,330	690
15	673	607	1,050	1,460	1,780	2,070	1,110	932	717	916	1,440	695
16	662	607	1,000	1,310	2,030	2,120	1,080	954	722	900	1,420	700
17	646	602	965	1,390	2,170	2,040	1,040	932	722	895	1,380	700
18	640	596	943	1,500	2,120	1,970	1,020	905	756	910	1,360	690
19	629	596	921	1,740	2,120	1,920	998	880	860	960	1,360	684
20	618	596	900	2,030	2,070	1,830	976	890	916	970	1,320	678
21	618	624	890	2,820	1,950	1,710	970	926	910	965	1,240	662
22	624	706	885	2,720	1,890	1,590	954	932	926	976	1,190	651
23	618	656	870	2,610	1,860	1,490	943	932	976	965	1,120	541
24	602	640	860	2,810	1,990	1,430	921	932	1,150	960	1,080	624
25	607	640	890	3,100	2,080	1,400	910	921	1,340	1,110	1,060	634
26	607	634	976	3,220	2,000	1,380	895	895	1,440	1,810	1,010	629
27	602	624	810	3,130	1,920	1,370	880	880	1,590	3,170	1,010	662
28	607	618	772	2,890	1,840	1,360	875	854	1,640	3,290	965	844
29	612	646	766	2,560	-----	1,340	875	832	1,570	3,250	960	1,760
30	580	594	763	2,300	-----	1,320	916	822	1,510	3,250	960	1,140
31	563	-----	766	2,140	-----	1,300	-----	816	-----	3,110	926	-----
TOTAL	20,886	18,678	27,288	53,299	52,680	50,790	32,033	27,685	27,964	46,843	42,191	22,790
MEAN	674	623	880	1,719	1,681	1,638	1,068	893	932	1,511	1,361	760
MAX	1,130	954	1,070	3,220	2,170	2,120	1,280	1,020	1,640	3,290	2,800	1,260
MIN	563	546	766	734	1,580	1,300	875	816	783	895	926	541
CFSM	.86	.80	1.13	2.20	2.41	2.10	1.37	1.14	1.19	1.93	1.74	.97
IN	.99	.89	1.30	2.54	2.51	2.42	1.53	1.32	1.33	2.23	2.01	1.09

CAL YR 1962: TOTAL 417,290

MEAN 1,163

MAX 5,700

MIN 541

CFSM 1.46

IN 20.97

WAT YR 1963: TOTAL 423,127

MEAN 1,159

MAX 5,290

MIN 541

CFSM 1.46

IN 20.97

2-3590 Chipola River near Altha, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,160	596	792	2,130	2,670	4,250	3,150	5,520	1,410	1,140	2,120	1,320
2	1,120	486	808	1,970	2,550	3,950	2,950	6,570	1,390	1,230	2,170	1,270
3	1,100	432	819	1,880	2,400	4,620	2,750	7,000	1,330	1,340	2,100	1,220
4	1,080	558	819	1,920	2,400	5,120	2,590	7,500	1,370	1,470	1,890	1,190
5	1,000	616	745	2,000	2,410	5,180	2,460	7,540	1,350	1,440	1,760	1,180
6	896	655	780	2,130	2,560	5,070	2,370	8,280	1,460	1,310	1,720	1,180
7	830	642	751	2,690	2,520	5,290	2,330	8,890	1,610	1,240	1,730	1,160
8	797	506	739	3,010	2,730	5,410	2,300	8,640	1,600	1,210	2,060	1,160
9	739	518	721	4,270	2,850	5,720	2,290	7,600	1,630	1,180	2,240	1,100
10	636	655	691	5,650	2,890	4,800	2,250	6,140	1,620	1,140	2,160	1,090
11	703	648	610	5,800	2,930	4,290	2,190	4,610	1,530	1,120	2,200	1,880
12	685	538	715	5,940	2,850	3,880	2,140	3,750	1,430	1,120	2,400	3,050
13	679	492	984	6,580	2,740	3,570	2,140	3,250	1,360	1,160	2,180	3,650
14	661	603	1,380	7,150	2,650	3,300	2,540	2,930	1,290	1,160	2,190	3,640
15	655	603	1,440	7,080	2,510	3,190	3,230	2,680	1,230	1,140	2,090	3,310
16	642	492	1,520	6,430	2,470	3,210	3,300	2,520	1,160	1,110	1,960	3,230
17	636	603	1,520	5,940	2,430	3,070	3,270	2,420	1,140	1,080	1,820	3,190
18	622	512	1,460	5,600	2,930	2,940	3,340	2,280	1,080	1,180	1,730	3,030
19	622	558	1,380	5,110	3,450	2,880	3,460	2,180	1,110	1,650	1,720	2,730
20	610	590	1,420	4,540	3,390	3,310	3,450	2,070	1,100	1,920	1,940	2,390
21	603	577	1,360	4,170	3,330	3,460	3,260	1,960	1,080	2,210	2,080	2,130
22	590	460	1,270	4,010	3,530	3,380	2,960	1,880	1,090	2,480	2,250	1,940
23	584	610	1,270	3,870	3,770	3,240	2,630	1,800	1,070	2,580	2,380	1,800
24	584	709	1,230	3,580	3,780	3,250	2,370	1,730	1,020	2,330	2,400	1,700
25	590	610	1,210	3,430	3,670	3,340	2,200	1,690	1,260	2,130	2,310	1,590
26	584	577	1,190	3,320	3,470	3,840	2,100	1,620	1,210	2,070	2,090	1,510
27	577	715	1,170	3,070	3,590	4,120	2,470	1,570	1,220	2,030	1,920	1,440
28	564	751	1,140	2,970	4,720	3,960	3,540	1,540	1,180	2,100	1,770	1,380
29	460	745	1,120	2,910	4,660	3,710	3,950	1,510	1,150	2,300	1,670	1,360
30	532	763	1,010	2,770	-----	3,480	4,570	1,480	1,150	2,320	1,560	1,330
31	577	-----	1,470	2,740	-----	3,320	-----	1,440	-----	2,190	1,420	-----
TOTAL	22,110	17,820	33,654	124,660	88,850	121,650	84,550	120,590	38,630	50,080	61,770	58,130
MEAN	713	594	1,086	4,021	3,064	3,924	2,818	3,890	1,288	1,615	1,993	1,938
MAX	1,160	763	1,520	7,150	4,720	5,410	4,570	8,890	1,630	2,580	2,400	3,650
MIN	460	432	610	1,880	2,400	2,880	2,100	1,440	1,020	1,080	1,420	1,090
CFSM	.91	.76	1.30	5.15	3.92	5.02	3.61	4.98	1.65	2.07	2.55	2.48
IN.	1.05	.85	1.60	5.94	4.23	5.79	4.03	5.74	1.84	2.38	2.94	2.77

CAL YR 1963: TOTAL 429,860 MEAN 1,178 MAX 3,290 MIN 432 CFMS 1.51 IN 20.47
 WAT YR 1964: TOTAL 822,495 MEAN 2,247 MAX 8,890 MIN 432 CFMS 2.88 IN 39.17

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,310	1,820	2,400	5,840	2,380	2,720	3,370	2,340	978	1,960	1,580	984
2	1,330	1,770	2,310	5,020	2,280	3,530	3,410	2,170	956	1,930	1,610	968
3	1,940	1,730	2,180	4,250	2,210	3,900	3,290	1,950	907	1,870	1,440	968
4	4,200	1,700	2,510	3,690	2,160	3,790	3,110	1,850	934	1,820	1,300	962
5	4,810	1,640	2,690	3,290	2,120	3,710	2,930	1,700	946	1,760	1,210	951
6	4,310	1,600	2,530	3,010	2,130	3,730	2,790	1,580	973	1,710	1,160	934
7	3,900	1,580	2,500	2,820	2,270	3,780	2,590	1,480	978	1,730	1,160	912
8	3,890	1,560	2,540	2,670	2,300	3,710	2,410	1,420	978	1,780	1,180	896
9	4,060	1,520	2,680	2,540	2,370	3,530	2,240	1,360	1,020	1,920	1,250	863
10	4,090	1,500	2,730	2,450	2,430	3,280	2,140	1,320	1,060	1,970	1,500	841
11	3,890	1,470	2,630	2,370	2,480	3,030	2,080	1,300	1,110	2,030	1,620	830
12	3,540	1,440	2,530	2,280	2,550	2,840	1,990	1,280	1,480	2,330	1,700	874
13	3,160	1,420	2,610	2,250	3,070	2,720	1,840	1,240	1,420	2,760	1,590	819
14	3,220	1,410	2,530	2,170	3,580	2,650	1,840	1,200	1,700	2,380	1,660	841
15	4,790	1,400	2,410	2,130	3,710	2,570	1,720	1,180	2,970	2,190	1,590	870
16	4,670	1,380	2,360	2,130	3,590	2,530	1,660	1,150	3,420	2,140	1,530	830
17	4,110	1,380	2,340	2,060	3,810	2,500	1,580	1,140	3,940	2,060	1,340	868
18	3,600	1,370	2,320	1,990	4,030	2,490	1,520	1,120	4,390	1,890	1,280	868
19	3,360	1,360	2,250	1,940	4,030	2,450	1,520	1,110	4,130	1,670	1,170	852
20	3,250	1,490	2,160	1,900	3,930	2,710	2,110	1,100	3,610	1,520	1,300	846
21	3,090	1,500	2,080	1,860	3,780	2,930	2,130	1,080	3,120	1,430	1,300	841
22	2,880	1,460	2,230	1,820	3,630	3,140	2,030	1,080	2,730	1,460	1,240	841
23	2,440	1,450	2,230	1,890	3,450	3,390	1,990	1,070	2,440	1,360	1,240	697
24	2,440	1,570	2,160	2,500	3,270	3,550	1,970	1,070	2,220	1,280	1,160	797
25	2,300	1,820	2,120	2,530	3,150	3,550	1,980	1,060	2,120	1,230	1,100	885
26	2,180	1,990	2,200	2,320	2,990	3,390	2,160	1,060	2,160	1,260	1,050	852
27	2,100	2,080	2,820	2,330	2,850	3,400	2,300	1,040	2,410	1,330	1,030	863
28	2,040	2,190	3,610	2,390	2,760	3,570	2,660	1,030	2,400	1,340	1,070	962
29	1,980	2,380	4,770	2,380	-----	3,500	2,630	1,020	1,920	1,320	968	1,060
30	1,920	2,440	5,780	2,420	-----	3,310	2,510	1,010	2,040	1,340	984	1,330
31	1,870	-----	6,160	2,520	-----	3,240	-----	995	-----	1,340	995	-----
TOTAL	96,870	49,420	85,370	81,760	83,310	93,140	68,500	40,505	61,770	54,120	40,257	26,788
MEAN	3,125	1,657	2,166	2,166	2,166	2,166	2,166	2,166	2,166	2,166	2,166	2,166
MAX	4,810	2,440	6,160	5,840	4,030	3,900	3,410	2,340	4,390	2,760	1,700	1,330
MIN	1,310	1,360	2,080	1,820	2,120	2,450	1,520	995	907	1,230	968	697
CFSM	4.00	2.11	3.53	3.38	3.81	4.09	2.92	1.67	2.64	2.24	1.66	1.14
IN.	4.61	2.35	4.07	3.89	3.97	4.72	3.26	1.93	2.94	2.58	1.92	1.28

CAL YR 1964: TOTAL 980,570 MEAN 2,679 MAX 8,890 MIN 1,020 CFMS 3.43 IN 46.52
 WAT YR 1965: TOTAL 787,830 MEAN 2,158 MAX 6,160 MIN 697 CFMS 2.76 IN 37.52

2-3593 5 Econfina Creek near Compass Lake, Fla

Location --Lat 30°33'20", long 85°26'05", on line between secs 21 and 22, T 2 N, R 12 W, near center of span on downstream side of bridge on county road, 0.3 mile downstream from Long Branch and 3.5 miles southwest of town of Compass Lake, Jackson County

Drainage area --40.5 sq mi

Records available --January 1962 to November 1965 Discontinued as a continuous-record station, converted to a crest-stage partial-record station

Gage --Water-stage recorder Datum of gage is 109.48 ft above mean sea level, unadjusted

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (500 cfs), January 1962 to November 1965											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Apr 1, 1962	0400	1,050	11.58	Feb 28, 1964	0500	745	9.75	Feb 14, 1965	-	500	8.00
				Mar 26, 1964	1930	543	8.23	Mar 2, 1965	-	600	8.50
July 25, 1963	2000	* 852	10.42	Sept 11, 1964	2230	* 912	10.88	June 15, 1965	0830	794	10.03
Sept 29, 1963	0530	756	9.81					Sept 30, 1965	1830	728	9.63
Jan 9, 1964	2100	772	9.94	Oct 4, 1964	0830	* 789	10.06				
				Oct 15, 1964	1000	779	9.99	Oct 7, 1965	1230	a 525	8.08

a Maximum peak discharge, maximum discharge, 617 cfs Oct 1, 1965, stage falling

Annual minimum discharge, January 1962 to November 1965							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1962	Aug 16, 1962	10	1 83	1965	Sept 15, 1965	23	b 1 98
1963	June 15, 1963	13	1 70	1966	Nov 10, 1965	40	2 35
1964	Many days	28	a 2 07				

a Occurred June 23, 24, 1964

b Occurred June 4, 1965

1962-65 Maximum discharge, 1,050 cfs Apr 1, 1962 (gage height, 11.58 ft), from rating curve extended above 700 cfs by logarithmic plotting, minimum, 10 cfs Aug 16, 1962, minimum gage height, 1.70 ft June 15, 1963

Remarks --Records good except those for period of no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, JANUARY TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1				60	33	38	802	54	105	21	65	16
2				50	32	117	207	43	40	17	38	16
3				40	30	145	111	37	29	27	26	16
4				40	30	77	89	34	23	62	20	16
5				40	32	56	81	31	20	107	18	15
6				50	59	48	79	29	19	94	16	15
7				60	50	46	85	28	17	48	17	34
8				50	38	44	118	26	18	31	32	48
9				50	34	42	95	25	36	24	50	65
10				50	41	42	76	24	26	20	34	32
11				40	36	42	70	25	27	17	21	24
12				40	31	42	90	26	27	15	17	24
13				40	30	36	98	25	49	20	14	83
14				40	28	34	73	23	33	30	13	58
15				50	27	93	63	22	60	29	11	36
16				40	201	85	58	20	34	60	19	27
17				40	190	54	55	20	22	78	50	42
18				40	77	43	54	19	36	53	48	105
19				30	83	39	52	19	48	32	23	178
20				30	72	38	49	16	27	26	18	83
21				30	52	40	46	17	54	23	27	42
22				30	46	38	43	17	63	18	122	32
23				30	44	52	42	17	37	16	229	32
24				30	84	47	41	16	34	15	85	34
25				30	88	40	38	15	40	15	50	38
26				30	58	39	43	15	27	23	36	46
27				130	47	36	50	14	20	44	31	44
28				112	41	33	54	13	20	26	26	34
29				66	-----	31	133	13	32	82	22	29
30				43	-----	30	94	19	32	64	19	26
31				36	-----	296	-----	38	-----	38	17	-----
TOTAL				1,447	1,614	1,843	2,989	740	1,055	1,171	1,214	1,290
MEAN				46.7	57.6	59.3	99.6	23.0	32.2	37.8	39.2	43.0
MAX				130	201	296	802	54	105	107	229	178
MIN				30	27	30	38	13	17	15	11	15
CFSM				1.15	1.42	1.47	2.46	.59	.87	.93	.97	1.06
IN.				1.33	1.48	1.69	2.74	.68	.97	1.08	1.11	1.18

2-3593 5 Econfina Creek near Compass Lake, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	38	21	105	36	66	88	33	67	18	52	86	41
2	103	20	58	43	62	108	32	37	16	34	68	37
3	58	20	40	31	70	73	31	27	16	27	57	32
4	76	22	34	30	67	58	30	25	15	22	50	31
5	90	22	34	30	55	54	30	22	15	21	46	33
6	48	20	38	41	52	56	49	21	15	24	42	51
7	34	20	34	62	48	51	106	20	14	25	39	16
8	42	36	34	44	48	46	67	21	14	92	38	31
9	219	130	34	36	47	44	46	20	14	223	50	29
10	129	79	30	32	46	47	39	19	14	138	58	28
11	57	41	31	32	58	46	36	18	14	59	107	27
12	44	52	36	296	100	43	33	18	16	37	78	26
13	40	51	33	252	68	101	32	57	17	32	104	26
14	35	36	32	102	53	151	28	48	15	37	181	26
15	33	30	32	68	48	77	27	37	13	37	209	27
16	32	29	31	55	45	60	26	29	14	56	101	36
17	30	27	31	50	44	56	25	23	22	56	67	30
18	29	29	30	65	43	52	25	22	78	50	72	27
19	28	31	29	86	142	50	25	28	53	54	72	26
20	26	29	29	154	117	46	24	40	95	46	96	24
21	27	46	30	369	70	44	24	55	48	40	84	23
22	44	86	30	184	53	40	24	38	51	58	81	14
23	33	52	29	98	48	40	22	32	83	42	64	29
24	36	26	24	79	92	39	22	24	54	61	53	25
25	23	31	46	70	100	38	21	23	58	390	47	23
26	22	30	98	68	76	50	21	21	47	309	42	23
27	22	28	103	75	70	60	20	20	30	129	40	85
28	22	27	68	69	58	56	20	18	66	97	40	345
29	22	30	56	62	-----	40	21	24	138	173	38	552
30	22	107	66	62	-----	36	35	27	76	89	38	156
31	22	-----	44	74	-----	34	-----	21	-----	70	36	-----
TOTAL MEAN	1,476	1,218	1,351	2,745	1,846	1,774	974	904	1,174	2,580	2,184	1,919
MAX	219	130	105	369	142	151	106	67	138	390	209	552
MIN	22	20	26	30	43	34	20	18	13	21	36	23
CFSM IN.	1.18	1.00	1.08	2.19	1.63	1.41	.80	.72	.97	2.05	1.74	1.58
IN.	1.36	1.12	1.24	2.52	1.70	1.63	.89	.83	1.08	2.37	2.01	1.76

CAL YR 1962: TOTAL 17,408 MEAN 47.7 MAX 802 MIN 11 CFSM 1.18 IN 15.99
WAT YR 1963: TOTAL 20,145 MEAN 55.2 MAX 552 MIN 13 CFSM 1.36 IN 18.50

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	100	31	52	229	89	131	99	151	46	56	80	45
2	47.6	49	43	201	83	157	95	266	43	59	74	42
3	133	38	56	81	80	386	95	368	40	86	65	58
4	78	35	47	69	80	296	101	161	38	146	62	92
5	66	35	40	97	116	217	94	115	40	111	74	81
6	59	40	37	120	186	165	94	99	110	65	84	162
7	56	37	36	261	134	128	119	93	127	44	99	81
8	52	33	40	260	161	120	108	89	80	36	110	62
9	49	32	42	620	124	115	95	86	86	35	100	53
10	47	36	36	407	95	114	84	84	67	38	96	57
11	45	37	35	173	86	106	78	81	52	97	131	489
12	44	34	79	271	81	100	75	78	48	87	138	662
13	42	30	231	215	79	95	91	82	58	89	135	316
14	40	30	291	149	87	93	266	80	46	72	87	169
15	38	30	144	124	84	131	353	72	41	51	66	120
16	38	31	79	126	96	195	166	67	38	40	58	103
17	37	31	61	251	83	127	106	65	36	42	58	95
18	35	30	56	215	266	99	90	62	33	153	89	90
19	34	30	54	141	232	125	84	59	32	375	76	86
20	34	29	51	150	120	298	81	56	30	729	101	87
21	33	29	49	132	95	193	77	55	29	137	206	78
22	32	28	46	115	93	120	75	53	31	156	179	75
23	32	58	76	111	88	104	74	52	29	95	197	72
24	35	65	69	108	84	106	72	67	49	114	116	70
25	36	42	52	120	122	121	70	81	95	120	80	65
26	36	38	46	113	125	370	95	60	78	207	66	62
27	33	40	45	99	294	278	257	52	50	282	59	63
28	32	69	44	96	567	149	310	51	49	250	56	62
29	30	157	42	91	201	130	259	52	154	154	54	60
30	29	94	42	87	-----	111	132	48	60	98	50	59
31	29	-----	113	88	-----	102	-----	46	-----	84	48	-----
TOTAL MEAN	1,654	1,298	2,134	5,320	4,011	4,982	3,795	2,811	1,630	3,608	2,894	3,607
MAX	270	157	291	620	547	386	353	348	127	375	206	662
MIN	29	28	35	69	79	93	70	46	29	35	48	42
CFSM IN.	1.32	1.07	1.70	4.24	3.42	3.97	3.12	2.24	1.34	2.87	2.31	2.97
IN.	1.52	1.19	1.96	4.89	3.68	4.57	3.48	2.58	1.50	3.31	2.66	3.31

CAL YR 1963: TOTAL 21,186 MEAN 58.0 MAX 552 MIN 13 CFSM 1.43 IN 19.45
WAT YR 1964: TOTAL 37,744 MEAN 103 MAX 662 MIN 28 CFSM 2.55 IN 34.66

COASTAL BASINS BETWEEN APALACHICOLA RIVER AND CHOCTAWHATCHEE RIVER

2-3593 5 Econfina Creek near Compass Lake, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965													
DAY	OCT.	NOV.	DEC.	JAN.	FEB	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
1	59	71	68	66	80	100	114	65	26	65	165	32	
2	57	69	68	64	100	59	54	250	56	134	134	33	
3	236	68	65	65	90	264	87	96	26	60	67	36	
4	662	67	141	62	70	134	81	54	26	56	53	46	
5	348	65	197	58	60	108	80	52	26	54	66	36	
6	172	63	155	60	80	104	75	50	26	52	79	30	
7	113	62	93	58	120	98	72	49	24	57	96	78	
8	96	62	79	56	110	95	69	48	84	99	96	26	
9	89	61	73	56	120	92	68	46	51	120	98	26	
10	84	60	69	64	80	90	66	44	75	169	76	25	
11	80	59	68	64	60	90	64	43	137	284	62	25	
12	77	59	128	56	100	90	62	42	330	137	57	25	
13	75	60	178	55	300	93	58	39	173	108	59	25	
14	192	63	114	54	350	95	54	37	255	87	54	24	
15	647	60	81	53	200	87	52	36	676	72	49	74	
16	256	58	73	55	130	81	52	35	321	62	53	52	
17	152	59	72	55	180	79	50	35	153	62	46	69	
18	115	56	73	50	140	84	48	34	132	52	51	36	
19	104	58	67	50	110	106	62	33	114	48	63	32	
20	99	117	68	50	90	255	217	32	93	48	74	29	
21	93	110	74	55	80	177	141	32	78	47	80	27	
22	90	70	73	55	80	101	82	32	70	52	54	25	
23	87	62	77	100	80	91	110	31	67	46	55	25	
24	84	124	72	300	90	89	81	30	65	42	41	30	
25	83	172	86	200	130	85	90	32	87	44	37	66	
26	80	119	106	100	90	99	150	32	138	48	34	37	
27	80	79	180	80	80	197	166	30	181	81	34	34	
28	78	94	124	70	80	217	163	30	106	59	53	106	
29	76	128	84	66	-----	95	95	31	75	48	185	185	
30	74	84	74	80	-----	104	73	50	67	64	36	516	
31	72	-----	70	100	-----	108	-----	27	-----	66	33	-----	
TOTAL	4,626	2,339	2,947	2,351	3,280	3,912	2,678	1,226	3,710	2,329	2,003	1,708	
MEAN	149	78.0	95.1	75.8	117	126	89.3	39.3	124	75.1	62.6	56.9	
MAX	662	172	197	300	350	350	217	255	676	284	165	134	
MIN	59	56	65	50	60	79	48	27	26	42	33	24	
CFSM	3.68	1.93	2.35	1.87	2.89	3.12	2.20	.98	3.05	1.86	1.60	1.41	
IN.	4.25	2.15	2.71	2.16	3.01	3.59	2.46	1.13	3.05	2.14	1.84	1.57	
CAL YR	1964	TOTAL	42,570	MEAN	116	MAX	692	MIN	29	CFSM	2.87	IN	39.09
1965	TOTAL	33,109	MEAN	90.7	MAX	656	MIN	24	CFSM	2.87	IN	30.40	

[illegible]

2-3594 5 Econfina Creek near Fountain, Fla

Location --Lat 30°28'55", long 85°31'30", in SE¹ sec 15, T 1 N , R 13 W , near left bank at downstream side of Walsingham bridge on county road, 0 2 mile upstream from Mitchell Mill Creek, 6 0 miles west of Fountain, Bay County, and 23 miles upstream from mouth

Drainage area --70 2 sq mi

Records available --Water years 1962-65 (annual maximum) January 1965 to September 1965 Miscel-
laneous discharge measurements for some periods prior to January 1965

Gage --Digital water-stage recorder Datum of gage is 31 84 ft above mean sea level, datum of 1929,
Jan 31, 1962, to Dec 30, 1964, crest-stage gage at same site and datum

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)
Annual maximum discharge (*) for water years 1962-65 and peak discharge above base (600 cfs)
from January to September 1965

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Apr 2, 1962	-	*1,180	12 69	Sept 12, 1964	-	*1,170	12 65	Feb 14, 1965	1345	606	9 28
								Mar 2, 1965	1730	698	9 86
Sept 28, 1963	-	*905	11 25	Oct 4, 1964	-	*1,100	12 30	June 15, 1965	1945	988	11 64

Minimum discharge from January to September 1965

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1965	June 3, 1965	123	4 43				

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, JANUARY TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC	JAN	FEB	MAR.	APR	MAY	JUNE	JULY	AUG	SEPT
1				177	194	203	246	180	127	185	393	146
2				173	214	573	221	172	126	187	331	145
3				176	208	591	205	167	125	184	207	154
4				172	179	303	198	164	125	171	182	165
5				165	169	247	196	160	125	164	202	148
6				167	182	229	189	158	125	160	257	140
7				164	234	221	184	156	132	167	251	135
8				162	231	214	180	155	172	214	248	132
9				161	234	209	178	152	165	251	246	133
10				174	194	207	176	150	174	275	214	131
11				177	175	202	173	149	235	430	192	129
12				164	198	200	170	146	456	310	183	128
13				160	483	205	167	144	354	205	184	128
14				158	569	208	162	139	392	215	175	128
15				157	390	198	160	137	859	191	167	126
16				162	286	190	160	136	726	178	167	132
17				160	330	186	155	137	351	174	167	200
18				156	305	190	155	136	286	163	165	144
19				154	257	203	160	134	256	156	177	134
20				153	255	408	370	133	226	158	186	131
21				160	211	367	293	132	199	160	200	129
22				157	204	234	211	132	186	158	169	126
23				197	199	209	228	131	180	153	167	126
24				471	211	205	202	131	182	146	153	132
25				373	262	198	201	152	203	151	147	172
26				230	223	204	283	163	281	182	149	146
27				207	199	335	333	136	326	217	160	137
28				183	191	418	328	133	273	186	192	243
29				173	-----	315	230	133	228	158	208	317
30				197	-----	240	193	134	195	153	156	637
31			-----	232	-----	236	-----	128	-----	182	148	-----
TOTAL				5,872	6,957	8,148	6,307	4,510	7,790	5,984	6,143	4,974
MEAN				189	248	263	210	145	260	193	198	166
MAX				471	569	591	370	180	859	430	393	637
MIN				153	169	186	155	131	125	146	147	126
CFSM				2 69	3 53	3 75	2 99	2 07	3 70	2 75	2 82	2 36
IN				3 11	3 69	4 32	3 34	2 39	4 13	3 17	3 25	2 64

2-3595 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 (revised)

Records available --October 1935 to September 1965 Monthly discharge only for some periods, published in WSP 1304

Gage --Digital water-stage recorder Datum of gage is 1.03 ft above mean sea level, datum of 1929 Prior to Jan 29, 1962, staff gage and Jan 29, 1962, to June 15, 1965, graphic water-stage recorder, at same site and datum

Average discharge --30 years, 535 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,000 cfs revised), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Sept 1, 1961	-	* 895	7 30	Jan 10, 1964	2100	1,210	8 48	Oct 5, 1964	1230	1,350	8 89
				Feb 29, 1964	0830	1,160	8 29	Oct 16, 1964	1500	1,390	8 74
Apr 2, 1962	1300	* 1,320	8 71	Mar 4, 1964	1730	1,020	7 77	Mar 2, 1965	1930	1,080	8 13
				Mar 27, 1964	2100	1,010	7 76	Mar 28, 1965	1200	1,030	8 00
July 27, 1963	0230	* 1,140	8 20	Apr 28, 1964	2100	1,090	8 05	Apr 20, 1965	0700	1,360	8 93
Sept 29, 1963	0330	* 1,310	8 68	Sept 13, 1964	0930	* 1,370	9 00	June 15, 1965	1600	* 1,410	9 04
								Aug 1, 1965	1830	1,280	8 70

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	June 6-9, 1961	439	4 84	1964	Oct 30, 31, 1963	424	5 53
1962	July 13, 1962	358	a 5 02	1965	June 4, 1965	498	5 94
1963	June 16, 17, 1963	346	5 00				

a Occurred Oct 21, 22, 28, Nov 8-12, 1961

1935-65 Maximum discharge observed, 4,860 cfs Apr 2, 1948 (gage height, 12.46 ft), from rating curve extended above 3,200 cfs, minimum, 307 cfs Jan 9, 1956 (gage height, 4.10 ft). Maximum stage known, 15.0 ft, from floodmarks, either in September 1926 or in April 1928 (based on a study of rainfall records)

Remarks --Records fair prior to October 1963 and good thereafter Flow includes large ground-water inflow Records of chemical analyses and water temperatures for the water years 1962-65 are published in reports of the Geological Survey

Revisions (water years) --WSP 872 1937 WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	630	505	488	526	490	494	686	506	452	486	475	832
2	582	502	486	511	487	506	614	658	452	472	482	622
3	558	496	481	481	499	505	523	622	449	460	484	680
4	550	493	486	472	508	490	517	535	446	468	546	604
5	546	490	488	463	494	481	500	493	441	460	618	586
6	566	490	488	463	499	474	493	484	439	478	688	594
7	740	487	484	460	602	469	493	481	439	496	756	574
8	806	487	481	463	570	468	493	472	439	518	730	580
9	730	490	478	481	528	463	496	496	439	492	664	610
10	632	490	484	475	505	457	493	590	444	506	614	596
11	592	493	532	463	492	454	493	574	446	541	570	574
12	570	493	547	460	481	454	535	517	444	632	560	566
13	556	493	516	487	478	454	656	487	441	590	535	610
14	550	493	490	622	475	457	606	475	454	496	522	598
15	541	493	498	586	475	457	554	470	452	505	520	602
16	538	490	517	506	472	449	742	466	490	558	523	618
17	532	490	500	476	469	463	718	460	493	602	516	576
18	524	490	487	472	472	738	598	457	469	614	494	536
19	528	493	481	466	529	814	526	452	478	642	493	532
20	550	490	480	463	554	738	500	449	610	536	496	526
21	550	490	492	463	512	634	493	446	612	534	493	526
22	541	490	476	460	493	546	490	460	594	634	487	520
23	532	492	475	460	536	508	486	460	520	570	496	514
24	523	517	472	459	598	490	484	486	472	532	520	511
25	520	511	475	522	532	478	484	622	463	550	612	505
26	517	499	472	662	511	476	480	578	453	530	702	505
27	514	494	472	728	490	474	486	544	463	520	846	511
28	511	493	469	662	480	492	523	510	526	578	790	508
29	505	508	463	554	-----	541	506	481	505	566	656	502
30	505	505	469	517	-----	608	480	466	546	523	592	499
31	508	-----	487	506	-----	662	-----	460	-----	492	638	-----
TOTAL	17,547	14,847	15,114	15,789	14,231	16,194	16,148	15,657	14,371	16,581	16,118	17,117
MEAN	566	495	488	509	508	522	538	505	479	535	584	571
MAX	806	517	547	728	602	814	742	658	612	642	846	832
MIN	505	487	463	459	469	449	480	446	439	460	475	499
CFSM	4.64	4.06	4.00	4.17	4.17	4.28	4.41	4.14	3.93	4.79	4.68	4.68
IN.	5.35	4.53	4.61	4.81	4.34	4.94	4.92	4.77	4.38	5.05	5.52	5.22

CAL YR 1960: TOTAL 219,142 MEAN 599 MAX 1,480 MIN 463 CFSM 4.91 IN 66.80
WAT YR 1961 TOTAL 191,714 MEAN 525 MAX 846 MIN 439 CFSM 4.31 IN 58.44

2-3595 Econfina Creek near Bennett, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	494	441	423	463	431	427	1,030	491	402	387	438	394
2	490	441	420	489	422	506	1,260	447	451	374	435	398
3	490	442	420	463	418	612	891	429	420	368	406	400
4	486	441	415	442	426	556	428	418	390	377	390	396
5	478	441	416	435	418	489	566	412	379	431	383	392
6	478	439	418	440	435	456	542	408	383	489	381	392
7	476	440	424	449	463	442	535	404	379	447	406	447
8	474	434	420	460	438	438	556	402	379	402	472	502
9	472	433	420	467	424	433	566	398	377	381	463	503
10	469	432	435	442	429	431	525	396	396	368	435	489
11	464	430	610	431	427	433	503	402	438	361	406	475
12	463	429	652	429	420	431	503	414	408	360	390	451
13	462	429	710	414	414	422	542	398	420	360	381	498
14	463	429	682	408	412	416	515	392	438	392	377	554
15	459	430	630	410	410	470	489	389	402	385	376	685
16	456	429	610	412	458	527	470	385	424	385	372	566
17	456	430	615	406	448	477	458	386	368	427	408	527
18	450	427	571	400	583	440	458	379	387	424	440	539
19	452	426	561	390	513	427	454	377	442	400	414	600
20	447	424	518	389	508	420	449	376	420	398	390	618
21	442	423	484	383	470	424	440	376	389	408	392	508
22	442	430	470	377	449	422	435	372	422	381	445	456
23	446	463	465	381	440	424	429	370	429	374	418	440
24	444	493	456	381	479	435	427	370	427	377	630	438
25	444	466	451	379	530	427	422	370	412	377	482	438
26	445	439	447	379	489	418	427	368	400	398	431	487
27	442	433	447	415	456	414	454	365	381	463	429	520
28	440	427	470	537	442	408	451	365	381	463	412	470
29	441	423	465	513	-----	404	547	365	396	438	422	442
30	444	422	451	470	-----	404	561	372	396	535	408	427
31	444	-----	447	444	-----	523	-----	376	-----	494	398	-----
TOTAL MEAN	14,251 460	13,086 436	15,424 498	13,298 429	12,842 436	13,956 450	16,238 521	12,167 392	12,164 407	12,624 407	13,211 426	14,538 488
MAX	494	493	710	537	648	612	1,260	491	451	535	630	685
MIN	440	422	416	377	410	404	422	365	377	360	372	392
CFSM	3.77	3.58	4.08	3.52	3.76	3.69	4.52	3.22	3.32	3.34	3.49	3.97
IN.	4.34	3.99	4.70	4.05	3.91	4.25	5.04	3.71	3.71	3.85	4.03	4.43

CAL YR 1961: TOTAL 186,967 MEAN 512 MAX 846 MIN 416 CFSM 4.20 IN 56.99
 MAY YR 1962: TOTAL 164,099 MEAN 450 MAX 1,260 MIN 360 CFSM 3.69 IN 50.02

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	422	371	523	418	464	456	386	442	357	460	615	481
2	511	370	477	407	454	520	383	413	353	422	595	479
3	513	371	497	440	448	381	350	382	360	400	549	466
4	486	373	413	398	452	460	381	376	350	390	520	456
5	523	373	409	397	440	448	379	368	352	381	504	466
6	481	371	413	409	435	444	398	366	353	376	486	504
7	438	370	409	435	414	437	372	371	352	390	490	483
8	424	400	411	425	425	425	477	373	353	402	499	460
9	486	595	411	409	422	422	433	365	352	554	481	450
10	608	542	402	400	422	422	409	363	354	652	483	446
11	502	454	398	402	429	422	398	360	360	535	527	442
12	444	435	398	615	477	422	393	366	356	438	551	438
13	425	448	397	750	481	424	386	397	360	409	542	437
14	418	425	397	628	448	513	379	415	354	406	698	435
15	413	409	395	492	431	508	378	406	349	420	915	433
16	409	400	395	454	422	446	376	384	347	427	780	440
17	404	400	390	440	416	433	376	371	378	435	618	442
18	397	402	388	448	416	424	374	373	530	438	568	437
19	393	406	386	470	537	418	373	391	556	460	575	429
20	388	402	384	566	595	415	373	378	561	435	573	424
21	391	420	386	762	520	406	373	391	475	454	580	420
22	406	483	388	770	462	400	371	402	472	490	573	427
23	406	472	386	590	442	398	370	395	544	508	544	435
24	390	433	383	506	472	397	366	379	479	635	513	422
25	381	415	433	477	537	397	365	368	444	840	497	416
26	379	407	547	470	504	400	363	363	437	1,010	483	418
27	378	400	580	472	481	420	363	360	413	1,050	492	504
28	374	398	513	470	458	415	363	357	404	782	561	909
29	374	398	466	458	-----	402	365	365	504	745	525	1,240
30	373	446	462	454	-----	393	395	373	517	700	495	1,160
31	373	-----	440	462	-----	390	-----	365	-----	605	490	-----
TOTAL MEAN	13,310 429	12,589 426	13,213 426	15,256 492	12,919 461	13,384 432	11,629 388	11,782 413	12,386 413	16,649 537	17,322 559	15,399 513
MAX	608	595	580	770	595	530	502	442	561	1,050	915	1,240
MIN	373	370	383	397	416	390	363	357	347	376	481	416
CFSM	3.52	3.44	3.49	4.03	3.78	3.58	3.18	3.12	3.38	4.40	4.48	4.11
IN.	4.06	3.84	4.03	4.65	3.94	4.08	3.54	3.59	3.78	5.08	5.28	4.69

CAL YR 1962: TOTAL 160,450 MEAN 440 MAX 1,260 MIN 360 CFSM 3.60 IN 48.91
 MAY YR 1963: TOTAL 165,858 MEAN 454 MAX 1,240 MIN 347 CFSM 3.72 IN 50.55

2-3595 Econfina Creek near Bennett, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	828	430	534	814	587	892	654	820	520	590	769	576
2	722	442	478	755	570	772	646	864	518	610	688	565
3	822	441	490	601	565	957	635	923	508	570	632	582
4	660	436	485	540	562	1,010	640	948	500	615	604	719
5	562	435	462	562	596	968	635	794	498	682	612	666
6	526	441	450	582	716	850	632	705	528	621	638	666
7	505	438	446	772	708	758	747	671	629	537	657	705
8	492	432	448	848	727	705	705	652	604	502	738	626
9	480	430	450	1,070	694	685	677	640	562	490	722	593
10	472	438	446	1,200	635	677	632	632	565	508	696	570
11	464	436	441	1,090	590	654	612	624	545	649	864	777
12	462	432	480	962	568	640	598	618	520	682	909	1,150
13	466	429	722	954	559	629	598	618	520	612	960	1,310
14	454	426	856	862	562	621	761	615	518	610	862	1,100
15	448	428	839	733	562	654	946	601	500	565	772	873
16	446	429	663	696	579	744	943	587	492	523	654	758
17	444	429	554	845	562	730	772	576	490	510	632	710
18	441	428	510	881	736	660	677	573	488	520	632	688
19	440	426	492	797	862	652	640	562	482	722	674	674
20	438	426	482	755	783	864	624	559	478	892	694	657
21	436	426	480	730	652	901	612	554	478	848	727	643
22	434	428	470	685	610	783	604	548	480	856	901	632
23	432	452	490	663	587	688	596	545	472	758	957	624
24	434	500	508	646	576	660	593	554	472	666	878	618
25	436	466	490	643	610	677	587	610	562	705	750	607
26	438	450	472	649	654	856	618	587	573	850	668	593
27	435	452	464	626	789	990	808	554	590	828	635	590
28	430	500	458	618	1,140	929	1,020	542	542	859	618	593
29	428	691	450	593	1,130	769	1,040	540	548	859	610	590
30	424	646	447	587	-----	702	912	531	601	733	593	590
31	424	-----	610	587	-----	671	-----	518	-----	663	584	-----
TOTAL	15,323	13,663	16,067	23,346	19,471	23,748	21,164	19,665	15,783	20,635	22,280	21,060
MEAN	494	455	518	753	671	766	705	634	526	666	719	702
MAX	828	691	856	1,200	1,140	1,010	1,040	948	629	892	960	1,330
MIN	424	426	459	621	560	621	587	518	472	490	584	565
CFSM	4.05	3.73	4.25	6.17	5.30	6.28	5.78	5.20	4.31	5.46	5.89	5.75
IN.	4.67	4.16	4.90	7.12	5.94	7.24	6.45	5.99	4.81	6.29	6.79	6.42

CAL YR 1963: TOTAL 171,779

MEAN 471

MAX 1,240

MIN 347

CFSM 3.86

IN 52.36

WAT YR 1964: TOTAL 234,205

MEAN 634

MAX 1,330

MIN 424

CFSM 5.20

IN 70.78

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	610	602	600	566	588	605	678	608	502	602	1,010	574
2	604	600	582	560	584	958	652	588	502	628	1,050	576
3	820	598	580	566	595	1,030	628	578	508	688	793	582
4	1,220	595	648	560	568	928	608	570	506	688	705	620
5	1,320	590	748	550	550	732	600	564	510	598	722	588
6	1,120	588	762	548	552	670	590	558	506	582	770	566
7	838	584	695	546	598	445	584	554	506	600	805	556
8	718	586	628	542	612	632	578	550	526	685	889	550
9	672	582	600	540	628	622	574	546	560	760	820	548
10	648	578	586	546	590	615	570	544	548	728	760	548
11	630	576	584	560	560	610	566	540	582	752	710	546
12	615	576	630	546	580	605	562	536	712	865	690	542
13	605	576	738	538	788	605	556	532	805	811	688	542
14	735	576	722	534	919	608	548	528	847	708	652	546
15	1,190	574	645	532	910	600	544	524	1,240	682	628	540
16	1,260	570	605	536	778	590	546	522	1,320	658	615	542
17	1,030	570	590	536	742	584	538	520	1,210	628	620	590
18	805	568	588	530	742	590	536	518	886	598	632	584
19	728	568	580	528	702	605	590	516	738	576	630	556
20	698	662	576	526	648	712	1,200	514	678	584	630	546
21	678	675	576	524	618	785	916	514	632	600	640	540
22	662	628	578	528	610	708	823	514	605	582	625	536
23	650	584	584	560	602	630	722	512	592	568	600	536
24	640	622	582	799	612	610	675	510	582	558	588	542
25	632	755	586	829	662	598	635	510	595	556	576	566
26	628	730	602	710	650	595	692	552	620	632	572	572
27	625	652	672	625	610	685	765	526	725	765	568	552
28	622	620	700	584	590	985	853	516	742	690	620	658
29	618	660	638	566	-----	871	740	522	662	608	772	768
30	612	648	590	570	-----	735	648	524	632	595	608	955
31	608	-----	578	602	-----	672	-----	508	-----	590	578	-----
TOTAL	23,841	18,293	19,373	17,787	18,188	21,420	19,717	16,618	20,579	20,165	21,466	17,467
MEAN	769	610	625	574	650	691	657	536	686	650	692	582
MAX	1,320	755	762	829	919	1,030	1,200	608	1,320	865	1,050	955
MIN	604	568	576	524	550	584	536	506	502	556	568	536
CFSM	6.20	5.00	5.12	4.70	5.32	5.46	5.39	4.39	5.62	5.33	5.68	4.77
IN.	7.27	5.58	5.91	5.42	5.54	6.53	6.01	5.07	6.27	6.15	6.54	5.32

CAL YR 1964: TOTAL 248,659

MEAN 679

MAX 1,330

MIN 472

CFSM 5.57

IN 75.80

WAT YR 1965: TOTAL 234,914

MEAN 644

MAX 1,320

MIN 502

CFSM 5.28

IN 71.61

2-3595 5 Bear Creek near Youngstown, Fla

Location --Lat 30°19'10", long 85°27'20", in NE¹ sec 17, T 2 S, R 12 W, near center of span on downstream side of bridge on U S Highway 231, 0.1 mile downstream from South Fork Bear Creek, 0.7 mile upstream from Little Bear Creek, and 3.2 miles south of Youngstown, Bay County

Drainage area --67.2 sq mi

Records available --January 1962 to November 1965 Discontinued as a continuous-record station, converted to a crest-stage partial-record station

Gage --Digital water-stage recorder Datum of gage is 10.14 ft above mean sea level, datum of 1929 Prior to June 15, 1965, graphic water-stage recorder at same site and datum

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,500 cfs), January 1962 to November 1965							
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Apr 1, 1962	0530	1,500	11.38	Jan 9, 1964	2330	* 2,010	12.26
				Feb 28, 1964	1530	1,920	12.11
Sept 28, 1963	2400	* 2,260	12.68	Aug 11, 1964	1030	1,830	11.96
Oct 2, 1963	2030	1,590	11.53	Oct 4, 1964	1430	2,170	12.54
				Oct 7, 1965	0630	a 1,340	11.08

a Maximum discharge for period October to November 1965

Annual minimum discharge, January 1962 to November 1965							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1962	Many days	34	2.40	1964	June 20, 21, 1964	49	2.83
1963	Apr 27-30, June 3, 4, 1963	39	2.52	1965	June 4, 1965	50	2.85
				1966	Nov 22, 1965	54	3.16

1962-65 Maximum discharge, 2,810 cfs Oct 15, 1964 (gage height, 13.56 ft), minimum, 34 cfs June 17, 18, 20, 21, 1962 (gage height, 2.40 ft)

Remarks --Records good except those for periods of shifting control, which are fair Records of chemical analyses for the 1962 water year are published in reports of the Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR JANUARY TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1				60	82	50	1,320	59	37	48	110	38
2				60	73	94	1,020	53	37	47	92	39
3				60	66	139	499	49	38	38	70	40
4				60	62	115	302	47	37	38	57	41
5				50	61	86	208	45	35	70	50	41
6				50	62	70	164	44	35	106	46	37
7				60	66	62	144	43	39	70	42	47
8				60	62	57	144	42	51	56	51	158
9				60	57	54	128	62	45	48	92	127
10				60	62	52	108	41	39	42	62	100
11				50	61	52	94	41	38	38	48	89
12				50	57	50	112	46	38	36	43	100
13				50	54	48	155	43	43	35	40	118
14				50	52	47	125	41	40	39	38	320
15				50	51	62	100	40	36	109	36	1,120
16				50	64	82	86	40	36	170	36	566
17				50	70	72	75	41	35	157	40	398
18				50	60	57	69	40	35	132	42	284
19				50	62	52	64	38	37	97	38	205
20				50	72	49	60	39	35	100	39	150
21				50	65	49	56	42	35	124	46	117
22				50	57	48	53	39	44	86	56	94
23				50	54	49	52	38	57	88	158	86
24				46	55	49	50	37	60	131	133	80
25				46	71	48	49	36	53	117	84	75
26				45	70	47	49	36	44	126	62	93
27				97	58	46	51	35	39	134	49	144
28				217	53	44	51	35	46	120	52	148
29				175	-----	44	76	35	86	120	57	102
30				118	-----	44	74	37	60	112	46	82
31				96	-----	159	-----	40	-----	102	42	-----
TOTAL				2,070	1,739	1,977	5,538	1,284	1,290	2,726	1,857	5,060
MEAN				66.8	62.1	63.8	185	41.4	43.0	87.9	59.9	169
MAX				217	82	159	1,320	59	86	170	158	1,120
MIN				45	51	44	49	35	35	35	36	37
CFSM				.99	.92	.95	2.75	.62	.64	1.31	.89	2.51
IN.				1.15	.96	1.09	3.06	.71	.71	1.51	1.03	2.80

COASTAL BASINS BETWEEN APALACHICOLA RIVER AND CHOCTAWHATCHEE RIVER

2-3595 5 Bear Creek near Youngstown, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963													
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.		
1	122	46	186	111	98	128	48	120	42	135	270		
2	330	45	156	98	92	144	47	108	40	112	292		
3	259	45	115	88	90	132	46	62	40	130	223		
4	179	46	96	82	90	113	46	52	47	117	158		
5	184	46	91	77	83	102	46	47	62	106	132		
6	141	45	102	88	78	95	52	46	56	117	238		
7	103	45	94	102	72	88	90	46	50	245	105		
8	90	59	90	96	69	80	84	76	55	206	110		
9	133	214	96	86	66	76	63	100	66	320	123		
10	168	178	88	84	65	76	55	58	93	458	99		
11	132	112	79	88	75	74	51	48	70	266	88		
12	96	112	78	145	134	71	49	45	64	167	86		
13	82	123	76	289	123	68	47	52	62	121	89		
14	73	102	72	246	101	66	45	50	55	98	265		
15	66	86	69	144	88	64	44	68	50	93	562		
16	65	76	67	112	79	61	44	61	46	132	477		
17	62	69	65	98	73	60	44	54	56	153	289		
18	58	65	63	94	70	58	43	50	233	155	202		
19	55	62	61	94	262	57	43	48	465	212	164		
20	53	59	60	127	273	56	43	49	512	182	140		
21	52	70	58	255	204	54	42	57	348	217	295		
22	58	134	58	278	152	53	42	74	332	294	253		
23	56	121	56	190	124	52	41	101	572	310	204		
24	52	94	55	136	170	52	40	72	471	538	198		
25	49	79	74	114	222	51	40	57	298	828	224		
26	48	71	182	103	194	51	40	51	201	662	183		
27	47	66	302	108	166	52	40	47	153	519	178		
28	46	62	273	110	138	50	44	51	161	471	208		
29	46	62	198	100	-----	49	39	45	217	495	147		
30	46	123	159	93	-----	49	47	47	176	483	121		
31	46	-----	134	100	-----	48	-----	44	-----	339	146		
TOTAL	2,997	2,517	3,353	3,936	3,451	2,230	1,440	1,877	5,093	8,676	6,645		
MEAN	96.7	83.9	108	125	123	71.9	46.0	60.6	170	280	198		
MAX	330	214	302	289	273	144	90	120	572	828	562		
MIN	46	45	55	77	65	48	39	44	40	93	86		
CFSM	1.44	1.25	1.61	1.89	1.83	1.07	.71	.90	2.53	4.16	2.95		
IN.	1.66	1.39	1.86	2.18	1.91	1.23	.80	1.04	2.82	4.80	3.40		
CAL YR 1962:	TOTAL 32,408			MEAN 88.8		MAX 1,320		MIN 35		CFSM 1.32		IN 17.94	
WAT YR 1963:	TOTAL 48,361			MEAN 132		MAX 2,020		MIN 39		CFSM 1.97		IN 26.76	

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964													
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.		
1	482	62	164	662	129	496	158	408	62	245	264		
2	763	65	120	514	123	366	140	435	61	227	212		
3	792	68	178	328	118	501	129	445	59	161	192		
4	377	64	162	247	114	655	126	337	58	209	162		
5	253	64	133	236	140	475	120	244	57	177	304		
6	189	71	117	261	230	306	115	184	74	153	296		
7	154	68	106	526	228	220	129	149	109	114	420		
8	133	64	104	672	249	181	165	127	88	89	644		
9	122	63	106	1,600	247	160	168	115	71	76	644		
10	112	72	96	1,370	202	148	137	107	79	76	473		
11	104	70	90	658	164	142	116	100	76	114	1,470		
12	98	66	164	784	140	136	105	94	66	181	1,060		
13	93	62	925	753	132	133	102	92	61	231	1,090		
14	88	61	916	470	132	130	192	92	58	150	864		
15	86	60	638	337	127	151	316	88	56	114	514		
16	83	60	397	352	130	202	335	82	54	90	328		
17	80	60	271	538	124	180	223	79	52	78	284		
18	78	59	210	542	316	160	158	76	51	78	264		
19	75	58	174	406	441	199	129	72	50	101	200		
20	73	58	151	320	345	510	115	70	50	229	375		
21	72	57	137	275	233	362	106	69	51	277	395		
22	70	56	126	247	189	238	98	68	56	244	525		
23	68	82	139	211	167	185	93	67	52	298	728		
24	69	105	142	191	147	161	90	90	75	753	469		
25	69	84	128	185	159	163	86	108	106	524	317		
26	69	74	118	177	174	720	117	96	87	756	224		
27	67	80	112	162	610	742	342	84	95	852	174		
28	65	123	106	153	1,710	451	997	76	150	512	146		
29	63	292	100	143	898	301	1,010	70	182	332	129		
30	62	240	96	134	-----	228	555	66	192	240	117		
31	62	-----	354	130	-----	183	-----	64	-----	188	108		
TOTAL	4,971	2,468	6,780	13,584	8,118	9,185	6,672	4,254	2,338	7,869	13,392		
MEAN	160	82.3	219	438	280	296	222	137	77.9	254	432		
MAX	792	292	925	1,600	1,710	742	1,010	445	192	852	1,470		
MIN	62	56	90	130	114	130	86	50	76	108	76		
CFSM	2.39	1.22	3.25	6.52	4.17	4.41	3.31	2.04	1.16	3.78	6.43		
IN.	2.75	1.37	3.75	7.52	4.49	5.08	3.69	2.35	1.29	4.35	7.41		
CAL YR 1963:	TOTAL 53,713			MEAN 147		MAX 2,020		MIN 39		CFSM 3.19		IN 29.73	
WAT YR 1964:	TOTAL 89,749			MEAN 234		MAX 1,710		MIN 50		CFSM 3.49		IN 47.46	

2-3595 5 Bear Creek near Youngstown, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	76	87	93	113	140	140	176	224	51	270	1,050	90
2	88	85	86	105	137	1,208	153	174	51	316	1,300	88
3	519	83	85	104	134	1,180	130	142	51	350	624	96
4	1,730	81	408	106	122	648	116	122	52	290	574	104
5	1,420	78	711	97	112	370	107	109	65	216	492	102
6	742	76	506	93	115	266	100	100	68	173	452	84
7	421	74	355	88	141	207	92	92	64	155	612	75
8	292	73	262	84	145	173	87	86	59	207	718	69
9	224	72	210	82	143	150	84	82	58	297	542	66
10	183	70	177	88	130	135	80	79	58	276	469	64
11	155	68	155	97	114	126	76	76	95	240	372	62
12	134	68	166	90	161	120	74	73	261	357	350	60
13	122	68	232	84	445	116	70	70	342	445	326	59
14	715	68	228	82	630	116	67	67	271	308	289	58
15	2,660	67	182	80	542	110	66	66	1,880	235	239	57
16	1,420	66	147	80	383	104	65	64	1,625	344	196	56
17	739	66	132	80	289	99	65	63	1,160	342	230	61
18	430	65	124	77	288	108	63	62	1,030	239	263	62
19	306	66	114	75	266	131	77	61	555	180	298	60
20	230	125	108	74	211	195	562	60	359	285	273	57
21	184	136	108	72	171	199	627	59	283	304	226	55
22	160	107	106	71	147	158	341	58	216	247	180	54
23	141	86	110	103	132	124	224	57	182	214	144	53
24	128	96	108	472	137	115	180	57	167	158	122	73
25	118	174	106	506	176	108	167	57	168	129	108	88
26	112	169	118	377	165	108	382	58	162	117	98	66
27	108	134	258	284	138	191	669	57	219	129	98	67
28	102	110	219	219	124	264	780	55	278	157	94	180
29	98	114	173	180	-----	416	498	54	207	126	122	282
30	94	106	140	173	-----	277	314	55	204	137	128	544
31	90	-----	124	159	-----	186	-----	53	-----	140	102	-----
TOTAL	13,943	2,738	6,051	4,395	5,838	7,848	6,492	2,492	10,241	7,383	11,091	2,887
MEAN	450	91.3	195	142	209	253	216	80.4	341	238	358	96.2
MAX	2,660	174	711	506	630	1,208	780	224	1,880	445	1,300	544
MIN	76	65	85	71	112	99	63	53	51	117	94	53
CFSM	6.69	1.36	2.90	2.11	3.10	3.77	3.22	1.20	5.08	3.54	5.32	1.43
IN	7.72	1.52	3.35	2.43	3.23	4.34	3.59	1.38	5.67	4.09	6.14	1.60

CAL YR 1964: TOTAL 94,262 MEAN 258 MAX 2,660 MIN 50 CFSM 3.83 IN 52.17
WAT YR 1965: TOTAL 81,399 MEAN 223 MAX 2,660 MIN 51 CFSM 3.32 IN 45.05

Note --Shifting-control method used Oct 19 to Dec 4, Aug 13 to Sept 30

DISCHARGE, IN CUBIC FEET PER SECOND, OCTOBER TO NOVEMBER 1965

DAY	OCT	NOV	DAY	OCT	NOV	DAY	OCT	NOV	DAY	OCT	NOV	DAY	OCT	NOV
1	725	61	6	394	57	11	227	56	16	102	65	21	82	55
2	596	59	7	1,280	56	12	175	58	17	94	61	22	85	102
3	388	58	8	920	56	13	143	86	18	87	58	23	77	126
4	259	58	9	481	55	14	124	92	19	84	56	24	72	100
5	186	57	10	312	55	15	112	72	20	82	56	25	69	80
TOTAL														
MEAN														
MAX														
MIN														
CFSM														
IN														

Note --Shifting-control method used Oct 10 to Nov 30

2-3605 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 downstream side of Highway bridge, 4 miles upstream from West Fork Choctawhatchee River, and 4 miles north of Midland City

Drainage area --297 sq mi

Records available --May 1952 to September 1963 Occasional low-flow measurements, water year 1964

Gage --Water-stage recorder prior to Oct 1, 1963 Datum of gage is 179.1 ft above mean sea level (levels by Alabama State Highway Department)

Average discharge --11 years (1952-63), 326 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,800 cfs), water years 1961-63											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Mar 31, 1961	2300	1,950	10.87	Apr 2, 1962	1500	4,030	16.26	June 29, 1963	0315	2,770	12.72
Apr 15, 1961	2300	* 4,150	16.55	June 29, 1962	1900	2,020	10.22	Aug 15, 1963	0400	2,020	10.24
Jan 6, 1962	1200	3,800	16.13	Jan 22, 1963	2330	2,320	11.23	Sept 29, 1963	0100	* 3,140	13.95
Feb 21, 1962	1900	2,420	11.58	Feb 12, 1963	0100	2,980	13.43				

Annual minimum discharge, water years 1961-63							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 7, 8, 1960	78		1963	Sept 27, 1963	54	-
1962	Aug 14, 1962	71	2.72				

1952-63 Maximum discharge, 15,700 cfs May 4, 1953 (gage height, 23.82 ft), minimum, 26 cfs Sept 6-9, Oct 3, 1954

Remarks --Records fair except those for period of no gage-height record, which are poor Low-flow discharge measurement, water year 1964, Nov 18, 1963, 124 cfs

Revisions (water years) --WSP 1384 Drainage area WSP 1704 1953-54, 1956-57, 1959

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	227	92	145	356	322	882	1,620	500	266	297	145	738
2	232	91	132	286	286	1,120	1,200	518	223	260	123	605
3	206	87	130	246	299	988	1,490	429	200	244	153	882
4	154	83	129	234	322	915	1,290	376	182	200	138	997
5	130	82	126	215	297	860	862	383	169	212	139	780
6	129	82	126	193	318	708	682	352	157	204	268	722
7	186	78	126	179	603	600	658	352	148	189	418	537
8	198	79	124	198	588	544	576	282	138	219	482	413
9	172	82	123	202	516	509	537	415	134	658	495	470
10	167	86	122	186	466	466	600	622	132	431	436	491
11	153	90	195	181	470	431	636	495	126	409	361	343
12	134	92	230	177	416	411	1,360	459	126	579	251	332
13	123	94	177	243	332	411	1,720	442	120	396	189	427
14	114	95	159	627	297	438	1,850	350	118	605	236	498
15	106	95	191	541	278	385	2,630	303	140	680	282	523
16	102	94	242	470	266	350	2,740	280	176	738	312	365
17	98	94	210	400	254	394	1,690	258	167	569	332	288
18	95	95	184	405	292	670	1,460	236	157	429	264	252
19	92	98	182	369	690	586	1,090	221	156	314	186	217
20	95	98	170	350	627	539	850	198	393	262	157	204
21	94	99	256	282	576	588	708	182	832	378	143	195
22	92	98	272	250	598	636	617	174	534	257	129	184
23	91	114	212	256	1,060	530	562	169	387	252	124	174
24	91	138	197	248	1,150	433	916	210	544	292	208	164
25	87	130	197	301	1,430	385	482	309	548	236	356	151
26	84	134	181	479	1,480	330	447	558	498	179	479	143
27	83	145	172	530	1,020	316	528	603	581	169	482	135
28	82	143	165	456	830	407	648	710	571	195	488	128
29	81	149	161	442	-----	424	495	688	407	232	463	123
30	81	156	198	431	-----	449	468	555	339	246	398	116
31	83	-----	236	396	-----	1,430	-----	405	-----	188	553	-----
TOTAL	3,862	3,093	5,470	10,109	16,083	18,135	31,012	12,034	8,669	10,519	9,190	11,597
MEAN	124	103	176	326	514	585	1,034	388	289	339	296	387
MAX	232	156	272	627	1,480	1,430	2,740	710	832	738	553	997
MIN	81	78	122	177	254	316	447	169	118	169	123	116
CFSM	.42	.35	.59	1.10	1.93	1.97	3.48	1.31	.97	1.14	1.00	1.30
IN.	.48	.39	.68	1.27	2.01	2.27	3.88	1.51	1.09	1.32	1.15	1.45
CAL YR 1960: TOTAL	119,833			MEAN 327		MAX 4,200	MIN 75	CFSM 1.10	IN 15.01			
MAY YR 1961: TOTAL	139,773			MEAN 383		MAX 2,740	MIN 78	CFSM 1.29	IN 17.50			

2-3605 East Fork Choctawhatchee River near Midland City, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	112	89	137	449	595	795	2,070	493	98	142	98	97
2	108	90	135	411	488	954	3,710	486	187	119	97	88
3	106	92	135	361	431	1,040	2,700	424	156	108	95	98
4	110	96	135	337	403	1,170	1,460	292	148	107	103	103
5	108	100	135	383	394	1,100	999	248	150	271	120	89
6	105	100	170	2,800	396	909	885	227	130	338	142	83
7	102	110	189	2,020	371	755	1,010	217	115	180	140	89
8	102	120	164	1,590	360	668	993	202	140	147	111	122
9	101	130	149	1,400	340	612	1,140	189	126	123	189	119
10	99	120	218	1,120	338	575	996	176	164	103	116	106
11	98	120	651	843	320	565	780	166	166	92	91	97
12	95	110	708	677	311	580	770	159	191	89	82	80
13	94	120	994	580	309	550	825	148	161	93	74	91
14	94	130	885	530	305	592	789	140	175	87	74	116
15	87	130	900	525	294	700	846	133	221	115	89	202
16	84	140	892	505	410	622	718	126	173	155	145	150
17	86	160	792	471	440	525	580	122	134	121	241	142
18	86	140	643	455	428	488	505	123	119	145	250	148
19	86	130	591	455	1,760	476	459	117	115	108	140	130
20	84	130	546	443	1,600	440	424	116	110	93	110	116
21	82	120	493	422	2,210	426	389	110	107	91	99	99
22	83	130	491	1,970	1,340	408	344	106	104	93	106	83
23	86	170	438	422	1,290	467	335	101	112	91	93	80
24	86	210	365	408	1,020	462	316	97	132	86	131	74
25	87	200	314	387	1,000	486	300	92	181	90	290	81
26	86	190	284	373	1,040	562	288	89	294	153	457	180
27	84	170	290	536	939	555	285	86	145	151	950	120
28	84	160	354	804	912	495	335	83	207	119	298	106
29	84	153	328	722	-----	462	698	80	1,070	227	178	101
30	86	141	286	690	-----	410	570	78	226	130	138	93
31	88	-----	293	668	-----	913	-----	77	-----	111	112	-----
TOTAL	2,883	4,001	13,125	22,194	20,674	19,712	26,339	5,303	5,617	4,168	4,959	3,292
MEAN	93.0	133	423	716	738	636	835	171	187	134	160	110
MAX	112	210	994	2,800	2,210	1,120	3,710	493	1,070	338	550	202
MIN	82	89	135	337	294	408	285	77	88	86	74	74
CFSM	-.31	-.45	1.43	2.41	2.49	2.14	2.98	-.68	-.63	-.45	-.54	-.37
IN.	-.36	-.50	1.64	2.78	2.59	2.47	3.12	-.66	-.70	-.52	-.62	-.41

CAL YR 1961: TOTAL 147,357

MEAN 404

MAX 2,740

MIN 82

CFSM 1.36

IN 18.45

WAT YR 1962: TOTAL 132,467

MEAN 363

MAX 3,710

MIN 74

CFSM 1.22

IN 18.59

Note --No gage-height record Oct 28 to Nov 28

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	92	84	378	330	438	481	243	331	138	778	133	76
2	153	84	260	298	450	459	229	217	115	622	134	83
3	226	84	231	256	550	424	223	164	95	392	122	73
4	459	84	209	223	512	410	215	148	87	313	108	68
5	204	84	189	207	443	410	204	132	80	380	98	67
6	150	83	180	237	398	491	304	119	79	281	91	65
7	130	83	166	246	378	462	735	112	77	235	88	64
8	115	98	180	219	338	447	495	106	73	209	117	66
9	201	215	202	204	309	462	819	101	73	213	92	59
10	155	180	183	196	298	479	873	95	74	209	87	58
11	119	147	173	239	1,390	412	670	90	76	189	84	56
12	107	153	168	708	2,530	373	469	87	72	176	150	56
13	102	156	159	955	2,370	364	353	93	69	155	292	55
14	97	133	156	469	1,750	424	292	145	66	139	436	63
15	93	120	153	457	1,180	565	256	119	63	150	1,290	103
16	91	117	182	510	837	590	213	102	60	147	424	76
17	89	116	200	479	675	505	213	90	110	136	241	70
18	89	123	190	398	585	415	198	83	359	139	217	69
19	89	133	180	452	885	373	187	95	735	159	180	68
20	86	132	170	1,550	783	355	178	161	700	161	147	68
21	87	163	170	1,450	718	353	168	122	708	163	147	65
22	119	227	180	1,870	680	342	159	111	552	281	133	65
23	107	198	190	2,010	642	371	150	111	620	199	130	64
24	95	178	200	1,310	652	331	144	136	1,030	139	138	61
25	89	187	250	876	602	296	134	132	876	306	113	57
26	87	185	350	685	550	305	130	124	650	385	99	54
27	84	156	300	638	518	403	126	108	462	262	91	71
28	84	145	290	540	512	376	127	107	923	191	89	1,750
29	84	206	350	476	-----	324	148	145	2,130	180	87	2,510
30	84	590	450	455	-----	290	244	175	1,040	233	84	1,820
31	86	-----	360	455	-----	260	-----	150	-----	161	80	-----
TOTAL	3,853	4,644	6,999	18,998	21,973	12,552	9,119	4,011	12,192	7,683	5,722	7,376
MEAN	124	155	226	613	785	405	304	129	406	248	185	246
MAX	459	590	450	2,010	2,530	590	873	331	2,130	778	1,290	2,510
MIN	84	83	153	196	298	260	126	83	60	136	80	54
CFSM	-.42	-.52	-.76	2.06	2.64	1.36	1.02	-.44	1.37	-.83	-.62	-.83
IN.	-.48	-.58	-.88	2.38	2.75	1.57	1.14	-.50	1.53	-.96	-.72	-.92

CAL YR 1962: TOTAL 127,954

MEAN 351

MAX 3,710

MIN 74

CFSM 1.48

IN 18.02

WAT YR 1963: TOTAL 115,122

MEAN 315

MAX 2,530

MIN 54

CFSM 1.48

IN 18.02

CHOCTAWHATCHEE RIVER BASIN

2-3610 Choctawhatchee River near Newton, Ala

Location --Lat 31°21', long 85°37', in SE 1/4 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

Records available --June 1906 to August 1908, October 1911 to August 1912 (gage heights only), November 1921 to September 1927, May 1935 to September 1965 Monthly discharge only for period January to April 1925, published in WSP 1304 Gage-height records collected near same site since 1931 are contained in reports of U S Weather Bureau

Gage --Digital water-stage recorder Datum of gage is 138 56 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 Prior to Aug 15, 1906, staff gage at site 1 mile upstream at different datum Aug 16, 1906, to Aug 22, 1908, and Oct 20, 1911, to Aug 3, 1912, chain gage at site 800 ft upstream at different datum Nov 29, 1921, to Sept 30, 1927, water-stage recorder at site 800 ft upstream at datum 154 83 ft above mean sea level (levels by Ludlow Engineers) May 10, 1935, to Sept 8, 1938, wire-weight gage, and Sept 9, 1938, to May 5, 1960, graphic recorder at present site and datum

Average discharge --35 years (1922-27, 1935-65), 965 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (5,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Mar 31, 1961	1500	6,200	14 07	Jan 20, 1963	2300	5,930	13 57	Mar 4, 1964	0615	* 10,600	21 43
Apr 12, 1961	1900	6,880	15 30	Feb 12, 1963	0030	* 8,350	17 86	Apr 15, 1964	1730	6,180	14 25
Apr 16, 1961	0130	* 7,640	16 68	Sept 28, 1963	2300	6,200	14 06	May 2, 1964	1815	5,920	13 82
Jan 6, 1962	1700	6,760	15 08	Jan 10, 1964	1330	7,100	15 79	Aug 12, 1964	2400	7,630	16 66
Feb 19, 1962	1515	7,060	15 61	Feb 18, 1964	1845	5,690	13 43	Dec 26, 1964	1700	* 8,060	17 39
Apr 2, 1962	0030	* 8,350	17 84								

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 8, 1960	194	2 36	1964	Oct 30, 31, 1963	193	2 35
1962	Aug 14, 1962	133	2 03	1965	Sept 15, 16, 1965	189	2 33
1963	June 17, 1963	71	1 67				

1906-08, 1911-12, 1921-27, 1935-65 Maximum discharge, 25,800 cfs Jan 20, 1936, maximum gage height, 29 6 ft May 4, 1953, minimum daily discharge, 61 cfs Sept 8, 1964, from rating curve extended below 120 cfs

Maximum stage known, 42 ft Mar 15, 1929, from information furnished by State Highway Department

Remarks --Records good Prior to January 1941, moderate diurnal fluctuation at low flow caused by gage below station Records of chemical analyses and water temperatures for the water years 1964-65 are published in reports of the Geological Survey

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.
1	729	226	383	670	620	2,200	5,330	1,060	503	584	300
2	569	229	337	644	572	3,310	5,280	1,220	432	500	271
3	440	227	311	560	591	2,580	3,980	1,100	393	453	312
4	352	212	300	497	665	2,100	2,900	1,020	363	395	308
5	205	295	439	670	1,880	2,140	885	342	409	519	1,050
6	324	202	292	402	675	1,590	1,770	785	320	550	853
7	421	197	293	382	1,320	1,400	1,860	761	300	443	979
8	495	196	296	410	1,250	1,320	1,710	680	285	490	931
9	486	200	293	437	1,090	1,260	1,640	925	274	1,230	1,120
10	429	214	292	426	937	1,140	2,130	1,360	266	1,130	1,060
11	360	224	404	401	845	1,060	1,810	1,040	258	967	642
12	320	236	473	379	776	980	4,750	950	270	1,400	475
13	295	240	455	479	665	1,000	6,260	892	261	1,340	394
14	277	238	400	1,160	620	1,040	5,240	763	265	1,940	506
15	264	234	423	1,190	582	920	5,720	659	284	1,500	597
16	256	231	515	1,030	568	855	7,050	596	343	1,380	769
17	250	234	514	855	559	1,030	4,840	542	332	1,050	659
18	244	234	459	601	601	1,640	3,590	493	317	780	490
19	236	242	413	640	1,750	1,640	2,720	452	319	630	385
20	236	249	375	635	1,880	1,500	2,120	419	936	651	343
21	240	251	490	601	1,850	1,520	1,770	393	1,800	777	321
22	240	249	531	550	1,770	1,540	1,550	374	1,180	557	291
23	240	271	522	516	3,030	1,260	1,400	382	1,100	499	354
24	236	321	463	492	3,540	1,030	1,290	512	1,320	488	538
25	224	413	415	586	3,340	905	1,180	728	1,610	443	823
26	214	389	385	1,000	3,150	820	1,100	1,120	1,320	372	1,170
27	211	367	369	1,170	2,300	810	1,270	1,310	1,220	425	1,060
28	207	340	340	1,040	1,840	1,020	1,680	1,320	1,430	450	869
29	204	346	355	942	-----	1,030	1,480	1,290	1,010	408	817
30	204	382	414	835	-----	1,120	1,230	919	711	401	717
31	209	-----	481	735	-----	4,640	-----	686	-----	362	1,140
TOTAL	9,122	7,799	12,308	38,056	45,340	86,790	25,636	19,964	23,004	20,613	19,411
MEAN	314	260	397	672	1,359	1,495	827	665	742	656	654
MAX	729	413	531	1,190	3,540	4,640	7,050	1,360	1,940	1,170	1,440
MIN	204	196	292	379	559	810	1,100	374	258	362	271
CFSM	.46	.38	.58	.98	1.99	2.19	4.24	1.21	.97	1.09	.95
IN	.53	.42	.67	1.13	2.07	2.52	4.73	1.40	1.09	1.25	1.09
CAL YR 1960: TOTAL 303,139				MEAN 828	MAX 13,200	MIN 150	CFSM 1.21	IN 16.51			
WAT YR 1961: TOTAL 330,076				MEAN 904	MAX 7,050	MIN 196	CFSM 1.32	IN 17.97			

CHOCTAWHATCHEE RIVER BASIN

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2-3610 Choctawhatchee River near Newton, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	240	199	306	845	1,070	1,650	8,050	1,320	192	296	215	176
2	233	203	305	809	927	2,620	7,870	1,090	337	249	204	161
3	231	207	306	704	942	2,730	5,910	868	409	221	195	184
4	232	215	307	636	788	2,560	3,170	687	354	223	225	202
5	230	222	308	804	780	2,250	2,310	596	334	700	252	173
6	228	230	361	6,090	794	1,820	2,360	550	334	781	261	161
7	222	251	368	4,530	746	1,530	2,990	519	302	527	240	194
8	219	268	350	3,140	704	1,350	2,560	481	284	371	203	266
9	217	288	330	2,540	691	1,250	2,600	453	369	305	260	232
10	216	282	578	2,020	699	1,190	2,250	424	387	255	224	213
11	213	269	1,590	1,560	654	1,180	1,820	407	395	219	176	191
12	207	264	1,690	1,290	631	1,560	2,590	384	469	200	154	178
13	203	266	2,610	1,100	623	1,480	2,560	364	452	208	140	182
14	199	283	2,360	1,010	617	1,360	2,050	345	437	195	178	215
15	189	295	2,190	1,010	601	1,440	1,970	376	463	286	245	369
16	184	315	2,060	1,000	855	1,290	1,640	313	376	491	300	442
17	183	341	1,710	943	902	1,110	1,360	317	307	524	325	432
18	183	321	1,520	885	854	1,030	1,230	303	274	339	345	365
19	186	304	1,370	851	5,790	965	1,130	293	261	260	251	335
20	182	293	1,160	870	5,090	914	1,050	283	242	225	201	281
21	178	283	972	862	4,450	908	970	288	249	207	175	243
22	179	277	870	829	3,860	891	906	254	257	202	184	205
23	185	368	793	805	2,890	1,030	849	241	280	192	169	188
24	193	471	697	785	2,550	1,010	800	232	299	177	213	179
25	195	457	622	754	2,560	1,110	764	223	344	166	557	191
26	197	413	577	731	2,520	1,360	734	213	639	274	595	317
27	190	385	578	1,570	2,040	1,230	726	205	328	295	644	325
28	189	353	687	2,150	1,800	1,080	859	196	333	257	428	285
29	189	329	648	1,640	-----	958	1,860	188	1,760	315	294	262
30	191	315	591	1,370	-----	858	1,530	183	471	278	241	236
31	196	-----	575	1,230	-----	3,910	-----	179	-----	235	204	-----
TOTAL	6,279	8,967	29,389	45,363	47,338	45,624	67,658	12,695	11,948	9,473	8,298	7,383
MEAN	203	299	948	1,463	1,691	1,472	2,254	410	386	306	268	246
MAX	240	471	2,610	6,090	5,790	3,910	8,050	1,320	1,760	781	644	442
MIN	178	199	305	636	601	858	726	179	192	166	140	161
CFSM	.30	.44	1.39	2.14	2.48	2.15	3.30	.60	.98	.45	.39	.76
IN.	.34	.49	1.60	2.47	2.58	2.48	3.68	.69	.65	.52	.45	.40

CAL YR 1961- TOTAL 344,882 MEAN 945 MAX 7,050 MIN 178 CFSM 1.38 IN 18.78
WAT YR 1962 TOTAL 300,415 MEAN 823 MAX 8,050 MIN 140 CFSM 1.21 IN 16.36

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	233	187	767	703	1,190	1,140	599	617	267	1,740	318	175
2	325	185	582	619	1,130	1,130	582	521	226	1,260	406	175
3	406	184	483	547	1,260	1,060	564	478	188	866	300	161
4	710	188	431	496	1,170	997	548	355	161	746	254	147
5	461	188	402	473	1,040	987	522	312	147	721	224	138
6	359	180	394	528	941	1,330	714	298	140	605	201	133
7	294	182	369	558	867	1,370	2,240	277	136	537	205	123
8	266	213	398	519	803	1,260	2,040	258	125	504	263	117
9	391	386	444	478	755	1,160	1,780	245	129	607	214	111
10	356	427	426	461	719	1,080	1,570	229	149	508	185	107
11	298	403	395	514	4,300	987	1,240	215	129	449	179	104
12	258	385	371	1,740	7,280	909	954	208	119	395	265	107
13	238	347	342	1,570	4,890	895	783	232	105	339	608	105
14	225	310	337	1,340	3,510	1,190	673	314	93	295	844	140
15	217	290	344	1,220	2,470	1,810	597	289	83	302	3,080	224
16	210	275	401	989	1,880	1,460	544	244	75	308	998	193
17	202	265	463	865	1,560	1,210	508	210	151	309	640	170
18	197	282	447	818	1,400	1,040	478	191	562	425	556	161
19	191	305	416	994	2,430	941	451	200	1,820	407	447	156
20	184	309	392	5,440	2,320	927	442	316	1,760	416	375	144
21	186	401	379	5,730	1,960	1,020	411	257	1,250	416	381	133
22	244	570	408	5,520	1,690	932	395	247	978	681	437	131
23	226	580	432	4,560	1,470	854	372	379	1,330	483	378	121
24	214	506	423	2,800	1,590	781	358	360	1,770	358	390	102
25	200	453	627	2,000	1,570	724	340	352	1,420	649	309	89
26	185	401	769	1,640	1,430	812	327	297	1,120	805	261	88
27	179	352	745	1,530	1,280	1,090	314	255	742	611	234	147
28	180	328	657	1,320	1,180	932	309	234	1,270	446	223	2,590
29	180	435	927	1,170	-----	780	337	291	4,370	371	211	4,870
30	186	1,010	1,020	1,110	-----	690	427	329	2,700	416	198	3,170
31	188	-----	836	1,140	-----	630	-----	297	-----	360	186	-----
TOTAL	8,189	10,525	15,827	49,392	54,085	32,128	21,419	9,257	23,515	17,335	13,770	14,332
MEAN	264	351	511	1,593	1,932	1,036	714	299	784	559	444	478
MAX	710	1,010	1,020	5,730	7,280	1,810	2,240	617	4,370	1,740	3,080	4,870
MIN	179	180	337	461	719	630	309	191	75	295	179	88
CFSM	.39	.51	.75	2.33	2.83	1.52	1.05	.44	1.15	.82	.65	.70
IN.	.45	.57	.86	2.69	2.94	1.75	1.17	.50	1.28	.94	.75	.78

CAL YR 1962: TOTAL 200,321 MEAN 705 MAX 9,080 MIN 149 CFSM 1.08 IN 12.81
WAT YR 1963 TOTAL 269,774 MEAN 739 MAX 7,280 MIN 79 CFSM 1.08 IN 12.81

2-3610 Choctawhatchee River near Newton, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,070	209	1,280	2,590	1,450	2,110	988	2,220	436	554	1,420	632
2	1,560	278	1,080	2,090	1,360	3,270	951	4,210	561	530	1,100	561
3	1,100	275	982	1,690	1,260	9,760	923	5,120	563	658	861	536
4	755	269	826	1,520	1,170	9,990	932	4,060	494	613	746	507
5	587	278	650	1,430	1,290	7,460	914	3,610	430	813	788	483
6	503	377	567	1,560	1,720	5,390	923	2,490	692	978	2,180	466
7	450	352	531	2,780	1,540	4,030	1,550	1,880	1,140	575	1,570	443
8	409	315	535	3,120	1,920	3,250	2,390	1,570	1,969	463	1,620	420
9	377	298	575	6,320	1,740	2,660	2,620	1,370	805	375	1,920	394
10	349	298	551	6,940	1,480	2,530	2,270	1,230	601	335	2,100	372
11	318	328	531	5,280	1,300	2,320	1,750	1,120	463	344	2,560	937
12	298	318	587	4,140	1,170	2,090	1,390	1,100	416	1,480	6,580	1,980
13	285	288	1,100	2,950	1,090	1,940	1,360	2,000	397	3,600	6,800	1,960
14	272	265	1,970	2,220	1,210	1,820	3,870	1,670	350	2,830	3,810	1,610
15	256	256	1,700	1,870	1,420	1,870	5,900	1,410	320	2,280	2,150	1,240
16	244	256	1,400	1,690	1,910	1,880	4,920	1,180	294	1,550	1,600	942
17	235	262	1,220	2,380	1,510	1,670	3,500	1,020	300	1,440	1,440	706
18	226	269	1,070	2,360	4,440	1,540	2,410	870	283	978	1,580	586
19	218	272	918	2,160	5,000	1,510	1,920	763	269	1,190	1,410	546
20	215	272	781	2,720	4,110	2,290	1,650	706	252	1,450	1,360	528
21	212	275	702	2,690	3,380	1,990	1,440	662	239	1,270	1,270	514
22	207	275	658	2,270	2,430	1,720	1,260	624	543	1,630	2,460	487
23	201	499	741	1,960	1,940	1,570	1,140	586	746	1,620	3,090	466
24	212	755	759	1,780	1,690	1,470	1,060	561	536	1,270	2,110	439
25	221	579	711	2,860	2,110	1,410	1,010	594	960	1,490	1,590	407
26	238	469	663	3,160	2,190	1,590	1,190	662	892	1,310	1,230	378
27	235	424	629	2,820	2,490	1,470	2,490	635	718	1,180	978	369
28	229	671	600	2,500	3,020	1,330	4,280	546	698	2,970	818	367
29	218	2,370	571	2,060	2,510	1,220	3,740	403	748	2,680	771	372
30	198	1,680	547	1,720	-----	1,120	3,060	439	698	1,870	722	369
31	198	-----	1,360	1,540	-----	1,020	-----	436	-----	1,670	682	-----
TOTAL	13,090	13,732	26,795	83,190	59,850	85,310	63,801	45,817	16,832	41,665	59,316	20,040
MEAN	422	458	866	2,686	2,066	2,752	2,027	1,478	561	1,346	1,913	668
MAX	2,070	2,370	1,970	6,940	9,990	9,990	5,900	5,120	1,170	3,600	6,800	1,980
MIN	198	209	531	1,430	1,090	1,020	914	436	239	335	682	369
CFSM	.62	.67	1.27	3.93	3.02	4.03	3.11	2.16	.82	1.97	2.80	.98
IN.	.71	.75	1.46	4.53	3.26	4.65	3.47	2.49	.92	2.27	3.23	1.09

CAL YR 1963: TOTAL 288,850 MEAN 791 MAX 7,280 MIN 75 CFSM 1.16 IN 15.73
 WAT YR 1964: TOTAL 529,438 MEAN 1,447 MAX 9,990 MIN 198 CFSM 2.12 IN 28.83

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	601	624	952	1,880	1,100	1,350	2,230	1,000	344	367	361	364
2	984	612	782	1,700	1,330	2,430	2,010	828	305	361	465	442
3	609	609	800	1,380	2,590	2,590	1,850	734	284	398	499	540
4	2,540	609	2,160	1,510	1,270	2,890	1,720	681	271	388	440	540
5	3,790	601	3,500	1,390	1,170	2,610	1,620	643	280	469	473	510
6	4,390	597	2,590	1,300	1,440	2,310	1,510	612	374	1,040	529	384
7	4,000	586	2,220	1,640	2,150	2,020	1,420	582	444	582	544	325
8	2,550	582	1,760	1,190	2,130	1,700	1,340	552	932	582	654	287
9	1,740	574	1,370	2,000	2,000	1,500	1,250	529	1,340	719	868	256
10	1,350	571	1,160	1,140	1,790	1,440	1,180	499	936	726	1,270	238
11	1,130	567	1,060	1,110	1,480	1,420	1,130	473	996	734	1,320	226
12	996	571	1,350	1,100	1,390	1,550	1,080	451	1,210	784	1,100	218
13	972	582	1,570	1,060	1,980	2,070	1,020	426	1,430	780	1,030	209
14	1,030	628	1,410	1,030	2,520	2,070	960	402	1,620	601	874	203
15	1,500	650	1,250	1,070	2,450	1,990	908	381	1,570	514	658	195
16	1,790	654	1,160	1,150	2,330	1,750	872	364	1,330	495	510	250
17	1,640	650	1,060	1,050	3,740	1,510	832	357	1,370	506	444	469
18	1,430	624	992	972	4,640	2,990	800	348	1,660	426	402	315
19	1,260	601	964	928	4,190	4,410	940	338	1,280	374	540	290
20	1,050	772	932	896	3,370	4,730	2,690	325	1,160	325	700	268
21	908	780	936	876	2,570	3,780	1,880	318	784	296	451	247
22	836	723	964	868	2,130	2,610	1,330	328	601	357	502	226
23	796	719	980	1,000	1,880	2,240	1,130	391	521	325	440	215
24	757	928	980	1,960	1,750	2,030	972	381	476	348	371	312
25	734	1,570	3,810	1,740	1,770	1,870	1,040	351	447	391	328	357
26	711	1,470	7,740	1,560	1,610	2,280	1,430	348	433	395	296	287
27	696	1,270	6,890	1,440	1,480	3,340	1,490	348	548	348	280	259
28	685	1,170	5,630	1,250	1,400	3,770	1,760	426	499	334	287	271
29	669	1,230	1,060	1,060	-----	3,110	1,340	423	423	325	351	309
30	650	1,100	2,500	1,120	-----	2,550	1,140	484	381	367	447	677
31	643	-----	2,110	1,320	-----	2,420	-----	402	-----	364	384	-----
TOTAL	43,820	23,224	65,292	38,730	58,500	75,330	40,874	14,804	24,249	15,021	17,768	9,687
MEAN	1,414	756	2,106	1,249	1,844	2,430	1,302	480	788	484	554	303
MAX	4,390	1,570	7,740	1,960	4,640	4,730	2,690	1,000	1,660	1,020	1,320	677
MIN	601	567	800	868	1,100	1,350	800	318	271	296	280	195
CFSM	2.07	1.13	3.08	1.83	3.06	3.56	1.99	.70	1.18	.71	.84	.47
IN.	2.39	1.26	3.56	2.11	3.19	4.10	2.23	.81	1.32	.82	.97	.53

CAL YR 1964: TOTAL 608,157 MEAN 1,662 MAX 9,990 MIN 239 CFSM 2.43 IN 33.11
 WAT YR 1965: TOTAL 427,299 MEAN 1,171 MAX 7,740 MIN 195 CFSM 1.71 IN 23.27

2-3630 Pea River near Arton, Ala

Location --Lat 31°35', long 85°47', in SW 1/4 sec 7, T 7 N, R 23 E, on left bank at downstream side of abandoned bridge, and about 20 ft upstream from bridge on U S Highway 231, 2 1/2 miles downstream from Bryors Mill Creek, 2 8 miles downstream from Atlantic Coast Line Railroad bridge, and 3 5 miles west of Arton

Drainage area --492 sq mi

Records available --October 1938 to September 1965

Gage --Digital water-stage recorder Datum of gage is 246 72 ft above mean sea level, datum of 1929, Supplementary adjustment of 1943 Prior to Nov 21, 1938, wire-weight gage, Nov 22, 1938, to May 6, 1960, graphic water-stage recorder at same site and datum

Average discharge --27 years, 641 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (cfs) and peak discharges above base (4,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	2000	7,050	15 77	Jan 22, 1963	0615	* 4,480	13 00	Oct 8, 1964	2130	* 10,600	17 98
Apr 2, 1961	1700	* 7,840	16 33					Dec 27, 1964	1700	9,550	17 42
Apr 14, 1961	0600	6,380	15 25	Mar 5, 1964	1645	* 7,110	15 84	Feb 20, 1965	0230	5,510	14 18
				Apr 17, 1964	0845	4,180	12 47				
Feb 21, 1962	1000	4,350	12 79	Apr 29, 1964	2400	5,430	14 31				
Apr 3, 1962	0830	* 5,000	13 75	May 5, 1964	0545	5,040	13 82				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 8, 9, 1960	51	2 02	1964	Oct 31, 1963	27	1 83
1962	Sept 6, 7, 1962	16	1 73	1965	Sept 17, 1965	33	-
1963	Sept 25, 26, 27, 1963	12	-				

1938-65 Maximum discharge, 22,000 cfs Apr 4, 1960 (gage height, 20 42 ft), minimum, 9 2 cfs Sept 12, 13, 14, 30, Oct 5, 6, 1954

Maximum stage known, about 25 ft in March 1929, from information by local residents

Remarks --Records good Records of chemical analyses for water years 1964-65 are published in reports of the Geological Survey

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	321	52	178	393	466	2,640	5,020	618	218	476	1,330
2	248	54	163	495	385	2,120	7,210	888	179	334	1,020
3	187	56	140	502	394	1,810	5,520	831	148	236	788
4	155	60	129	434	569	1,570	2,910	810	126	203	799
5	126	60	125	380	676	1,410	1,790	837	111	189	250
6	131	56	126	310	670	1,290	1,410	890	101	189	241
7	161	54	123	248	869	1,100	1,330	707	88	171	380
8	202	53	122	233	961	987	1,230	494	77	292	492
9	190	53	124	242	922	899	1,410	454	72	685	553
10	214	55	121	244	778	807	1,620	495	64	480	367
11	211	59	137	231	670	739	1,660	489	63	382	282
12	158	62	166	212	572	687	2,900	480	79	1,240	227
13	129	65	194	241	462	661	5,110	474	65	1,620	192
14	107	67	192	489	396	641	6,080	458	79	1,390	256
15	94	67	193	672	362	597	4,600	425	77	960	401
16	87	67	259	704	341	559	3,700	394	82	886	506
17	89	65	315	629	326	558	2,900	324	82	1,190	382
18	103	69	298	545	455	971	2,280	264	84	1,050	215
19	85	76	254	458	1,570	1,170	2,190	226	85	674	157
20	81	81	224	404	3,370	1,160	1,560	201	215	490	127
21	81	82	292	390	5,920	1,110	1,150	178	635	427	123
22	81	81	283	363	6,330	1,040	879	160	924	337	135
23	77	104	284	325	6,540	927	717	147	786	269	110
24	71	174	250	307	5,510	729	624	292	814	216	292
25	67	248	223	341	5,330	588	561	453	1,430	187	526
26	63	259	207	597	4,940	504	507	855	946	184	560
27	60	222	196	734	5,560	464	680	933	960	202	569
28	58	187	192	709	4,090	518	1,120	733	889	328	483
29	52	184	183	661	-----	527	835	561	653	242	497
30	52	184	193	606	-----	582	648	448	539	194	680
31	52	-----	247	553	-----	2,590	-----	308	-----	166	1,250
TOTAL	3,793	2,956	6,133	13,652	59,434	31,955	70,151	15,827	10,671	15,889	10,776
MEAN	122	98.5	198	440	2,123	1,031	2,338	511	356	513	348
MAX	321	259	315	734	6,540	2,640	7,210	933	1,430	1,620	1,330
MIN	52	52	121	212	326	464	507	147	63	166	106
CFSM	.25	.20	.40	.90	4.31	2.10	4.75	1.04	.72	1.04	.71
IN.	.29	.22	.46	1.03	6.49	2.42	5.30	1.20	.81	1.20	.81

CAL YR 1960: TOTAL 265,204
WAT YR 1961: TOTAL 253,965

MEAN 725
696

MAX 18,400
7,210

MIN 36
52

CFSM 1.47
IN 19.25

2-3630 Pea River near Arifton, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	89	52	127	367	835	1,520	3,510	1,440	59	53	43	26
2	84	53	124	391	753	1,710	4,020	1,200	162	48	39	23
3	79	55	122	393	576	2,090	4,670	951	260	42	33	21
4	77	56	122	381	486	2,420	3,010	806	239	41	30	19
5	77	60	122	390	455	2,360	1,830	398	191	50	31	18
6	75	67	126	1,010	444	1,820	1,480	332	160	68	30	16
7	72	94	151	1,270	428	1,380	2,100	291	150	90	30	17
8	72	156	208	1,280	406	1,080	2,940	260	122	183	26	22
9	69	142	201	1,240	394	897	2,670	234	97	154	24	23
10	67	118	327	1,430	386	793	2,070	212	91	119	22	24
11	64	111	592	1,260	379	1,090	1,580	195	91	87	22	23
12	62	98	1,010	886	367	1,200	1,660	178	277	69	22	22
13	60	92	1,580	640	359	1,120	1,640	160	313	58	24	22
14	59	93	1,940	536	357	1,650	1,900	146	253	54	44	42
15	55	130	2,070	513	347	2,010	2,870	134	252	173	84	236
16	52	133	1,930	554	363	1,480	2,140	125	200	293	194	154
17	52	154	1,780	525	378	1,150	1,780	115	267	202	104	104
18	51	156	1,500	548	407	965	1,030	108	122	112	63	101
19	49	139	1,250	580	1,540	921	787	103	108	77	54	86
20	48	125	1,070	644	3,020	836	655	97	166	61	44	64
21	47	114	916	630	4,210	711	567	91	177	54	35	53
22	48	109	620	620	3,470	502	502	133	133	69	30	45
23	48	144	627	641	2,590	655	457	75	118	38	29	37
24	50	250	499	653	2,270	656	423	68	113	43	132	34
25	51	267	437	586	2,170	695	398	62	98	45	106	41
26	51	236	406	524	2,130	778	381	58	85	42	62	48
27	50	216	393	548	1,920	697	399	53	76	48	58	49
28	50	182	387	740	1,720	643	501	50	69	41	48	260
29	49	157	370	795	-----	605	1,220	47	63	37	39	239
30	50	140	354	780	-----	567	1,450	47	55	41	34	186
31	52	-----	346	790	-----	1,730	-----	47	-----	45	30	-----
TOTAL	1,857	3,899	21,869	22,175	33,160	36,848	50,268	7,966	4,467	2,514	1,558	2,055
MEAN	59.9	130	705	715	1,184	1,189	1,576	257	149	81.1	50.3	68.5
MAX	89	267	2,070	1,430	4,210	2,420	4,670	1,440	313	293	194	260
MIN	46	52	122	367	347	567	381	47	55	37	22	16
CFSM	-12	-26	1.43	1.45	2.41	2.42	3.41	.52	.30	.16	.10	.14
IN.	-14	-29	1.65	1.68	2.51	2.79	3.80	.60	.34	.19	.12	.16

CAL YR 1961: TOTAL 268,708 MEAN 736 MAX 7,210 MIN 46 CFSM 1.50 IN 20.31
 MAY YR 1962: TOTAL 188,636 MEAN 517 MAX 4,670 MIN 16 CFSM 1.05 IN 14.26

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	117	46	190	447	874	641	294	289	42	458	172	44
2	84	46	170	367	867	578	280	284	39	356	111	39
3	202	145	305	300	883	531	232	232	38	235	63	35
4	210	46	128	256	911	501	249	196	39	158	71	32
5	140	46	119	232	867	486	237	142	29	120	58	30
6	113	44	118	228	735	825	266	111	26	95	48	28
7	89	44	115	242	928	656	224	58	24	111	42	26
8	77	46	117	257	589	940	589	84	22	91	54	23
9	128	65	136	249	495	898	648	75	23	70	57	21
10	262	113	153	227	447	889	659	71	22	66	53	20
11	205	140	145	382	701	876	647	63	21	125	54	18
12	124	142	133	1,230	1,380	688	537	58	20	116	130	16
13	93	137	115	1,260	1,640	560	374	56	18	92	302	18
14	79	123	105	1,260	1,570	677	301	50	16	72	496	16
15	70	108	103	1,290	1,320	589	261	54	15	70	321	27
16	63	93	113	994	1,220	519	234	46	14	70	333	27
17	60	84	136	724	1,020	488	211	44	24	77	265	23
18	57	78	147	600	728	460	192	41	38	67	201	21
19	56	73	146	702	1,070	443	177	38	163	104	130	20
20	53	91	134	2,170	1,090	522	164	36	289	142	120	18
21	52	142	126	3,630	1,070	487	149	36	289	129	177	20
22	55	252	129	4,330	981	495	139	36	394	94	347	18
23	56	316	137	3,580	908	476	132	69	534	65	632	15
24	54	292	158	2,750	925	429	122	118	529	56	330	15
25	52	245	362	1,960	865	384	113	82	596	72	177	13
26	54	193	549	1,450	786	381	107	63	487	88	171	12
27	52	151	630	1,110	719	357	101	50	366	83	93	24
28	49	129	499	849	672	337	93	54	321	83	73	235
29	47	126	507	686	-----	334	89	54	471	72	62	716
30	47	168	551	667	-----	334	106	46	415	70	56	864
31	46	-----	528	767	-----	320	-----	42	-----	143	49	-----
TOTAL	2,846	3,622	6,844	35,196	25,980	17,373	8,389	2,719	5,318	3,648	5,218	2,429
MEAN	91.8	121	221	1,135	928	560	280	87.9	177	118	168	81.0
MAX	262	316	630	4,330	1,640	940	659	289	596	458	632	864
MIN	46	41	103	327	447	320	89	36	14	56	42	12
CFSM	-19	-25	-45	2.31	1.89	1.14	-57	.18	.36	.24	.34	.16
IN.	-22	-27	-52	2.66	1.96	1.31	.63	.21	.40	.28	.39	.18

CAL YR 1962: TOTAL 174,323 MEAN 478 MAX 4,670 MIN 16 CFSM .97 IN 13.18
 MAY YR 1963: TOTAL 119,582 MEAN 328 MAX 4,530 MIN 12 CFSM .87 IN 9.04

2-3630 Pea River near Arlton, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	568	32	739	708	795	1,180	572	2,510	132	368	902	187
2	383	36	260	824	696	1,790	512	2,261	121	719	841	168
3	260	38	401	860	648	3,120	488	2,830	113	725	916	146
4	174	39	305	768	600	3,920	480	3,950	103	754	707	135
5	123	51	240	724	583	6,620	468	4,610	96	668	552	121
6	96	59	207	804	646	5,760	957	2,900	211	576	1,070	113
7	78	60	180	1,020	652	3,750	1,580	1,750	312	440	719	113
8	66	59	174	1,280	801	2,680	1,380	1,220	218	372	452	98
9	57	57	193	2,300	790	2,060	1,360	866	187	344	492	96
10	50	60	198	2,820	772	1,690	1,160	656	158	226	769	86
11	47	63	193	3,550	713	1,410	1,070	552	132	276	2,460	260
12	43	62	185	3,350	640	1,180	1,200	500	108	400	2,120	916
13	41	57	288	2,430	596	1,030	1,270	801	93	640	2,180	1,010
14	40	52	800	1,650	676	923	2,090	1,180	86	744	1,650	1,160
15	37	51	1,110	1,200	729	937	2,410	961	73	1,110	1,200	1,210
16	35	49	1,320	926	824	937	3,040	769	67	1,520	852	1,030
17	34	49	1,290	959	865	947	3,940	686	233	1,250	624	767
18	33	50	1,070	1,040	1,990	920	2,700	552	129	909	927	424
19	32	50	980	1,170	2,190	944	1,700	400	75	744	630	280
20	31	52	772	1,510	2,360	1,220	1,200	332	60	698	484	741
21	30	54	484	1,570	2,820	1,150	877	288	69	630	412	215
22	30	55	382	1,540	2,390	1,020	692	256	126	713	476	197
23	29	81	350	1,230	1,590	898	621	233	91	740	870	184
24	28	130	354	991	1,160	801	630	218	174	1,020	913	168
25	29	164	347	1,610	1,130	751	664	233	296	866	902	152
26	31	158	340	1,580	1,100	762	627	272	296	716	934	140
27	31	198	330	1,430	1,140	731	1,360	241	312	710	737	129
28	32	346	306	1,320	1,240	707	1,860	197	304	747	472	124
29	31	553	296	1,160	1,200	680	3,830	162	484	1,170	316	121
30	30	717	272	1,060	664	664	4,460	163	332	1,210	241	155
31	28	-----	360	912	-----	637	-----	138	-----	1,560	204	-----
TOTAL	2,557	3,482	15,026	44,276	32,336	51,819	45,198	32,666	5,191	24,265	27,024	10,941
MEAN	82.5	116	485	1,428	1,115	1,672	1,507	1,054	173	783	872	335
MAX	568	717	1,320	3,550	2,820	6,620	4,660	4,610	312	1,010	2,460	1,210
MIN	28	32	174	708	583	637	468	138	60	226	204	86
CFSM	.17	.24	.99	2.90	2.27	3.40	3.06	2.14	.35	1.59	1.77	.68
IN.	.19	.26	1.14	3.35	2.44	3.92	3.42	2.47	.39	1.83	2.04	.76

CAL YR 1963: TOTAL 127,335

MEAN 369

MAX 4,330

MIN 12

CFSM .71

IN 9.63

WAT YR 1964: TOTAL 293,881

MEAN 803

MAX 8,620

MIN 28

CFSM 1.63

IN 22.21

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	376	288	838	1,550	703	992	1,510	248	91	79	277	204
2	252	280	646	1,270	903	1,260	1,440	224	73	76	316	158
3	260	275	560	1,090	1,310	1,010	1,170	202	466	73	103	149
4	1,380	272	712	941	971	1,370	976	181	88	112	302	136
5	3,970	269	689	831	888	1,400	891	164	139	285	275	139
6	8,760	263	668	763	1,120	1,460	857	150	153	194	278	117
7	8,350	260	703	1,590	1,380	1,380	1,590	180	161	153	199	95
8	4,180	258	604	669	1,680	1,250	703	128	161	250	244	86
9	2,390	255	548	635	1,950	1,060	663	120	134	297	466	78
10	1,540	252	492	652	2,320	881	610	115	187	559	433	69
11	1,070	252	458	665	1,850	794	551	103	220	676	779	62
12	728	252	521	644	1,490	867	521	97	329	580	1,040	55
13	552	292	577	605	1,440	1,370	488	90	428	394	1,010	49
14	519	432	618	580	1,570	1,640	448	84	963	243	551	44
15	655	531	594	559	1,730	1,810	416	78	817	193	332	40
16	816	469	551	546	2,140	2,000	404	75	655	268	238	36
17	922	410	499	520	2,360	1,620	372	71	1,340	241	189	35
18	956	365	468	503	2,980	2,820	350	67	1,020	316	158	48
19	902	335	454	491	4,330	3,330	334	64	712	305	136	81
20	816	414	454	482	4,790	3,080	405	62	525	238	130	76
21	653	475	538	474	3,120	2,920	430	62	386	161	278	60
22	475	516	650	465	2,070	2,040	429	63	245	280	225	51
23	405	501	647	559	1,600	1,530	399	83	178	275	176	42
24	370	597	611	1,100	1,350	1,250	369	115	147	155	154	41
25	350	1,070	1,080	1,400	1,210	1,080	341	96	133	138	125	50
26	333	1,220	2,950	1,760	1,120	1,100	343	85	125	167	104	51
27	323	1,280	8,750	2,470	1,050	1,350	335	79	115	215	87	50
28	316	1,260	7,110	1,900	997	1,740	387	76	107	179	128	46
29	309	1,240	4,140	1,320	-----	1,680	336	89	146	146	362	74
30	302	1,120	2,680	992	-----	1,910	281	97	89	207	374	144
31	297	-----	1,980	856	-----	1,450	-----	125	-----	256	285	-----
TOTAL	43,527	15,703	42,736	27,995	50,332	49,344	17,539	3,432	9,885	7,711	9,954	2,334
MEAN	1,404	523	1,379	903	1,798	1,592	565	111	330	249	321	77.8
MAX	8,760	1,280	8,750	2,470	4,790	4,790	5,110	248	1,340	676	1,040	204
MIN	252	252	454	465	703	794	281	62	66	73	87	35
CFSM	2.85	1.06	2.80	1.84	3.65	3.24	1.19	.62	.67	.51	.65	.16
IN.	3.29	1.19	3.23	2.12	3.80	3.73	1.33	.26	.75	.58	.75	.18

CAL YR 1964: TOTAL 374,782

MEAN 1,024

MAX 8,760

MIN 60

CFSM 2.08

IN 28.33

WAT YR 1965: TOTAL 280,492

MEAN 768

MAX 8,760

MIN 35

CFSM 1.56

IN 21.20

CHOCTAWHATCHEE RIVER BASIN

2-3645 Pea River near Samson, Ala

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, 1.8 miles downstream from Louisville & Nashville Railroad bridge, 3 miles west of Samson, and 6.5 miles upstream from Flat Creek

Drainage area --1,187 sq mi

Records available --August 1904 to August 1913, June 1922 to October 1925, May 1935 to September 1965
Published as "at Pera" 1904-13, 1922-25 Monthly discharge only for period August to September 1923, published in WSP 1304

Gage --Digital water-stage recorder Datum of gage is 97.95 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 (levels by Corps of Engineers) August 1904 to August 1913 chain gage and June 1922 to October 1925, water-stage recorder at site 1.5 miles upstream at different datum May 9, 1935, to July 24, 1937, wire-weight gage, and July 25, 1937, to Sept 30, 1960, graphic recorder at present site and datum

Average discharge --41 years (1904-12, 1922-25, 1935-65), 1,739 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (7,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 25, 1961	0700	12,200	27.13	Jan 22, 1963	0400	* 9,170	22.82	May 3, 1964	1500	9,260	22.94
Apr 2, 1961	1350	10,100	24.20	Sept 30, 1963	-	-	-	Oct 9, 1964	1700	9,630	23.47
Apr 15, 1961	1800	* 12,400	27.35	Jan 10, 1964	1030	9,170	22.81	Dec 30, 1964	1000	* 9,750	23.64
Sept 1, 1961	1200	10,200	25.09	Mar 5, 1964	-	* 10,700	25.0	Feb 19, 1965	1015	8,200	21.33
Feb 19, 1962	1015	* 7,540	21.23	Apr 15, 1964	2400	8,560	21.94	Mar 20, 1965	1145	8,340	21.57
Apr 2, 1962	0845	* 11,300	26.85	Apr 28, 1964	1415	8,730	22.18				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 8, 1960	178	2.32	1964	Oct 31, 1963	190	2.65
1962	Sept 3, 1962	114	1.67	1965	Sept 14, 1965	168	2.56
1963	Sept 27, 1963	a 110	-				

a Minimum daily

1904-13, 1922-25, 1935-65 Maximum discharge, 30,000 cfs Jan 20, 1925 (gage height, 42.0 ft, from floodmarks, site and datum then in use), from rating curve extended above 14,000 cfs on basis of rating curve at present site, minimum observed, 41 cfs Oct 26, 1935, minimum daily, 63 cfs Oct 26, 1935

Remarks --Records good except those for periods of doubtful or no gage-height record, which are poor
Diurnal fluctuation and some regulation at low flow caused by powerplant 2.5 miles above station
Records of chemical analyses for the water years 1964-65 are published in reports of the Geological Survey

Revisions (water years) --WSP 1384 Drainage area WSP 1624 1912(M), 1913, 1925

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	1,020	301	605	1,200	1,270	8,080	8,850	1,980	813	1,130	472
2	775	313	558	1,280	1,160	8,020	10,100	2,400	672	1,040	443
3	626	286	489	1,310	1,130	6,240	9,730	2,570	619	888	523
4	536	282	475	1,210	1,260	4,380	9,250	2,270	542	734	565
5	438	296	444	978	1,400	3,500	8,540	1,890	530	688	654
6	466	262	437	879	1,510	3,060	5,940	1,740	491	727	1,030
7	681	301	449	783	2,130	2,800	4,430	1,720	462	803	1,080
8	809	266	437	795	2,380	2,620	3,730	1,580	436	832	1,650
9	738	267	446	810	2,140	2,560	3,270	1,520	415	1,060	1,580
10	627	274	410	745	1,880	2,260	4,880	1,680	404	1,950	1,450
11	529	334	595	697	1,610	2,060	4,770	1,540	396	1,500	952
12	502	336	753	672	1,430	1,940	7,360	1,400	396	1,570	711
13	477	319	641	662	1,290	1,890	10,200	1,320	460	2,590	609
14	420	306	588	1,100	1,160	2,040	9,830	1,240	481	2,920	1,060
15	403	338	609	1,600	1,060	2,050	11,200	1,150	507	2,300	842
16	385	317	869	1,990	983	1,800	11,800	1,040	666	1,670	1,070
17	336	326	890	1,490	939	1,700	10,800	988	585	1,450	899
18	331	331	845	1,280	1,060	3,720	8,690	889	542	1,570	814
19	335	347	740	1,170	2,980	6,230	6,140	807	545	1,640	660
20	354	383	657	1,170	5,320	5,160	4,570	745	1,290	1,280	521
21	337	365	891	1,090	5,960	3,770	3,610	695	4,630	1,410	443
22	294	361	1,160	952	6,710	3,540	2,900	632	4,250	1,080	487
23	320	413	909	924	9,720	2,780	2,500	626	2,890	885	833
24	333	566	787	849	11,700	2,350	2,230	832	2,550	761	559
25	307	640	706	1,090	12,100	2,030	2,060	1,140	1,930	653	1,580
26	310	663	627	1,760	11,200	1,810	1,920	1,810	2,430	559	2,730
27	316	656	625	2,530	9,790	1,670	1,990	1,900	2,480	519	1,990
28	257	579	590	2,060	8,510	2,300	3,100	1,690	2,180	587	1,480
29	280	610	579	1,780	-----	2,720	3,210	1,400	1,800	825	1,110
30	269	821	648	1,560	-----	2,890	2,620	1,130	1,340	791	948
31	290	-----	756	1,390	-----	4,930	-----	958	-----	589	5,760
TOTAL	14,101	11,864	20,215	37,406	109,782	102,400	180,220	43,282	37,732	37,001	35,505
MEAN	456	395	652	1,207	3,421	3,303	6,007	1,368	1,194	1,145	1,045
MAX	1,020	821	1,160	2,530	12,100	8,080	11,800	2,570	4,630	2,920	5,760
MIN	257	262	410	632	939	1,670	1,920	676	396	519	443
CFSM	.38	.33	.55	1.02	3.30	2.78	5.06	1.18	1.06	1.01	.96
IN.	.44	.27	.63	1.17	3.44	3.21	5.65	1.36	1.18	1.16	1.11
CAL YR 1960: TOTAL	706,257			MEAN 1,930	MAX 27,600	MIN 228	CFSM 1.63	IN 22.13			
WAT YR 1961: TOTAL	687,764			MEAN 1,884	MAX 12,100	MIN 257	CFSM 1.59	IN 21.55			

CHOCTAWHATCHEE RIVER BASIN

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2-3645 Pea River near Samson, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	475	314	573	1,430	1,660	3,390	10,000	3,570	361	515	499	191
2	451	316	556	1,440	1,640	4,250	11,100	2,770	357	376	308	164
3	451	309	535	1,330	1,580	4,940	9,520	2,260	743	330	291	160
4	453	363	557	1,270	1,420	4,650	7,570	1,910	793	259	252	182
5	459	405	545	1,230	1,300	4,270	6,410	1,560	758	288	236	224
6	419	415	585	2,420	1,300	3,950	4,900	1,270	621	323	236	203
7	425	453	619	3,510	1,300	3,330	5,210	1,050	582	367	216	215
8	417	479	609	3,380	1,190	2,780	5,360	972	488	459	202	345
9	385	481	616	2,770	1,160	2,410	5,420	906	488	578	280	416
10	403	467	963	2,440	1,190	2,210	4,860	820	507	497	232	375
11	375	445	3,980	2,480	1,120	2,460	4,050	775	509	440	211	302
12	379	429	3,050	2,310	1,060	3,720	3,540	736	802	382	183	213
13	355	439	6,050	1,900	1,010	2,920	4,160	627	964	335	199	732
14	351	437	6,030	1,560	1,010	2,500	3,650	642	896	486	184	227
15	347	617	5,180	1,540	1,010	2,890	3,420	615	759	679	975	245
16	331	842	5,690	1,640	1,240	3,460	3,710	599	694	642	748	477
17	320	864	4,900	1,570	1,380	2,850	3,620	579	713	623	590	672
18	325	721	4,240	1,480	1,320	2,370	2,760	545	598	682	498	607
19	325	633	3,660	1,440	6,700	2,090	2,310	542	628	518	368	479
20	314	569	2,940	1,630	6,810	1,980	2,010	515	621	405	295	453
21	305	531	2,470	1,700	6,050	1,930	1,800	480	591	314	317	315
22	301	501	2,160	1,590	6,080	1,800	1,620	447	631	296	287	264
23	307	698	1,980	1,550	6,400	1,830	1,520	438	533	254	283	246
24	305	1,150	1,760	1,530	5,860	1,900	1,440	402	630	249	291	194
25	314	998	1,550	1,530	5,670	1,840	1,380	395	704	271	411	709
26	316	888	1,420	1,460	4,750	2,720	1,320	354	542	299	523	198
27	296	747	1,360	1,650	4,100	2,270	1,310	330	484	381	419	340
28	297	703	1,400	2,540	3,540	1,900	1,540	335	499	370	297	347
29	307	621	1,330	2,260	-----	1,680	4,300	339	741	507	276	365
30	296	635	1,230	1,970	-----	1,570	4,570	316	599	583	277	535
31	312	-----	1,210	1,760	-----	4,150	-----	367	-----	473	201	-----
TOTAL	11,116	17,470	69,748	58,310	78,850	87,010	124,380	27,466	18,746	13,471	10,585	9,395
MEAN	359	582	2,250	1,881	2,816	2,807	4,146	886	625	435	341	313
MAX	475	1,150	6,050	3,510	6,810	4,940	11,100	3,570	964	713	975	672
MIN	296	309	535	1,230	1,010	1,570	1,310	316	357	249	191	160
CFSM	30	49	190	158	277	236	349	75	53	37	29	26
IN.	.35	.55	2.19	1.83	2.47	2.73	3.90	.86	.59	.42	.33	.29

CAL YR 1961: TOTAL 739,918

MEAN 2,027

MAX 12,100

MIN 296

CFSM 1.22

IN 13.18

WAT YR 1962: TOTAL 526,547

MEAN 1,443

MAX 11,100

MIN 160

CFSM 1.22

IN 13.18

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	520	212	1,050	1,470	2,220	1,790	994	450	314	1,410	455	297
2	656	214	801	1,230	2,230	1,840	952	600	299	1,050	612	299
3	481	211	622	1,030	2,240	1,700	824	843	263	874	455	280
4	996	200	564	904	2,230	1,580	860	569	193	661	403	278
5	1,240	212	434	829	2,060	1,540	807	522	181	598	299	249
6	736	211	485	849	1,980	2,230	829	426	221	522	308	220
7	398	211	445	982	1,800	3,070	2,560	440	190	342	245	205
8	394	207	494	979	1,670	2,530	3,270	372	212	522	453	195
9	413	234	815	644	1,580	2,310	2,070	527	202	453	1,420	190
10	502	280	567	784	1,460	2,010	1,720	247	196	430	1,160	195
11	689	308	540	848	2,540	1,940	1,550	278	166	330	741	195
12	547	330	531	3,190	5,580	1,920	1,470	283	184	285	904	176
13	450	370	525	4,300	5,180	1,820	1,340	338	207	280	895	173
14	354	388	449	3,680	4,300	1,720	1,070	302	164	283	910	171
15	283	396	417	2,910	3,360	2,910	976	330	147	318	4,440	392
16	274	398	453	2,440	2,730	2,320	757	297	162	549	4,370	297
17	385	378	522	1,990	2,480	1,780	818	278	218	600	1,690	249
18	205	588	1,760	2,230	2,230	1,620	731	293	354	485	1,040	209
19	229	350	600	2,070	3,750	1,470	641	280	1,570	648	762	230
20	218	356	500	6,650	4,380	1,430	598	304	1,620	405	622	148
21	171	364	485	8,730	3,310	1,640	560	291	1,900	378	666	154
22	322	904	522	9,080	2,720	1,480	562	299	1,680	610	731	193
23	282	916	569	8,260	2,310	1,340	593	396	1,430	407	779	184
24	209	835	551	7,130	2,330	1,290	535	489	2,130	713	994	148
25	190	723	1,890	5,840	2,680	1,220	460	509	1,640	4,990	779	130
26	218	574	2,560	4,220	2,380	1,200	400	443	1,470	2,910	540	120
27	221	576	1,990	3,180	2,100	1,700	350	261	1,410	1,650	447	110
28	216	455	1,710	2,560	1,870	1,390	320	344	1,290	913	413	1,000
29	212	409	1,700	2,160	-----	1,170	320	567	1,420	728	394	7,000
30	216	807	2,320	1,980	-----	1,090	380	666	2,190	617	396	8,000
31	207	-----	1,800	2,130	-----	973	-----	378	-----	481	310	-----
TOTAL	12,434	12,385	27,318	94,980	75,700	53,933	29,317	12,622	24,033	25,442	28,633	21,687
MEAN	401	413	881	3,064	2,704	1,740	977	407	801	821	924	723
MAX	1,240	916	2,560	9,080	5,580	3,070	3,270	843	2,430	4,990	4,440	8,000
MIN	171	200	417	784	1,460	973	320	247	147	280	245	110
CFSM	34	35	74	2.58	2.28	1.47	4.82	34	67	49	78	61
IN.	.39	.39	.86	2.98	2.37	1.69	.92	.40	.75	.80	.90	.68

CAL YR 1962: TOTAL 480,350

MEAN 1,316

MAX 11,100

MIN 160

CFSM 1.11

IN 15.05

WAT YR 1963: TOTAL 418,484

MEAN 1,147

MAX 9,080

MIN 110

CFSM .97

IN 13.11

Note --Doubtful gage-height record Oct 19 to Nov 21, Sept 25-30

2-3645 Pea River near Samson, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	4,000	270	2,210	2,940	2,620	2,970	1,710	6,220	625	1,210	3,280
2	2,500	344	1,760	2,630	2,390	3,260	1,600	7,840	611	1,350	3,580
3	1,500	382	1,360	2,180	2,080	5,000	1,540	9,090	636	1,750	2,210
4	1,000	354	1,070	1,930	1,910	8,000	1,510	8,340	484	1,870	1,860
5	800	335	866	1,830	1,850	10,000	1,470	7,270	458	2,620	1,670
6	700	401	787	2,020	2,130	10,000	1,450	6,730	510	2,090	2,730
7	600	418	639	4,110	2,050	8,000	3,660	6,270	837	1,380	4,200
8	550	389	661	7,140	2,450	7,000	4,630	4,160	874	983	3,890
9	500	363	754	4,190	2,400	6,000	4,200	2,850	661	784	3,240
10	450	364	741	9,020	2,100	5,000	3,300	2,310	641	689	2,530
11	430	356	684	7,800	1,920	4,190	2,630	2,010	585	689	3,720
12	400	380	739	1,780	1,780	5,460	2,250	1,830	611	2,190	6,250
13	380	350	1,360	6,210	1,680	3,030	2,470	2,660	466	2,940	5,530
14	360	327	3,310	5,220	1,820	2,790	4,540	2,940	455	2,940	4,560
15	350	323	3,840	3,630	2,040	2,750	7,900	3,090	354	2,770	3,320
16	340	317	3,360	2,830	2,240	2,990	8,190	2,390	348	2,330	2,530
17	330	316	2,940	2,800	2,150	2,770	6,740	1,900	414	2,390	2,820
18	323	313	2,480	3,390	4,500	2,610	5,910	1,670	422	2,690	3,190
19	315	320	2,100	2,970	5,300	2,550	5,430	1,470	458	3,410	3,180
20	307	323	1,860	4,080	5,200	4,530	3,710	1,240	350	2,330	2,420
21	294	326	1,640	4,520	4,800	4,140	2,740	1,110	304	2,640	1,880
22	295	321	1,330	3,610	4,330	3,250	2,180	1,000	1,130	3,620	1,990
23	287	711	1,160	3,240	4,140	2,760	2,230	974	998	2,690	2,730
24	276	1,410	1,100	2,830	3,160	2,450	2,070	879	598	2,560	3,050
25	310	829	1,080	3,920	3,150	2,320	1,840	1,000	471	3,550	3,220
26	299	736	1,000	4,900	3,930	2,790	1,830	1,030	908	3,010	2,530
27	306	646	940	4,510	3,480	2,670	5,500	905	1,320	2,150	2,070
28	305	810	949	3,630	4,060	2,250	8,470	843	1,390	2,940	1,680
29	302	874	3,020	3,060	3,500	2,060	728	1,090	4,700	1,290	717
30	279	2,680	826	2,720	-----	1,880	6,060	681	1,060	3,810	1,030
31	253	-----	1,040	2,540	-----	1,780	-----	630	-----	3,600	888
TOTAL	19,313	16,434	45,460	122,530	85,160	125,250	115,180	92,010	20,069	74,675	82,038
MEAN	623	614	1,466	3,985	2,937	3,985	3,839	2,966	666	2,400	2,590
MAX	4,000	3,020	3,840	9,020	5,300	10,000	8,470	9,090	1,390	4,700	6,250
MIN	253	270	1,030	1,680	1,680	1,780	1,450	630	304	689	888
CFSM	.52	.52	1.24	3.36	2.47	3.40	3.23	2.50	.56	2.03	2.42
IN.	.61	.58	1.42	3.87	2.67	3.92	3.61	2.88	.63	2.34	2.79

CAL YR 1963: TOTAL 449,554

MEAN 1,437

MAX 9,080

MIN 119

CFSM 1.04

IN 16.00

MAY YR 1964: TOTAL 849,368

MEAN 2,748

MAX 10,000

MIN 236

CFSM 1.67

IN 22.61

Note --No gage-height record Mar 3-10

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	1,220	992	2,270	5,050	2,080	2,500	3,460	849	383	344	612
2	1,490	953	1,880	3,330	2,560	3,300	3,270	777	276	369	959
3	2,080	900	1,590	2,910	2,940	4,040	3,020	735	290	329	734
4	4,070	931	1,900	2,700	2,490	2,060	2,760	695	281	797	644
5	7,730	953	2,960	2,830	2,210	3,710	2,500	645	459	676	599
6	8,420	908	2,210	2,170	2,500	3,220	2,300	589	464	774	877
7	8,230	897	1,820	2,060	5,020	3,030	2,170	572	449	920	1,040
8	8,620	891	1,640	1,880	4,980	2,850	8,470	551	445	950	2,150
9	9,500	871	1,530	1,900	4,200	2,640	1,900	507	500	1,420	3,200
10	8,170	868	1,430	1,870	3,920	2,490	1,800	487	439	929	2,880
11	4,400	854	1,350	1,960	3,920	2,430	1,710	488	467	1,040	2,720
12	2,560	809	1,880	1,900	3,640	2,340	1,590	457	701	1,320	2,940
13	2,040	908	2,070	1,780	4,150	3,130	1,500	400	1,350	1,360	2,330
14	1,940	1,190	1,820	1,700	4,370	3,500	1,400	389	1,190	1,250	1,960
15	2,490	1,310	1,610	1,690	4,530	3,600	1,300	353	1,620	1,030	1,330
16	3,010	1,430	1,470	1,880	4,000	3,520	1,210	336	1,730	1,090	986
17	2,680	1,260	1,390	1,670	5,020	3,380	1,140	334	1,790	920	851
18	2,390	1,080	1,350	1,520	7,340	4,200	1,080	311	2,430	993	734
19	2,180	1,060	1,380	1,450	8,120	7,430	1,050	328	1,990	681	669
20	2,000	1,160	1,290	1,420	7,630	8,240	2,180	296	1,360	651	604
21	1,830	1,520	1,300	1,410	7,360	7,350	1,890	295	1,030	574	757
22	1,640	1,370	1,420	1,380	7,170	6,020	1,470	280	815	617	863
23	1,440	1,480	1,610	1,610	5,220	4,640	1,320	332	626	494	785
24	1,280	2,550	1,600	3,580	3,650	3,510	1,220	365	573	490	640
25	1,190	3,940	1,300	3,600	3,280	2,990	1,130	405	450	624	594
26	1,150	4,080	6,070	3,300	3,000	2,980	1,250	354	405	521	553
27	1,110	3,340	7,710	3,410	2,790	4,090	1,210	321	476	903	412
28	1,110	2,850	8,750	3,900	2,610	5,130	1,360	284	526	780	633
29	1,080	2,770	9,260	3,320	-----	5,650	1,110	480	507	764	1,200
30	1,060	2,600	9,620	2,560	-----	4,480	988	396	420	849	956
31	1,010	-----	8,060	2,390	-----	3,640	-----	378	-----	606	947
TOTAL	99,148	46,685	93,820	73,760	120,700	123,890	52,298	13,989	24,442	24,465	37,139
MEAN	3,198	1,556	3,026	2,379	4,311	3,996	1,743	451	815	789	1,198
MAX	9,500	4,080	9,620	5,050	8,120	8,240	3,460	849	2,430	1,420	3,200
MIN	1,010	809	1,290	1,380	2,080	2,340	988	280	276	329	412
CFSM	2.69	1.31	2.55	2.00	3.63	3.37	1.47	.38	.69	.46	1.01
IN.	3.11	1.46	2.94	2.31	3.78	3.88	1.64	.44	.77	.77	1.16

CAL YR 1964: TOTAL 1,005,806

MEAN 2,748

MAX 10,000

MIN 304

CFSM 2.32

IN 31.51

MAY YR 1965: TOTAL 723,795

MEAN 1,983

MAX 9,620

MIN 236

CFSM 1.67

IN 22.68

2-3655 Choctawhatchee River at Caryville, Fla

Location --Lat 30°46'32", long 85°49'40", in NW¹ sec 10, T 4 N, R 16 W, 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

Records available --August 1929 to September 1965 Gage-height records collected at same site since 1928 are contained in reports of U S Weather Bureau

Gage --Wire-weight gage read twice daily Datum of gage is 39.02 ft above mean sea level, datum of 1929 Prior to Oct 12, 1929, staff gage and Oct 12, 1929, to Sept 11, 1951, water-stage recorder at same site and datum

Average discharge --36 years, 5,403 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following Table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Apr 18, 1961	42,000	14 38	Nov 8, 1960	1,280	1 25
1962	Apr 3, 1962	35,500	13 85	Sept 4, 1962	1,030	80
1963	Jan 24, 1963	28,000	13 00	June 16, 1963	940	40
1964	May 4, 1964	33,200	13 52	Nov 1, 1963	1,480	1 76
1965	Dec 27, 1964	37,100	13 91	Sept 16, 1965	1,490	1 77

1929-65 Maximum discharge, 60,100 cfs Apr 7, 1960 (gage height, 16.03 ft), minimum, 752 cfs Sept 4, 1957, minimum gage height, -0.82 ft Sept 6, 1954

Maximum stage known, 27.1 ft Mar 17, 1929, from U S Weather Bureau records and floodmarks (discharge, 208,000 cfs, from rating curve extended above 58,000 cfs on basis of slope-area determination of peak flow)

Remarks --Records good except those for period of doubtful or no gage-height record, which are fair Some diurnal fluctuation caused by grist mills and powerplant above station during low flow Records of chemical analyses and water temperatures for the water year 1965 are published in reports of the Geological Survey

Revisions (water years) --WSP 1384 Drainage area WSP 1504 1931

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,150	1,390	2,280	2,930	4,670	21,100	9,270	8,050	3,810	6,300	2,870	11,500
2	3,630	1,450	2,260	3,410	4,190	19,200	11,200	7,620	3,250	4,970	2,510	16,700
3	3,260	1,460	2,200	3,730	3,880	18,400	15,300	7,180	2,900	3,840	2,230	18,800
4	2,640	1,430	2,050	3,550	3,580	18,500	19,300	7,080	2,560	4,140	2,160	18,700
5	2,130	1,390	1,800	3,300	3,840	18,000	20,000	6,840	2,390	4,020	2,540	17,000
6	2,150	1,350	1,760	3,010	4,200	15,700	19,100	6,030	2,730	3,870	3,760	14,700
7	2,140	1,310	1,740	2,710	4,540	12,700	17,700	5,470	2,160	3,490	4,750	10,500
8	2,370	1,290	1,740	2,580	5,900	10,600	15,600	5,100	2,030	3,210	6,540	8,100
9	2,850	1,330	1,740	2,560	7,140	8,600	13,500	5,000	1,950	3,210	7,340	6,440
10	2,810	1,330	1,740	2,650	7,540	7,600	10,900	5,270	1,890	3,570	7,850	5,130
11	2,560	1,340	1,770	2,580	6,700	6,980	9,660	6,400	1,850	4,020	7,640	5,270
12	2,300	1,370	1,970	2,460	5,580	6,300	10,600	6,920	1,840	4,920	6,500	5,470
13	2,090	1,450	2,580	2,410	4,900	5,740	15,100	6,560	1,830	4,900	5,040	5,440
14	1,990	1,460	2,510	2,640	4,310	5,480	22,200	5,650	1,870	5,130	3,910	5,440
15	1,890	1,460	2,270	3,590	3,950	5,660	27,800	4,920	1,940	6,240	3,690	6,280
16	1,820	1,460	2,300	4,460	3,630	5,760	32,700	4,420	2,180	7,360	3,930	6,440
17	1,730	1,460	2,550	4,810	3,440	5,470	40,400	3,980	2,520	7,040	3,820	6,620
18	1,700	1,510	2,780	4,580	3,370	5,650	41,300	3,650	2,680	6,320	3,630	5,950
19	1,620	1,530	2,550	3,940	3,870	7,080	37,400	3,360	2,650	5,470	3,510	4,920
20	1,610	1,510	2,340	3,650	5,620	8,600	31,400	3,120	3,160	4,880	3,190	4,090
21	1,580	1,460	2,280	3,340	7,600	10,400	23,700	2,970	5,240	4,540	2,860	3,700
22	1,560	1,490	2,380	3,110	9,480	11,500	17,900	2,790	10,000	4,850	2,590	3,430
23	1,540	1,550	2,520	3,020	11,200	10,900	13,700	2,650	13,500	4,850	2,520	3,220
24	1,530	1,850	2,660	2,950	13,600	9,780	10,700	2,640	15,400	4,390	2,680	3,070
25	1,550	2,070	2,610	3,010	17,500	8,150	8,900	2,920	15,100	3,680	2,920	2,930
26	1,520	2,040	2,450	3,210	21,700	6,680	7,640	3,770	13,300	3,190	3,410	2,680
27	1,460	2,070	2,270	4,080	24,000	5,660	6,720	4,500	11,200	2,970	6,700	2,560
28	1,430	2,020	2,180	5,410	23,200	5,160	6,620	5,230	9,450	2,440	7,900	2,500
29	1,370	2,010	2,140	7,300	-----	5,990	7,040	5,350	8,150	3,470	7,600	2,420
30	1,370	2,160	2,180	7,780	-----	6,920	7,850	5,060	7,480	3,570	6,500	2,330
31	1,400	-----	2,360	5,440	-----	8,250	-----	4,490	-----	3,260	8,050	-----
TOTAL	63,750	47,000	68,960	114,200	223,230	302,100	531,150	154,990	156,910	138,560	140,640	211,230
MEAN	2,056	1,567	2,225	3,684	7,973	9,745	17,710	5,000	5,230	4,470	4,537	7,061
MAX	4,150	2,160	2,780	7,780	24,000	21,100	41,300	8,050	15,800	7,360	8,050	18,800
MIN	1,370	1,290	1,740	2,410	3,370	5,160	6,620	2,640	1,830	2,940	2,160	2,330
CFSM	.59	.45	.64	1.05	2.28	2.79	5.06	1.43	1.49	1.28	1.30	2.01
IN.	.68	.50	.73	1.21	2.37	3.21	5.65	1.65	1.67	1.47	1.49	2.25
CAL YR 1960	TOTAL 2,029,820			MEAN 5,546			MAX 59,800			MIN 1,290		
WAT YR 1961:	TOTAL 2,152,720			MEAN 5,898			MAX 41,300			MIN 1,290		
							CFSM 1.59			IN 21.57		
							CFSM 1.69			IN 22.88		

CHOCTAWHATCHEE RIVER BASIN

2-3655 Choctawhatchee River at Caryville, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,240	1,330	2,200	4,060	7,910	13,700	14,300	8,450	1,660	3,340	2,180	1,320
2	2,100	1,380	2,110	4,180	6,850	12,600	34,200	9,500	1,740	3,080	1,940	1,230
3	2,020	1,350	2,050	4,600	5,600	12,300	35,400	9,000	1,690	2,440	1,750	1,090
4	1,940	1,410	2,000	4,910	5,260	13,100	34,600	7,640	1,890	1,870	1,630	1,040
5	1,890	1,510	1,980	4,520	4,900	13,600	31,400	6,460	2,170	1,660	1,480	1,070
6	1,940	1,600	1,990	4,820	4,560	13,300	25,600	4,820	2,380	1,760	1,340	1,080
7	1,890	1,790	2,020	12,200	4,420	12,800	20,800	4,240	2,240	2,270	1,270	1,100
8	1,830	1,840	2,080	19,600	4,240	12,400	18,000	3,610	2,160	2,690	1,250	1,490
9	1,770	2,070	2,080	21,000	4,100	9,600	16,800	3,380	2,270	2,790	1,300	2,380
10	1,680	2,090	2,090	19,600	4,140	7,590	16,300	3,180	2,310	2,540	1,330	2,450
11	1,660	1,970	2,480	17,700	4,180	7,410	15,600	3,030	2,420	2,090	1,330	1,980
12	1,690	1,860	3,210	16,200	4,250	7,110	14,700	2,850	2,480	1,840	1,290	1,840
13	1,660	1,790	6,710	14,500	4,000	6,590	12,900	2,770	2,800	1,690	1,240	1,710
14	1,610	1,760	9,600	8,800	3,830	6,850	11,600	2,680	3,010	1,590	1,200	1,480
15	1,560	1,840	11,200	7,790	3,680	7,390	11,400	2,550	3,080	1,550	1,120	1,400
16	1,500	2,020	12,700	6,710	3,700	7,070	11,000	2,460	2,920	1,620	1,250	1,700
17	1,480	2,270	13,500	5,970	5,600	7,710	10,000	2,430	2,640	1,910	1,530	1,930
18	1,460	2,660	13,300	5,800	4,870	8,700	9,200	2,430	2,370	1,850	1,760	2,450
19	1,440	2,650	12,600	5,580	7,490	8,250	8,320	2,330	2,200	1,710	1,860	2,510
20	1,400	2,580	11,500	5,260	13,900	7,650	7,550	2,260	2,260	1,670	1,810	2,280
21	1,370	2,390	10,300	5,090	27,800	7,190	6,630	2,200	2,210	1,660	1,650	1,990
22	1,350	2,310	9,710	5,130	33,100	7,100	5,750	2,130	2,170	1,750	1,580	1,680
23	1,330	2,200	7,570	5,080	29,600	6,460	5,160	2,050	2,050	1,640	1,560	1,400
24	1,340	2,250	6,550	5,030	25,500	6,090	4,760	1,970	2,120	1,530	1,560	1,280
25	1,390	2,540	5,830	5,010	20,400	6,000	4,520	1,910	2,100	1,420	1,490	1,200
26	1,370	2,940	5,230	4,850	17,900	5,850	4,310	1,840	2,730	1,360	1,600	1,190
27	1,340	2,900	4,340	4,820	16,400	5,930	4,110	1,770	2,580	1,670	1,960	1,320
28	1,330	2,620	4,060	5,550	15,200	6,400	4,010	1,720	2,630	2,070	2,050	1,530
29	1,330	2,410	4,140	7,010	-----	6,320	4,590	1,680	2,460	2,180	2,010	1,620
30	1,330	2,290	4,300	8,250	-----	5,700	6,570	1,680	2,800	1,980	1,800	1,500
31	1,330	-----	4,220	8,400	-----	5,400	-----	1,670	-----	2,200	1,440	-----
TOTAL	49,570	62,490	182,690	258,020	295,380	263,770	410,080	106,740	69,950	61,270	48,560	48,730
MEAN	1,599	2,083	5,893	8,323	10,550	8,509	13,670	3,443	2,332	1,975	1,566	1,608
MAX	2,240	2,940	13,500	21,000	33,100	13,700	35,400	9,500	3,080	3,340	2,180	2,510
MIN	1,330	1,330	1,980	4,060	3,680	5,400	4,010	1,670	1,660	1,360	1,120	1,040
CFSM	.46	.60	1.68	2.38	3.01	2.43	3.91	.98	.67	.56	.45	.46
IN.	.53	.66	1.94	2.74	3.14	2.80	4.36	1.13	.74	.65	.52	.51

CAL YR 1961: TOTAL 2,267,760 MEAN 6,213 MAX 41,300 MIN 1,330 CFSM 1.78 IN 24.10
 MAY YR 1962: TOTAL 1,856,750 MEAN 5,087 MAX 35,400 MIN 1,040 CFSM 1.45 IN 19.73

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,540	1,210	3,140	5,680	6,440	7,360	3,160	2,100	1,820	6,170	4,730	1,670
2	1,960	1,200	3,730	5,340	6,010	6,130	3,270	2,300	1,730	7,380	3,840	1,560
3	3,200	1,210	4,020	4,370	5,900	5,710	3,410	2,500	1,500	6,880	3,330	1,490
4	3,400	1,200	3,750	3,710	6,220	5,900	3,060	2,600	1,400	5,000	3,020	1,420
5	3,060	1,180	3,540	3,380	6,420	5,500	2,940	2,700	1,300	3,790	2,620	1,370
6	3,360	1,170	3,300	3,130	6,180	5,380	2,860	2,400	1,200	3,270	2,320	1,320
7	3,000	1,190	2,800	3,040	5,900	5,600	2,800	2,100	1,120	2,850	2,170	1,240
8	2,320	1,200	2,600	3,400	5,560	5,950	3,300	1,840	1,100	2,600	2,050	1,190
9	2,410	1,280	2,110	3,330	4,970	6,680	5,820	1,750	1,070	2,590	2,540	1,160
10	1,930	1,540	2,240	3,110	4,610	6,920	6,660	1,670	1,120	2,700	2,900	1,130
11	2,120	1,880	2,440	2,920	4,540	6,360	6,200	1,600	1,160	2,650	3,050	1,100
12	2,230	2,000	2,490	3,190	5,680	5,700	5,300	1,450	1,160	2,470	3,060	1,080
13	2,010	1,760	2,450	3,890	12,800	5,560	4,640	1,300	1,110	2,190	2,760	1,070
14	1,840	1,590	2,660	4,520	19,100	5,680	4,120	1,400	1,040	1,960	3,030	1,030
15	1,620	1,680	2,400	7,320	21,300	5,590	3,610	1,500	988	1,970	3,170	1,030
16	1,520	1,630	1,930	8,250	19,400	5,640	3,120	1,600	940	1,980	4,130	1,320
17	1,440	1,570	1,830	7,900	16,000	6,840	2,840	1,500	956	2,640	5,770	1,530
18	1,380	1,550	2,030	7,640	11,600	7,040	2,630	1,450	1,170	3,020	7,120	1,410
19	1,400	1,550	2,280	6,000	10,200	6,440	2,540	1,460	2,260	2,770	5,740	1,300
20	1,290	1,640	2,310	5,240	9,300	5,590	2,420	1,900	3,530	2,890	3,760	1,220
21	1,270	1,980	2,160	8,850	10,300	5,200	2,290	2,100	4,760	2,630	3,010	1,200
22	1,280	2,400	2,060	13,600	11,700	5,460	2,240	2,050	5,660	2,480	2,720	1,100
23	1,410	2,800	1,980	22,300	11,700	5,200	2,130	1,900	5,900	2,900	2,760	1,110
24	1,530	3,090	1,920	27,200	8,100	4,900	2,060	1,750	6,160	3,100	2,720	1,120
25	1,460	3,090	1,960	21,600	7,800	4,600	2,030	1,650	6,860	3,910	2,670	1,040
26	1,290	2,670	2,480	16,900	8,920	4,300	1,960	1,550	7,200	7,640	2,600	972
27	1,240	2,380	4,380	17,000	8,720	3,900	1,860	1,500	6,760	11,600	2,280	1,000
28	1,220	2,170	5,190	16,100	8,100	4,400	1,800	1,500	5,790	13,000	2,000	2,020
29	1,220	2,080	4,900	14,400	-----	5,000	1,800	1,590	4,770	11,800	1,840	6,030
30	1,240	2,310	4,540	10,200	-----	4,300	1,920	1,740	4,940	8,600	1,790	11,600
31	1,240	-----	6,610	7,300	-----	3,650	-----	2,170	-----	6,050	1,710	-----
TOTAL	57,430	54,200	89,830	273,810	263,470	172,480	94,790	56,810	87,074	141,480	97,230	52,832
MEAN	1,853	1,807	2,898	8,833	9,410	5,564	3,160	1,833	2,902	4,564	3,136	1,681
MAX	3,400	3,090	5,190	27,200	21,300	7,360	6,660	2,700	7,200	13,000	7,120	11,600
MIN	1,220	1,170	1,830	2,920	4,540	3,650	1,800	1,300	940	1,960	1,710	972
CFSM	.53	.52	.83	2.52	2.99	1.59	.90	.52	.83	1.30	.90	.50
IN.	.61	.58	.95	2.91	2.60	1.83	1.01	.60	.93	1.50	1.03	.56

CAL YR 1962: TOTAL 1,763,440 MEAN 4,831 MAX 35,400 MIN 1,040 CFSM 1.38 IN 18.74
 MAY YR 1963: TOTAL 1,441,436 MEAN 3,949 MAX 27,200 MIN 940 CFSM 1.13 IN 15.32

Note --Doubtful on no gage-height record Mar 21 to May 27

2-3655 Choctawhatchee River at Caryville, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	17,300	1,490	6,800	4,640	9,960	14,400	6,840	28,400	2,990	5,170	13,900	4,430
2	20,100	1,490	7,380	6,640	8,950	14,300	6,200	24,600	2,910	5,050	12,300	4,010
3	17,600	1,650	6,800	8,220	8,350	14,200	5,900	28,000	3,010	5,260	10,500	3,700
4	12,700	1,800	5,470	9,080	7,850	18,700	5,620	33,000	3,070	5,240	9,050	3,470
5	7,850	1,800	4,610	8,500	7,320	25,300	5,530	31,600	3,000	5,410	7,280	3,340
6	4,900	1,860	3,980	7,480	7,280	31,000	5,460	28,800	3,170	5,660	5,940	3,510
7	3,690	1,980	3,520	7,480	7,460	32,000	5,440	24,600	4,010	6,080	6,090	3,250
8	3,130	2,100	3,210	9,280	8,150	29,600	5,640	19,800	4,800	5,470	8,400	3,090
9	2,770	2,020	3,070	13,100	8,650	26,200	6,940	16,400	4,770	4,410	11,300	2,890
10	2,750	1,900	3,110	19,600	9,000	23,000	8,650	13,500	4,310	3,540	12,700	2,850
11	2,780	1,840	3,110	23,800	8,980	20,000	9,660	10,700	3,820	3,210	13,000	3,130
12	2,670	1,820	3,060	26,400	8,300	17,200	9,810	8,450	3,350	3,140	12,900	5,680
13	2,570	1,800	3,540	26,900	7,460	14,400	8,700	7,360	3,190	3,930	12,800	11,600
14	2,470	1,780	5,080	24,600	6,820	12,000	8,300	6,980	2,970	5,620	13,700	15,800
15	2,160	1,710	7,340	21,200	6,440	10,700	10,300	7,640	2,700	7,240	15,700	17,300
16	1,950	1,660	9,050	17,900	6,720	9,900	14,600	8,250	2,540	8,650	16,200	15,900
17	1,860	1,650	9,960	15,100	7,680	9,480	18,800	8,080	2,550	9,200	14,300	12,800
18	1,800	1,670	9,600	12,900	8,850	9,250	21,400	7,200	2,580	8,500	11,500	9,510
19	1,760	1,670	8,350	12,400	10,700	8,950	19,900	6,050	2,430	7,480	9,840	7,200
20	1,700	1,680	7,040	12,300	13,800	9,020	17,000	5,370	2,350	6,800	9,600	5,740
21	1,670	1,690	6,000	12,300	17,300	10,100	14,200	4,700	2,240	7,400	10,200	4,920
22	1,640	1,670	5,470	12,300	18,700	11,400	11,500	4,400	2,150	8,280	10,400	4,410
23	1,610	1,750	5,050	12,900	17,000	12,300	9,020	4,030	2,510	9,750	10,400	4,250
24	1,600	2,300	4,590	12,600	14,700	11,500	7,400	3,920	3,350	9,960	10,900	4,260
25	1,600	3,520	4,340	11,500	12,700	10,000	6,560	3,790	4,060	10,200	12,200	4,150
26	1,600	3,780	4,160	11,200	11,100	9,360	6,200	4,020	4,360	9,630	12,800	3,950
27	1,660	3,170	3,960	12,000	10,800	9,330	9,370	4,040	4,070	9,480	11,600	3,630
28	1,660	2,810	3,780	13,700	11,700	9,570	25,500	3,870	4,610	9,390	9,600	3,310
29	1,630	3,400	3,620	14,500	13,800	9,280	33,000	3,590	5,650	9,960	7,520	3,280
30	1,570	5,130	3,490	13,400	-----	8,350	31,200	3,330	8,730	11,300	6,000	3,300
31	1,510	-----	3,470	11,400	-----	7,440	-----	3,080	-----	13,500	5,050	-----
TOTAL	132,260	64,590	162,010	425,320	296,520	458,230	354,640	367,750	103,270	223,410	333,700	178,660
MEAN	4,266	2,153	5,226	13,720	10,220	14,780	11,820	11,860	3,442	7,207	10,760	5,955
MAX	20,100	5,130	9,960	26,900	18,700	32,000	33,000	33,000	5,710	13,500	16,200	17,300
MIN	1,510	1,490	3,060	4,640	6,440	7,440	5,440	3,080	2,150	3,140	5,050	2,850
CFSM	1.22	.62	1.49	3.92	2.92	4.22	3.38	3.39	.98	2.06	3.08	1.70
IN.	1.41	.69	1.72	4.52	3.15	4.87	3.77	3.91	1.10	2.37	3.55	1.90

CAL YR 1963: TOTAL 1,598,834 MEAN 4,380 MAX 27,200 MIN 1,940 CFSM 1.25 IN 16.99
 MAY YR 1964: TOTAL 3,100,360 MEAN 8,471 MAX 33,000 MIN 1,490 CFSM 2.42 IN 32.99

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,520	3,940	6,250	23,100	7,760	8,400	14,500	7,040	2,440	2,580	2,540	2,730
2	3,720	3,840	7,440	19,900	7,600	8,600	12,900	5,660	2,210	2,450	7,400	2,560
3	4,540	3,760	6,600	16,900	7,580	9,960	11,300	4,810	2,100	2,760	2,430	2,430
4	6,800	3,690	6,080	13,500	7,900	12,000	10,400	4,220	2,040	2,790	2,560	2,530
5	11,500	3,650	6,480	11,000	8,100	13,800	9,280	3,900	2,040	3,010	2,440	2,750
6	16,100	3,630	7,900	9,540	7,800	14,100	8,500	3,630	2,070	3,000	2,340	2,680
7	19,500	3,600	9,720	8,550	7,640	13,300	7,720	3,460	2,180	2,910	2,530	2,440
8	20,900	3,560	10,600	7,800	8,750	11,700	7,240	3,300	2,370	3,310	3,060	2,110
9	20,000	3,510	9,660	7,480	10,700	10,400	6,800	3,190	2,610	3,260	3,900	2,000
10	16,300	3,430	8,200	7,040	12,300	9,330	6,200	3,030	2,900	3,660	5,270	1,880
11	16,700	3,440	7,080	6,880	12,500	8,450	5,930	2,910	3,200	3,930	6,400	1,790
12	15,300	3,430	6,240	6,680	11,300	7,920	5,680	2,780	3,600	3,710	7,100	1,710
13	13,000	3,400	6,260	6,520	10,900	7,720	5,380	2,700	4,000	3,790	7,400	1,650
14	9,750	3,420	7,120	6,320	11,200	7,660	5,060	2,630	4,500	4,150	7,100	1,600
15	7,680	3,590	7,460	6,120	12,600	8,150	4,870	2,520	5,100	4,280	6,100	1,510
16	7,760	3,830	7,120	5,970	13,700	8,820	4,510	2,440	5,900	3,980	4,970	1,550
17	8,780	3,950	6,400	6,000	13,900	9,100	4,310	2,360	6,800	3,750	3,950	1,700
18	9,300	3,980	6,850	6,150	14,400	9,360	4,140	2,330	7,120	3,570	3,310	1,750
19	9,100	3,870	5,560	5,930	14,900	10,900	4,100	2,260	7,500	3,060	3,140	1,920
20	8,200	3,840	5,410	5,620	16,900	13,200	4,450	2,220	7,160	2,700	3,030	1,860
21	7,200	4,300	5,270	5,410	18,500	15,500	5,530	2,200	6,010	2,520	3,080	1,700
22	4,320	4,750	5,130	5,400	18,400	18,100	7,160	4,120	5,400	2,330	3,170	1,660
23	5,680	4,810	5,100	5,340	16,900	18,400	7,700	2,130	3,750	2,210	3,060	1,630
24	5,200	5,470	5,060	6,000	15,400	16,800	6,720	2,190	3,190	2,300	3,050	1,600
25	4,810	7,560	7,600	7,850	13,800	14,300	5,650	2,280	2,870	2,200	2,780	1,790
26	4,550	9,480	23,400	9,660	11,700	12,100	5,680	2,260	2,760	2,420	2,480	1,920
27	4,370	10,800	36,500	10,400	10,300	10,500	7,360	2,220	2,670	2,490	2,310	2,020
28	4,260	11,500	36,600	10,300	9,200	10,700	8,520	2,150	2,890	2,600	2,250	1,950
29	4,140	10,900	34,600	9,360	-----	12,500	8,800	2,180	2,970	2,780	2,220	1,920
30	4,090	9,360	31,100	9,020	-----	14,400	8,180	2,380	2,770	2,750	2,660	2,250
31	4,020	-----	26,700	8,400	-----	15,300	-----	2,640	-----	2,660	2,880	-----
TOTAL	285,090	152,290	362,450	274,340	332,630	361,470	214,520	92,140	112,460	93,910	111,910	59,590
MEAN	9,196	5,076	11,690	8,850	11,880	11,660	7,151	2,972	3,744	3,029	3,610	1,786
MAX	20,900	11,500	36,600	23,100	18,500	18,400	14,500	7,040	7,500	4,280	7,400	2,750
MIN	3,520	3,400	5,060	5,340	7,580	7,660	4,100	2,120	2,040	2,200	2,220	1,510
CFSM	2.63	3.45	3.34	2.53	3.40	3.33	2.04	.85	1.07	.87	1.03	.73
IN.	3.03	1.62	3.45	2.92	3.54	3.84	2.28	.98	1.20	1.00	1.19	.67

CAL YR 1964: TOTAL 2,541,330 MEAN 9,676 MAX 36,600 MIN 1,510 CFSM 2.77 IN 37.64
 MAY YR 1965: TOTAL 2,452,800 MEAN 8,720 MAX 36,600 MIN 1,510 CFSM 2.92 IN 37.64

CHOCTAWHATCHEE RIVER BASIN

2-3660 Holmes Creek at Vernon, Fla

Location --Lat 30°37'35", long 85°42'45", in NE¼ 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

Records available --April 1950 to September 1965

Gage --Wire-weight gage read twice daily Datum of gage is 10 70 ft above mean sea level, datum of 1929

Average discharge --15 years, 644 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Sept 3, 1961	2,700	16 71	Dec 23, 26, 1960	330	10 99
1962	Apr 5, 1962	5,630	19 48	Sept 6, 7, 1962	305	a 10 59
1963	July 28, 1963	3,520	17 47	June 16, 17, 1963	302	10 54
1964	Apr 30, 1964	8,120	21 12	Nov 21, 22, 1963	335	10 92
1965	Oct 6, 1964	5,570	19 13	Sept 23, 1965	368	11 26

a Occurred Sept 5, 6, 7, 1962

1950-65 Maximum discharge, 10,900 cfs Apr 4, 1960 (gage height, 23 35 ft), minimum, 234 cfs July 8, 1955, minimum gage height, 10 17 ft Jan 18, 1956

Remarks --Records good except those above 2,000 cfs and those for period June 10 to Sept 30, 1964, which are fair

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNF	JULY	AUG.	SEPT.
1	490	349	345	350	466	698	852	588	403	665	394	2,150
2	444	347	343	352	450	665	1,000	645	388	592	380	2,560
3	421	343	341	351	450	625	1,260	632	375	528	375	2,690
4	402	341	339	345	438	594	1,240	628	365	483	403	2,480
5	389	341	339	341	427	588	1,060	625	356	453	438	2,010
6	389	340	338	337	424	581	891	588	350	438	487	1,530
7	409	339	337	335	473	593	740	542	345	440	528	1,210
8	418	337	335	339	490	540	640	501	343	447	576	988
9	429	337	333	337	505	512	616	505	345	481	710	835
10	438	338	333	337	526	483	608	516	347	497	698	722
11	429	338	341	337	544	466	583	514	339	509	642	645
12	412	338	340	334	544	453	767	516	339	518	559	604
13	398	339	339	346	514	444	1,020	509	337	553	516	635
14	383	339	341	369	497	432	1,660	487	335	574	487	755
15	376	339	346	374	466	420	2,390	461	337	544	497	880
16	369	339	344	377	438	412	2,370	436	338	507	594	916
17	364	339	341	380	421	406	2,030	416	335	514	648	863
18	362	338	341	376	412	528	1,800	400	333	597	638	785
19	358	339	338	368	463	645	1,920	389	334	630	592	686
20	362	339	337	356	492	746	1,620	380	420	583	524	613
21	360	338	338	351	520	842	1,220	373	912	518	466	555
22	361	339	332	346	561	898	940	371	1,250	469	441	512
23	360	346	331	345	630	870	764	366	1,770	446	441	480
24	358	347	333	347	650	758	650	380	1,900	444	487	456
25	353	347	333	353	662	655	579	398	1,920	474	601	435
26	349	347	331	392	686	574	542	406	1,780	501	912	421
27	349	344	332	416	722	524	518	444	1,470	536	1,440	409
28	349	342	336	427	716	497	532	453	1,180	536	1,850	398
29	347	351	331	450	-----	524	597	460	964	480	1,740	392
30	345	349	337	473	-----	630	592	450	797	438	1,470	385
31	348	-----	342	473	-----	722	-----	427	-----	411	1,480	-----
TOTAL	11,921	10,249	10,467	11,414	14,587	18,285	32,001	14,806	21,007	15,806	27,916	29,000
MEAN	385	342	338	368	521	590	1,067	478	700	510	710	967
MAX	490	351	346	473	722	898	2,390	645	1,920	665	1,850	2,690
MIN	345	337	331	334	412	406	518	366	333	411	375	385
CFSM	1.00	.89	.87	.95	1.35	1.53	2.76	1.24	1.81	1.32	1.84	2.50
IN.	1.15	.99	1.01	1.10	1.41	1.76	3.08	1.43	2.02	1.52	2.12	2.79

CAL YR 1960: TOTAL 280,703
WAT YR 1961: TOTAL 211,557

MEAN 767
MEAN 580

MAX 10,500
MAX 2,690

MIN 331
MIN 331

CFSM 1.99
CFSM 1.50

IN 27.04
IN 20.38

CHOCTAWHATCHEE RIVER BASIN

167

2 3660 Holmes Creek at Vernon, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	374	333	329	516	665	710	1,180	608	380	364	366	310
2	372	334	328	512	640	752	2,500	645	377	363	359	314
3	370	332	327	518	597	807	5,350	630	371	356	351	308
4	365	333	327	540	570	877	4,950	570	373	351	347	306
5	360	331	327	565	536	980	3,520	505	371	351	341	306
6	358	336	327	722	532	1,060	2,420	463	368	348	338	306
7	355	368	327	930	516	1,010	1,730	444	362	351	336	317
8	351	351	325	1,230	505	916	1,370	428	373	350	336	326
9	349	344	325	1,710	497	794	1,160	417	371	353	339	320
10	347	343	345	1,920	501	686	1,030	408	368	348	336	319
11	346	340	406	1,730	492	645	952	412	378	343	334	320
12	345	337	512	1,410	497	604	933	418	389	340	331	327
13	344	335	810	1,140	501	574	905	408	392	356	330	329
14	343	335	902	984	501	550	888	400	386	356	328	332
15	340	335	1,040	860	487	590	866	394	392	353	326	339
16	339	334	1,240	776	668	630	828	388	378	364	323	335
17	340	333	1,280	734	849	665	758	384	371	364	323	333
18	339	332	1,270	695	1,020	728	680	382	366	356	322	333
19	338	332	1,200	665	1,180	794	610	380	370	351	320	338
20	337	331	1,080	640	1,150	770	572	377	371	347	318	333
21	336	329	968	613	1,050	686	536	376	370	345	321	327
22	336	329	877	590	1,180	630	507	375	368	343	344	327
23	335	349	800	572	1,320	608	483	371	366	341	412	320
24	333	343	728	553	1,210	583	463	366	370	366	341	311
25	332	339	650	538	1,020	583	447	368	371	340	345	307
26	331	339	599	526	884	583	436	365	370	355	340	308
27	330	337	557	530	794	579	429	364	362	388	333	314
28	331	335	553	553	752	565	631	362	362	396	326	311
29	331	331	532	574	-----	532	509	361	370	400	321	309
30	331	329	520	616	-----	509	565	377	366	397	318	306
31	332	-----	514	650	-----	526	-----	382	-----	384	314	-----
TOTAL	10,670	10,109	20,325	25,112	21,114	21,526	38,016	13,132	11,178	11,095	10,442	9,951
MEAN	344	337	656	810	754	714	1,267	424	373	358	337	320
MAX	374	368	1,280	1,920	1,320	1,060	5,350	645	392	400	412	339
MIN	330	329	325	512	487	509	429	361	362	340	314	306
CFSM	.89	.87	1.70	2.10	1.95	1.80	3.28	1.10	.97	.93	.87	.83
IN.	1.03	.97	1.96	2.42	2.03	2.07	3.66	1.27	1.08	1.07	1.01	.92

CAL YR 1961 TOTAL 220,024 MEAN 603 MAX 2,690 MIN 325 CFSM 1.56 IN 21.20
 MAY YR 1962 TOTAL 202,310 MEAN 554 MAX 5,350 MIN 306 CFSM 1.44 IN 19.49

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	305	306	343	353	732	756	412	360	333	656	1,940	365
2	317	306	348	351	699	721	403	369	325	661	1,500	357
3	323	305	353	344	685	680	395	389	320	656	1,180	349
4	335	305	355	338	666	638	389	379	315	600	964	343
5	342	303	349	334	651	615	383	359	311	503	788	339
6	340	302	341	337	632	605	382	347	310	434	645	337
7	337	302	335	344	615	586	411	343	308	398	549	331
8	333	313	333	347	593	568	416	335	320	386	509	329
9	343	342	330	347	564	554	416	329	315	453	489	328
10	342	333	326	347	539	543	416	328	312	520	472	326
11	347	333	325	345	535	530	411	326	310	535	479	322
12	353	340	323	397	586	516	401	322	311	507	489	319
13	353	338	320	434	603	541	391	325	308	480	564	319
14	346	331	320	560	645	582	382	328	305	453	756	317
15	333	326	320	672	696	696	372	331	303	422	964	315
16	324	322	320	763	741	850	363	333	302	418	1,020	317
17	320	320	320	792	732	944	357	333	310	480	960	317
18	319	319	319	769	688	968	351	329	346	730	812	315
19	316	317	318	738	672	888	349	326	398	858	693	313
20	312	317	317	847	688	795	346	327	455	896	750	311
21	312	323	319	1,090	724	710	346	331	467	836	699	310
22	316	327	319	1,600	747	615	343	337	463	763	635	308
23	312	323	316	2,010	753	560	341	353	461	661	573	306
24	310	323	312	2,050	756	522	338	357	593	709	530	303
25	308	324	326	1,790	750	492	335	357	603	1,490	492	303
26	308	322	335	1,440	763	475	335	348	579	2,250	467	303
27	306	320	339	1,210	766	459	333	337	535	3,360	442	313
28	306	319	344	988	769	450	333	329	498	3,470	416	313
29	306	318	351	884	-----	440	331	333	503	3,210	397	406
30	306	337	355	829	-----	428	345	340	568	2,870	384	448
31	309	-----	354	788	-----	422	-----	339	-----	2,470	372	-----
TOTAL	10,039	9,616	10,285	24,438	18,990	19,149	11,126	10,579	11,844	33,130	21,930	9,927
MEAN	324	321	332	788	678	618	371	341	395	1,060	707	331
MAX	353	342	355	2,050	769	968	416	389	593	3,470	1,940	448
MIN	305	302	312	334	535	422	331	322	302	386	372	303
CFSM	.84	.83	.86	2.04	1.76	1.60	.96	.88	1.02	2.77	1.83	.86
IN.	.97	.93	.99	2.35	1.83	1.84	1.07	1.02	1.14	3.19	2.11	.96

CAL YR 1962: TOTAL 191,146 MEAN 524 MAX 5,350 MIN 302 CFSM 1.36 IN 18.42
 MAY YR 1963 TOTAL 191,048 MEAN 523 MAX 3,470 MIN 302 CFSM 1.36 IN 18.41

CHOCTAWHATCHEE RIVER BASIN

2-3660 Holmes Creek at Vernon, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	539	342	640	880	948	2,760	1,420	6,080	439	503	1,680	648
2	732	342	672	1,080	904	2,650	1,200	4,400	431	530	1,440	596
3	693	342	661	1,320	858	2,500	1,040	3,440	425	511	1,210	558
4	715	346	615	1,470	822	2,410	952	3,200	421	522	976	545
5	710	347	560	1,440	829	2,550	880	3,830	416	591	847	547
6	635	349	503	1,430	996	2,690	840	3,140	539	605	968	568
7	558	347	474	1,640	1,120	2,470	850	2,320	699	577	1,400	670
8	499	346	463	2,290	1,420	2,140	858	1,760	960	532	2,610	640
9	463	345	453	4,360	1,540	1,810	850	1,400	972	489	2,800	610
10	431	346	439	6,890	1,640	1,530	843	1,140	815	458	2,470	560
11	411	347	434	7,500	1,550	1,340	829	964	699	509	2,150	645
12	398	345	469	6,690	1,370	1,270	808	847	625	530	1,890	1,140
13	388	341	801	5,170	1,190	1,160	782	782	564	600	1,730	2,710
14	379	339	1,150	4,020	1,070	1,060	968	795	520	638	1,650	4,290
15	371	338	1,550	3,180	984	1,000	1,340	696	496	630	1,540	4,160
16	368	337	1,970	2,580	1,040	960	1,920	693	479	584	1,370	3,240
17	363	337	1,870	2,340	1,110	936	2,390	615	450	543	1,140	2,370
18	359	337	1,640	2,210	1,490	948	2,260	582	437	551	992	1,780
19	356	336	1,410	2,210	1,890	1,080	1,890	551	422	653	896	1,380
20	353	336	1,170	2,190	2,350	1,350	1,530	530	412	944	968	1,130
21	351	335	972	2,000	2,480	1,480	1,210	511	407	1,320	1,000	928
22	349	335	843	1,790	2,290	1,750	1,000	496	406	1,590	1,460	812
23	347	354	769	1,590	1,990	1,910	865	485	402	1,540	1,940	732
24	347	385	732	1,410	1,600	1,710	775	485	432	1,580	2,260	677
25	346	402	710	1,280	1,350	1,550	715	492	439	1,760	2,150	675
26	346	396	693	1,200	1,180	1,620	664	487	440	2,170	1,840	586
27	346	394	677	1,150	1,440	1,720	1,460	475	459	2,190	1,500	560
28	346	431	656	1,130	1,900	2,080	3,380	472	489	1,950	1,190	535
29	343	560	630	1,100	2,560	2,150	7,390	466	522	1,870	964	518
30	341	600	605	1,040	-----	1,990	7,660	456	520	1,990	812	524
31	340	-----	669	992	-----	1,670	-----	445	-----	1,870	712	-----
TOTAL	13,523	11,037	25,900	75,572	41,911	54,244	49,569	42,935	15,745	31,280	46,565	35,234
MEAN	436	368	835	2,438	1,445	1,750	1,652	1,385	525	1,009	1,502	1,174
MAX	732	600	1,970	7,500	2,560	2,760	7,660	6,080	960	2,190	2,800	4,290
MIN	340	334	434	880	822	936	664	445	402	458	512	518
CFSM	1.13	.95	2.16	6.32	3.74	4.53	4.28	3.59	1.36	2.61	3.89	3.04
IN.	1.30	1.06	2.50	7.28	4.04	5.23	4.78	4.14	1.52	3.01	4.49	3.39

CAL YR 1963: TOTAL 211,508
WAT YR 1964: TOTAL 443,215MEAN 1,590
MEAN 1,212MAX 3,470
MAX 7,660MIN 392
MIN 336CFSM 3.50
IN 42.78

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	577	591	1,360	1,700	1,120	1,200	1,650	2,160	403	666	492	440
2	586	577	1,200	1,410	1,160	1,530	1,590	1,660	404	605	507	496
3	858	568	1,070	1,210	1,140	1,970	1,480	1,280	408	600	498	530
4	2,350	558	1,040	1,090	1,110	2,800	1,360	992	408	596	507	615
5	4,290	547	1,090	1,000	1,080	3,060	1,220	822	406	620	496	635
6	5,460	539	1,180	944	1,070	2,800	1,090	721	407	666	485	610
7	5,310	526	1,370	888	1,060	2,340	984	658	403	658	503	547
8	4,390	518	1,530	836	1,070	1,870	908	610	401	610	507	482
9	3,240	512	1,490	795	1,160	1,600	832	575	403	615	582	442
10	2,350	507	1,310	775	1,260	1,360	769	547	411	645	680	414
11	1,820	499	1,120	763	1,280	1,200	721	522	453	805	916	401
12	1,430	496	1,020	763	1,230	1,100	683	507	490	1,060	1,030	392
13	1,180	492	988	763	1,440	1,030	648	490	482	1,140	1,010	384
14	1,070	489	980	744	1,750	1,000	615	475	547	1,440	900	382
15	1,260	485	1,020	721	2,280	976	586	466	756	1,250	782	379
16	1,470	482	1,060	704	2,510	960	562	453	912	1,020	741	384
17	1,750	482	1,010	677	2,510	944	539	448	1,120	869	707	384
18	1,810	480	944	656	2,350	968	524	443	1,260	738	648	379
19	1,710	479	858	640	2,170	1,020	522	440	1,510	645	628	382
20	1,540	503	801	643	2,010	1,440	610	434	1,840	566	598	379
21	1,320	512	763	638	1,840	1,820	646	430	1,740	522	618	372
22	1,120	520	747	622	1,630	2,270	756	426	1,420	498	677	370
23	980	547	738	648	1,420	2,180	888	422	1,080	479	640	368
24	865	638	727	888	1,260	1,900	836	425	840	469	577	384
25	795	865	730	1,140	1,210	1,580	808	422	688	458	518	398
26	738	1,190	788	1,470	1,190	1,380	928	421	620	445	475	391
27	702	1,530	2,710	1,600	1,210	1,470	1,360	419	678	448	448	390
28	672	1,620	4,810	1,490	1,210	1,570	2,450	416	763	450	431	414
29	645	1,610	4,120	1,280	-----	1,770	3,000	415	747	458	432	456
30	630	1,490	2,940	1,140	-----	1,900	2,690	414	721	456	431	556
31	610	-----	2,150	1,130	-----	1,840	-----	406	-----	450	424	-----
TOTAL	53,528	20,852	43,664	29,768	41,730	50,848	32,265	19,319	22,671	20,947	18,888	13,156
MEAN	1,727	695	1,409	960	1,490	1,640	1,076	623	756	676	609	439
MAX	5,460	1,620	4,810	1,700	2,510	3,060	3,000	2,160	1,840	1,440	1,030	635
MIN	577	479	727	622	1,060	944	522	406	401	445	424	368
CFSM	4.67	1.80	3.65	2.49	3.86	4.25	2.79	1.61	1.96	1.75	1.58	1.14
IN.	5.16	2.01	4.21	2.87	4.02	4.90	3.11	1.86	2.18	2.02	1.82	1.27

CAL YR 1964: TOTAL 511,099
WAT YR 1965: TOTAL 367,636MEAN 1,396
MEAN 1,007MAX 7,660
MAX 5,460MIN 402
MIN 368CFSM 3.62
IN 49.24

CHOCTAWHATCHEE RIVER BASIN

169

2-3665 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

Records available --October 1930 to September 1965

Gage --Water-stage recorder Datum of gage is 3 94 ft above mean sea level, datum of 1929 Prior To Apr 6, 1934, staff gage at site 1 mile downstream at datum 0 25 ft lower

Average discharge --35 years, 7,063 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Apr 20, 1961	40,400	13 05	Nov 9, 1960	2,190	1 24
1962	Apr 5, 1962	39,000	12 87	Sept 7, 1962	1,930	69
1963	Jan 27, 1963	23,800	10 64	June 16, 17, 1963	1,890	60
1964	May 2, 1964	40,900	13 11	Nov 3, 1963	2,450	1 66
1965	Dec 30, 1964	39,700	12 96	Sept 17, 1965	2,570	1 88

1930-65 Maximum discharge, 69,600 cfs Aug 19, 20, 1939, maximum gage height, 16 68 ft

Aug 19, 1939, minimum discharge, 1,480 cfs Oct 9, 1954 (gage height, -0 23 ft)

Maximum stage known, 25 0 ft at former site and datum in March 1929, from floodmarks (discharge, 220,000 cfs, from rating curve extended above 66,000 cfs on basis of records from station at Caryville)

Remarks --Records good except those for period of shifting control, which are fair

Revisions (water years) --WSP 872 1937 WSP 1384 Drainage area WSP 1504 1931-34

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5,190	2,390	3,090	3,370	6,220	21,100	7,290	8,180	5,660	11,500	4,520	9,350
2	5,490	2,360	3,170	3,630	6,510	22,400	7,770	8,250	5,650	10,300	4,400	9,800
3	5,540	2,370	3,200	3,870	6,560	22,100	8,700	8,480	5,380	9,100	4,120	11,000
4	5,310	2,370	3,100	4,090	6,340	20,700	9,920	8,600	4,930	8,050	3,790	14,300
5	4,880	2,360	2,950	4,220	5,970	19,400	12,000	8,420	4,350	7,090	3,810	18,000
6	4,400	2,320	2,840	4,270	5,650	18,600	15,500	8,100	3,820	6,340	4,190	19,800
7	4,090	2,310	2,760	4,210	5,520	18,200	18,400	7,790	3,450	5,830	4,720	19,400
8	3,890	2,230	2,720	4,060	5,450	17,000	19,400	7,550	3,210	5,410	5,050	17,500
9	3,850	2,210	2,680	3,840	5,490	15,300	18,700	7,290	3,060	5,110	5,370	15,400
10	3,950	2,240	2,650	3,670	5,680	13,200	17,200	6,850	2,950	5,030	5,920	13,000
11	4,000	2,240	2,710	3,630	6,040	11,500	15,500	6,500	2,880	5,150	6,660	11,200
12	3,950	2,230	2,850	3,620	6,520	10,100	14,300	6,280	2,800	5,360	7,470	9,500
13	3,760	2,250	2,990	3,600	6,990	8,980	13,200	6,260	2,750	5,480	7,950	8,400
14	3,490	2,300	3,220	3,670	7,230	8,150	12,700	6,440	2,720	5,570	8,120	7,660
15	3,260	2,330	3,410	3,760	7,090	7,510	14,300	6,640	2,760	5,660	7,790	7,300
16	3,090	2,330	3,410	3,930	6,630	7,010	19,900	6,690	2,850	5,790	7,050	7,190
17	2,950	2,340	3,330	4,190	6,120	6,640	26,400	6,480	2,950	6,000	6,270	7,190
18	2,830	2,340	3,410	4,440	5,660	7,070	32,100	6,090	3,110	6,330	5,780	7,300
19	2,760	2,330	3,450	4,670	5,450	7,290	37,900	5,650	3,260	6,770	5,500	7,370
20	2,780	2,330	3,560	4,870	5,230	7,410	40,200	5,230	3,620	7,150	5,290	7,340
21	2,740	2,340	3,520	4,930	5,190	7,570	38,200	4,830	5,060	7,150	5,080	7,100
22	2,670	2,340	3,380	4,790	5,380	8,080	33,600	4,510	6,090	6,870	4,780	6,570
23	2,630	2,420	3,370	4,600	5,930	9,020	28,200	4,260	7,030	6,510	4,420	5,830
24	2,590	2,540	3,530	4,440	6,740	10,300	22,600	4,080	8,520	6,160	4,410	5,070
25	2,550	2,630	3,670	4,340	8,200	11,200	18,000	4,160	12,000	5,940	4,440	4,990
26	2,520	2,760	3,680	4,420	10,300	10,900	14,700	4,450	15,700	5,820	4,780	3,940
27	2,510	2,880	3,560	4,560	13,000	10,400	12,300	4,700	17,000	5,640	5,010	3,680
28	2,480	2,930	3,380	4,720	17,300	9,470	10,800	4,910	16,400	5,320	5,350	3,440
29	2,440	3,020	3,240	5,030	-----	8,550	9,440	5,110	14,900	4,800	5,960	3,260
30	2,400	3,060	3,180	5,370	-----	7,750	8,580	5,320	13,000	4,640	6,910	3,140
31	2,390	-----	3,180	5,790	-----	7,290	-----	5,530	-----	4,570	8,520	-----
TOTAL	107,380	73,190	99,190	132,600	194,390	370,120	577,800	193,930	187,860	196,530	173,430	274,420
MEAN	3,464	2,437	3,200	4,277	6,453	11,940	18,600	6,260	5,930	6,190	5,440	8,570
MAX	5,540	3,060	3,680	5,790	17,300	22,400	40,200	8,600	17,000	11,500	8,520	19,800
MIN	2,390	2,210	2,650	3,370	5,190	6,640	7,290	4,080	2,720	4,570	3,790	3,140
CFSM	.79	.56	.73	.98	1.58	2.72	4.24	1.42	1.43	1.45	1.28	2.09
IN.	.91	.62	.84	1.12	1.65	3.14	4.73	1.64	1.59	1.67	1.47	2.93

CAL YR 1960: TOTAL 2,654,710 MEAN 7,253 MAX 63,800 MIN 2,210 CFSM 1.65 IN 22.52
 WAT YR 1961: TOTAL 2,560,530 MEAN 7,015 MAX 40,200 MIN 2,210 CFSM 1.60 IN 21.72

CHOCTAWHATCHEE RIVER BASIN

2-3665 Choctawhatchee River near Bruce, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,040	2,180	3,130	5,960	7,190	19,100	8,220	5,940	2,530	3,300	2,970	2,330
2	2,930	2,190	3,030	5,890	7,950	17,600	8,920	6,140	2,610	3,470	2,940	2,150
3	2,830	2,210	2,950	5,860	8,580	16,300	14,300	6,640	2,630	3,640	2,840	2,060
4	2,730	2,250	2,890	5,900	8,520	15,200	30,500	7,650	2,580	3,480	2,690	2,000
5	2,650	2,240	2,850	6,020	8,020	14,400	37,900	8,650	2,630	3,060	2,570	1,960
6	2,590	2,290	2,830	6,450	7,610	14,100	38,400	8,900	2,850	2,740	2,370	1,940
7	2,570	2,500	2,830	6,890	7,050	14,300	35,400	8,380	3,020	2,600	2,270	1,950
8	2,540	2,620	2,800	7,550	6,620	14,900	30,900	7,470	3,060	2,780	2,730	2,120
9	2,500	2,630	2,880	9,590	6,300	14,700	26,400	6,540	3,020	3,060	2,280	2,270
10	2,460	2,690	3,020	15,000	6,040	14,000	22,500	5,790	2,970	3,230	2,290	2,610
11	2,430	2,750	3,710	20,400	5,850	12,900	20,100	5,180	2,980	3,260	2,280	2,800
12	2,410	2,720	4,470	21,600	5,720	11,800	18,600	4,720	3,070	3,080	2,280	2,730
13	2,390	2,650	5,170	19,900	5,620	10,600	17,800	4,360	3,180	2,830	2,220	2,630
14	2,360	2,610	5,860	17,200	5,570	9,950	17,000	4,070	3,320	2,640	2,120	2,510
15	2,310	2,610	6,750	14,800	5,490	8,950	15,800	3,860	3,490	2,560	2,030	2,430
16	2,250	2,640	8,420	12,700	5,510	8,650	14,300	3,700	3,620	2,580	1,980	2,400
17	2,230	2,700	10,600	11,200	5,680	8,700	13,200	3,530	3,670	2,730	2,170	2,520
18	2,210	2,800	12,600	9,890	5,960	8,950	12,600	3,410	3,670	2,910	2,690	2,760
19	2,200	2,980	14,200	8,850	6,460	9,200	12,000	3,300	3,540	2,980	2,850	3,040
20	2,180	3,080	14,800	8,120	7,190	9,500	11,300	3,210	3,230	3,010	2,720	3,240
21	2,160	3,060	14,700	7,630	7,780	9,650	10,500	3,160	3,140	2,910	2,600	3,120
22	2,140	2,930	13,900	7,250	10,000	9,350	9,710	3,110	3,130	2,720	2,570	2,860
23	2,130	2,930	13,000	6,870	10,400	8,780	8,880	3,040	3,140	2,570	2,630	2,610
24	2,130	2,920	11,900	6,480	28,100	8,100	9,120	2,940	3,070	2,460	2,540	2,390
25	2,140	2,960	10,700	6,520	29,900	7,610	7,330	2,860	3,020	2,380	2,430	2,230
26	2,150	3,160	9,440	6,400	27,800	7,250	6,690	2,770	3,100	2,370	2,360	2,160
27	2,140	3,390	8,380	6,380	24,400	7,030	6,270	2,710	3,230	2,400	2,340	2,180
28	2,140	3,490	7,550	6,340	21,400	6,910	5,290	2,950	3,310	2,470	2,470	2,200
29	2,140	3,450	6,850	6,230	-----	6,830	6,000	2,580	3,360	2,590	2,580	2,270
30	2,160	3,290	6,400	6,380	-----	6,810	5,940	2,530	3,310	2,730	2,570	2,340
31	2,160	-----	6,120	6,600	-----	7,250	-----	2,510	-----	2,880	2,440	-----
TOTAL	73,400	82,920	224,730	293,150	300,910	339,010	481,470	142,300	93,480	88,410	76,270	72,810
MEAN	2,368	2,764	7,249	9,456	10,750	10,940	16,050	4,590	3,116	2,852	2,466	2,427
MAX	3,490	3,490	14,800	21,600	29,900	19,100	38,400	8,900	3,670	3,640	3,040	3,240
MIN	2,130	2,180	2,800	5,860	5,490	6,810	5,940	2,510	2,530	2,370	1,980	1,940
CFSM	.54	.63	1.65	2.16	2.45	2.49	3.66	1.05	.71	.65	.56	.55
IN.	.62	.70	1.91	2.49	2.55	2.88	4.08	1.21	.79	.75	.65	.62
CAL YR 1961	TOTAL 2,661,910	MEAN 7,293	MAX 40,200	MIN 2,130	CFSM 1.66	IN 27.58						
WAT YR 1962	TOTAL 2,268,860	MEAN 6,216	MAX 38,400	MIN 1,940	CFSM 1.42	IN 19.25						

Note --Shifting-control method used Oct 8 to Dec 12

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,320	2,010	2,840	5,320	12,500	10,300	5,140	2,830	2,600	7,790	14,900	3,020
2	2,310	1,980	2,770	5,410	10,800	9,980	5,060	2,830	2,680	7,360	12,800	2,880
3	2,470	1,970	2,940	5,410	9,680	9,520	4,840	2,900	2,530	7,030	10,800	2,750
4	2,990	1,970	3,470	5,340	8,700	8,800	4,830	2,970	2,330	7,070	10,100	2,640
5	3,370	1,950	3,970	5,220	8,100	8,360	4,360	2,990	2,180	7,240	7,720	2,560
6	3,490	1,930	3,810	5,070	7,870	7,940	4,240	2,980	2,080	7,270	6,610	2,490
7	3,540	1,920	3,410	4,920	7,720	7,590	4,290	2,880	2,020	6,910	5,580	2,410
8	3,560	1,980	3,090	4,770	7,610	7,320	4,250	2,780	2,000	6,130	4,660	2,320
9	3,420	2,180	2,920	4,510	7,450	7,100	4,240	2,730	2,000	5,440	4,120	2,250
10	3,100	2,230	2,830	4,340	7,240	7,070	4,520	2,640	2,000	4,970	4,010	2,210
11	2,840	2,330	2,880	4,260	7,020	7,240	5,320	2,520	2,060	4,730	4,130	2,160
12	2,780	2,540	2,950	4,370	6,790	7,500	6,130	2,440	2,040	4,530	4,430	2,130
13	2,780	2,600	2,860	4,520	6,570	7,920	6,580	2,330	2,000	4,230	4,710	2,120
14	2,750	2,550	2,780	4,770	6,660	7,790	6,730	2,250	1,950	3,810	5,110	2,080
15	2,650	2,490	2,700	5,130	7,700	7,560	6,420	2,260	1,940	3,490	6,130	2,040
16	2,520	2,470	2,650	5,680	11,400	7,360	5,970	2,420	1,910	3,300	6,810	2,040
17	2,380	2,430	2,610	6,420	17,000	7,200	5,470	2,550	1,940	3,190	7,170	2,140
18	2,270	2,400	2,630	7,310	18,900	7,150	4,880	2,510	2,100	3,270	7,200	2,310
19	2,190	2,380	2,720	8,120	18,000	7,290	4,230	2,390	2,440	3,560	7,200	2,330
20	2,170	2,310	2,810	8,900	15,900	7,560	3,700	2,370	3,130	3,870	7,560	2,250
21	2,140	2,290	2,840	9,080	13,500	7,680	3,320	2,580	3,860	4,120	7,850	2,160
22	2,120	2,480	2,900	8,820	12,000	7,490	3,280	2,830	4,350	4,350	7,130	2,130
23	2,080	2,750	2,730	9,220	11,300	7,080	2,980	2,940	4,290	4,530	7,700	2,060
24	2,080	3,000	2,690	11,200	11,600	6,620	2,970	2,920	6,130	4,880	6,420	2,010
25	2,160	3,250	2,830	16,800	12,200	6,230	2,950	2,810	6,830	5,740	5,600	2,000
26	2,140	3,410	3,070	22,300	12,300	5,920	2,930	2,740	7,320	6,130	4,950	1,970
27	2,050	3,400	3,400	23,700	10,900	5,660	2,910	2,690	7,650	7,020	4,510	2,060
28	2,000	3,170	3,820	22,000	10,900	5,410	2,900	2,610	7,790	8,380	4,140	2,840
29	1,990	3,040	4,290	20,000	-----	5,180	2,880	2,520	8,000	11,000	3,730	5,040
30	2,000	2,940	4,750	17,200	-----	5,110	2,850	2,430	8,060	14,400	3,390	6,930
31	2,020	-----	5,110	14,600	-----	5,110	-----	2,430	-----	15,700	3,170	-----
TOTAL	78,680	74,250	97,990	285,310	299,110	226,120	130,740	87,070	109,380	191,390	199,450	76,340
MEAN	2,538	2,475	3,161	9,204	10,680	7,294	4,358	2,647	3,646	6,174	6,434	2,545
MAX	3,560	3,410	5,110	23,700	18,900	10,300	6,730	2,990	8,060	15,700	14,900	6,930
MIN	1,990	1,920	2,610	4,260	6,570	5,110	2,850	2,250	1,910	3,190	3,170	1,970
CFSM	.58	.66	.72	2.10	2.44	1.66	.99	.60	.83	1.41	1.47	.58
IN.	.67	.63	.83	2.42	2.54	1.92	1.11	.70	.93	1.62	1.69	.65
CAL YR 1962	TOTAL 2,138,730	MEAN 5,860	MAX 38,400	MIN 1,920	CFSM 1.34	IN 18.14						
WAT YR 1963	TOTAL 1,850,830	MEAN 5,071	MAX 23,700	MIN 1,910	CFSM 1.16	IN 15.70						

CHOCTAWHATCHEE RIVER BASIN

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2-3665 Choctawhatchee River near Bruce, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8,120	2,480	5,200	6,030	15,100	16,500	12,300	39,400	4,770	5,710	13,700	10,300
2	9,280	2,460	5,570	6,060	14,300	17,500	11,500	40,100	4,520	6,080	14,300	8,980
3	12,100	2,450	6,110	6,280	13,100	16,800	10,500	36,600	4,260	6,320	15,000	8,020
4	14,500	2,470	6,740	6,840	12,100	19,100	9,750	33,200	4,130	6,350	14,900	7,170
5	18,000	2,620	7,310	7,700	11,400	19,600	9,020	33,600	4,080	6,350	13,700	6,400
6	16,700	2,750	7,580	9,020	10,900	22,400	8,720	35,200	4,260	6,420	12,500	5,820
7	13,800	2,850	7,380	10,500	10,500	27,600	9,580	34,700	4,320	6,540	11,500	5,440
8	11,300	2,910	6,910	11,900	10,300	31,700	9,420	32,000	4,830	6,610	10,900	5,220
9	9,080	2,990	6,280	14,300	10,200	32,900	8,850	28,300	5,280	6,710	10,800	5,030
10	7,410	3,020	5,660	17,200	10,400	31,700	8,400	24,100	5,790	6,740	11,800	4,830
11	6,060	2,950	5,110	22,200	10,800	29,100	8,240	20,600	6,110	6,740	13,200	5,140
12	5,010	2,850	4,900	28,500	11,100	26,300	8,560	17,300	6,200	6,470	15,000	5,970
13	4,470	2,770	5,360	32,400	11,200	23,200	9,500	14,700	5,980	5,920	16,100	6,390
14	4,130	2,710	6,080	33,600	11,000	20,500	10,800	12,600	5,540	5,470	16,100	7,290
15	3,870	2,660	6,620	32,700	10,600	18,000	11,900	10,900	5,000	5,340	15,700	10,200
16	3,620	2,600	7,200	30,300	10,200	16,000	12,600	9,700	4,340	5,570	15,600	15,800
17	3,330	2,560	8,020	21,800	9,750	14,200	13,500	9,050	4,130	6,130	16,300	19,200
18	3,080	2,540	9,280	24,700	9,700	13,000	15,900	8,880	3,800	7,020	16,900	19,300
19	2,910	2,550	10,500	21,900	10,100	12,300	19,400	8,950	3,650	8,240	16,700	17,300
20	2,830	2,560	11,400	19,400	11,000	12,500	22,000	8,820	3,530	9,100	15,500	14,700
21	2,790	2,580	11,300	17,600	12,500	12,600	22,000	8,400	3,400	9,620	14,000	12,300
22	2,750	2,580	10,700	16,500	14,700	12,700	20,100	7,870	3,280	9,880	13,500	10,400
23	2,700	2,700	9,850	15,900	17,700	12,800	17,600	7,320	3,180	9,920	13,900	8,950
24	2,670	2,960	8,950	15,400	19,800	13,500	15,200	6,790	3,230	10,200	14,600	7,870
25	2,630	3,260	8,200	15,100	19,700	14,400	13,000	6,400	3,560	10,900	14,900	7,070
26	2,600	3,660	7,630	15,000	18,200	15,500	11,400	5,980	3,980	12,200	14,900	6,470
27	2,580	4,110	7,130	14,500	17,100	14,900	10,400	5,600	4,360	13,800	14,900	6,060
28	2,560	4,510	6,710	13,900	16,500	14,000	10,600	5,360	4,740	14,500	14,700	5,780
29	2,540	4,900	5,350	13,600	16,100	13,500	14,500	5,240	5,030	14,600	14,200	5,470
30	2,520	5,000	6,020	14,100	-----	13,200	30,300	5,140	5,380	14,000	13,000	5,160
31	2,510	-----	6,060	15,000	-----	12,900	-----	4,990	-----	13,600	11,600	-----
TOTAL	190,450	90,010	228,110	535,930	376,050	572,900	395,540	527,790	135,060	263,050	440,400	264,030
MEAN	6,144	3,000	7,358	17,290	12,970	18,480	13,180	17,030	4,502	8,485	14,210	8,801
MAX	18,000	5,000	11,400	33,600	19,800	32,900	30,300	40,100	6,200	14,600	16,900	19,300
MIN	2,510	2,510	4,900	6,030	9,700	12,300	8,240	4,200	3,180	5,340	10,800	4,830
CFSM	1.40	.68	1.68	3.94	2.96	4.22	3.01	3.88	1.03	1.94	3.24	2.01
IN.	1.62	.76	1.94	4.55	3.19	4.86	3.36	4.48	1.15	2.23	3.74	2.24

CAL YR 1963: TOTAL 2,109,480 MEAN 5,777 MAX 23,700 MIN 1,210 CFSM 1.31 IN 17.80
 MAY YR 1963: TOTAL 4,019,320 MEAN 10,988 MAX 43,700 MIN 3,210 CFSM 2.31 IN 31.70

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,910	5,540	12,500	34,300	11,500	13,500	16,200	12,400	3,180	4,960	4,490	3,740
2	4,860	5,320	12,200	30,200	11,200	13,200	17,100	12,200	3,250	4,780	4,870	3,880
3	5,340	5,140	11,600	26,600	10,700	13,100	17,000	11,300	3,150	4,600	4,790	3,960
4	6,370	5,000	10,800	23,100	10,200	13,100	16,100	10,100	3,030	4,610	4,480	4,010
5	7,490	4,860	10,200	20,200	9,850	13,700	14,700	8,800	2,940	4,740	4,220	3,940
6	9,920	4,710	9,500	17,300	9,780	15,000	13,300	7,810	2,970	4,740	4,380	3,930
7	14,800	4,640	9,020	14,900	9,900	16,300	12,300	6,880	2,940	4,820	4,400	3,940
8	20,000	4,560	8,980	12,900	10,000	16,800	11,400	6,150	2,950	4,970	4,260	3,820
9	23,400	4,490	9,600	11,600	10,100	16,300	10,500	5,550	3,030	5,070	4,510	3,530
10	24,600	4,430	10,600	10,700	10,400	15,200	9,820	5,110	3,290	5,140	5,200	3,280
11	23,700	4,380	11,300	10,000	11,100	13,700	9,180	4,800	3,630	5,600	5,840	3,100
12	22,100	4,340	11,200	9,520	12,600	12,600	8,620	4,530	4,030	6,170	6,620	2,940
13	20,200	4,300	10,500	9,100	14,000	11,600	8,180	4,280	4,300	7,120	7,250	2,810
14	18,700	4,260	9,720	8,720	14,800	10,700	7,790	4,090	4,840	7,540	7,810	2,720
15	17,300	4,240	9,020	8,480	14,900	10,200	7,450	3,910	5,650	7,540	8,260	2,660
16	15,400	4,220	8,580	8,280	15,300	9,820	7,080	3,740	6,300	7,540	8,580	2,590
17	13,200	4,240	8,580	8,060	16,100	9,720	6,760	3,590	6,760	7,360	8,540	2,540
18	12,000	4,320	8,700	7,890	17,100	10,000	6,420	3,470	7,310	6,960	8,280	2,610
19	11,400	4,410	8,650	7,740	17,600	10,600	6,180	3,370	7,810	6,500	7,850	2,670
20	11,400	4,610	8,400	7,670	17,600	11,600	6,150	3,290	8,380	6,030	7,380	2,800
21	11,400	4,660	8,040	7,670	17,700	12,800	6,060	3,210	8,980	5,420	6,900	2,800
22	11,100	4,680	7,740	7,680	17,900	13,700	5,930	3,180	8,980	5,220	6,700	2,700
23	10,500	4,820	7,470	7,580	19,700	17,300	6,620	3,080	9,080	4,180	5,810	2,700
24	9,780	5,180	7,220	7,770	20,000	19,500	7,240	3,080	8,400	3,760	5,380	2,770
25	8,880	5,940	7,100	7,830	19,400	20,400	8,000	3,110	7,590	3,560	5,040	2,880
26	8,140	6,450	7,100	8,160	18,000	19,800	8,440	3,150	6,570	3,510	4,750	2,850
27	7,500	7,220	8,140	8,820	16,600	18,400	8,540	3,150	5,660	3,630	4,410	2,920
28	6,960	8,480	19,300	9,950	15,000	17,400	8,500	3,110	5,100	3,900	4,030	3,150
29	6,500	10,400	35,300	11,100	-----	15,700	9,320	3,050	4,970	3,990	3,740	3,370
30	6,110	11,900	39,500	11,800	-----	14,700	11,300	3,020	5,000	3,960	3,590	3,750
31	5,780	-----	38,000	11,800	-----	15,000	-----	3,050	-----	3,980	3,570	-----
TOTAL	379,740	161,740	384,560	387,320	399,730	442,640	292,450	159,540	160,390	161,650	175,510	95,400
MEAN	12,250	5,391	12,410	12,490	14,280	14,280	9,748	5,146	5,346	5,215	5,662	3,180
MAX	24,600	11,900	39,500	34,300	20,000	20,400	17,100	12,400	9,300	7,540	8,580	4,010
MIN	4,860	4,220	7,100	7,580	9,780	9,720	6,060	3,020	2,940	3,510	3,570	2,580
CFSM	2.79	1.23	2.83	2.86	3.26	3.26	2.22	1.17	1.22	1.19	1.29	.73
IN.	3.22	1.37	3.26	3.29	3.39	3.75	2.48	1.35	1.36	1.37	1.49	.81

CAL YR 1964: TOTAL 4,436,790 MEAN 8,120 MAX 40,100 MIN 3,180 CFSM 2.77 IN 37.66
 MAY YR 1965: TOTAL 3,200,670 MEAN 8,169 MAX 39,500 MIN 2,580 CFSM 2.00 IN 27.16

COASTAL BASINS BETWEEN CHOCTAWHATCHEE RIVER AND YELLOW RIVER

2-3670 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

Records available --April 1951 to September 1965

Gage --Digital water-stage recorder Datum of gage is 19.65 ft above mean sea level, datum of 1929 Prior to July 21, 1964, graphic water-stage recorder at same site and datum

Average discharge --14 years, 158 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (800 cfs revised), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
June 21, 1961	0930	* 1,280	15.38	Aug 15, 1963	0830	864	14.48	Aug 9, 1964	1030	800	14.14
Dec 11, 1961	1130	2,140	16.25	Sept 29, 1963	0030	* 2,370	16.46	Aug 22, 1964	0215	* 2,430	16.45
Dec 13, 1961	1130	980	14.87	Jan 9, 1964	1000	1,610	15.77	Sept 12, 1964	1045	1,390	15.48
Jan 6, 1962	1330	* 3,000	16.98	Mar 3, 1964	1500	932	14.58	Oct 4, 1964	0945	* 5,040	17.53
Apr 1, 1962	0630	1,690	15.83	Mar 15, 1964	0130	1,460	15.60	Dec 25, 1964	1945	4,140	17.24
Jan 20, 1963	2300	1,040	15.00	Apr 28, 1964	0030	2,020	16.15	Apr 28, 1965	0030	1,290	15.32
July 25, 1963	1300	1,620	15.76	May 3, 1964	0500	822	14.22				
				July 22, 1964	1530	886	14.45				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	June 8, 1961	70	7.05	1964	Nov 22, 1963	82	b 7.46
1962	Sept 2, 1962	48	6.64	1965	June 4, 1965	81	7.37
1963	Nov 1, 1962	44	a 6.67				

a Occurred June 15, 1963

b Occurred July 9, 11, 1964

1951-65 Maximum discharge, 9,020 cfs (revised) Sept 26, 1953 (gage height, 18.47 ft), from rating curve extended above 3,400 cfs, minimum, 27 cfs June 9, 21, 22, 30, July 1, 1955, minimum gage height, 5.93 ft June 22, 1955

Revisions --The maximum discharge for the water year 1953 has been revised to 9,020 cfs Sept 26, 1953 (gage height, 18.47 ft), superseding figure published in WSP 1274

Remarks --Records fair

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	152	110	107	166	109	144	206	133	83	137	115	284
2	139	93	95	108	105	249	146	226	82	130	109	257
3	130	90	90	96	128	155	132	152	79	123	200	217
4	126	87	88	90	117	134	133	127	78	127	387	186
5	125	95	84	87	104	127	121	119	76	265	205	168
6	142	102	83	86	123	119	130	114	74	179	302	157
7	222	90	81	84	281	117	218	112	73	151	598	152
8	208	89	80	99	194	117	138	110	72	207	586	162
9	146	89	79	110	139	111	122	180	74	403	303	172
10	132	90	78	90	124	102	121	218	84	251	231	182
11	122	93	132	86	116	101	111	136	82	200	207	201
12	117	92	120	84	110	101	309	125	74	179	200	170
13	116	89	91	97	106	101	498	115	80	161	187	182
14	112	88	87	165	103	111	249	109	86	143	216	183
15	110	85	95	112	99	95	298	108	102	134	317	269
16	111	84	109	97	96	93	385	104	118	135	250	171
17	107	86	90	90	94	109	242	99	90	161	187	146
18	104	95	85	87	107	335	194	96	82	142	170	133
19	103	90	83	86	290	267	172	93	82	129	157	129
20	110	96	83	96	167	273	160	90	313	119	149	125
21	107	95	130	87	131	215	151	93	1,010	123	149	119
22	104	86	117	84	122	169	145	116	515	220	145	114
23	102	112	95	84	321	141	142	96	234	166	165	110
24	99	138	90	92	262	127	138	122	257	142	168	106
25	98	101	87	148	191	118	135	147	238	129	250	104
26	95	94	86	211	156	113	132	138	244	161	412	102
27	92	92	84	210	137	112	144	125	200	292	299	107
28	90	90	89	131	131	167	237	102	172	190	205	98
29	89	149	83	156	-----	244	142	93	152	145	175	94
30	89	180	102	134	-----	247	126	89	145	127	181	93
31	98	-----	113	115	-----	192	-----	85	-----	127	376	-----
TOTAL	3,698	2,970	2,916	3,468	4,163	4,806	5,582	3,772	5,051	5,298	7,601	4,693
MEAN	119	99.0	94.1	112	149	155	186	122	168	171	245	156
MAX	222	180	132	211	321	335	498	226	1,010	403	598	284
MIN	89	84	78	84	94	93	111	85	72	119	109	93
CFSM	1.82	1.51	1.43	1.71	2.27	2.36	2.84	1.85	2.57	2.61	3.74	2.38
IN.	2.10	1.68	1.65	1.97	2.36	2.72	3.16	2.14	2.86	3.00	4.31	2.66

CAL YR 1960: TOTAL 63,779

MEAN 174

MAX 1,520

MIN 72

CFSM 2.66

IN 36.16

MAT YR 1961: TOTAL 54,018

MEAN 148

MAX 1,010

MIN 72

CFSM 2.26

IN 30.62

COASTAL BASINS BETWEEN CHOCTAWHATCHEE RIVER AND YELLOW RIVER

2-3670 Alaqua Creek near De Funiak Springs, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	245	90	129	335	212	260	226	384	177	118	198	188
2	212	107	117	173	191	300	215	525	124	111	396	178
3	188	94	129	147	183	744	208	680	120	103	245	172
4	169	91	115	141	180	507	215	385	117	110	175	188
5	157	97	107	168	226	380	198	304	116	123	158	176
6	148	208	102	246	294	291	206	272	263	103	241	192
7	142	117	99	630	212	258	289	252	172	94	373	192
8	135	99	105	550	304	244	246	240	138	90	424	162
9	129	94	108	1,410	228	240	224	231	130	96	750	153
10	124	109	96	760	200	264	192	223	160	94	636	148
11	121	100	94	393	188	226	180	214	131	119	564	383
12	118	91	126	537	177	210	174	206	175	232	486	1,170
13	115	86	428	504	176	199	209	208	119	156	393	662
14	113	86	704	323	184	243	862	197	112	120	296	311
15	110	87	423	288	188	293	1,100	184	110	109	236	252
16	108	87	215	290	268	250	484	177	108	107	217	224
17	106	87	146	581	192	208	311	170	109	103	220	208
18	102	85	149	503	427	193	272	164	103	126	228	197
19	100	84	137	323	432	229	249	159	101	131	213	192
20	99	84	130	320	246	652	234	153	100	124	326	180
21	98	83	130	274	220	411	220	151	102	244	396	169
22	96	82	129	251	216	257	210	146	101	732	1,410	163
23	94	148	132	245	202	234	204	145	97	456	894	158
24	96	216	128	238	190	244	198	146	104	339	897	154
25	97	112	120	264	243	282	200	228	118	573	442	146
26	96	100	116	248	232	520	274	176	121	312	311	142
27	93	99	113	220	335	560	740	148	119	268	269	144
28	91	130	114	223	696	302	1,320	138	122	417	242	142
29	88	401	111	205	367	332	642	134	208	279	225	140
30	85	200	108	199	-----	264	421	130	210	210	210	139
31	88	-----	228	199	-----	236	-----	129	-----	208	200	-----
TOTAL	3,763	3,554	5,108	11,188	7,409	9,833	10,723	6,999	3,887	6,417	12,221	7,015
MEAN	121	118	165	361	255	317	357	226	130	207	394	234
MAX	245	401	704	1,410	696	744	1,320	680	263	732	1,410	1,170
MIN	85	82	94	141	176	193	174	129	97	90	158	139
CFSM	1.85	1.81	2.51	5.50	3.89	4.84	5.45	3.44	1.98	3.16	6.01	3.56
IN.	2.13	2.01	2.90	6.34	4.20	5.57	6.08	3.97	2.20	3.64	6.93	3.98

CAL YR 1963: TOTAL 58,447

MEAN 160

MAX 1,420

MIN 52

CFSM 2.44

IN 33.13

WAT YR 1964: TOTAL 89,117

MEAN 281

MAX 1,410

MIN 82

CFSM 3.27

IN 49.96

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	247	143	136	249	194	173	749	184	85	197	272	150
2	188	141	135	235	195	464	212	167	85	187	297	180
3	574	140	134	236	174	476	197	159	85	426	168	150
4	2,520	138	168	229	167	257	186	152	84	308	150	130
5	1,160	136	156	210	160	223	180	143	93	395	164	119
6	607	132	136	207	233	204	170	138	119	223	144	110
7	368	131	126	201	312	193	164	134	167	191	137	110
8	334	132	124	192	247	186	160	129	108	223	196	100
9	302	127	121	191	262	179	156	124	103	267	280	100
10	278	124	120	206	210	174	151	121	160	212	202	95
11	257	124	120	214	189	172	148	118	206	268	186	93
12	245	124	139	186	205	170	145	114	255	363	280	90
13	235	124	132	180	422	178	139	112	149	425	202	90
14	299	127	118	178	537	187	132	107	357	281	153	90
15	487	122	112	172	405	165	129	105	476	211	137	90
16	363	120	112	176	280	156	129	104	300	182	140	110
17	251	121	112	170	300	153	123	103	344	181	167	100
18	223	118	110	166	289	387	121	101	635	152	172	94
19	205	118	107	164	237	437	164	100	281	140	183	90
20	196	169	107	168	212	496	376	97	192	134	176	85
21	186	147	110	181	200	320	195	97	165	127	150	100
22	180	126	117	163	191	234	196	96	157	124	148	120
23	174	143	118	229	182	216	150	96	137	117	126	110
24	167	387	114	464	188	208	143	106	153	116	117	100
25	165	387	1,370	289	263	198	173	109	286	135	115	95
26	161	232	1,390	215	192	229	185	99	186	256	115	90
27	160	165	804	192	178	454	560	94	351	229	114	85
28	158	160	468	176	171	503	835	95	336	185	140	110
29	153	169	332	172	-----	348	270	105	228	140	160	165
30	150	146	291	207	-----	248	207	94	172	137	140	300
31	147	-----	267	264	-----	254	-----	87	-----	137	130	-----
TOTAL	11,140	4,673	7,906	6,482	6,815	8,242	6,306	3,590	6,447	6,669	5,255	3,451
MEAN	359	156	255	209	243	266	210	116	215	215	170	115
MAX	2,520	387	1,390	464	537	503	835	184	635	426	297	300
MIN	147	118	107	163	160	153	121	87	84	116	114	85
CFSM	3.48	2.37	3.89	3.19	3.71	4.05	3.20	1.77	3.28	3.28	2.58	1.75
IN.	6.32	2.65	4.48	3.67	3.86	4.67	3.58	2.04	3.65	3.78	2.98	1.96

CAL YR 1964: TOTAL 99,411

MEAN 272

MAX 2,520

MIN 90

CFSM 4.14

IN 56.36

WAT YR 1965: TOTAL 76,976

MEAN 211

MAX 2,520

MIN 84

CFSM 3.21

IN 43.64

2-3678 Yellow River near Wing, Ala

Location --Lat 31°01', long 86°32', in sec 34, T 1 N, R 15 E, near right bank on downstream side of pier of bridge on Covington County Highway 4, between Wing and Lockhart, 1 mile north of Alabama-Florida State line, and 4 8 miles east of Wing

Drainage area --447 sq mi

Records available --June 1958 to September 1965

Gage --Digital water-stage recorder Datum of gage is 96 13 ft above mean sea level, datum of 1929

Prior to May 8, 1964, graphic water-stage recorder at present site and datum

Average discharge --7 years, 822 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (3,500 cfs revised), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 25, 1961	0200	4,380	12 00	Feb 20, 1962	1900	7,040	14 24	May 4, 1964	0400	4,780	12 40
Mar 20, 1961	1200	3,520	11 05	Apr 2, 1962	0830	* 11,200	16 38	Sept 14, 1964	0415	3,650	11 19
Apr 2, 1961	1100	5,930	13 42								
Apr 16, 1961	2100	* 7,660	14 65	Jan 22, 1963	0600	* 6,510	13 87	Oct 6, 1964	1630	3,850	11 41
June 22, 1961	1400	4,910	12 53					Feb 19, 1965	2315	* 3,860	11 42
Sept 2, 1961	1200	4,840	12 46	Jan 11, 1964	0300	4,220	11 82				
				Mar 5, 1964	1900	4,720	12 54				
Dec 14, 1961	0700	5,320	12 90	Apr 29, 1964	0200	* 7,200	14 35				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 9, 1960	186	2 10	1964	Oct 30, 1963	162	1 97
1962	Aug 7, 1962	128	1 67	1965	Sept 15, 1965	152	2 01
1963	June 17, 1963	117	1 75				

1958-65 Maximum discharge, 14,400 cfs Apr 5, 1960 (gage height, 17 50 ft), minimum, 117 cfs June 17, 1963

Remarks --Records good except those for period of no gage-height record, which are poor Records of chemical analyses for water years 1964-65 and water temperatures for water year 1965 are published in reports of the Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	601	207	449	704	608	1,660	4,580	965	315	737	134	1,940
2	430	222	407	804	571	2,260	5,660	1,360	292	489	302	3,790
3	348	222	325	747	544	2,720	4,600	1,580	274	754	344	4,280
4	302	209	282	580	564	2,320	2,810	1,330	260	583	652	2,830
5	298	197	268	460	560	1,670	1,860	1,020	248	546	723	2,100
6	336	193	258	405	587	1,310	1,540	807	239	513	1,090	1,480
7	610	191	258	380	1,050	1,160	1,760	708	526	1,470	1,020	
8	768	189	250	395	1,260	1,130	1,860	658	720	583	1,710	874
9	649	188	247	493	1,120	1,110	1,670	911	215	596	1,610	800
10	482	193	245	491	891	975	1,680	1,210	218	633	1,420	814
11	380	202	258	434	711	884	1,760	1,110	235	771	1,110	845
12	325	216	346	386	612	819	3,530	922	294	608	785	1,040
13	294	222	386	374	564	812	6,540	780	363	624	594	1,230
14	272	218	355	546	531	910	6,460	682	300	749	507	1,230
15	258	211	346	773	507	990	5,420	610	306	759	520	1,800
16	247	204	441	706	485	900	6,840	560	386	828	622	2,050
17	237	204	502	578	467	872	6,380	518	445	884	515	1,670
18	231	204	463	482	480	1,480	4,050	474	403	893	424	1,070
19	222	209	378	426	1,330	2,440	2,660	439	392	848	437	773
20	222	218	330	428	2,090	3,340	1,910	409	1,240	647	480	677
21	220	222	416	476	2,690	3,280	1,570	384	3,160	546	480	626
22	220	216	569	454	2,600	2,360	1,350	367	4,730	773	390	578
23	216	241	580	411	3,130	1,800	1,230	357	4,230	704	340	535
24	213	432	569	401	3,980	1,440	1,140	365	2,880	590	413	498
25	207	441	456	566	4,160	1,080	1,060	551	1,700	665	1,370	467
26	200	380	384	1,070	3,490	928	988	711	1,330	496	2,000	439
27	197	308	355	1,360	2,650	867	982	665	1,640	416	2,140	422
28	193	272	340	1,310	1,920	1,270	1,600	560	1,910	515	1,630	407
29	191	344	330	1,080	-----	2,150	1,600	463	1,340	636	978	395
30	191	426	395	831	-----	2,590	1,190	388	893	606	720	369
31	198	-----	489	680	-----	2,730	-----	344	-----	407	886	-----
TOTAL	9,758	7,401	11,677	19,231	40,312	50,257	86,280	22,208	30,686	19,925	26,996	36,999
MEAN	315	247	377	620	1,440	1,621	2,876	716	1,023	643	871	1,233
MAX	768	441	580	1,360	4,160	3,340	6,840	1,580	4,730	893	2,140	4,280
MIN	191	188	245	374	467	812	982	344	215	407	302	369
CFSM	.70	.55	.84	1.39	3.22	3.63	6.43	1.60	2.29	1.44	1.95	2.76
IN.	.81	.62	.97	1.60	3.35	4.18	7.18	1.85	2.55	1.66	2.25	3.08

CAL YR 1960: TOTAL 294,073 MEAN 803 MAX 14,100 CFSM 1.80 IN 24.47
WAT YR 1961: TOTAL 361,730 MEAN 991 MAX 16,840 MIN 188 CFSM 2.22 IN 30.16

2-3678 Yellow River near Wing, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	350	226	390	1,020	742	1,530	6,760	1,980	215	365	247	140
2	338	228	380	1,130	677	1,890	10,500	1,420	237	290	220	135
3	327	228	374	968	640	2,340	6,340	797	256	237	200	142
4	325	231	367	845	619	2,430	3,420	631	359	209	189	143
5	325	243	363	814	619	2,080	2,130	548	344	202	179	135
6	320	272	367	1,460	626	1,590	1,860	498	325	209	169	147
7	310	284	407	1,920	636	1,280	2,350	463	361	709	157	140
8	300	296	498	1,930	633	1,150	2,480	432	388	247	180	187
9	290	292	454	1,720	601	1,080	2,800	409	535	315	215	282
10	280	272	460	1,220	636	1,040	2,240	384	403	361	213	243
11	280	254	1,300	1,010	694	1,060	1,650	365	445	258	254	213
12	270	248	3,090	896	606	1,380	1,540	361	619	206	213	195
13	270	256	4,710	826	555	1,430	1,750	336	735	188	700	239
14	260	302	5,170	790	535	1,290	1,750	317	596	269	180	250
15	250	447	4,240	809	522	1,130	1,460	304	518	317	240	215
16	250	768	3,440	891	1,330	1,240	1,140	286	430	313	400	189
17	240	905	3,010	869	1,380	1,110	975	276	382	336	500	222
18	240	918	2,950	802	1,060	950	893	284	294	332	400	272
19	240	692	2,570	749	4,180	848	848	298	258	256	340	325
20	230	513	1,960	737	6,430	795	797	288	254	213	280	270
21	230	416	1,480	737	5,710	790	728	266	342	220	250	215
22	230	374	1,230	732	4,240	773	672	252	318	197	230	181
23	230	537	1,110	711	3,420	797	631	239	317	177	211	164
24	230	962	1,020	689	3,020	872	599	230	346	174	204	152
25	224	972	942	672	2,890	824	571	220	367	164	194	157
26	220	884	886	654	2,560	1,000	557	211	401	169	213	157
27	220	612	862	759	2,270	1,240	566	206	338	177	200	165
28	220	489	884	1,300	1,800	1,110	684	198	284	228	177	165
29	215	439	896	1,360	1,819	1,070	193	330	380	165	188	165
30	218	819	819	1,170	2,170	704	1,020	188	392	350	155	179
31	220	-----	804	896	-----	2,010	-----	197	-----	286	150	-----
TOTAL	8,152	13,971	47,433	31,086	49,631	38,582	62,481	13,077	11,405	7,849	7,133	5,797
MEAN	263	446	1,530	1,003	1,573	1,245	2,003	422	380	253	230	183
MAX	350	972	5,170	1,930	6,430	2,430	10,500	1,980	735	360	500	325
MIN	215	226	363	654	522	704	557	188	215	164	150	135
CFSM	.59	1.04	3.28	2.24	3.97	2.78	4.66	.84	.85	.57	.51	.43
IN.	.68	1.16	3.78	2.59	4.13	3.21	5.20	1.09	.95	.65	.59	.48

CAL YR 1961: TOTAL 402,450 MEAN 1,103 MAX 6,840 MIN 215 CFSM 2.47 IN 33.49
 WAT YR 1962: TOTAL 296,597 MEAN 813 MAX 10,500 MIN 135 CFSM 1.82 IN 24.68

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	184	153	321	800	1,100	896	424	274	290	766	900	363
2	359	155	403	670	1,020	896	407	266	230	898	684	302
3	513	157	401	600	1,000	864	392	241	190	578	562	260
4	661	155	336	500	1,050	812	382	222	170	401	478	235
5	608	155	280	463	935	776	372	211	160	407	407	216
6	449	157	266	480	836	1,010	401	204	150	370	361	204
7	328	157	264	576	766	1,330	772	226	150	317	323	193
8	268	170	298	578	706	1,380	1,140	218	140	286	348	184
9	325	224	382	529	665	1,090	1,120	211	140	319	330	179
10	315	239	441	467	633	886	862	193	133	553	310	174
11	298	254	414	467	1,030	804	617	181	147	560	300	169
12	256	248	344	1,030	2,310	764	511	176	164	443	470	164
13	222	224	300	1,620	3,120	744	463	179	167	330	780	160
14	204	218	278	1,780	3,090	754	434	184	150	264	1,200	164
15	193	220	276	1,700	2,220	888	403	184	133	298	1,760	203
16	186	209	274	1,020	1,340	930	367	200	125	403	1,570	282
17	181	191	298	776	1,060	893	340	188	133	599	920	239
18	174	189	323	740	958	778	330	181	170	610	672	218
19	169	195	315	926	1,700	692	319	246	215	474	491	198
20	164	216	288	2,680	2,540	638	306	272	392	439	418	182
21	164	280	268	5,020	2,540	596	290	218	601	352	487	170
22	181	380	286	6,240	1,960	560	278	200	737	414	452	169
23	182	465	319	4,890	1,310	531	266	250	1,240	524	407	162
24	188	463	379	3,270	1,210	500	256	370	1,140	465	372	152
25	186	386	783	1,960	1,420	485	245	344	792	996	325	145
26	174	302	1,290	1,420	1,320	487	237	276	566	2,160	288	140
27	164	258	1,250	1,270	1,130	590	230	228	564	3,200	264	150
28	160	239	980	1,240	970	626	231	206	881	3,050	266	351
29	158	231	1,100	1,090	-----	573	237	230	587	2,320	355	1,180
30	157	245	1,000	985	-----	507	248	355	716	1,920	418	1,580
31	153	-----	920	1,060	-----	454	-----	325	-----	1,300	422	-----
TOTAL	7,924	7,135	15,057	46,847	39,939	23,934	12,990	7,259	11,373	26,016	17,330	8,488
MEAN	254	238	486	1,511	1,256	772	430	232	360	813	540	274
MAX	661	465	1,290	6,240	3,120	1,530	1,140	370	1,240	3,200	1,760	1,580
MIN	153	153	264	463	633	454	230	176	125	264	264	140
CFSM	.57	.53	1.09	3.38	3.19	1.73	.96	.52	.85	1.88	1.25	.63
IN.	.66	.59	1.25	3.90	3.32	1.99	1.07	.60	.95	2.16	1.44	.71

CAL YR 1962: TOTAL 257,157 MEAN 705 MAX 10,500 MIN 135 CFSM 1.58 IN 21.40
 WAT YR 1963: TOTAL 224,212 MEAN 614 MAX 6,240 MIN 125 CFSM 1.37 IN 18.65

YELLOW RIVER BASIN

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2-3678 Yellow River near Wing, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,520	190	1,060	828	1,080	1,410	705	2,710	298	486	1,340	458
2	870	210	833	958	1,070	1,260	674	3,020	294	426	1,300	422
3	564	200	617	874	993	2,130	659	4,070	286	406	1,020	392
4	430	190	509	713	894	3,440	662	4,590	272	442	957	372
5	370	180	447	622	850	4,530	657	3,440	290	428	758	372
6	330	200	407	684	946	4,160	642	2,080	384	526	1,870	376
7	300	233	380	1,350	967	2,940	731	1,360	466	418	2,010	372
8	280	254	369	1,870	1,080	2,000	978	1,120	466	336	1,940	367
9	260	239	382	2,880	1,160	1,520	1,270	988	404	284	2,160	342
10	250	224	403	3,810	1,010	1,370	1,200	897	330	262	2,300	320
11	230	211	395	4,060	850	1,300	902	825	290	282	2,240	474
12	220	200	376	3,360	753	1,170	705	810	266	286	2,170	1,800
13	220	193	584	2,140	707	1,040	731	1,520	258	991	2,240	3,110
14	210	188	1,320	1,580	717	959	1,560	1,760	254	1,480	1,950	3,530
15	200	182	1,720	1,280	758	975	2,440	1,360	242	1,470	1,560	2,660
16	190	179	1,610	1,110	874	1,070	2,940	980	232	1,070	1,200	1,370
17	180	176	1,260	1,250	871	1,030	2,640	774	280	746	1,110	889
18	170	176	896	1,490	1,280	928	1,600	657	248	652	1,480	724
19	170	179	716	1,370	2,000	879	1,060	585	294	642	2,030	750
20	170	179	622	1,600	2,170	1,570	889	530	292	832	2,080	772
21	180	179	585	2,070	1,780	2,140	786	488	246	1,530	1,660	628
22	170	177	573	1,910	1,220	2,050	700	462	282	2,110	1,740	550
23	170	323	560	1,440	967	1,510	654	446	290	2,090	2,070	497
24	170	467	546	1,160	861	1,080	630	430	344	1,390	1,710	458
25	180	458	522	1,430	970	985	607	416	352	1,180	1,420	424
26	190	469	498	2,370	1,400	1,220	739	398	376	1,320	1,110	390
27	180	454	478	2,630	1,410	1,340	3,900	380	312	1,180	876	370
28	170	549	460	1,990	1,770	1,200	6,020	356	456	1,300	722	360
29	170	1,180	443	1,430	1,720	991	6,700	312	858	2,070	618	360
30	170	1,320	428	1,160	-----	835	4,740	316	574	2,010	552	398
31	170	-----	476	1,050	-----	743	-----	304	-----	1,690	497	-----
TOTAL	9,054	9,559	20,475	52,469	33,228	49,775	49,121	38,404	10,186	30,335	46,690	24,302
MEAN	292	319	660	1,693	1,146	1,606	1,637	1,239	340	979	1,506	810
MAX	1,520	1,320	1,720	4,060	2,170	4,530	6,700	4,590	858	2,110	2,300	3,530
MIN	170	176	369	622	707	743	607	304	232	262	406	320
CFSM	.45	.71	1.48	3.79	2.56	3.59	3.66	2.77	.76	2.19	1.37	1.81
IN.	.75	.80	1.70	4.37	2.76	4.14	4.09	3.20	.85	2.52	3.88	2.02

CAL YR 1963 TOTAL 233,184 MEAN 639 MAX 6,260 MIN 125 CFSM 1.43 IN 19.40
 MAY YR 1964: TOTAL 373,598 MEAN 1,021 MAX 6,700 MIN 170 CFSM 2.28 IN 31.08

Note --No gage-height record Oct 4 to Nov 6, 1964

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	537	400	744	975	749	978	1,310	443	252	243	371	289
2	561	388	654	905	863	1,330	1,110	441	218	739	372	780
3	897	379	612	879	1,120	1,900	990	376	198	211	448	236
4	1,600	374	733	900	975	1,910	903	353	189	245	371	289
5	2,980	369	1,200	824	807	1,700	838	334	264	357	291	299
6	3,740	364	1,210	761	893	1,370	790	319	478	443	251	254
7	3,340	399	978	728	1,880	1,150	737	309	407	420	312	230
8	2,210	358	768	701	2,390	993	694	296	330	393	519	203
9	1,290	358	659	680	2,340	918	656	284	284	571	729	186
10	946	358	612	694	1,830	879	624	276	276	713	1,020	176
11	801	353	591	737	1,270	915	596	264	294	585	901	169
12	712	349	618	708	1,150	945	571	256	319	675	639	164
13	652	396	753	656	1,630	930	544	245	330	597	526	160
14	652	506	766	626	2,020	950	491	235	401	504	605	158
15	910	566	671	606	2,110	978	484	226	460	422	703	154
16	1,270	532	582	647	1,860	886	459	218	500	418	527	161
17	1,230	463	541	701	1,940	797	436	211	504	396	414	199
18	1,000	427	542	659	2,920	833	419	207	540	327	373	204
19	785	408	567	599	3,640	1,280	454	202	432	278	386	220
20	652	439	551	569	3,620	1,640	725	200	334	244	422	203
21	578	561	541	560	2,770	1,790	1,010	197	274	221	417	182
22	532	563	549	553	1,860	1,300	915	197	235	209	405	179
23	504	577	563	642	1,440	985	675	209	213	210	400	175
24	484	976	553	1,240	1,280	903	553	200	218	215	349	168
25	463	1,560	1,390	1,530	1,210	869	536	197	208	209	289	169
26	449	1,860	2,340	1,350	1,180	879	731	193	202	231	253	216
27	441	1,770	2,640	1,110	1,100	1,770	831	193	239	243	229	238
28	435	1,380	2,630	869	1,010	1,760	768	250	300	247	216	220
29	431	1,060	2,140	737	-----	2,130	659	353	278	406	244	210
30	420	885	1,620	694	-----	2,040	526	361	243	195	320	1,040
31	411	-----	1,090	754	-----	1,760	-----	309	-----	158	337	-----
TOTAL	31,913	19,338	30,208	24,594	47,837	38,968	21,035	8,314	9,418	11,223	13,639	6,999
MEAN	1,029	645	974	793	1,708	1,257	701	268	314	362	440	233
MAX	3,740	1,860	2,640	1,530	3,640	2,130	1,310	443	540	713	1,020	1,040
MIN	411	349	541	553	749	797	419	193	189	209	216	154
CFSM	2.30	1.44	2.18	1.77	3.82	2.81	1.57	.60	.70	.91	.98	.52
IN.	2.66	1.61	2.51	2.05	3.98	3.24	1.75	.69	.78	.93	1.13	.58

CAL YR 1964: TOTAL 415,969 MEAN 1,137 MAX 6,700 MIN 232 CFSM 2.54 IN 34.61
 MAY YR 1965: TOTAL 263,486 MEAN 722 MAX 3,740 MIN 154 CFSM 1.61 IN 21.92

2-3680 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 6½ miles upstream from Shoal River

Drainage area --624 sq mi

Records available --July 1938 to September 1965

Gage --Water-stage recorder Datum of gage is 45 00 ft above mean sea level, datum of 1929 Prior to Dec 6, 1939, staff gage at same site and datum

Average discharge --27 years, 1,156 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Apr 18, 1961	8,890	10 49	Nov 10, 1960	343	2 08
1962	Apr 3, 1962	12,100	11 58	Sept 1-3, 5, 1962	272	1 70
1963	Jan 23, 1963	7,710	10 08	June 17, 1963	200	1 34
1964	Apr 30, 1964	8,830	10 51	Oct 30, 1963	288	1 58
1965	Feb 21, 1965	4,600	8 80	Sept 16, 1965	314	1 78

1938-65 Maximum discharge, 28,000 cfs Dec 6, 1953 (gage height, 15 13 ft), minimum, 143 cfs Oct 25, 1954, minimum gage height, 1 06 ft Sept 16, 17, 1956
Flood in 1929 reached a stage of 26 2 ft, from information by local residents

Remarks --Records good except those for water years 1961 and 1965, which are fair Records of chemical analyses for the 1962 and 1965 water years and of water temperatures for the 1965 water year are published in reports of the Geological Survey

Revisions (water years) --WSP 892 1938-39 WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	943	412	610	892	1,080	3,170	3,060	1,720	544	1,610	723	1,970
2	820	401	616	976	925	2,860	3,640	1,700	520	1,210	645	1,950
3	651	401	572	1,020	862	2,700	6,090	1,700	494	1,020	709	2,660
4	575	395	506	985	817	2,870	6,170	1,800	474	1,030	761	4,780
5	555	379	471	829	811	3,030	4,350	1,760	460	937	934	4,250
6	720	365	451	694	880	2,670	3,020	1,550	443	859	1,320	3,080
7	1,310	351	446	630	1,280	2,120	2,440	1,250	429	796	1,820	2,460
8	1,470	346	443	645	1,610	1,740	2,180	1,060	421	817	2,440	1,910
9	1,290	346	437	688	1,680	1,580	2,130	1,080	415	907	2,690	1,600
10	1,060	343	429	726	1,610	1,510	2,110	1,340	432	979	2,460	1,420
11	814	356	437	712	1,410	1,410	1,980	1,520	435	955	2,180	1,280
12	674	367	477	651	1,160	1,290	1,620	1,490	440	1,050	1,890	1,270
13	616	373	541	616	958	1,220	4,910	1,330	517	961	1,470	1,310
14	572	381	558	671	868	1,190	6,880	1,140	546	925	1,140	1,490
15	544	370	593	805	817	1,200	8,430	973	567	1,030	1,210	1,670
16	523	362	660	949	781	1,240	7,940	871	703	1,250	1,020	2,110
17	503	362	674	931	761	1,300	8,370	793	683	1,300	979	2,390
18	483	365	680	808	856	1,560	8,430	729	660	1,540	859	2,340
19	471	365	639	703	1,370	1,800	6,200	674	651	1,520	814	1,900
20	471	365	572	660	1,820	2,290	4,120	633	1,410	1,320	811	1,360
21	460	370	616	657	2,260	2,940	2,970	599	3,470	1,100	814	1,090
22	446	376	706	674	2,610	3,670	2,340	578	4,760	904	835	958
23	440	423	770	654	3,820	3,400	1,950	558	5,120	1,070	787	859
24	432	520	784	645	4,760	2,670	1,700	552	5,620	1,140	732	787
25	423	613	749	784	4,710	2,080	1,570	593	5,930	964	991	732
26	409	604	662	1,160	5,100	1,680	1,460	752	3,210	937	1,420	691
27	398	541	596	1,380	4,600	1,390	1,400	889	2,340	832	1,970	660
28	390	486	558	1,590	3,760	1,350	1,440	844	1,930	895	2,370	630
29	381	506	544	1,680	-----	1,560	1,450	738	1,980	1,030	2,380	599
30	373	587	593	1,610	-----	2,080	1,640	648	2,050	1,020	2,030	570
31	393	-----	697	1,360	-----	2,720	-----	584	-----	916	2,040	-----
TOTAL	19,610	12,431	18,087	27,785	53,976	64,290	112,990	32,528	47,654	32,824	43,244	50,776
MEAN	633	414	583	896	1,928	2,074	3,766	1,049	1,588	1,059	1,395	1,693
MAX	1,470	613	784	1,680	5,100	3,670	8,430	1,800	5,930	1,610	2,690	4,780
MIN	373	343	429	616	761	1,190	1,400	552	415	796	645	570
CFSM	1.01	.66	.74	1.44	3.09	3.32	6.04	1.68	2.55	1.70	2.24	2.71
IN.	1.17	.74	1.08	1.66	3.22	3.83	6.73	1.94	2.84	1.96	2.58	3.03

CAL YR 1960: TOTAL 443,718 MEAN 1,212 MAX 15,800 MIN 343 CFSM 1.94 IN 26.45
WAT YR 1961: TOTAL 516,195 MEAN 1,414 MAX 8,430 MIN 343 CFSM 2.27 IN 30.76

2-3680 Yellow River at Milligan, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	532	347	535	1,150	1,360	2,520	4,960	1,970	468	610	468	281
2	505	349	511	1,250	1,100	2,300	7,600	2,150	526	569	425	272
3	490	349	498	1,370	948	2,300	11,600	2,040	547	504	388	274
4	482	361	485	1,350	886	2,510	9,470	1,490	531	450	370	281
5	472	363	482	1,270	862	2,700	5,820	1,030	582	468	358	281
6	462	371	472	1,640	856	2,640	3,570	867	564	696	350	310
7	452	410	475	1,800	844	2,300	2,580	804	539	555	335	332
8	442	403	502	2,050	841	1,880	2,490	762	545	499	335	338
9	478	399	568	2,220	844	1,610	2,760	723	621	486	382	342
10	448	395	688	2,230	902	1,480	3,060	690	759	515	400	400
11	408	387	1,150	1,970	909	1,420	2,990	657	684	520	372	375
12	399	377	1,410	1,570	902	1,400	2,470	643	726	452	390	345
13	389	373	2,230	1,340	826	1,450	2,060	635	897	418	358	342
14	387	420	4,230	1,210	766	1,590	1,990	604	1,160	398	322	382
15	377	586	6,580	1,140	736	1,800	2,020	580	993	623	315	390
16	367	703	6,710	1,130	1,250	1,750	1,940	561	948	552	412	368
17	367	847	5,330	1,160	2,510	1,610	1,680	545	711	610	518	422
18	361	968	4,140	1,170	2,620	1,510	1,460	528	629	545	643	480
19	357	1,020	3,600	1,110	2,710	1,370	1,310	526	635	510	539	458
20	349	865	3,370	1,050	7,690	1,220	1,220	531	599	448	442	455
21	347	637	2,820	1,000	7,910	1,130	1,160	512	657	408	420	400
22	347	532	2,260	986	7,970	1,090	1,090	493	643	400	473	350
23	347	634	1,780	972	6,200	1,130	1,020	475	657	375	460	318
24	347	865	1,520	951	4,990	1,150	957	741	741	352	430	298
25	351	1,020	1,380	930	4,210	1,170	915	442	684	358	385	288
26	353	1,120	1,280	898	3,730	1,150	891	430	635	370	358	298
27	345	1,080	1,200	1,020	3,340	1,170	879	418	618	385	362	375
28	347	808	1,180	1,280	2,890	1,330	981	408	580	378	348	315
29	347	622	1,180	1,420	---	1,420	1,380	400	666	488	322	300
30	347	568	1,170	1,570	---	1,240	1,690	390	638	604	305	312
31	347	---	1,130	1,560	---	1,670	---	388	---	531	293	---
TOTAL	12,349	18,185	60,866	41,767	71,602	51,010	84,013	23,150	20,183	15,077	12,278	10,332
MEAN	398	606	1,963	1,347	2,357	1,645	2,800	747	673	486	396	344
MAX	532	1,120	6,710	2,230	7,970	2,700	11,600	2,150	1,160	6,700	643	480
MIN	345	347	472	898	736	1,090	879	388	468	352	293	272
CFSM	.64	.97	3.15	2.16	4.10	2.64	4.49	1.20	1.08	.78	.63	.55
IN.	.74	1.08	3.63	2.49	4.27	3.04	5.01	1.38	1.20	.90	.73	.62

CAL YR 1961: TOTAL 557,467 MEAN 1,527 MAX 8,430 MIN 365 CFSM 2.45 IN 33.22
WAT YR 1962: TOTAL 420,812 MEAN 1,153 MAX 11,600 MIN 272 CFSM 1.88 IN 25.68

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	310	279	398	1,520	1,460	1,570	700	544	450	865	2,320	607
2	398	277	445	1,420	1,490	1,420	670	476	393	910	1,740	547
3	615	281	491	1,150	1,500	1,330	649	450	336	996	1,180	488
4	891	279	880	1,460	1,290	1,290	631	424	296	787	844	433
5	828	279	448	778	1,430	1,230	613	393	269	592	718	399
6	720	274	415	745	1,390	1,260	625	377	253	586	628	374
7	564	277	398	766	1,260	1,370	757	385	239	562	559	355
8	465	310	408	826	1,140	1,620	965	388	228	506	511	399
9	422	420	460	826	1,040	1,820	1,220	374	220	682	595	326
10	450	410	496	775	977	1,710	1,330	361	234	634	736	312
11	432	385	528	760	1,490	1,430	1,240	342	226	724	652	301
12	412	395	507	1,260	2,170	1,230	889	323	234	703	595	291
13	385	398	460	1,540	2,480	1,140	745	427	269	601	682	282
14	358	370	425	1,740	3,100	1,100	688	404	266	503	748	315
15	340	352	410	1,950	3,740	1,110	652	369	234	497	922	304
16	330	355	405	2,100	3,520	1,190	619	350	210	577	1,250	339
17	322	350	410	2,000	2,680	1,270	583	347	258	634	1,680	396
18	310	348	425	1,560	1,920	1,250	556	336	439	742	1,640	366
19	302	358	438	1,320	1,800	1,140	535	401	574	772	1,070	342
20	295	355	432	1,580	2,040	1,020	520	471	598	673	754	315
21	300	415	415	2,540	2,640	926	500	494	658	640	685	296
22	348	566	405	4,740	3,080	871	485	416	1,010	637	709	299
23	335	561	425	7,320	2,970	838	468	410	1,310	655	724	285
24	312	569	465	6,900	2,530	802	453	445	1,440	766	670	261
25	308	558	927	5,150	2,090	772	436	506	1,560	1,160	592	247
26	302	496	1,270	3,650	1,980	778	421	479	1,320	1,540	526	242
27	295	435	1,420	2,610	1,940	790	416	458	1,970	1,476	476	301
28	286	402	1,580	2,010	1,780	850	404	382	811	2,620	453	739
29	286	388	1,700	1,760	---	862	404	361	996	3,500	523	1,170
30	286	385	1,610	1,660	---	811	456	390	835	3,360	574	1,250
31	284	---	1,510	1,530	---	751	---	476	---	2,790	631	---
TOTAL	12,491	11,527	20,614	65,366	57,077	35,551	19,634	12,717	17,064	33,124	26,387	12,521
MEAN	403	384	665	2,109	2,038	1,147	654	410	569	1,069	851	417
MAX	891	569	1,700	7,320	3,740	1,820	1,330	544	1,560	3,500	7,320	1,250
MIN	284	274	398	745	977	751	404	323	210	497	453	242
CFSM	.65	.62	1.07	3.38	3.27	1.84	1.05	.66	.91	1.71	1.36	.67
IN.	.74	.69	1.23	3.90	3.40	2.12	1.17	.76	1.02	1.97	1.57	.75

CAL YR 1962 TOTAL 374,044 MEAN 1,025 MAX 11,600 MIN 272 CFSM 1.64 IN 22.29
WAT YR 1963 TOTAL 324,073 MEAN 888 MAX 7,320 MIN 210 CFSM 1.42 IN 19.31

2-3683 Baggett Creek near Milligan, Fla

Location --Lat 30°43'40", long 86°39'35", in SW 1/4 sec 28, T 3 N, R 24 W, at left downstream side of bridge on U S Highway 90, 1 1/2 miles upstream from mouth and 2 miles southeast of Milligan, Okaloosa County

Drainage area --7 77 sq mi

Records available --October 1964 to September 1965

Gage --Water-stage recorder Datum of gage is at mean sea level

Extremes --Maximum and minimum discharges for the water year 1965 are contained in the following Table

Water year	Maximum				Minimum		
	Date	Time	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1965	Dec 25, 1964	0800	356	61 47	May 22, 1965	15	57 00
	July 8, 1965	1300	306	61 05			
	Aug 19, 1965	1600	256	60 65			
	Sept 30, 1965	0430	* 368	61 57			

Remarks --Records fair

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT	NOV	DEC	JAN	FEB.	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
1	26	21	22	26	23	25	24	19	17	28	34	26
2	23	21	22	25	30	51	23	19	17	29	27	24
3	28	22	22	28	22	25	22	19	16	25	23	24
4	70	22	23	25	22	24	22	18	18	23	25	30
5	68	21	23	25	21	23	22	18	19	22	24	29
6	32	21	22	24	70	22	21	18	24	23	23	22
7	23	21	22	24	38	22	21	18	27	28	27	21
8	22	21	22	24	31	22	21	18	20	124	28	21
9	22	21	22	24	26	22	21	18	18	77	30	21
10	22	21	21	25	24	23	21	17	24	36	35	21
11	22	21	22	23	23	22	20	18	34	29	27	21
12	22	21	26	23	26	22	20	17	24	30	27	21
13	22	24	22	23	34	23	20	17	21	52	23	21
14	29	22	21	23	37	23	20	17	44	31	22	21
15	25	21	21	23	25	21	20	17	35	27	21	20
16	23	21	21	23	28	21	20	17	34	26	22	20
17	23	21	21	22	50	22	19	17	91	26	63	20
18	23	21	21	22	37	36	19	17	36	25	32	20
19	22	21	21	22	25	25	37	16	26	24	87	21
20	22	18	21	23	24	30	52	16	24	23	43	21
21	22	22	22	22	24	22	23	16	23	24	33	20
22	22	21	22	22	23	22	22	16	23	23	26	19
23	22	29	21	48	23	22	22	18	24	23	24	21
24	22	53	21	34	24	22	20	52	42	23	24	21
25	22	75	193	24	23	22	22	32	30	24	24	10
26	22	26	46	24	22	54	21	20	27	25	23	19
27	22	24	30	22	22	41	51	18	28	24	22	21
28	22	26	28	22	22	31	23	22	57	23	27	26
29	22	25	27	22	-----	25	20	21	30	26	28	34
30	22	23	27	33	-----	23	20	18	24	25	23	210
31	21	-----	26	26	-----	27	-----	17	-----	29	22	-----
TOTAL	810	757	901	776	799	815	709	601	877	977	919	856
MEAN	26.1	25.2	29.1	25.0	28.5	26.3	23.6	19.4	29.2	31.5	29.6	28.5
MAX	70	75	193	48	70	54	52	52	91	124	87	210
MIN	21	21	21	22	21	21	19	16	16	22	21	19
CFSM	3 35	3 23	3.73	3 21	3 65	3 37	3 03	2 49	3 74	4 04	3 79	3 65
IN	3 86	3 61	4 30	3 70	3 81	3 89	3 38	2 87	4 18	4 66	4 38	4 08

CAL YR 1964: MAX - MIN - MEAN - CFSM 3 44 IN 46 71
 WAT YR 1965: MAX 210 MIN 16 MEAN 26 8 CFSM 3 44 IN 46 71

YELLOW RIVER BASIN

2-3685 Shoal River near Mossy Head, Fla

Location --Lat 30°47'45", long 86°18'25", in SW¹/₄ 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

Records available --March 1951 to September 1965

Gage --Digital water-stage recorder Datum of gage is 105.59 ft above mean sea level, datum of 1929 Prior to July 24, 1956, graphic water-stage recorder at site of former bridge 300 ft north at same datum July 24, 1956, to July 21, 1964, graphic water-stage recorder at present site and datum

Average discharge --14 years, 237 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,200 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Apr 12, 1961	2200	* 2,240	14 26	Feb 12, 1963	0830	2,280	14 33	May 3, 1964	1200	1,240	10 26
Jun 21, 1961	1300	1,660	12 76	Sept 29, 1963	0200	* 2,880	15 42	Aug 8, 1964	2230	1,390	10 91
Jan 6, 1962	1500	2,830	15 33	Jan 9, 1964	1600	2,260	13 57	Sept 12, 1964	1645	1,800	12 27
Feb 16, 1962	2000	1,420	12 09	Mar 3, 1964	1100	2,500	13 66	Oct 4, 1964	2100	2,800	14 79
Feb 20, 1962	0400	1,270	11 42	Apr 15, 1964	0530	2,070	13 09	Dec 26, 1964	0030	* 9,670	22 95
Apr 1, 1962	0430	* 5,660	19 21	Apr 27, 1964	2045	* 10,500	23 64	Apr 20, 1965	0815	1,390	10 91
								Aug 9, 1965	1415	1,210	10 17

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 16,17,23, 1960	108	4 81	1964	Nov 22,23, 1963	98	4 63
1962	Aug 29, 1962	61	a 4 46	1965	Sept 20,21, 1965	97	4 94
1963	Nov 8, 1962	56	a 4 36				

a Occurred Sept 30, 1962

1951-65 Maximum discharge, 10,500 cfs Apr. 27, 1964 (gage height, 23.64 ft), from rating curve extended above 4,500 cfs, minimum, 42 cfs June 9, 1956, minimum gage height, 3.13 ft Aug 30, Sept 9, 1951

Remarks --Records fair except those for periods of no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	256	146	178	296	200	346	528	239	147	194	179	660
2	234	133	190	229	192	598	372	264	142	181	162	486
3	217	127	141	186	200	467	300	248	136	171	155	381
4	207	122	134	170	197	339	262	226	132	174	203	375
5	202	120	130	160	181	300	237	208	126	191	390	291
6	214	118	124	154	202	274	248	197	122	173	557	319
7	321	116	121	149	482	256	359	187	120	165	768	323
8	291	115	118	173	442	244	301	182	118	174	694	310
9	242	115	115	186	319	229	256	307	121	165	437	339
10	217	116	112	163	253	210	241	416	176	152	343	294
11	203	116	264	155	227	197	226	309	121	142	283	303
12	195	115	227	150	208	189	1,370	246	118	165	253	274
13	189	114	163	160	195	190	1,660	217	115	142	231	282
14	182	114	146	260	187	205	744	200	114	155	262	292
15	178	109	171	217	181	187	656	187	141	160	640	412
16	178	108	212	182	173	176	1,010	176	176	168	496	294
17	171	130	176	166	168	210	708	166	133	241	321	264
18	165	134	152	157	241	524	482	157	122	219	280	239
19	160	121	146	152	830	508	406	150	130	192	269	226
20	162	114	142	154	498	458	361	142	576	157	248	217
21	157	112	208	149	357	393	325	136	1,570	147	231	212
22	152	109	203	139	323	318	298	133	978	186	234	203
23	147	157	163	134	634	265	280	138	528	187	219	195
24	142	198	149	139	660	234	265	269	420	154	220	189
25	138	149	146	208	454	212	255	433	364	141	397	182
26	133	130	141	425	350	198	242	294	325	162	872	178
27	132	122	138	460	294	195	285	231	301	312	612	174
28	130	121	133	327	265	321	370	190	260	486	420	173
29	127	214	128	280	-----	410	289	174	229	384	319	170
30	127	248	224	244	-----	518	248	163	207	260	291	165
31	136	-----	244	215	-----	553	-----	152	-----	205	534	-----
TOTAL	5,705	3,963	4,999	6,339	8,913	9,724	13,586	6,737	8,218	6,095	11,520	8,372
MEAN	184	132	161	204	318	314	453	217	274	197	372	278
MAX	321	248	264	460	830	598	1,660	433	1,570	486	872	660
MIN	127	108	112	134	168	176	226	133	114	141	155	165
CFSM	1.50	1.07	1.31	1.66	2.59	2.55	3.68	1.77	2.23	1.60	3.02	2.27
IN.	1.72	1.20	1.51	1.92	2.69	2.94	4.11	2.04	2.48	1.84	3.48	2.53

CAL YR 1960: TOTAL 106,845
 MAY YR 1961: TOTAL 94,171

MEAN 292

MEAN 258

MAX 3,240

MAX 1,660

MIN 108

MIN 108

CFSM 2.37

CFSM 2.10

IN 32.31

IN 28.47

2-3665 Shoal River near Mossy Head, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	160	102	100	202	186	231	4,250	246	97	98	84	66
2	155	100	98	197	174	437	1,340	214	102	91	80	67
3	152	100	97	176	166	514	766	194	102	84	76	80
4	150	115	92	165	160	350	102	102	74	74	69	69
5	147	114	91	264	160	283	450	170	98	81	76	64
6	144	109	91	2,240	157	249	390	158	97	103	74	70
7	141	134	91	1,540	147	227	403	152	96	160	71	78
8	139	116	90	760	141	210	406	144	92	114	109	112
9	136	104	88	528	144	198	366	138	108	94	242	85
10	133	100	174	431	190	192	318	134	128	84	116	76
11	130	100	600	359	163	190	296	132	124	77	90	73
12	128	97	562	309	144	189	289	132	118	77	80	70
13	127	96	798	278	138	178	283	128	116	78	77	69
14	126	110	524	260	133	165	264	124	154	139	76	70
15	122	171	492	251	128	424	242	121	133	192	74	70
16	120	149	518	242	1,020	406	229	120	115	200	78	67
17	118	134	412	229	1,000	267	217	116	104	124	78	102
18	116	120	337	215	492	214	208	116	100	106	74	198
19	115	114	287	203	880	195	200	114	96	94	70	121
20	112	109	248	198	1,050	184	192	109	91	88	73	94
21	110	103	220	190	551	179	182	110	96	90	74	83
22	109	100	203	184	416	170	174	118	109	83	78	80
23	108	163	194	179	361	217	170	109	103	81	76	77
24	104	165	184	178	343	203	163	104	104	102	77	76
25	104	127	174	176	330	184	158	103	124	91	70	78
26	103	114	168	171	301	181	158	100	126	108	66	84
27	102	109	170	255	271	168	160	100	127	126	64	87
28	100	106	208	388	248	155	226	98	116	103	63	78
29	100	103	187	298	-----	149	554	97	122	114	63	76
30	104	102	171	227	-----	141	354	96	110	109	84	73
31	104	-----	165	200	-----	1,290	-----	96	-----	94	74	-----
TOTAL MEAN 123 116 253 371 343 269 340 465 131 110 106 256 83.1												
MAX 160 171 798 2,240 1,050 1,290 4,250 246 154 200 242 198												
MIN 100 96 88 165 141 158 96 91 77 63 64												
CFSM 1.00 .94 2.05 3.01 2.79 3.78 2.07 .90 .86 .67 .68												
IN. 1.15 1.05 2.37 3.47 2.90 2.52 4.22 1.23 1.00 .99 .77 .75												

CAL YR 1961: TOTAL 94,443 MEAN 259 MAX 4,660 MIN 88 CFSM 2.11 IN 28.62
 MAT YR 1962: TOTAL 71,231 MEAN 203 MAX 4,290 MIN 63 CFSM 1.88 IN 22.44

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	74	57	88	182	173	239	109	152	96	321	480	136
2	94	57	80	163	166	242	106	106	90	303	442	126
3	97	57	73	150	176	226	103	92	85	283	403	121
4	91	59	70	141	174	224	103	88	84	265	366	116
5	84	57	67	134	163	224	100	85	81	248	330	112
6	77	57	70	139	150	258	109	85	80	229	310	108
7	74	57	69	144	144	214	168	149	78	212	292	103
8	74	84	69	134	136	205	149	133	76	298	273	100
9	73	179	69	125	123	197	122	98	73	425	309	98
10	78	102	69	122	127	189	114	87	73	540	532	96
11	74	81	69	150	730	179	108	83	81	386	361	94
12	70	78	69	559	1,970	171	104	81	85	241	234	91
13	67	80	69	403	934	176	102	127	94	224	197	88
14	64	76	69	249	536	182	96	118	92	222	251	92
15	64	73	67	195	403	178	92	110	85	256	584	94
16	64	69	67	176	321	170	91	96	94	239	390	91
17	63	67	67	168	282	163	91	90	120	363	241	90
18	60	64	67	197	262	158	90	91	435	309	219	88
19	60	64	66	220	557	155	90	251	674	253	242	84
20	59	66	63	750	500	152	87	285	688	236	262	81
21	61	98	63	860	345	144	84	217	559	269	262	80
22	70	152	61	536	291	138	84	165	692	471	214	102
23	67	103	60	355	282	133	81	170	1,000	412	219	91
24	63	84	63	278	271	130	83	142	690	508	194	80
25	61	77	450	244	352	127	80	127	433	788	176	76
26	60	74	366	222	280	133	78	114	381	976	162	74
27	60	71	222	219	262	134	80	106	343	956	152	88
28	60	71	154	208	242	124	80	130	361	694	146	1,290
29	60	71	291	189	-----	120	83	122	395	504	144	2,200
30	60	84	341	179	-----	115	115	112	341	406	139	910
31	59	-----	231	176	-----	112	-----	102	-----	425	149	-----
TOTAL MEAN 69.4 79.0 119 257 370 171 292 126 282 396 280 233												
MAX 97 179 450 860 1,970 258 168 285 1,000 976 584 2,200												
MIN 59 57 60 122 127 112 76 81 73 212 139 74												
CFSM .56 .64 .97 2.09 3.01 1.39 .81 1.03 2.29 3.22 2.28 1.90												
IN. .65 .72 1.12 2.41 3.13 1.61 .90 1.18 2.56 3.71 2.62 2.17												

CAL YR 1962: TOTAL 91,713 MEAN 186 MAX 2,358 MIN 57 CFSM 1.89 IN 22.72

Note --No gage-height record Yr 26 to Aug 12

2-3685 Shoal River near Mossy Head, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	524	114	200	466	361	443	272	1,000	164	278	264
2	391	130	170	354	346	586	258	1,040	170	249	281
3	309	120	170	238	329	2,050	249	1,190	170	218	276
4	248	116	163	206	316	1,310	255	842	152	316	203
5	224	115	150	215	338	868	245	649	204	367	192
6	208	150	142	325	403	680	247	544	430	293	274
7	194	132	136	784	371	544	308	476	340	221	521
8	186	118	136	803	447	483	323	430	228	194	1,050
9	176	116	139	2,050	405	445	329	397	204	176	1,060
10	166	121	132	1,590	352	447	279	367	196	166	720
11	162	121	121	801	323	411	251	346	178	188	670
12	154	115	172	837	372	376	236	329	168	365	956
13	149	110	567	832	291	352	291	355	160	340	449
14	146	106	1,020	554	293	340	1,260	344	152	317	371
15	139	106	837	460	346	350	1,840	319	143	340	319
16	136	106	487	420	582	342	940	291	139	264	285
17	132	106	336	712	432	316	582	270	136	216	329
18	128	104	262	765	849	296	453	253	132	204	395
19	127	103	227	550	952	316	397	238	128	200	416
20	124	102	210	510	529	718	359	226	126	191	586
21	124	102	202	493	416	575	331	218	122	253	720
22	122	100	192	441	374	390	310	210	122	352	969
23	120	262	191	399	346	344	295	204	118	540	916
24	122	283	186	374	321	323	278	236	122	456	722
25	121	166	178	695	365	336	266	298	184	560	489
26	121	132	170	661	367	548	312	226	160	533	405
27	121	128	166	472	491	512	5,080	203	218	481	363
28	116	192	158	426	1,010	374	5,580	192	445	354	327
29	110	446	152	390	670	355	1,980	182	378	321	298
30	108	316	148	365	321	321	1,310	350	319	278	204
31	108	-----	258	350	-----	291	-----	168	-----	285	258
TOTAL	5,316	4,438	7,778	18,538	12,927	16,042	25,116	12,217	5,939	9,555	14,912
MEAN	171	148	251	598	446	517	837	394	198	308	481
MAX	524	446	1,020	2,050	1,810	2,050	5,580	1,190	645	560	1,060
MIN	108	100	121	206	291	291	236	168	118	166	173
CFSM	1.39	1.20	2.04	4.86	3.62	4.21	6.81	3.20	1.61	2.51	3.91
IN.	1.61	1.34	2.35	5.61	3.91	4.85	7.59	3.69	1.80	2.89	4.51
CAL YR 1963: TOTAL	84,467			MEAN 391		MAX 2,200	MIN 73	CFSM 1.88	IN 25.54		
WAT YR 1964: TOTAL	143,014			MEAN 391		MAX 5,580	MIN 100	CFSM 3.18	IN 43.24		

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	279	199	290	563	336	318	355	390	100	189	178
2	260	193	272	506	367	602	327	360	103	192	226
3	695	190	264	510	353	667	297	330	102	232	171
4	2,130	185	275	470	326	492	276	302	102	212	161
5	2,200	182	329	425	306	410	260	280	103	227	169
6	1,180	178	318	400	403	367	243	260	115	196	167
7	781	173	281	377	535	343	229	250	139	236	285
8	595	170	258	362	528	326	218	230	121	366	444
9	484	167	246	355	509	314	211	220	120	589	1,180
10	414	164	236	357	429	305	200	200	157	497	850
11	381	163	233	347	372	299	194	190	202	405	563
12	359	160	370	331	354	298	190	180	196	310	478
13	338	160	365	322	525	302	182	180	164	303	367
14	377	163	275	316	727	309	175	170	230	303	287
15	552	160	242	307	681	294	170	160	314	270	249
16	543	157	230	311	517	280	167	150	283	234	245
17	425	157	227	299	532	275	160	150	415	233	259
18	365	154	224	289	637	816	155	150	496	215	229
19	336	154	224	284	559	826	373	140	298	196	253
20	316	245	218	280	459	644	1,240	140	226	187	262
21	293	220	216	279	411	548	800	130	203	180	243
22	278	214	221	383	463	500	813	130	173	182	252
23	262	283	220	355	361	372	410	200	175	166	214
24	251	801	214	658	354	356	350	180	204	162	190
25	240	996	4,060	539	378	341	500	160	224	174	175
26	232	716	6,300	400	351	343	400	140	188	188	203
27	227	496	2,100	351	330	444	800	120	281	178	173
28	223	399	1,330	325	318	569	610	160	360	186	187
29	215	370	947	308	-----	456	470	130	231	173	178
30	211	328	751	339	-----	373	420	120	198	170	163
31	205	-----	641	376	-----	359	-----	110	-----	164	155
TOTAL	15,647	8,267	22,377	11,613	12,341	13,061	10,942	6,010	6,236	7,506	9,655
MEAN	505	276	722	375	441	421	365	194	208	242	311
MAX	2,200	996	6,300	658	727	826	1,240	390	496	589	1,180
MIN	205	154	214	272	306	275	155	110	100	162	155
CFSM	4.10	2.24	5.87	3.05	3.58	3.43	2.97	1.58	1.69	1.97	2.53
IN.	4.73	2.50	6.77	3.51	3.73	3.95	3.31	1.82	1.89	2.27	2.92
CAL YR 1964: TOTAL	171,773			MEAN 469		MAX 6,300	MIN 118	CFSM 3.82	IN 51.94		
WAT YR 1965: TOTAL	128,576			MEAN 352		MAX 6,300	MIN 99	CFSM 2.86	IN 58.88		

Note --No gage-height record Apr 21 to June 1

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

Gage --Digital water-stage recorder Datum of gage is 47 21 ft above mean sea level, datum of 1929 Prior to Feb 12, 1939, staff gage and Feb 12, 1939, to Sept 30, 1963, graphic water-stage recorder. at same site and datum

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

1938-65 Maximum discharge, 21,700 cfs July 7, 1940 (gage height, 14 26 ft), minimum, 263 cfs May 13, 14, 1955 (gage height, 0 96 ft)

Revisions (water years) --WSP 1274 1939-40, 1944, 1947, 1950 WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	957	742	860	1,230	975	1,470	2,370	1,070	640	1,100	1,000	2,910
2	255	705	718	1,200	907	2,320	2,100	1,370	627	1,080	860	3,770
3	790	672	674	942	904	2,730	1,570	1,620	613	984	855	2,810
4	758	654	657	790	933	2,300	1,330	1,300	600	963	927	2,280
5	754	647	645	736	886	1,590	1,200	1,080	592	975	1,320	1,840
6	954	642	635	710	884	1,360	1,140	963	581	1,080	1,810	1,560
7	3,080	629	629	696	1,040	1,280	1,500	909	570	1,030	2,700	1,520
8	3,130	627	621	750	2,250	1,230	1,760	873	563	1,030	3,220	1,630
9	2,160	629	614	897	2,030	1,200	1,400	981	564	1,100	3,150	1,940
10	1,320	637	608	812	1,400	1,120	1,250	1,550	634	1,180	2,570	2,030
11	1,100	647	802	728	1,140	1,040	1,170	1,700	818	1,060	1,910	1,520
12	978	647	1,270	699	1,010	999	1,920	1,300	654	1,170	1,700	1,460
13	918	638	1,050	688	933	1,010	3,870	1,090	619	1,110	1,400	1,430
14	873	634	775	845	886	1,070	5,200	957	614	948	1,260	1,430
15	840	624	778	984	852	1,030	4,250	882	669	1,050	1,340	1,570
16	848	614	1,060	865	832	951	3,440	840	990	1,070	2,230	1,960
17	812	676	987	754	793	1,010	3,710	790	930	1,080	1,780	1,780
18	780	758	798	706	869	1,670	3,440	750	714	1,620	1,340	1,320
19	764	688	720	687	2,030	2,410	2,340	728	671	1,450	1,190	1,170
20	792	648	697	701	3,240	2,320	1,680	710	1,330	1,130	1,150	1,090
21	785	627	924	692	2,880	2,090	1,420	694	4,610	996	1,070	1,070
22	752	616	1,010	666	1,890	1,600	1,320	687	6,720	901	1,020	975
23	734	662	860	688	2,050	1,360	1,250	674	5,580	1,100	1,010	939
24	720	909	752	672	3,060	1,200	1,200	746	3,330	1,060	978	897
25	706	868	716	879	3,170	1,070	1,160	1,000	2,390	866	1,440	865
26	692	718	696	1,340	2,520	999	1,120	1,200	2,120	832	3,760	850
27	683	669	685	2,250	1,670	960	1,110	1,080	2,000	921	3,940	830
28	678	652	678	2,010	1,400	1,160	1,400	868	1,630	1,340	2,630	920
29	669	666	666	1,930	1,400	1,160	1,340	868	1,630	1,340	2,630	920
30	687	987	754	1,260	-----	2,370	1,180	697	1,160	1,980	1,590	775
31	699	-----	996	1,090	-----	2,410	-----	664	-----	1,280	1,740	-----
TOTAL	31,248	20,622	24,335	29,397	43,794	47,009	59,210	30,521	44,873	35,626	55,070	45,286
MEAN	1,008	687	785	968	1,564	1,514	1,974	1,017	1,464	1,184	1,776	1,510
MAX	3,130	987	1,270	2,250	3,880	5,200	5,200	1,700	7,720	2,120	3,940	3,770
MIN	667	614	608	666	793	951	1,110	664	563	832	855	775
CFSM	2.13	1.45	1.66	2.04	3.30	3.20	4.16	2.08	3.16	2.82	3.75	3.18
IN.	2.45	1.62	1.91	2.31	3.44	3.69	4.65	2.39	3.52	2.80	4.32	3.55
CAL YR 1960. TOTAL 485,640 MEAN 1,327 MAX 10,600 MIN 608 CFSM 2.80 IN 38.10												
MAY YR 1961. TOTAL 466,991 MEAN 1,279 MAX 6,720 MIN 563 CFSM 2.70 IN 36.64												

2-3690 Shoal River near Crestview, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	755	515	519	1,050	1,060	1,310	5,620	1,980	496	717	503
2	731	509	517	1,160	977	1,460	10,400	1,280	515	563	397
3	710	507	512	1,060	932	2,450	6,720	1,060	506	528	394
4	715	543	501	935	908	2,500	3,800	935	550	503	445
5	706	569	493	920	908	1,920	2,570	868	530	506	424
6		550	491	2,060	917	1,450	2,120	820	539	652	421
7	660	589	491	3,710	899	1,280	2,000	778	531	782	443
8	662	602	479	4,310	858	1,200	2,070	755	503	983	555
9	660	531	469	3,170	850	1,150	1,980	731	543	691	523
10	642	509	668	2,140	998	1,120	1,690	702	650	548	421
11	622	507	2,140	1,720	1,120	1,110	1,480	693	713	499	419
12	609	504	2,930	1,450	944	1,110	1,430	677	697	474	402
13	600	501	3,290	1,320	855	1,090	1,510	662	665	482	455
14	600	553	3,440	1,240	820	1,000	1,480	646	825	499	431
15	590	858	2,910	1,210	795	1,230	1,330	638	832	594	415
16	569	1,030	3,180	1,210	1,190	2,090	1,230	626	870	835	423
17	565	842	3,020	1,170	3,040	1,820	1,160	615	795	1,160	511
18	560	673	2,410	1,100	3,890	1,340	1,110	607	592	762	467
19	553	602	1,820	1,050	3,060	1,150	1,060	592	630	560	419
20	544	565	1,430	1,040	4,200	1,050	1,020	580	611	512	451
21	538	538	1,250	1,020	6,290	1,010	986	574	790	493	491
22	538	525	1,130	998	4,050	998	941	572	662	474	571
23	539	693	1,060	986	2,570	1,080	914	572	733	450	523
24	533	1,990	1,000	977	2,050	1,240	888	551	785	440	553
25	533	880	962	989	2,180	1,150	868	539	750	507	530
26	533	656	926	971	2,050	1,080	865	528	652	499	485
27	517	590	923	1,030	1,610	1,020	902	519	600	662	439
28	509	565	1,130	1,040	1,400	935	952	516	600	416	439
29	509	544	1,150	2,100	-----	878	1,960	507	762	590	400
30	515	528	1,000	1,500	-----	850	2,680	504	965	652	389
31	520	-----	941	1,210	-----	1,810	-----	499	-----	558	394
TOTAL	18,512	18,648	43,182	46,466	51,421	40,884	63,743	22,124	19,980	18,747	15,214
MEAN	297	622	1,393	1,499	1,836	1,319	2,125	714	666	605	481
MAX	755	1,090	3,440	4,310	6,290	2,500	10,400	1,980	965	1,160	911
MIN	509	501	469	920	795	850	865	499	496	440	389
CFSM	1.26	1.31	2.94	3.16	3.87	2.78	4.48	1.51	1.41	1.28	1.04
IN.	1.45	1.46	3.39	3.65	4.03	3.21	5.00	1.74	1.57	1.47	1.19
CAL YR 1961	TOTAL 471,148	MEAN 1,291	MAX 6,720	MIN 469	CFSM 2.72	IN 36.97					
WAT YR 1962:	TOTAL 373,326	MEAN 1,023	MAX 10,400	MIN 389	CFSM 2.16	IN 24.29					

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	384	338	471	1,040	885	1,170	600	677	421	1,270	728
2	464	341	463	782	860	1,180	590	605	394	1,070	654
3	691	344	431	691	868	1,140	583	503	375	866	1,130
4	971	349	415	648	935	1,060	576	493	363	793	910
5	660	351	408	621	852	1,010	565	491	354	818	581
6	512	343	410	632	782	1,130	622	451	359	720	566
7	453	343	407	665	738	1,330	1,000	499	349	757	698
8	429	384	411	652	710	1,230	935	539	343	783	652
9	483	742	423	607	691	1,050	745	483	333	1,060	660
10	459	706	427	578	677	974	654	439	328	1,320	526
11	434	501	418	592	1,260	941	613	419	333	1,370	531
12	410	459	419	1,560	4,220	917	587	405	349	1,220	918
13	394	450	408	2,570	5,740	905	571	469	357	832	543
14	386	421	410	1,940	4,980	941	548	498	357	688	522
15	384	399	411	1,200	2,910	944	528	496	341	685	596
16	416	392	413	896	1,780	950	522	496	325	700	562
17	387	389	415	798	1,400	888	514	450	407	642	544
18	373	419	410	941	1,280	842	509	415	1,030	644	537
19	363	432	402	1,190	1,610	810	503	543	1,960	644	530
20	355	423	394	1,590	2,790	778	496	893	2,540	746	518
21	360	539	389	3,060	2,640	740	491	989	613	674	502
22	434	950	386	3,490	1,820	699	483	778	2,410	631	493
23	424	788	389	2,810	1,360	682	477	650	2,640	921	559
24	384	560	392	1,610	1,370	673	469	607	2,930	1,380	574
25	360	491	966	1,250	2,000	667	455	517	2,320	1,300	518
26	354	461	1,890	1,110	1,800	682	447	475	2,030	1,410	488
27	352	439	1,780	1,050	1,430	752	443	448	2,570	736	476
28	352	431	1,040	1,040	1,250	697	443	461	1,290	669	524
29	351	427	1,000	964	-----	654	450	450	2,300	656	1,390
30	351	448	1,640	882	-----	630	485	519	1,340	1,780	835
31	349	-----	1,490	888	-----	611	-----	463	1,460	1,430	4,420
TOTAL	13,476	14,060	19,728	38,327	49,638	27,677	16,904	16,701	31,018	34,730	26,876
MEAN	435	449	636	1,236	1,573	893	563	539	1,018	1,170	868
MAX	971	950	1,890	3,490	5,740	1,330	1,000	989	2,930	2,570	5,770
MIN	349	338	386	578	677	611	443	405	325	631	476
CFSM	.92	.99	1.34	2.61	3.74	1.88	1.19	1.14	1.28	2.36	2.11
IN.	1.06	1.10	1.55	3.01	3.89	2.17	1.33	1.31	2.43	2.72	2.09
CAL YR 1962:	TOTAL 340,231	MEAN 932	MAX 10,400	MIN 328	CFSM 1.97	IN 26.69					
WAT YR 1963:	TOTAL 319,814	MEAN 876	MAX 9,770	MIN 335	CFSM 1.85	IN 25.09					

2-3690 Shoal River near Crestview, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,970	545	1,740	1,460	1,420	2,680	1,190	4,720	892	1,420	1,150	1,210
2	2,660	615	1,070	1,710	1,450	2,070	1,150	3,500	875	1,130	1,110	1,160
3	1,540	606	916	1,340	1,340	3,110	1,120	3,500	872	995	1,130	1,120
4	1,230	576	888	1,100	1,250	4,510	1,120	4,180	850	1,240	1,070	1,120
5	1,080	570	806	1,050	1,230	4,580	1,130	3,560	810	1,450	938	1,100
6	977	601	745	1,120	1,430	3,520	1,110	2,570	1,030	1,320	1,070	1,070
7	894	619	711	2,110	1,540	2,720	1,270	2,160	2,090	1,100	1,580	1,060
8	937	579	710	2,970	1,510	2,210	1,420	1,910	1,910	906	2,630	1,050
9	795	562	742	4,040	1,450	1,870	1,450	1,740	1,230	802	3,840	1,020
10	760	581	706	5,040	1,480	1,750	1,370	1,640	1,170	760	4,410	977
11	733	581	674	5,120	1,290	1,720	1,200	1,550	1,070	748	4,030	983
12	709	561	748	3,880	1,190	1,580	1,090	1,490	986	1,060	3,460	2,450
13	692	538	1,500	3,020	1,130	1,450	1,060	1,750	921	1,450	2,680	4,090
14	679	528	2,800	2,750	1,120	1,380	2,090	2,050	847	1,420	2,110	4,090
15	666	529	3,370	2,200	1,180	1,350	4,110	1,710	795	1,370	1,660	2,860
16	652	531	3,050	1,740	1,660	1,370	4,850	1,460	775	1,540	1,420	1,870
17	632	503	2,070	2,070	1,330	4,030	1,330	777	1,370	1,320	1,490	
18	619	527	1,390	2,630	2,000	1,250	2,610	1,250	737	1,140	1,500	1,340
19	607	521	1,180	2,570	2,650	1,220	1,820	1,200	707	1,060	1,760	1,260
20	599	518	1,070	2,250	2,840	1,750	1,540	1,150	690	1,040	1,570	1,210
21	590	515	1,020	2,320	2,250	2,610	1,400	1,110	679	1,010	2,020	1,150
22	584	512	1,000	2,120	1,630	2,450	1,310	1,080	673	1,480	3,040	1,100
23	577	640	972	1,750	1,430	1,720	1,250	1,150	671	1,770	4,110	1,060
24	585	1,140	969	1,990	1,340	1,420	1,210	1,110	690	1,470	3,880	1,020
25	594	1,120	925	1,700	1,310	1,380	1,180	1,190	1,030	1,480	3,360	986
26	591	775	882	2,390	1,530	1,600	1,240	1,240	1,160	1,590	2,650	947
27	583	699	852	2,390	1,650	2,110	5,210	1,110	1,110	1,760	1,980	932
28	571	802	825	1,890	2,380	2,000	10,900	1,020	1,110	1,910	1,600	926
29	556	1,980	799	1,600	2,920	1,550	13,900	965	1,320	1,670	1,450	915
30	539	2,700	774	1,450	-----	1,390	7,970	932	1,540	1,410	1,340	912
31	540	-----	893	1,360	-----	1,280	-----	912	-----	1,260	1,270	-----
TOTAL	28,641	22,103	36,757	70,730	47,870	62,930	82,300	56,239	30,017	40,151	67,138	42,478
MEAN	924	737	1,186	2,282	1,651	2,030	2,743	1,814	1,001	1,295	2,166	1,416
MAX	4,970	2,700	3,370	5,120	2,920	4,580	13,900	4,720	2,090	1,910	4,410	4,090
MIN	539	512	674	1,050	1,120	1,220	1,060	912	671	748	938	912
CFSM	1.95	1.55	2.50	4.81	3.48	4.28	5.79	3.83	2.11	2.48	4.57	2.99
IN.	2.25	1.73	2.88	5.55	3.76	4.94	6.46	4.41	2.36	3.15	5.27	3.43

CAL YR 1963: TOTAL 360,048 MEAN 986 MAX 5,770 MIN 325 CFSM 3.08 IN 28.55
 MAY YR 1964: TOTAL 587,354 MEAN 1,605 MAX 13,900 MIN 512 CFSM 3.39 IN 46.08

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,090	902	1,260	2,360	1,410	1,230	1,350	893	569	845	920	828
2	1,380	878	1,150	2,140	1,320	1,560	1,320	825	533	815	1,090	872
3	1,670	860	1,070	2,000	1,380	2,500	1,230	783	521	805	974	938
4	3,010	853	1,040	2,000	1,280	2,570	1,140	755	521	899	778	1,090
5	4,680	843	1,070	1,840	1,190	2,110	1,090	729	521	905	863	1,110
6	5,580	830	1,180	1,630	1,230	1,630	1,030	713	536	890	853	893
7	4,830	818	1,170	1,530	2,110	1,400	986	701	785	798	785	755
8	3,320	815	1,090	1,460	2,560	1,290	956	687	995	1,030	1,030	709
9	2,300	813	995	1,410	2,500	1,230	929	673	758	1,530	1,600	683
10	1,800	803	953	1,400	2,270	1,190	905	659	687	1,820	2,270	685
11	1,530	790	929	1,410	1,720	1,170	881	643	926	1,580	2,380	745
12	1,390	783	1,010	1,360	1,460	1,160	863	631	1,140	1,390	2,540	687
13	1,310	808	1,380	1,290	1,740	1,160	840	619	1,090	1,520	2,090	659
14	1,290	863	1,390	1,260	2,450	1,190	810	603	995	1,320	1,350	649
15	1,620	825	1,180	1,230	2,770	1,190	780	589	1,170	1,150	1,070	635
16	2,200	800	1,000	1,220	2,630	1,130	765	579	1,510	974	1,000	621
17	2,120	790	935	1,230	2,360	1,070	750	571	1,580	974	1,120	617
18	1,630	783	899	1,180	2,660	1,200	731	566	1,740	895	1,290	603
19	1,360	775	911	1,150	2,840	2,000	727	562	1,770	753	1,300	641
20	1,250	830	938	1,130	2,630	2,390	1,190	554	1,320	693	1,530	631
21	1,180	1,170	911	1,140	2,030	2,290	2,610	548	1,000	671	1,520	609
22	1,130	1,120	911	1,120	1,840	1,840	2,600	544	1,000	650	1,470	607
23	1,090	932	944	1,150	1,660	1,400	1,330	542	780	679	1,390	719
24	1,050	1,290	932	1,770	1,380	1,270	1,070	593	1,010	641	1,140	760
25	1,030	2,810	3,440	2,470	1,370	1,220	965	611	1,110	685	965	768
26	995	3,420	7,810	2,090	1,390	1,200	995	579	1,060	838	884	677
27	986	3,110	11,900	1,510	1,300	1,420	1,180	562	993	887	872	671
28	974	2,360	8,060	1,300	1,240	1,960	1,370	547	1,240	965	956	805
29	956	1,670	4,850	1,200	-----	2,120	1,270	611	1,410	872	1,130	986
30	938	1,420	3,300	1,190	-----	1,670	1,040	665	986	914	1,090	2,380
31	917	-----	2,650	1,380	-----	1,370	-----	695	-----	815	920	-----
TOTAL	56,606	35,694	67,264	46,550	52,300	48,130	33,403	19,772	30,051	30,178	39,370	24,133
MEAN	1,826	1,190	2,170	1,502	1,668	1,553	1,113	638	1,002	973	1,270	804
MAX	5,580	3,420	11,900	2,470	2,840	2,570	2,610	893	1,770	1,820	2,540	2,380
MIN	917	775	899	1,120	1,190	1,070	727	542	521	641	778	609
CFSM	3.85	2.51	4.58	3.17	3.94	3.28	2.35	1.35	2.11	2.05	2.68	1.70
IN.	4.44	2.80	5.28	3.65	4.10	3.78	2.62	1.55	2.36	2.37	3.09	1.89

CAL YR 1964: TOTAL 659,417 MEAN 1,802 MAX 13,900 MIN 671 CFSM 3.80 IN 51.74
 MAY YR 1965: TOTAL 483,451 MEAN 1,325 MAX 11,900 MIN 521 CFSM 2.79 IN 37.93

Location --Lat 30°50'00", long 86°44'05", in SW 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

Gage --Digital water-stage recorder 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) Prior to
July 22, 1964, graphic water-stage recorder at same site and datum

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,500 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Oct 7, 1960	1300	1,700	8 90	Dec 16, 1961	0200	2,300	10 35	Apr 28, 1964	1200	* 5,790	15 56
Feb 19, 1961	2000	2,450	10 64	Feb 16, 1962	1900	3,780	13 10	May 3, 1964	0300	3,680	12 94
Feb 23, 24, 1961	-	2,630	11 04	Feb 19, 1962	2230	* 8,790	17 54	Aug 9, 1964	0215	1,840	9 00
Apr 2, 1961	0230	1,570	8 56	Apr 1, 1962	0700	6,710	16 30				
Apr 12, 1961	2200	2,340	10 75					Dec 28, 1964	1015	3,280	12 25
Apr 16, 1961	1730	* 3,790	13 12	Jan 21, 1963	0600	* 2,750	11 24	Feb 18, 1965	1445	2,020	9 44
Aug 21, 1961	0530	* 5,990	15 74	Feb 12, 1963	1130	1,640	8 70	Apr 19, 1965	2200	1,610	8 42
June 7, 1961	2040	2,340	10 45					Sept 30, 1965	2300	* 6,280	15 99
Sept 15, 1961	1200	1,790	9 12	Jan 9, 1964	2430	2,500	10 65				
				Mar 3, 1964	1000	1,520	8 17				
				Apr 15, 1964	0100	2,990	11 68				
Dec 13, 1961	1000	2,490	10 76								

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 22, 23, 1960	112	3 01	1964	Oct 29-31, 1963	79	2 78
1962	Sept 2, 1962	106	2 97	1965	June 4, 1965	102	3 09
1963	June 15, 1963	80	2 74				

1950-65 Maximum discharge, 17,200 cfs Dec 4, 1953 (gage height, 20 80 ft), from rating curve extended above 8,300 cfs on basis of velocity-area study, minimum, 60 cfs Sept 7, 8, 1954, minimum gage height, 2' 4 ft June 15, 1963

Revisions (water years) --WSP 1704 1950(M), 1951-52

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	151	137	206	401	274	840	1,430	360	154	332	274	888
2	136	133	248	330	248	1,200	1,360	690	150	221	802	802
3	125	127	153	270	231	966	843	574	146	260	342	791
4	120	121	146	230	219	682	645	442	144	250	448	651
5	123	119	140	203	204	500	528	363	140	242	432	523
6	318	118	134	188	242	370	492	312	137	235	810	419
7	1,490	115	132	178	1,050	330	736	285	133	230	1,790	342
8	1,080	114	130	196	763	360	616	264	133	285	1,810	349
9	709	115	125	239	533	401	512	488	133	339	1,180	346
10	470	119	127	211	418	360	556	577	141	283	848	322
11	346	125	137	187	346	321	505	428	140	228	757	299
12	272	127	149	174	296	321	2,990	353	140	296	640	287
13	230	123	144	168	262	325	4,670	307	140	330	498	290
14	201	120	140	199	240	387	2,780	274	138	512	445	330
15	193	118	190	221	223	332	1,740	254	168	396	509	1,390
16	186	115	270	196	209	294	3,420	240	211	538	385	883
17	178	115	221	177	196	316	2,660	226	192	468	354	598
18	171	116	180	165	196	943	1,310	211	165	495	297	442
19	164	118	160	160	1,500	963	908	201	192	720	319	357
20	157	118	156	161	1,630	787	741	192	2,100	546	280	314
21	150	115	312	163	1,210	666	634	186	5,200	776	244	282
22	144	112	230	156	1,400	561	561	187	2,910	485	242	254
23	137	128	190	151	2,300	462	505	177	1,280	445	240	233
24	133	170	170	163	1,800	391	455	174	999	375	312	220
25	129	168	158	298	1,300	337	415	203	905	314	888	208
26	125	145	153	750	922	303	382	218	706	351	1,340	197
27	124	134	158	779	720	287	377	214	626	712	1,100	201
28	121	129	160	559	642	551	406	196	556	632	771	197
29	120	206	145	358	445	319	450	389	580	403	184	184
30	120	289	221	375	-----	896	337	170	382	303	493	175
31	130	-----	300	314	-----	996	-----	160	-----	252	662	-----
TOTAL MEAN	8,253	4,009	5,420	8,407	19,574	17,356	33,903	9,113	19,011	12,327	19,489	12,774
MAX	1,490	289	312	779	2,300	1,200	4,670	696	5,200	776	1,810	1,390
MIN	120	112	125	151	196	287	337	160	133	228	221	175
CFSM	1.30	.65	.85	1.32	3.41	2.73	9.51	1.43	3.09	1.94	3.06	2.08
IN.	1.50	.73	.98	1.53	3.55	3.15	6.15	1.65	3.45	2.24	3.53	2.32
CAL YR 1960: TOTAL 122,090 MEAN 334												
WAT YR 1961: TOTAL 169,611 MEAN 465												
MAX 5,710 MIN 104												
CFSM 1.63 CFSM 2.27 IN 22.15												
IN 30.77												

2-3700 Blackwater River near Baker, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	174	129	184	616	287	642	6,100	428	142	193	164	109
2	171	128	180	587	266	914	3,560	312	168	163	149	110
3	167	127	174	460	252	1,050	1,490	252	256	147	132	111
4	167	136	168	391	242	874	931	223	219	141	123	116
5	165	141	165	384	246	725	744	204	193	188	121	111
6	161	137	164	1,050	246	598	677	188	204	237	309	116
7	160	136	165	874	240	515	852	180	198	182	201	128
8	160	133	161	728	226	470	774	174	160	165	157	127
9	160	128	160	598	221	438	658	167	150	149	146	145
10	156	128	219	528	298	411	559	161	172	137	132	156
11	153	128	763	488	287	423	492	160	209	130	121	132
12	150	129	1,040	425	240	495	482	157	305	130	116	123
13	149	130	2,330	379	221	432	567	154	384	137	114	133
14	149	171	1,760	355	211	372	478	154	328	150	114	136
15	146	606	1,770	358	204	500	403	150	277	242	123	145
16	144	790	2,020	384	2,550	580	351	147	216	321	147	141
17	142	577	1,410	344	2,440	440	314	142	172	233	146	177
18	141	377	1,270	314	1,080	365	287	140	151	175	137	206
19	140	287	1,100	300	5,080	330	272	138	157	145	123	170
20	138	240	824	307	6,400	307	258	136	193	137	140	142
21	137	212	658	296	3,160	303	246	133	600	128	192	128
22	137	198	548	281	1,680	289	231	132	365	123	212	120
23	136	394	482	274	1,380	321	221	129	323	118	177	115
24	136	572	428	270	1,240	335	214	127	274	116	151	112
25	136	589	387	264	1,210	300	207	125	254	118	138	114
26	134	292	363	258	987	305	204	123	211	130	128	132
27	133	244	355	335	832	294	203	121	174	150	123	224
28	130	219	411	577	698	266	263	120	198	146	119	188
29	132	206	399	482	-----	246	849	119	283	181	115	147
30	132	192	344	384	-----	237	626	116	258	266	112	135
31	132	-----	358	325	-----	2,000	-----	118	-----	193	110	-----
TOTAL	4,568	7,674	20,760	13,616	32,424	15,777	23,513	5,171	7,194	5,171	4,492	4,147
MEAN	147	256	670	439	1,158	509	784	165	240	167	145	138
MAX	174	790	2,330	1,050	6,400	2,000	6,100	428	600	321	309	224
MIN	130	127	160	258	204	237	203	116	142	116	110	109
CFSM	.72	1.25	3.27	2.14	5.65	2.48	3.82	.81	1.17	.81	.71	.67
IN.	.83	1.39	3.77	2.47	5.88	2.86	4.27	.93	1.31	.94	.81	.75

CAL YR 1961: TOTAL 184,931 MEAN 507 MAX 2,200 MIN 127 CFSM 1.47 IN 32.51
 MAY YR 1962: TOTAL 144,466 MEAN 396 MAX 6,400 MIN 104 CFSM 1.24 IN 16.82

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	130	105	120	321	376	394	160	147	110	167	485	154
2	219	105	118	260	349	396	158	134	100	149	332	141
3	316	105	114	226	352	362	153	123	95	134	235	129
4	307	105	112	207	366	332	152	120	92	142	191	121
5	204	105	111	195	319	319	149	119	89	158	165	115
6	165	105	115	196	290	458	152	118	87	132	147	112
7	147	104	115	219	268	560	250	115	86	119	138	110
8	137	114	127	214	250	455	292	112	85	114	130	106
9	134	158	175	193	235	379	223	111	85	173	349	104
10	140	164	160	181	223	336	193	110	87	275	517	100
11	130	136	141	224	504	304	178	107	89	231	319	98
12	124	129	133	996	1,530	285	164	106	87	173	231	97
13	120	125	130	766	1,250	271	156	137	85	140	196	100
14	118	120	127	569	853	287	147	184	83	128	191	111
15	115	115	125	432	631	376	140	147	81	129	477	107
16	114	112	125	348	514	352	137	121	85	124	566	106
17	111	111	127	300	439	304	133	110	106	136	399	104
18	109	112	127	351	396	273	130	109	154	127	271	100
19	109	119	121	396	1,000	255	127	150	203	137	208	98
20	107	118	119	1,840	1,160	235	124	160	255	193	253	95
21	111	138	118	2,460	865	219	123	133	217	170	490	93
22	129	219	118	2,100	639	205	121	124	452	267	389	92
23	125	196	132	1,130	512	196	120	152	1,040	379	299	89
24	115	153	142	805	585	190	119	165	628	404	253	87
25	110	137	561	639	739	186	118	133	399	514	201	86
26	107	128	736	558	593	193	116	116	346	547	170	85
27	107	124	480	506	493	205	115	109	339	536	149	106
28	107	120	332	460	424	193	114	104	271	419	147	200
29	106	118	391	416	-----	181	114	109	212	359	156	200
30	106	119	577	386	-----	173	118	140	181	547	164	210
31	106	-----	432	384	-----	165	-----	128	-----	579	154	-----
TOTAL	4,285	3,819	6,561	18,458	16,155	9,039	4,496	3,953	6,229	7,797	8,372	3,546
MEAN	138	127	212	595	577	292	150	128	208	252	270	118
MAX	316	219	736	2,460	1,530	560	292	184	1,040	579	566	290
MIN	106	104	111	181	223	165	114	104	81	114	130	85
CFSM	.67	.62	1.03	2.90	2.81	1.42	.73	.62	1.01	1.23	1.32	.58
IN.	.78	.69	1.19	3.35	2.93	1.64	.82	.72	1.13	1.41	1.52	.64

CAL YR 1962: TOTAL 126,129 MEAN 346 MAX 6,400 MIN 104 CFSM 1.69 IN 22.88
 MAY YR 1963: TOTAL 92,710 MEAN 254 MAX 2,640 MIN 81 CFSM 1.24 IN 16.82

BLACKWATER RIVER BASIN

2-3700 Blackwater River near Baker, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	159	83	351	344	484	566	285	888	164	344	452	246
2	135	89	250	346	442	629	271	2,070	162	277	705	232
3	123	91	218	269	387	1,450	257	2,930	156	221	735	221
4	116	89	203	232	353	1,320	259	1,750	152	291	618	214
5	109	89	184	220	342	1,060	254	987	148	646	442	208
6	103	91	171	287	385	822	257	708	404	531	1,050	205
7	100	92	162	912	363	657	328	566	482	358	1,470	213
8	97	89	159	1,020	442	542	328	479	291	265	1,590	208
9	94	89	160	2,360	444	479	342	416	250	220	1,790	197
10	93	89	156	2,220	373	462	302	370	213	198	1,560	189
11	91	89	148	1,260	328	426	259	344	195	192	1,270	209
12	89	87	171	965	298	377	233	324	180	588	1,140	572
13	89	86	273	819	281	342	348	484	194	747	882	771
14	88	85	627	635	285	321	2,040	505	184	837	756	621
15	88	86	652	531	304	326	2,590	419	165	954	607	459
16	87	87	459	477	429	342	1,520	356	153	1,030	500	349
17	87	87	340	680	382	310	895	308	221	703	434	296
18	86	87	277	685	801	283	649	271	271	638	526	265
19	85	87	241	556	1,020	306	523	246	197	500	618	252
20	83	86	218	908	726	1,040	436	228	168	414	717	244
21	82	85	208	879	545	902	375	218	162	534	550	226
22	81	83	205	671	459	627	333	211	189	930	706	211
23	81	188	197	591	406	469	302	223	158	750	780	201
24	82	223	198	523	361	408	275	220	200	534	936	194
25	83	158	184	825	434	409	254	221	225	649	723	184
26	85	140	177	1,120	550	768	273	203	166	708	529	178
27	83	188	171	853	627	680	2,410	189	170	583	422	176
28	81	266	165	655	1,020	518	5,300	180	281	462	356	174
29	80	816	160	537	729	419	3,140	172	353	580	315	171
30	79	577	153	459	-----	351	1,340	170	426	516	285	177
31	81	-----	178	422	-----	310	-----	165	-----	442	263	-----
TOTAL	2,900	4,482	7,416	23,261	14,000	17,919	26,378	16,821	6,680	16,442	23,722	8,063
MEAN	93.5	149	239	750	483	578	879	543	223	537	765	269
MAX	159	816	652	2,360	1,020	1,450	5,300	2,930	482	1,030	1,790	771
MIN	79	83	148	220	281	283	233	165	148	192	263	171
CFSM	.46	.73	1.17	3.66	2.35	2.82	4.29	2.65	1.09	2.62	3.73	1.31
IN.	.53	.81	1.35	4.22	2.54	3.25	4.79	3.05	1.21	3.02	4.30	1.46

CAL YR 1963: TOTAL 92,843 MEAN 254 MAX 2,940 MIN 79 CFSM 1.24 IN 16.84
 WAT YR 1964: TOTAL 168,287 MEAN 480 MAX 5,300 MIN 79 CFSM 2.24 IN 30.53

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	205	161	296	459	330	417	516	182	107	191	214	159
2	271	158	267	409	341	735	439	174	105	306	265	156
3	353	156	252	397	371	965	387	168	103	377	250	162
4	643	155	252	399	344	759	351	161	103	324	189	241
5	965	152	310	356	311	604	328	155	107	244	174	444
6	859	150	308	323	434	510	306	152	110	235	188	333
7	607	149	273	313	1,320	459	289	147	122	208	198	218
8	429	150	244	302	1,350	427	277	143	122	296	211	182
9	342	150	228	289	1,100	402	267	141	116	469	261	165
10	293	149	218	294	789	385	257	135	117	454	392	158
11	263	147	214	318	669	373	252	134	158	356	621	155
12	241	147	300	301	604	368	246	131	191	397	484	153
13	226	159	373	312	801	365	239	128	191	422	427	150
14	230	188	306	372	912	365	230	126	198	389	317	147
15	321	182	259	349	859	351	225	123	289	317	259	144
16	409	167	233	337	756	335	220	122	313	246	220	150
17	344	161	220	326	933	324	214	120	454	226	206	208
18	281	158	223	315	1,880	330	211	119	714	201	269	183
19	242	155	259	307	1,710	385	583	119	373	183	330	246
20	220	182	244	300	1,140	464	943	116	252	170	300	218
21	208	208	230	297	819	452	469	114	208	161	518	174
22	200	185	233	291	697	380	321	113	186	164	635	156
23	192	200	233	326	599	344	261	116	174	161	407	156
24	186	442	226	655	545	330	228	128	165	153	291	174
25	182	768	1,410	595	526	319	237	117	168	155	233	165
26	179	700	3,050	475	497	344	344	113	183	159	201	159
27	174	500	1,980	441	459	688	319	110	230	179	183	153
28	173	394	1,130	387	429	726	269	119	267	195	171	168
29	170	407	777	349	-----	688	218	137	277	183	177	189
30	167	351	615	340	-----	613	195	126	208	373	177	4,270
31	164	-----	526	353	-----	545	-----	113	-----	285	165	-----
TOTAL	9,739	7,331	15,689	11,287	21,525	14,752	9,641	4,102	6,311	8,179	8,933	9,736
MEAN	314	244	506	364	769	476	321	132	210	264	288	325
MAX	965	768	3,050	655	1,880	965	943	182	714	469	635	4,270
MIN	147	147	214	289	311	319	195	110	103	153	165	144
CFSM	1.53	1.19	2.47	1.78	3.75	2.32	1.57	.65	1.03	1.29	1.41	1.58
IN.	1.77	1.33	2.85	2.05	3.90	2.68	1.75	.74	1.14	1.48	1.62	1.77

CAL YR 1964: TOTAL 186,248 MEAN 509 MAX 5,300 MIN 167 CFSM 2.38 IN 33.78
 WAT YR 1965: TOTAL 172,225 MEAN 349 MAX 4,270 MIN 103 CFSM 1.70 IN 23.08

BLACKWATER RIVER BASIN

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2-3702 Big Juniper Creek near Munson, Fla

Location --Lat 30°51'50", long 86°54'20", in SW 1/4 sec 12, T 4 N, R 27 W, on right bank 300 ft upstream from bridge on State Highway 4, 0.3 mile downstream from Gunstock Branch, 2 miles west of Munson, Santa Rosa County, and 3.7 miles upstream from Sweetwater Creek

Drainage area --36 sq mi, approximately

Records available --January 1958 to September 1965

Gage --Digital water-stage recorder Datum of gage is 70.95 ft above mean sea level, datum of 1929 (Florida State Road Department bench mark) Prior to July 27, 1964, graphic water-stage recorder at same site and datum

Average discharge --7 years, 72.0 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (400 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Oct 7, 1960	0230	788	6.04	Dec 13, 1961	0400	414	4.42	Feb 12, 1963	0500	460	4.63
Feb 19, 1961	1800	468	4.67	Dec 15, 1961	1830	457	4.62				
Feb 23, 1961	1300	592	5.24	Feb 16, 1962	0930	1,850	9.12	Jan 9, 1964	0230	540	5.02
Apr 12, 1961	1000	2,960	11.17	Feb 19, 1962	1100	* 3,850	12.28	Apr 14, 1964	1600	* 1,460	8.86
Apr 16, 1961	0200	733	5.89	Mar 31, 1962	1730	2,920	11.12	Apr 27, 1964	1830	* 1,850	10.14
June 20, 1961	1850	* 3,900	12.34	June 21, 1962	0200	807	6.23	May 2, 1964	1400	978	6.90
Aug 7, 1961	1900	584	5.11								
Sept 14, 1961	2400	592	5.24	Jan 20, 1963	2230	* 783	6.12	Dec 25, 1964	1515	* 1,020	7.09
								Feb 7, 1965	0530	485	4.78

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	June 7,8,9,12, 1961	27	2.29	1964	Oct 22,23,29,30,	17	2.13
1962	Sept 1, 1962	25	2.20				
1965	June 9,10, 1963	19	2.14	1965	July 23,24, 1965	19	2.13

1958-65 Maximum discharge, 3,900 cfs June 20, 1961 (gage height, 12.34 ft), from rating curve extended above 1,800 cfs on basis of velocity-area study, minimum, 17 cfs Oct 22, 23, 29, 30, 1963, minimum gage height, 2.13 ft Oct 22, 23, 29, 30, 1963, July 23, 24, 1965

Remarks --Records good except those above 200 cfs, which are fair

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	34	45	52	127	49	110	219	73	32	50	34	78
2	32	37	42	92	47	178	122	176	30	47	33	110
3	31	36	39	57	45	141	82	124	29	43	79	129
4	30	34	37	48	43	86	81	66	29	66	76	126
5	33	34	37	45	41	75	68	54	28	61	157	67
6	316	33	36	43	83	68	82	49	28	54	377	53
7	540	33	36	41	245	64	153	47	28	49	430	47
8	208	33	34	63	166	68	105	46	28	97	358	71
9	99	33	34	66	85	68	79	102	27	137	202	78
10	71	37	33	48	64	56	103	139	28	110	122	88
11	60	38	38	43	56	53	78	74	29	66	97	84
12	54	36	41	41	52	52	1,540	58	29	85	84	78
13	49	35	36	41	47	57	370	52	29	76	84	108
14	47	35	34	48	45	67	168	46	37	117	81	146
15	45	33	58	46	42	54	327	45	62	84	74	375
16	44	33	84	41	41	48	466	44	79	60	66	189
17	41	34	52	37	40	94	191	40	54	68	56	92
18	40	34	41	36	48	226	122	38	37	85	49	68
19	39	34	38	36	368	153	97	36	71	56	53	61
20	40	33	41	40	323	115	85	36	1,690	49	46	56
21	40	32	108	37	147	102	78	35	990	115	42	52
22	38	32	82	36	189	81	72	35	245	74	43	49
23	37	39	53	37	482	66	67	34	127	54	50	47
24	36	48	45	49	299	56	64	36	236	48	58	45
25	36	38	42	124	180	52	61	48	240	43	99	44
26	35	36	41	202	166	49	58	49	141	39	124	67
27	34	34	42	168	111	71	61	52	103	37	85	166
28	34	53	41	94	85	185	61	43	86	60	57	75
29	34	176	38	72	-----	226	53	37	64	47	48	54
30	33	90	62	63	-----	189	49	35	54	38	45	48
31	42	-----	86	55	-----	180	-----	34	-----	37	61	-----
TOTAL	2,252	1,278	1,483	1,976	3,589	3,090	5,162	1,783	4,690	2,052	3,270	2,746
MEAN	72.6	42.6	47.8	63.7	128	99.7	172	57.5	156	66.2	105	91.5
MAX	540	176	108	202	482	226	1,540	176	1,690	137	430	375
MIN	30	32	33	36	40	48	49	34	27	37	33	44
CFSM	2.02	1.18	1.33	1.77	3.56	2.77	4.78	1.60	4.34	1.84	2.93	2.54
IN.	2.33	1.32	1.53	2.04	3.71	3.19	5.33	1.84	4.85	2.12	3.38	2.84

CAL YR 1960: TOTAL 27,591
WAT YR 1961: TOTAL 33,371

MEAN 75.4
MEAN 91.4

MAX 1,030
MAX 1,690

MIN 27
MIN 27

CFSM 2.09
CFSM 2.54

IN 28.49
IN 34.47

2-3702 Big Juniper Creek near Manson, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	46	34	39	131	51	101	799	68	34	38	50	26
2	44	34	39	92	49	174	213	52	75	34	41	27
3	43	36	39	68	47	185	130	46	107	32	32	27
4	43	46	38	62	49	128	104	44	53	36	30	26
5	42	43	38	72	56	98	94	41	39	61	31	29
6	40	38	39	166	62	83	103	40	35	50	94	42
7	39	38	39	131	54	76	135	38	33	44	63	57
8	40	36	37	101	49	73	120	38	31	64	36	44
9	40	34	36	80	49	71	89	37	31	44	33	36
10	38	34	90	83	70	68	76	36	32	34	30	33
11	38	35	182	78	62	103	72	35	39	31	28	39
12	38	36	221	67	50	103	96	34	54	30	28	38
13	37	36	364	61	47	73	112	38	83	31	28	80
14	38	57	185	60	44	63	82	43	53	31	28	63
15	36	104	288	68	45	114	64	40	55	66	33	67
16	35	96	290	66	981	115	60	37	40	83	38	44
17	35	70	168	57	310	76	56	34	34	49	36	82
18	35	49	159	54	153	64	35	36	31	36	31	95
19	35	44	119	36	1,970	61	33	34	31	34	28	51
20	34	41	85	60	356	60	51	33	100	31	28	38
21	34	39	72	55	178	60	48	32	406	29	38	34
22	34	38	66	53	146	57	46	32	168	28	44	31
23	34	138	62	52	147	75	46	31	122	28	36	30
24	34	153	58	51	144	68	45	31	72	27	33	30
25	34	75	56	51	151	62	44	31	107	31	31	32
26	34	49	54	50	114	63	44	30	67	57	29	38
27	34	44	60	89	95	54	44	30	44	53	28	67
28	34	43	85	128	88	52	113	30	42	40	28	43
29	34	41	68	80	-----	50	267	29	66	41	27	35
30	34	40	57	60	-----	49	138	30	47	40	27	33
31	34	-----	82	54	-----	1,320	-----	30	-----	36	26	-----
TOTAL	1,150	1,601	3,215	2,336	5,617	3,801	3,399	1,140	2,131	1,269	1,093	1,317
MEAN	37.1	53.4	104	75.4	201	123	113	36.8	61.0	40.9	33.3	43.9
MAX	46	153	364	166	1,970	1,320	799	68	406	83	94	95
MIN	34	34	36	50	44	49	44	29	31	27	26	26
CFSM	1.49	1.48	2.48	2.09	5.57	3.41	3.48	1.02	1.14	1.06	0.98	1.22
IN.	1.19	1.65	3.32	2.41	5.80	3.93	3.51	1.18	2.20	1.31	1.13	1.36

CAL YR 1961: TOTAL 34,324

MEAN 94.0

MAX 1,970

MIN 27

CFSM 2.61

IN 35.46

WAT YR 1962: TOTAL 28,069

MEAN 76.9

MAX 1,970

MIN 26

CFSM 2.14

IN 29.00

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	51	29	34	64	64	70	35	66	27	32	50	52
2	133	29	32	57	61	72	35	38	23	28	41	41
3	154	29	30	52	74	64	34	30	22	25	34	41
4	111	29	30	48	72	61	34	28	22	26	30	34
5	59	29	30	46	59	61	33	27	21	25	28	31
6	45	28	33	54	54	117	53	25	21	29	28	28
7	40	28	32	57	51	122	105	24	20	35	25	27
8	38	34	63	50	48	80	70	23	20	40	36	26
9	38	71	68	45	48	66	48	23	19	104	117	25
10	35	48	43	43	47	63	42	22	19	101	104	24
11	33	36	38	82	221	59	38	22	29	56	59	22
12	32	35	38	325	384	57	38	22	28	34	44	23
13	31	35	34	199	186	57	38	28	30	28	38	22
14	31	32	34	118	108	59	35	29	24	26	46	23
15	32	30	35	83	86	89	32	27	22	27	111	25
16	34	30	35	70	75	74	31	24	25	25	74	26
17	32	31	36	63	70	59	31	23	28	27	43	25
18	31	38	34	83	71	53	31	35	44	34	34	25
19	30	40	32	110	249	51	30	50	63	35	31	24
20	29	36	32	585	207	47	29	40	74	54	88	22
21	36	64	32	466	117	44	29	30	57	61	168	22
22	52	98	35	199	96	42	28	31	127	154	101	22
23	40	57	44	120	76	41	28	48	209	102	52	21
24	34	41	50	94	114	41	28	36	107	52	44	20
25	31	38	269	83	135	41	27	29	53	78	36	20
26	30	35	230	79	97	45	27	26	75	111	32	21
27	30	33	108	76	76	53	27	25	53	145	31	44
28	29	33	71	71	70	43	27	24	42	102	52	82
29	29	33	118	66	-----	40	29	40	36	93	75	63
30	29	34	145	64	-----	38	42	61	34	76	165	40
31	30	-----	93	67	-----	36	-----	34	-----	79	86	-----
TOTAL	1,389	1,163	1,938	3,619	3,006	1,844	1,114	990	1,377	1,844	1,903	921
MEAN	44.8	38.8	62.5	117	107	59.5	37.1	31.9	45.9	59.5	61.4	30.7
MAX	154	98	269	585	384	122	105	66	209	154	168	82
MIN	29	28	30	43	47	36	27	22	19	25	25	20
CFSM	1.24	1.08	1.74	3.24	2.98	1.65	1.03	0.89	1.28	1.65	1.71	0.85
IN.	1.43	1.20	2.00	3.74	3.11	1.91	1.15	1.02	1.42	1.90	1.97	.95

CAL YR 1962: TOTAL 26,593

MEAN 72.9

MAX 1,970

MIN 26

CFSM 2.02

IN 27.47

WAT YR 1963: TOTAL 21,110

MEAN 57.8

MAX 585

MIN 19

CFSM 1.61

IN 21.81

2-3702 Big Juniper Creek near Munson, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1												
2	34	20	42	94	90	80	56	101	35	63	70	37
3	31	26	35	63	69	114	54	606	34	53	103	36
4	29	24	38	46	60	246	53	383	33	47	121	35
5	26	22	34	42	55	182	55	160	32	66	63	34
6	25	22	30	43	56	133	52	107	42	162	52	34
7												
8	24	23	28	100	72	104	56	84	166	104	71	37
9	23	21	27	190	62	78	77	72	132	50	96	44
10	22	21	30	240	93	70	70	67	62	40	148	38
11	22	21	32	419	76	67	75	63	46	36	171	35
12	21	22	29	210	60	72	58	61	45	35	130	34
13												
14	21	22	27	110	53	65	51	58	47	44	108	44
15	21	20	33	110	49	58	48	73	44	100	89	112
16	21	19	76	98	48	54	107	180	40	110	71	106
17	22	19	149	73	56	52	885	135	36	114	69	55
18	21	20	133	63	61	56	443	76	33	137	57	44
19												
20	20	20	72	69	85	61	179	61	34	119	51	40
21	20	21	50	148	62	52	107	54	40	75	49	39
22	19	20	43	122	170	48	85	50	43	71	55	38
23	19	20	39	85	182	104	73	47	34	57	53	40
24	19	20	37	162	106	344	67	44	31	56	50	39
25												
26	19	20	37	137	73	192	62	42	29	160	86	36
27	18	20	37	87	69	97	57	41	30	153	122	34
28	18	20	38	90	64	75	56	44	28	80	137	33
29	19	20	38	84	60	69	52	47	31	76	106	32
30	20	36	35	169	89	84	50	45	30	64	73	31
31												
32	20	36	33	190	101	212	86	43	33	77	56	30
33	20	37	32	106	119	155	1,160	39	51	61	49	31
34	19	76	30	84	175	89	549	37	56	62	45	31
35	18	142	29	71	122	73	167	36	67	106	42	31
36	18	85	28	64	-----	64	112	36	73	97	40	32
37	19	-----	52	69	-----	60	-----	35	-----	112	38	-----
TOTAL	668	1,007	1,373	3,638	2,437	3,212	5,002	2,927	1,437	2,587	2,471	1,242
MEAN	21.5	33.6	44.3	117	84.0	104	167	94.4	47.9	83.5	79.7	41.4
MAX	34	142	149	419	182	344	1,160	606	166	162	171	112
MIN	18	19	27	42	48	48	48	35	28	35	38	30
CFSM	.60	.93	1.23	3.26	2.33	2.88	4.63	2.42	1.33	2.32	2.21	1.15
IN.	.69	1.04	1.42	3.76	2.52	3.32	5.17	3.02	1.48	2.67	2.55	1.28

CAL YR 1963: TOTAL 19,668

MEAN 53.9

MAX 188

MIN 18

CFSM 1.10

IN 28.33

WAT YR 1964: TOTAL 28,001

MEAN 78.5

MAX 1,160

MIN 18

CFSM 2.13

IN 28.33

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1												
2	49	31	48	63	49	62	61	33	21	35	38	29
3	58	30	45	58	52	155	54	31	21	36	48	29
4	87	30	44	66	50	168	49	30	21	35	37	36
5	167	30	61	70	46	105	46	29	22	35	30	162
6	210	30	76	58	43	76	44	28	27	31	32	256
7												
8	137	29	60	54	155	67	42	28	25	28	42	115
9	70	29	48	52	419	61	40	27	24	30	44	57
10	53	30	44	49	228	58	39	26	22	54	58	44
11	47	30	43	49	147	55	38	26	22	95	104	37
12	44	30	41	53	103	54	37	25	23	64	96	35
13												
14	41	29	43	53	82	53	36	25	30	58	164	32
15	39	30	82	48	79	53	35	24	32	64	101	31
16	38	42	84	46	123	52	34	23	33	49	75	36
17	43	44	57	46	142	52	32	23	34	43	84	32
18	70	36	47	44	120	49	31	22	42	36	57	28
19												
20	73	34	44	44	92	47	31	22	62	31	43	30
21	52	33	43	44	148	45	30	22	90	31	48	44
22	43	32	49	43	283	54	29	22	81	27	107	34
23	39	32	57	43	187	61	46	22	62	23	106	42
24	37	53	48	42	107	71	105	21	42	21	167	35
25												
26	36	48	47	43	83	62	72	21	32	21	212	30
27	35	37	51	41	73	51	45	24	27	21	177	27
28	34	54	49	64	67	48	39	30	24	20	98	30
29	34	122	46	121	65	48	35	23	25	20	60	53
30	33	169	586	95	81	46	56	23	24	22	47	40
31												
32	33	135	383	63	73	63	84	22	27	22	42	32
33	33	73	186	60	62	110	56	23	42	43	36	30
34	32	62	113	51	58	121	46	27	62	132	33	40
35	32	71	85	47	-----	98	38	25	58	89	41	49
36	32	57	75	49	-----	76	35	23	42	57	35	313
37	32	-----	67	54	-----	67	-----	22	-----	51	31	-----
TOTAL	1,763	1,492	2,752	1,713	3,217	2,188	1,365	774	1,097	1,324	2,493	1,788
MEAN	56.9	49.7	88.8	55.3	113	70.6	45.5	25.0	36.6	44.5	74.5	59.4
MAX	210	169	586	121	419	168	105	33	90	132	212	313
MIN	32	29	41	41	43	45	29	21	21	20	30	27
CFSM	1.58	1.38	2.47	1.53	3.19	1.96	1.26	.69	1.02	1.19	2.05	1.66
IN.	1.82	1.54	2.84	1.77	3.32	2.26	1.41	.80	1.13	1.37	2.37	1.85

CAL YR 1964: TOTAL 30,950

MEAN 84.6

MAX 1,160

MIN 20

CFSM 2.25

IN 22.48

WAT YR 1965: TOTAL 21,766

MEAN 59.6

MAX 586

MIN 20

CFSM 1.26

IN 22.48

BLACKWATER RIVER BASIN

2-3703 West Fork Big Coldwater Creek at Cobtown, Fla

Location --Lat 30°53'00", long 87°06'30" in SE $\frac{1}{4}$ sec 2, T 4 N, R 29 W, near left bank on downstream side of county road bridge, 0.6 mile downstream from Cobb Branch, 0.6 mile east of Cobbtown, Santa Rosa County, and 5.5 miles upstream from Juniper Creek

Drainage area --39.5 sq mi

Records available --January 1958 to January 1962 (discontinued)

Gage --Water-stage recorder Datum of gage is 93.19 ft above mean sea level, datum of 1929

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (300 cfs), October 1960 to January 1962											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	1600	1,180	9.44	Apr 12, 1961	-	* 6,160	13.64	Aug 7, 1961	2030	363	5.49
Feb 23, 1961	0500	399	5.86	Apr 15, 1961	-	449	6.37	Sept 14, 1961	2300	346	5.32
Mar 18, 1961	1530	1,940	10.29	June 20, 1961	1500	2,550	10.87	Dec 15, 1961	1800	352	5.38
Mar 28, 1961	0030	357	5.43	July 12, 1961	0330	325	5.10				
Mar 31, 1961	1600	685	8.42	July 18, 1961	0230	315	5.00				

Annual minimum discharge, October 1960 to January 1962							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	June 8, 1961	46	1.94	1962	Oct 28, 1961	47	1.95

1958-62 Maximum discharge, 6,250 cfs Sept 16, 1960 (gage height, 13.70 ft), minimum, 30 cfs Sept 3, 11, 1958 (gage height, 1.67 ft)

Remarks --Records good except those above 500 cfs, which are fair, and those for period of no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	79	67	66	131	68	150	284	74	53	73	66
2	73	58	58	90	66	174	141	104	52	68	192
3	69	56	57	68	64	115	119	85	51	66	164
4	81	55	55	64	62	97	121	74	51	91	77
5	105	55	55	60	60	93	103	70	49	84	86
6	165	54	55	59	100	88	126	68	48	72	214
7	256	54	54	58	169	86	159	66	48	81	290
8	150	54	53	90	113	90	112	66	47	116	224
9	113	55	52	79	81	82	121	99	48	114	162
10	89	63	52	64	72	74	132	85	51	77	106
11	80	59	64	60	68	72	107	72	56	101	97
12	75	58	58	58	64	72	3,640	68	49	223	100
13	72	55	52	60	62	75	755	64	50	115	91
14	69	55	51	67	60	74	183	62	72	91	84
15	69	54	97	62	58	68	290	62	114	93	85
16	68	54	97	58	58	66	212	60	133	86	86
17	65	55	62	55	56	126	132	55	74	146	76
18	64	55	57	55	81	984	123	53	61	226	68
19	64	55	55	55	693	310	117	51	209	107	63
20	64	53	57	58	388	160	109	50	1,150	85	64
21	64	52	101	55	144	150	103	49	549	170	71
22	62	52	72	53	150	124	99	50	173	168	66
23	61	68	60	56	331	102	96	50	108	97	64
24	59	70	58	70	183	92	92	53	167	84	81
25	58	58	57	157	239	85	89	62	148	74	93
26	57	55	57	217	158	81	88	67	139	68	86
27	56	55	60	147	110	136	93	68	141	84	74
28	56	55	58	96	106	304	90	58	96	119	68
29	55	152	56	87	-----	270	79	56	79	108	65
30	55	109	85	79	-----	245	75	55	73	78	71
31	71	108	72	-----	-----	471	-----	53	-----	73	84
TOTAL	2,524	1,850	1,979	2,440	3,864	5,116	7,990	2,009	4,139	3,238	3,003
MEAN	81.4	61.7	63.8	78.7	138	165	266	64.8	138	104	96.9
MAX	256	152	108	217	693	984	3,640	104	1,150	226	290
MIN	55	52	51	53	56	66	75	49	47	66	63
CFSM	2.06	1.56	1.62	1.99	3.49	4.18	6.74	1.64	3.49	2.64	2.45
IN.	2.38	1.74	1.86	2.30	3.64	4.82	7.52	1.89	3.90	3.05	2.83

CAL YR 1960: TOTAL 34,219 MEAN 93.5 MAX 4,520 MIN 36 CFSM 2.37 IN 32.22
 WAT YR 1961: TOTAL 41,011 MEAN 112 MAX 3,640 MIN 47 CFSM 2.84 IN 38.22

Note --No gage-height record Apr 12-18

DISCHARGE, IN CUBIC FEET PER SECOND, OCTOBER 1961 TO JANUARY 1962																		
DAY	OCT	NOV	DEC	JAN	DAY	OCT	NOV	DEC	JAN	DAY	OCT	NOV	DEC	JAN				
1	55	49	52	98	11	53	49	191	82	21	49	55	74	-				
2	55	49	53	77	12	53	51	138	74	22	50	55	71	-				
3	57	56	53	69	13	53	50	188	71	23	49	136	70	-				
4	58	79	52	66	14	53	109	108	71	24	49	100	67	-				
5	56	62	53	74	15	51	210	233	82	25	49	66	65	-				
6	55	55	54	154	16	50	152	214	79	26	50	62	64	-				
7	55	53	53	108	17	50	100	126	-	27	48	57	74	-				
8	57	49	51	92	18	50	70	105	-	28	48	55	91	-				
9	56	48	55	79	19	49	62	88	-	29	49	54	73	-				
10	55	48	141	97	20	49	58	78	-	30	50	52	68	-				
										31	50	-	81	-				
TOTAL											1,611		2,151		2,884		-	
MEAN											52.0		71.7		93.0		-	
MAX											58		210		233		-	
MIN											48		48		51		-	
CFSM											1.32		1.82		2.36		-	
IN.											1.52		2.03		2.72		-	
CAL YR 1961											TOTAL		41,310		MEAN		113	
WAT YR 1962											TOTAL				MAX		3,640	
											MIN		47		CFSM		2.87	
											IN		38.89					

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Location --Lat 30°42'30" long 86°58'20" in SW 1/4 sec 5, T 2 N, R 27 W, at right bank on downstream side of bridge on State Highway 191, 2 1/4 miles upstream from mouth, and 6 1/2 miles northeast of Milton, Santa Rosa County

Records available --October 1938 to September 1965 Monthly discharge only for some periods, published in WSP 1304 Prior to October 1956, published as Coldwater Creek near Milton October 1956 to September 1957, published as Big Coldwater River near Milton

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	1900	3,580	8 02	Feb 17, 1962	0930	4,470	8 82	Apr 15, 1964	1000	3,310	8 60
Apr 24, 1961	1800	3,060	7 60	Feb 20, 1962	0800	7,420	10 75	Apr 28, 1964	1300	* 9,240	12 12
Apr 13, 1961	0900	* 3,000	12 40	Apr 1, 1962	1800	* 8,540	11 40	May 3, 1964	1630	3,010	8 51
June 21, 1961	1800	9,920	12 01								
Sept 16, 1961	0500	3,400	7 88	Jan 21, 1963	1430	* 2,830	7 61	Dec 26, 1964	0900	* 2,650	7 95

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 7, 1960	369	3 17	1964	Nov 15-15, 1963	239	2 87
1962	Aug 15,14, 1962	292	3 16	1965	June 4, 1965	277	3 06
1963	June 10, 1965	239	2 81				

Remarks --Records good except those prior to October 1963 and those above 1,000 cfs, which are fair
Records of chemical analyses for the 1962 water year are published in reports of the Geological
Survey

Revisions (water years) --WSP 892 1939 WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT
1	496	458	514	904	480	950	1,930	554	405	684	565	845
2	458	411	428	819	462	1,300	1,360	1,080	399	610	535	1,380
3	432	391	403	590	450	1,150	894	943	395	574	598	1,580
4	422	379	395	501	438	884	786	680	391	595	684	1,110
5	505	373	391	465	422	775	719	583	391	622	830	880
6	901	373	387	448	607	730	716	541	385	589	1,450	719
7	1,920	371	385	438	1,270	691	1,010	520	383	628	2,090	646
8	1,440	373	383	505	1,040	684	929	505	381	988	2,480	702
9	887	377	381	601	747	684	754	684	389	1,020	1,840	943
10	661	405	379	514	607	622	831	817	403	999	1,170	944
11	568	409	399	462	535	580	789	649	425	796	894	943
12	514	399	425	442	496	565	2,910	568	405	898	820	845
13	480	391	399	440	472	574	8,770	529	397	859	782	1,090
14	458	389	387	458	452	613	2,860	499	418	789	852	1,110
15	448	383	475	468	438	577	1,510	480	622	740	915	2,110
16	440	381	661	452	425	541	2,370	475	778	747	789	2,490
17	425	385	547	435	415	754	1,710	458	625	915	691	1,070
18	413	385	455	422	450	1,700	1,040	442	485	1,100	631	820
19	407	389	422	422	1,880	2,100	868	432	547	963	583	731
20	409	383	422	432	3,040	1,840	778	428	3,260	730	571	680
21	403	381	604	430	2,300	1,080	722	425	8,750	828	652	640
22	397	379	610	415	1,300	936	694	420	4,520	1,130	583	607
23	391	407	485	411	2,010	800	667	418	1,630	873	586	566
24	387	460	442	422	2,170	648	643	428	1,140	688	550	680
25	383	425	425	682	1,690	622	622	490	1,610	622	940	544
26	381	399	418	1,110	1,660	586	601	541	1,760	702	988	535
27	377	389	420	1,150	1,090	586	613	547	1,090	736	817	649
28	377	399	420	859	884	1,000	670	549	998	688	670	688
29	375	406	569	0	-----	1,950	295	370	775	761	601	513
30	375	716	448	586	-----	1,550	544	428	705	649	577	529
31	422	-----	577	520	-----	1,300	-----	411	-----	640	652	-----
TOTAL	16,952	12,546	13,896	17,497	28,782	29,012	39,395	16,924	34,738	24,348	27,476	27,450
MAX	1,920	786	661	1,150	3,040	2,100	8,770	1,080	8,750	1,130	2,480	2,490
MIN	373	371	379	411	415	541	544	411	381	574	535	529
CFSM	2.31	1.76	1.89	2.38	4.34	3.95	5.61	2.30	4.83	3.31	3.74	3.66

2-3705 Big Coldwater Creek near Milton, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	514	430	426	810	504	738	6,160	772	318	368	498
2	505	430	428	686	491	1,000	3,680	590	440	346	493
3	505	432	428	590	481	1,240	1,260	504	565	334	383
4	508	490	426	554	488	982	910	452	585	328	346
5	496	535	418	656	532	802	794	423	471	354	330
6	482	488	418	1,030	540	705	766	403	440	365	374
7	478	465	416	942	527	653	964	390	374	493	517
8	482	448	407	790	496	626	959	374	344	769	330
9	480	428	405	706	488	617	734	363	350	629	328
10	470	418	910	703	543	608	659	357	357	435	312
11	458	418	1,660	703	565	635	629	354	440	376	300
12	452	428	1,430	626	517	665	710	357	738	350	296
13	450	435	1,700	585	488	605	986	357	772	357	294
14	452	523	1,320	568	476	557	766	396	647	403	294
15	445	908	1,330	590	469	717	626	376	483	372	296
16	435	1,080	1,930	626	1,340	838	568	361	433	511	306
17	432	874	1,390	576	3,730	659	532	357	423	506	308
18	430	656	1,180	543	1,770	574	519	363	365	396	298
19	428	530	910	540	2,280	543	504	363	344	352	306
20	425	483	738	557	6,050	530	491	354	372	334	440
21	420	452	650	540	2,240	532	471	346	588	322	398
22	425	438	611	524	1,320	522	454	350	554	312	450
23	428	709	588	519	1,300	568	445	342	493	310	474
24	428	1,000	560	514	1,200	579	435	338	599	306	359
25	428	663	535	519	1,120	532	430	332	665	410	383
26	428	527	519	527	930	522	430	326	540	350	403
27	420	483	562	590	810	501	426	322	426	483	421
28	415	468	653	794	744	483	684	322	385	435	390
29	420	450	608	683	-----	476	1,560	318	392	426	312
30	428	433	540	571	-----	481	1,500	318	409	401	318
31	430	-----	608	527	-----	1,280	-----	316	-----	392	308
TOTAL	13,997	16,538	24,704	19,689	32,439	20,861	30,072	11,896	14,312	12,425	10,821
MEAN	452	531	797	635	1,159	673	1,002	384	461	401	349
MAX	514	1,080	1,930	1,030	6,050	1,280	6,160	772	772	769	498
MIN	415	418	405	514	469	476	426	316	318	306	294
CFSM	1.91	2.33	3.36	2.68	4.89	2.84	4.23	1.62	2.01	1.69	1.47
IN.	2.20	2.60	3.88	3.09	5.09	3.27	4.72	1.87	2.25	1.95	1.70

CAL YR 1961: TOTAL 300,968 MEAN 825 MAX 8,770 MIN 381 CFSM 3.48 IN 47.23
 MAY YR 1962: TOTAL 220,762 MEAN 605 MAX 6,160 MIN 294 CFSM 2.58 IN 34.64

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	382	315	328	495	468	500	352	410	279	535	388
2	625	312	322	440	455	508	350	355	266	400	355
3	712	312	315	412	462	462	348	328	260	365	328
4	625	315	315	392	485	460	345	312	254	345	310
5	480	312	318	382	450	455	342	302	252	320	298
6	415	312	320	402	428	635	382	293	250	298	312
7	380	312	320	425	415	820	530	286	246	291	305
8	362	345	370	398	405	525	552	282	246	305	291
9	355	432	460	375	395	528	442	277	243	498	328
10	342	425	395	360	390	492	395	273	266	630	390
11	330	368	365	508	522	470	370	269	298	478	380
12	322	360	352	1,460	1,390	458	352	266	282	365	350
13	318	360	342	1,300	1,110	450	345	273	273	320	315
14	318	348	335	792	680	450	335	308	264	302	428
15	325	332	338	615	555	488	322	305	269	295	700
16	480	330	340	530	500	532	318	312	340	330	548
17	410	332	342	495	468	480	315	275	388	300	405
18	350	358	335	530	465	452	312	325	462	318	342
19	338	360	332	600	919	432	310	440	520	348	312
20	322	352	328	1,510	1,240	418	308	402	622	330	345
21	345	428	328	2,660	779	398	305	378	528	312	435
22	448	630	358	1,850	605	380	302	340	1,070	380	410
23	408	522	355	911	538	375	300	332	1,510	405	368
24	358	412	380	700	628	370	300	318	895	672	345
25	332	372	935	605	752	370	295	295	580	940	312
26	322	352	1,170	562	645	382	293	284	565	810	295
27	320	338	695	545	558	418	293	277	535	718	308
28	318	328	532	520	510	410	295	273	485	600	530
29	318	328	652	490	-----	385	348	288	452	568	442
30	322	330	824	495	-----	370	425	330	460	465	350
31	322	-----	632	475	-----	360	-----	298	-----	455	450
TOTAL	12,004	10,932	13,715	22,214	17,217	14,353	10,481	9,710	13,353	13,701	11,804
MEAN	387	364	442	717	1,155	463	349	313	445	442	381
MAX	712	630	1,170	2,660	1,390	820	552	440	1,510	940	700
MIN	318	312	315	360	390	360	293	266	263	291	295
CFSM	1.63	1.54	1.87	3.02	2.59	1.95	1.47	1.32	1.88	1.86	1.61
IN.	1.88	1.72	2.15	3.49	2.70	2.25	1.64	1.52	2.10	2.15	1.85

CAL YR 1962: TOTAL 202,174 MEAN 358 MAX 9,180 MIN 294 CFSM 2.34 IN 31.73
 MAY YR 1963: TOTAL 158,782 MEAN 258 MAX 2,660 MIN 243 CFSM 1.84 IN 24.92

BLACKWATER RIVER BASIN

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2-3705 Big Coldwater Creek near Milton, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	312	255	450	578	600	600	442	948	370	610	668	388
2	300	278	365	535	568	647	430	1,250	368	488	1,100	378
3	290	270	348	435	505	1,300	420	2,620	360	435	952	370
4	280	265	332	388	470	1,500	425	1,970	355	430	625	365
5	272	262	308	375	470	1,080	420	1,040	365	764	572	362
6	265	268	290	542	510	864	510	782	644	641	956	370
7	260	265	282	1,050	500	683	570	693	538	472	872	408
8	255	258	290	1,240	558	582	525	626	435	410	888	400
9	250	258	295	1,800	570	540	528	585	405	382	1,120	375
10	245	262	282	1,740	502	520	488	562	470	368	1,040	365
11	245	258	275	1,020	460	490	442	542	460	408	824	402
12	241	250	338	800	438	462	420	550	442	683	701	580
13	241	243	478	728	430	440	462	1,070	462	782	602	595
14	245	239	800	605	440	425	1,730	1,180	392	755	562	475
15	243	241	836	530	478	435	2,930	740	360	924	522	422
16	241	241	623	518	515	482	1,690	588	348	776	482	398
17	241	243	475	431	485	445	894	530	615	632	468	388
18	241	243	408	779	755	410	686	495	635	550	475	382
19	241	243	370	635	1,000	480	595	470	445	528	485	405
20	241	243	345	820	716	1,180	545	450	390	505	552	398
21	241	245	338	968	558	1,200	502	440	362	572	752	375
22	241	243	332	701	508	743	478	430	345	788	844	360
23	243	398	325	635	475	580	472	420	330	647	980	355
24	250	472	315	620	450	530	460	420	350	542	928	352
25	258	355	302	904	510	540	440	575	378	545	743	345
26	260	315	295	1,030	610	844	653	515	440	525	570	342
27	260	320	290	704	604	872	2,470	460	502	460	502	348
28	258	408	282	608	964	662	7,000	402	515	552	458	350
29	248	804	275	562	782	552	2,760	382	752	776	430	352
30	243	683	270	512	-----	498	1,240	378	892	785	412	355
31	245	-----	355	518	-----	460	-----	372	-----	641	400	-----
TOTAL	7,896	9,330	11,569	23,611	16,507	21,136	31,832	22,480	13,681	18,396	21,483	11,700
MEAN	255	311	373	752	524	682	1,001	724	435	578	662	362
MAX	312	338	450	578	600	647	1,300	2,620	892	924	1,120	595
MIN	241	239	270	375	430	410	420	372	330	368	400	342
CFSM	1.07	1.31	1.57	3.21	2.40	2.88	4.48	3.06	1.92	2.50	2.92	1.65
IN.	1.24	1.46	1.82	3.71	2.59	3.32	5.00	3.52	2.15	2.89	3.37	1.85

CAL YR 1963: TOTAL 150,926 MEAN 413 MAX 2,660 MIN 239 CFSM 1.74 IN 23.68
 MAY YR 1964: TOTAL 209,651 MEAN 573 MAX 7,000 MIN 239 CFSM 2.42 IN 32.90

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	430	321	440	550	442	518	532	323	297	350	485	342
2	540	317	412	515	432	904	492	319	285	355	550	338
3	616	317	400	505	425	1,320	462	317	281	360	458	348
4	1,140	317	522	522	970	438	470	315	287	405	505	500
5	1,330	315	488	490	388	702	420	313	368	352	442	762
6	1,250	313	428	462	707	609	405	311	418	317	415	603
7	735	313	390	448	1,740	560	392	309	375	319	418	445
8	542	317	432	432	2,200	528	385	307	375	370	500	382
9	472	319	368	425	1,580	505	378	305	340	530	678	352
10	432	319	362	442	938	490	372	303	368	538	675	360
11	402	317	370	430	738	482	365	301	651	500	1,120	355
12	385	321	512	412	675	475	360	299	1,140	535	878	345
13	375	365	575	400	850	472	352	297	798	490	834	325
14	390	425	475	392	995	472	342	295	580	420	726	317
15	508	392	412	388	910	460	338	293	810	380	542	309
16	684	355	388	390	729	445	332	293	918	348	480	315
17	590	345	378	382	846	435	328	291	926	330	598	319
18	470	340	380	372	1,420	465	323	291	1,200	317	635	311
19	412	338	428	372	1,450	560	335	289	723	303	630	332
20	380	412	408	372	914	562	492	287	502	293	687	338
21	365	442	395	375	702	535	515	285	428	293	806	317
22	358	408	458	468	478	478	422	283	395	297	822	307
23	350	395	405	448	568	458	455	281	355	285	590	303
24	345	624	398	778	548	450	425	319	350	281	485	355
25	342	1,000	1,560	754	660	445	400	330	340	283	442	420
26	338	938	2,550	572	669	468	420	297	325	299	408	362
27	338	645	2,070	530	562	585	428	285	380	442	375	340
28	338	535	1,170	478	520	882	375	305	455	530	370	358
29	335	552	782	438	-----	922	345	502	500	520	425	582
30	330	502	657	492	-----	684	330	408	395	708	395	1,500
31	325	-----	590	472	-----	575	-----	319	-----	600	358	-----
TOTAL	16,047	12,789	19,403	14,412	23,425	18,416	11,958	9,672	15,565	12,344	17,620	12,542
MEAN	518	426	626	465	837	594	399	312	519	398	568	418
MAX	1,330	1,000	2,550	778	2,200	1,320	532	502	1,200	708	1,120	1,500
MIN	325	313	362	368	388	435	323	281	281	281	358	303
CFSM	2.18	1.80	2.64	1.96	3.53	2.51	1.68	1.32	2.19	1.68	2.40	1.76
IN.	2.52	2.01	3.04	2.26	3.68	2.89	1.88	1.52	2.44	1.94	2.76	1.97

CAL YR 1964: TOTAL 229,095 MEAN 626 MAX 7,000 MIN 313 CFSM 2.44 IN 35.93
 MAY YR 1965: TOTAL 184,193 MEAN 505 MAX 2,550 MIN 281 CFSM 2.13 IN 28.90

2-3707 Pond Creek near Milton, Fla

Location --Lat 30°40'50", long 87°07'55", in SE $\frac{1}{4}$ sec 15, T 2 N, R 29 W, near center of span on downstream side of bridge on State Highway 191, 0.6 mile downstream from Reader Creek, 6.4 miles northwest of Milton, Santa Rosa County, and 9.8 miles upstream from mouth

Drainage area --58.7 sq mi

Records available --January 1958 to September 1965

Gage --Digital water-stage recorder Datum of gage is 47.45 ft above mean sea level, datum of 1929 Prior to July 28, 1964, graphic water-stage recorder at same site and datum

Average discharge --7 years, 84.2 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (250 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Oct 6, 1960	2230	496	7.24	Dec 11, 1961	0800	* 488	7.22	Jan 9, 1964	0100	290	6.45
Feb 19, 1961	2000	459	7.13	Dec 16, 1961	0900	388	6.89	Apr 15, 1964	0600	536	7.34
Feb 23, 1961	2130	352	6.75	Apr 1, 1962	1100	465	7.15	Apr 27, 1964	0830	* 1,940	9.75
Apr 12, 1961	2130	1,070	8.43	June 13, 1962	0200	250	6.23				
June 21, 1961	0130	* 1,190	8.65					Dec 25, 1964	2215	* 468	7.16
Aug 8, 1961	1800	342	6.71	June 23, 1963	1200	* 390	6.90	Feb 7, 1965	1615	328	6.64
								Sept 30, 1965	0930	272	6.36

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	June 6,7,8, 1961	61	3.32	1964	Oct 15-23,29,30, 1963	43	b 2.92
1962	Sept 4,5,6, 1962	49	a 2.99	1965	June 3,4, 1965	46	3.01
1963	June 14,15, 1963	38	2.79				

a Occurred Sept 5, 6, 1962

b Occurred Oct 29, 30, 1963

1958-65 Maximum discharge, 3,380 cfs Sept 16, 1960 (gage height, 11.52 ft), minimum, 38 cfs June 14, 15, 1963, minimum gage height, 2.64 ft June 13, 1958

Remarks --Records fair except those between 120 cfs and 420 cfs, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	95	94	82	109	72	132	143	95	66	103	75
2	92	79	76	83	72	174	120	115	65	137	76
3	90	75	75	74	72	136	104	101	64	106	107
4	88	74	74	72	70	109	99	90	64	104	105
5	95	74	73	71	69	105	94	86	63	99	104
6	296	74	72	71	118	102	104	83	62	89	194
7	310	73	72	70	236	100	144	83	62	88	233
8	180	72	72	87	172	103	112	81	61	124	292
9	112	73	72	86	93	100	98	111	64	132	257
10	100	84	71	73	82	91	100	104	65	166	167
11	96	82	80	71	79	88	96	87	82	132	120
12	92	76	77	70	76	89	482	85	69	125	103
13	90	74	71	72	74	92	492	81	65	152	101
14	88	73	70	76	73	96	274	80	69	124	114
15	87	72	101	72	72	88	232	79	91	111	107
16	88	72	106	69	72	94	244	79	105	102	104
17	85	73	79	68	71	126	204	75	78	95	123
18	83	73	73	66	91	197	134	73	71	104	95
19	82	73	72	68	370	182	112	72	75	117	86
20	85	71	74	71	334	145	105	72	626	112	83
21	83	71	107	68	183	134	101	71	720	176	86
22	81	70	84	66	188	112	99	71	294	136	85
23	79	66	75	66	320	101	97	71	198	105	86
24	78	62	73	76	288	94	94	81	178	99	101
25	77	74	72	118	207	90	94	92	189	90	128
26	76	72	72	139	194	87	93	92	168	94	114
27	75	71	73	108	134	92	98	86	136	100	96
28	75	78	72	83	116	134	113	75	107	104	87
29	74	172	70	83	-----	168	96	72	95	89	83
30	75	134	75	77	-----	142	88	70	89	80	91
31	99	-----	86	73	-----	131	-----	67	-----	78	100
TOTAL	3,206	2,421	2,401	2,456	3,998	3,634	4,466	2,582	4,145	3,473	3,703
MEAN	103	80.7	77.5	79.2	143	117	149	83.3	138	112	119
MAX	310	172	107	139	370	197	492	115	720	176	292
MIN	74	70	70	66	69	87	88	67	61	78	75
CFSM	1.76	1.27	1.32	1.35	2.43	2.00	2.54	1.42	2.35	1.91	2.03
IN.	2.03	1.53	1.52	1.56	2.53	2.30	2.83	1.64	2.63	2.20	2.35
CAL YR 1960	TOTAL 37,991			MEAN 104	MAX 2,460	MIN 57	CFSM 1.77	IN 24.07			
WAT YR 1961	TOTAL 39,522			MEAN 108	MAX 720	MIN 61	CFSM 1.84	IN 25.04			

2-3707 Pond Creek near Milton, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	82	65	66	135	79	86	370	83	55	62	56	50
2	75	65	67	105	79	115	194	75	59	58	54	50
3	75	69	66	92	78	107	110	71	64	56	54	50
4	76	81	66	88	82	91	94	68	57	55	53	50
5	72	73	66	102	84	88	88	66	56	57	53	49
6	71	69	66	179	79	81	90	65	60	67	52	70
7	71	68	65	145	78	79	91	64	59	123	52	109
8	72	65	64	116	76	79	86	63	56	106	54	99
9	71	64	65	103	78	78	82	62	58	65	58	69
10	69	64	109	110	91	78	80	62	64	58	52	59
11	68	64	420	104	82	80	81	62	80	55	50	58
12	68	65	266	93	76	81	92	62	173	54	52	72
13	68	65	256	90	75	75	94	62	192	55	52	72
14	68	112	168	89	74	73	81	61	132	75	52	62
15	66	159	170	94	74	120	78	61	79	105	51	92
16	66	118	316	93	136	104	75	60	68	72	53	93
17	66	96	202	86	118	81	73	60	66	65	55	112
18	65	82	181	84	88	77	73	61	66	59	53	88
19	65	72	128	88	168	76	59	59	63	59	52	72
20	65	72	104	93	142	75	72	58	60	56	81	62
21	65	69	96	86	116	77	71	58	62	54	98	58
22	65	69	93	84	107	74	70	58	69	53	90	55
23	65	135	91	84	96	88	70	57	63	53	67	55
24	65	108	88	83	114	80	69	57	79	53	69	55
25	65	78	86	83	105	75	69	56	77	53	56	56
26	65	73	86	82	91	74	69	56	64	56	54	61
27	64	71	99	101	86	72	69	56	58	60	53	61
28	64	70	109	114	83	70	91	54	59	52	52	55
29	64	69	92	88	-----	70	170	55	110	60	52	54
30	65	67	87	82	-----	70	114	55	73	64	60	53
31	65	-----	99	81	-----	237	-----	55	-----	56	52	-----
TOTAL	2,111	2,400	4,017	3,057	2,635	2,711	2,939	1,704	2,291	1,983	1,788	2,001
MEAN	68.1	80.0	130	98.6	84.1	87.5	93.0	61.4	76.4	64.0	57.7	65.4
MAX	82	159	420	179	168	237	370	83	192	123	98	112
MIN	64	64	64	81	74	70	69	55	55	53	50	49
CFSM	1.16	1.36	2.21	1.68	1.60	1.49	1.67	1.05	1.30	1.09	.98	1.14
IN.	1.34	1.52	2.55	1.94	1.67	1.72	1.86	1.21	1.45	1.26	1.13	1.27

CAL YR 1961: TOTAL 40,022

MEAN 110

MAX 420

MIN 61

CFSM 1.87

IN 23.36

WAT YR 1962: TOTAL 29,837

MEAN 81.7

MAX 420

MIN 49

CFSM 1.39

IN 18.96

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	70	48	50	59	66	71	94	84	42	70	68	53
2	130	48	49	57	64	72	54	55	41	60	58	57
3	104	49	48	55	72	67	54	51	40	54	52	67
4	74	49	49	54	64	64	54	50	40	51	50	59
5	58	49	49	54	62	67	54	49	40	50	52	51
6	54	48	50	58	61	110	67	48	40	48	66	49
7	53	48	49	57	60	92	96	47	40	47	56	48
8	54	58	60	54	59	70	66	46	39	46	76	47
9	60	74	62	53	59	67	60	46	39	90	64	46
10	53	55	52	52	59	67	57	46	39	120	67	46
11	51	51	50	67	106	66	55	45	40	110	76	46
12	51	52	50	174	171	66	54	45	40	97	58	48
13	50	51	49	143	102	68	52	45	40	87	52	55
14	50	49	49	80	76	76	51	46	39	77	72	56
15	50	49	50	69	68	67	51	58	39	71	119	50
16	50	49	50	64	65	64	51	47	42	65	68	49
17	49	51	49	63	64	64	51	44	52	60	55	49
18	49	58	49	82	66	62	51	44	80	70	51	48
19	49	57	49	87	159	62	51	62	98	64	50	47
20	48	54	49	194	140	61	51	64	116	59	54	46
21	51	84	48	238	85	58	50	63	92	80	60	45
22	71	99	54	152	73	57	50	51	160	72	68	46
23	54	60	54	92	69	57	50	55	320	66	59	45
24	49	53	56	80	102	57	49	49	173	100	60	44
25	48	51	155	74	102	57	48	46	98	158	52	44
26	48	51	120	73	79	59	49	44	93	132	49	44
27	48	50	70	74	72	59	49	43	84	103	49	70
28	48	50	62	69	69	57	49	43	73	64	92	77
29	48	50	64	66	-----	55	77	44	62	60	98	65
30	49	50	94	67	-----	54	90	44	63	70	59	52
31	49	-----	66	68	-----	54	-----	42	-----	64	60	-----
TOTAL	1,770	1,645	1,885	2,629	2,298	2,029	1,695	1,546	2,204	2,365	1,970	1,949
MEAN	57.1	54.8	60.8	84.8	82.1	65.5	56.5	49.4	73.5	76.3	63.5	51.6
MAX	130	99	155	238	171	110	96	84	320	158	119	77
MIN	48	48	48	52	59	54	48	42	39	46	49	44
CFSM	.97	.93	1.04	1.44	1.40	1.12	.96	.85	1.25	1.30	1.08	.88
IN.	1.12	1.04	1.19	1.67	1.46	1.29	1.07	.98	1.40	1.50	1.25	.98

CAL YR 1962: TOTAL 26,609

MEAN 72.9

MAX 370

MIN 39

CFSM 1.24

IN 16.96

WAT YR 1963: TOTAL 23,585

MEAN 64.6

MAX 320

MIN 39

CFSM 1.10

IN 14.96

2-3707 Pond Creek near Milton, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	49	45	51	100	92	72	65	152	69	82	78	64
2	48	47	49	58	71	98	64	166	67	81	94	63
3	47	46	52	51	65	156	66	169	66	67	66	62
4	46	46	49	50	62	120	67	143	64	70	60	62
5	46	46	48	52	68	107	64	117	65	78	66	62
6	45	46	47	106	76	86	84	106	112	64	144	66
7	44	46	46	175	68	76	123	100	86	58	139	74
8	44	46	49	142	86	72	88	96	72	56	102	66
9	44	46	48	250	70	72	80	94	71	56	166	63
10	44	49	46	165	63	70	69	92	74	57	154	62
11	44	47	46	82	60	67	65	90	70	74	114	66
12	44	45	66	98	59	65	64	102	66	128	102	90
13	44	44	113	84	60	64	90	212	63	86	102	72
14	44	44	124	66	62	63	350	145	61	92	84	64
15	44	45	80	63	66	69	411	99	60	100	74	63
16	44	45	57	68	75	70	169	90	64	106	70	63
17	44	45	52	132	63	64	105	86	80	74	69	63
18	43	45	51	90	137	62	90	82	68	69	70	63
19	43	45	50	72	109	84	86	80	62	65	72	74
20	43	44	49	114	72	164	80	78	60	63	94	74
21	43	44	51	86	65	102	78	76	62	63	189	63
22	43	44	50	70	69	74	76	76	67	64	130	60
23	44	42	49	81	65	69	80	74	60	69	156	60
24	43	60	49	76	62	72	76	74	59	81	115	60
25	45	49	48	124	85	84	73	76	65	76	86	58
26	45	48	48	116	81	142	158	74	78	72	76	58
27	45	54	47	76	105	98	1,140	71	80	64	73	59
28	44	94	46	72	140	77	480	70	92	80	70	59
29	43	140	46	67	86	72	245	68	74	88	68	60
30	43	64	45	64	-----	67	171	68	94	72	66	60
31	44	-----	76	76	-----	65	-----	68	-----	64	66	-----
TOTAL	1,378	1,571	1,728	2,926	2,623	2,623	4,855	3,094	2,131	2,319	3,017	1,933
MEAN	44.5	52.4	55.7	94.4	77.3	84.6	162	99.8	71.0	74.8	97.3	64.4
MAX	49	140	124	250	140	164	1,140	212	112	128	189	90
MIN	43	44	45	50	59	62	64	68	59	56	60	58
CFSM	1.76	1.89	1.95	1.61	1.32	1.44	2.76	1.70	1.21	1.27	1.66	1.10
IN.	.87	1.00	1.09	1.85	1.42	1.66	3.08	1.96	1.35	1.47	1.91	1.22

CAL YR 1963: TOTAL 22,962 MEAN 62.9 MAX 320 MIN 39 CFSM 1.07 IN 14.55
 WAT YR 1964: TOTAL 29,817 MEAN 81.5 MAX 1,140 MIN 43 CFSM 1.39 IN 18.89

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	81	60	68	76	78	87	77	60	47	69	72	63
2	69	60	67	75	75	150	75	59	47	77	100	60
3	125	60	67	79	71	132	73	59	47	82	68	62
4	175	60	74	75	69	97	72	58	48	69	63	62
5	170	60	73	72	67	88	71	58	66	62	68	65
6	93	59	66	72	148	84	70	57	56	61	62	57
7	75	60	65	71	289	82	70	57	65	61	60	54
8	71	61	64	70	208	80	69	56	60	66	69	52
9	69	60	64	70	128	79	68	56	52	95	103	52
10	67	60	64	79	98	79	68	55	66	100	80	58
11	66	60	65	74	88	79	68	55	131	71	115	61
12	65	60	80	70	92	79	68	54	111	68	111	56
13	65	76	72	69	129	80	66	54	185	63	82	53
14	70	69	65	69	124	81	65	53	102	63	69	52
15	110	63	63	68	103	77	65	53	150	61	63	51
16	92	62	63	68	93	76	64	52	119	63	63	51
17	72	62	63	67	119	76	63	52	102	72	68	52
18	67	62	63	67	165	77	64	52	122	60	64	52
19	65	61	63	67	126	77	65	52	81	57	70	51
20	64	82	63	67	95	97	75	51	70	55	71	50
21	63	71	64	68	88	81	69	51	66	61	70	49
22	63	63	66	66	84	76	70	50	64	59	70	49
23	62	75	65	92	83	75	66	50	62	57	64	50
24	62	119	64	135	86	76	64	52	65	56	60	55
25	62	165	360	85	117	75	67	57	75	56	64	58
26	62	105	329	76	91	78	72	51	71	59	94	51
27	62	75	144	73	83	95	70	50	89	71	64	51
28	62	84	91	69	81	117	64	52	86	67	59	57
29	62	89	83	68	-----	95	61	55	102	77	78	76
30	61	73	80	97	-----	80	60	50	70	82	63	235
31	61	-----	78	111	-----	78	-----	48	-----	63	58	-----
TOTAL	2,413	2,176	2,756	2,365	3,078	2,678	2,036	1,669	2,477	2,083	2,265	1,845
MEAN	77.8	72.5	88.9	76.3	110	86.4	67.9	53.8	82.6	67.2	73.1	61.5
MAX	175	165	360	135	289	150	77	60	185	100	115	235
MIN	61	59	63	66	67	75	60	48	47	55	58	49
CFSM	1.33	1.24	1.51	1.30	1.87	1.47	1.16	0.92	1.41	1.14	1.24	1.05
IN.	1.53	1.38	1.75	1.50	1.95	1.70	1.29	1.06	1.57	1.32	1.44	1.17

CAL YR 1964: TOTAL 32,485 MEAN 88.8 MAX 1,140 MIN 50 CFSM 1.51 IN 20.28
 WAT YR 1965: TOTAL 27,841 MEAN 76.3 MAX 360 MIN 47 CFSM 1.30 IN 17.64

BLACKWATER RIVER BASIN

201

2-3707 5 Hurricane Branch near Milton, Fla

Location --Lat 30°40'20", long 87°08'20", in N $\frac{1}{4}$ sec 22, T 2 N, R 29 W, on left bank, 0.6 mile upstream from mouth and 7 miles northwest of Milton, Santa Rosa County

Drainage area --2.95 sq mi

Records available --March 1960 to January 1962 Annual maximums, water years 1962-65

Gage --Crest-stage gage Datum of gage is 68.33 ft above mean sea level, datum of 1929 Prior to January 1962, water-stage recorder at same site and datum

Extremes --1960 Maximum discharges for period March 1960 to September 1965, and minimum discharges for period March 1960 to January 1962 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1960	Sept 16, 1960	514	4.95	At times	2.7	a 2.70
1961	June 20, 1961	272	4.60	June 6, 7, 8, 1961	2.5	b 2.85
1962	Mar 31, 1962	79	4.04	Oct 6, 1961	3.0	c 2.98
1963	-	-	(d)	-	-	-
1964	Apr 27, 1964	1,680	5.69	-	-	-
1965	Dec 25, 1964	100	4.15	-	-	-

a Occurred Sept 7, 1960

b Occurred June 8, 1961

c Occurred Oct 27, 1961

d Stage did not reach bottom of gage, discharge less than 26 cfs

1960-65 Maximum discharge, 1,680 cfs Apr 27, 1964 (gage height, 5.69 ft)

1960-62 Minimum discharge, 2.5 cfs June 6, 7, 8, 1961, minimum gage height, 2.70 ft
Sept 7, 1960

Remarks --Records poor Records of water temperatures for the 1962 water year are published in reports of the Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, MARCH TO SEPTEMBER 1960

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
1						-	5.2	2.8	3.5	3.4	3.6	3.0
2						-	2.2	2.8	4.0	3.3	9.2	3.5
3						-	3.4	2.8	5.3	3.3	5.9	3.3
4						-	1.6	2.9	3.7	4.4	4.8	3.0
5						-	6.2	4.7	3.4	4.4	6.0	2.9
6						-	4.5	4.4	3.2	5.3	3.4	2.8
7						-	4.2	2.3	3.2	3.5	3.2	2.8
8						-	3.9	8.0	3.4	4.3	3.2	3.0
9						-	3.8	4.5	5.7	7.8	4.2	3.4
10						-	3.6	5.2	3.4	5.2	4.5	3.4
11						-	3.6	4.6	3.2	4.4	3.8	3.0
12						-	3.6	4.9	3.2	3.5	6.5	2.9
13						-	3.6	4.2	3.2	3.4	3.6	2.8
14						-	3.5	3.9	3.2	3.7	3.2	2.9
15						-	3.4	3.9	3.1	5.5	3.3	3.9
16						-	3.4	3.8	3.1	7.2	3.8	1.40
17						-	3.4	3.7	4.1	3.9	3.9	1.13
18						3.1	6.5	3.6	4.3	4.7	3.3	7.1
19						3.0	3.8	3.6	3.4	5.0	3.2	5.7
20						3.0	3.3	3.5	9.6	3.6	3.4	5.2
21						3.0	3.2	3.5	7.3	3.5	4.4	4.9
22						2.9	3.2	3.5	4.4	4.0	4.6	4.7
23						2.9	3.0	3.7	3.8	3.5	4.0	4.5
24						2.9	3.0	3.5	3.6	3.4	3.2	4.4
25						2.9	3.0	3.4	3.8	3.4	3.1	5.0
26						3.0	2.9	10	4.3	3.3	3.4	5.7
27						3.0	2.9	8.0	3.6	3.4	3.6	5.0
28						2.9	2.8	3.8	3.5	3.3	3.3	4.6
29						3.0	2.8	3.4	3.5	3.2	3.0	4.4
30						9.3	2.8	3.4	3.5	4.4	2.9	4.2
31						3.5	-----	3.3	-----	4.8	2.9	-----
TOTAL						-	171.1	150.3	120.5	130.0	124.4	300.1
MEAN						-	5.70	4.85	4.02	4.19	4.01	10.0
MAX						-	3.4	2.3	9.6	7.8	9.2	1.40
MIN						-	2.8	2.8	3.1	3.2	2.9	2.8
CFSM						-	1.93	1.64	1.36	1.42	1.36	3.39
IN						-	2.16	1.89	1.52	1.64	1.57	3.78

BLACKWATER RIVER BASIN

2-3707 5 Hurricane Branch near Milton, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.1	4.5	3.9	5.0	3.5	10	3.6	4.4	2.7	3.5	2.9	15
2	4.0	3.9	3.8	3.8	3.5	7.8	3.2	5.6	2.7	3.4	3.1	7.4
3	3.8	3.8	3.8	3.6	3.6	4.1	3.2	3.7	2.6	3.5	6.6	6.0
4	3.8	3.8	3.8	3.6	3.5	4.0	3.2	3.4	2.6	4.6	4.4	5.7
5	7.3	3.8	3.8	3.6	3.4	4.0	3.0	3.3	2.6	3.8	3.5	4.4
6	31	3.7	3.8	3.5	13	3.8	7.5	3.3	2.6	3.4	7.3	4.3
7	14	3.6	3.7	3.5	12	3.8	7.8	3.3	2.6	3.5	32	7.9
8	6.6	3.6	3.7	5.4	4.8	4.3	3.3	3.3	2.6	3.8	14	7.7
9	5.4	3.8	3.7	3.8	4.0	3.6	3.3	8.6	2.6	11	8.1	4.0
10	4.8	5.1	3.7	3.6	3.8	3.4	3.2	3.9	3.0	13	5.1	7.3
11	4.6	4.0	4.7	3.5	3.8	3.4	3.6	3.5	3.4	5.4	5.2	9.6
12	4.5	3.8	3.8	3.5	3.6	3.4	25	3.4	2.8	4.6	4.2	4.9
13	4.4	3.8	3.6	3.8	3.6	3.8	5.9	3.2	2.9	3.7	4.8	5.2
14	4.3	3.8	3.7	3.9	3.6	3.5	4.4	3.2	3.3	3.5	7.9	4.9
15	4.4	3.7	8.7	3.6	3.6	3.2	10	3.3	7.5	3.4	4.5	5.4
16	4.4	3.8	4.9	3.5	3.5	3.2	6.0	3.1	5.6	3.5	4.5	4.0
17	4.1	3.8	3.8	3.4	3.5	8.4	4.2	3.0	3.1	3.4	5.0	3.7
18	4.1	3.8	3.8	3.3	9.2	12	3.9	2.9	3.0	3.7	3.8	3.6
19	4.2	3.8	3.8	3.6	23	4.3	3.8	2.8	3.8	3.5	3.6	3.6
20	4.5	3.6	4.5	3.6	5.5	9.4	3.8	2.8	64	4.0	3.5	3.5
21	4.1	3.6	7.4	3.4	4.1	4.7	3.8	2.8	17	12	3.5	3.5
22	4.0	3.6	4.0	3.3	15	3.7	3.7	2.8	6.3	6.0	3.7	3.5
23	3.9	8.6	3.8	3.4	20	3.4	3.7	3.0	4.4	3.7	4.5	3.4
24	4.6	4.6	3.8	4.5	6.2	3.2	3.7	9.9	3.9	3.2	8.6	3.3
25	3.8	3.9	3.8	9.4	10	3.2	3.7	3.7	8.9	3.3	6.9	3.4
26	3.8	3.8	3.8	8.9	4.4	3.2	3.7	4.6	11	4.5	4.8	3.5
27	3.8	3.8	3.8	4.4	4.0	6.4	4.6	3.6	6.4	5.4	4.0	3.5
28	3.8	6.7	3.6	3.8	4.7	4.3	3.8	4.0	3.8	3.7	3.7	3.7
29	3.8	14	3.6	4.3	-----	7.0	3.4	2.9	3.7	3.3	3.7	3.4
30	3.8	4.4	3.8	3.7	-----	4.1	3.4	2.8	3.5	3.1	4.5	3.8
31	8.8	-----	5.6	3.6	-----	4.4	-----	2.7	-----	3.0	5.9	-----
TOTAL MEAN	175.7 5.77	134.5 4.19	130.0 4.19	127.8 4.12	186.4 6.33	154.7 4.27	149.9 4.19	109.8 3.15	201.1 6.17	145.9 4.71	187.5 6.05	152.6 5.09
MAX	31	14	8.7	9.4	23	12	25	8.6	64	13	32	15
MIN	3.8	3.6	3.6	3.3	3.4	3.2	3.0	2.7	2.6	3.0	2.9	3.3
CF5M	1.92	1.52	1.42	1.40	2.26	1.69	1.69	1.20	2.27	1.60	2.05	1.72
IN.	2.22	1.70	1.64	1.61	2.35	1.95	1.89	1.38	2.54	1.84	2.36	1.92
CAL YR 1960: TOTAL 1,855.9 MEAN 5.08 MAX 64 MIN 2.6 CF5M 1.72 IN 23.40												

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.7	3.8	3.9	11								
2	3.4	3.8	4.0	5.4								
3	3.4	4.5	3.9	5.0								
4	3.4	4.9	3.9	4.9								
5	3.3	4.2	3.9	9.5								
6	3.2	4.1	3.9	13								
7	3.3	4.0	3.7	5.9								
8	3.5	3.8	3.7	6.6								
9	3.4	3.8	4.0	5.2								
10	3.3	3.8	22	7.2								
11	3.3	3.9	13	5.3								
12	3.3	3.9	15	5.0								
13	3.4	3.9	13	5.0								
14	3.4	13	5.8	5.0								
15	3.3	13	19	5.4								
16	3.3	6.2	10	5.0								
17	3.4	4.7	8.6	4.8								
18	3.4	4.3	17	4.7								
19	3.4	4.2	6.8	-								
20	3.4	4.0	5.5	-								
21	3.5	4.0	5.3	-								
22	3.5	4.1	5.3	-								
23	3.5	15	5.2	-								
24	3.5	4.7	5.0	-								
25	3.7	4.2	5.0	-								
26	3.5	4.1	5.0	-								
27	3.5	4.1	8.8	-								
28	3.6	4.0	7.3	-								
29	3.7	4.0	5.1	-	-----							
30	3.8	3.9	5.0	-	-----							
31	3.8	-----	6.3	-	-----				-----			-----
TOTAL	107.1	153.9	235.9	-								
MEAN	3.45	5.13	7.61	-								
MAX	3.8	15	22	-								
MIN	3.2	3.8	3.7	-								
CFSM	1.17	1.74	2.58	-								
IN.	1.35	1.94	2.97	-								
CAL YR 1961: TOTAL	1,912.6			MEAN 5.24	MAX 64	MIN 2.6	CFSM 1.78	IN 24.11				
WAT YR 1962: TOTAL				MEAN								

2-3712 Indian Creek near Troy, Ala

Location --Lat 31°49', long 86°07' (revised), in E $\frac{1}{2}$ sec 26, T 10 N, R 19 E, at left downstream wingwall of culvert on U S Highway 29, 3.5 miles upstream from mouth and 9 miles west of Troy

Drainage area --8.88 sq mi

Records available --August 1958 to September 1965

Gage --Water-gage recorder Prior to Aug 31, 1961, steel sheet-piling control Altitude of gage is 354 ft (by barometer) Prior to Oct 1, 1961, at datum 1.00 ft higher

Average discharge --7 years, 12.5 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet, present datum)

Annual maximum discharge (*) and peak discharges above base (250 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 18, 1961	1700	795	a 6.13	Jan 5, 1962	2000	299	4.93	May 2, 1964	1530	* 269	4.83
Feb 22, 1961	1100	299	a 4.93	Mar 31, 1962	0930	* 538	5.57	July 1, 1964	0030	260	4.80
Feb 24, 1961	1800	398	a 5.22	Jan 20, 1963	1800	* 182	4.51	Dec 26, 1964	1430	266	4.82
Apr 12, 1961	0430	398	a 5.22	Mar 2, 1964	1630	260	4.80	Sept 30, 1965	2000	b* 287	4.89
Aug 31, 1961	0900	* 3,500	a 7.60	Apr 27, 1964	0830	323	5.01				
Dec 10, 1961	1200	390	5.20								

a Present datum

b Peak occurred Oct 1, 1965

Annual minimum discharge for water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 29, 1961	3.1		1964	Oct 22-23, 1963	0.90	-
1962	Sept 2, 1962	1.6	0.51	1965	Sept 21-23, 1965	1.7	-
1963	Sept 14, 1963	1.0	-				

1958-65 Maximum discharge, 3,500 cfs Aug 31, 1961 (gage height, 7.60 ft, present datum) from rating curve extended above 785 cfs on basis of culvert computation of peak flow, minimum, 0.10 cfs Sept 10, 1958, and Sept 14, 1963

Remarks --Records fair Records of chemical analyses for the water years 1964-65 are published in report of the Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.5	4.6	6.0		8.5	40	60	27	6.8	9.2	5.0	30
2	5.5	4.0	5.8	18	8.2	31	35	34	6.5	7.2	4.6	20
3	5.0	3.7	6.0	8.8	23	27	25	14	6.2	12	4.6	15
4	4.6	4.0	6.0	8.2	12	25	22	12	6.0	13	7.8	13
5	7.1	4.0	6.0	7.8	9.5	23	20	11	5.8	9.0	7.0	11
6	55	4.3	6.0	7.5	18	22	26	11	5.5	6.8	7.2	31
7	21	4.3	6.0	7.2	21	21	23	11	5.2	8.8	9.8	23
8	9.8	4.6	5.8	11	13	46	20	10	5.2	30	7.8	21
9	7.8	4.9	5.5	7.5	11	19	38	35	5.0	48	6.5	20
10	6.8	5.2	5.5	6.8	10	18	25	13	5.5	12	5.8	27
11	6.0	5.2	11	6.5	9.5	18	22	13	5.8	17	5.5	22
12	5.8	5.5	6.5	6.5	9.2	18	152	12	5.5	76	5.2	20
13	5.2	5.5	6.2	22	8.8	18	34	11	6.2	14	6.0	19
14	5.0	5.5	6.5	27	8.2	18	27	10	6.8	14	11	30
15	5.2	5.5	18	11	8.0	16	34	10	8.5	11	9.6	15
16	5.0	5.8	11	9.0	7.8	16	24	9.5	8.0	9.5	7.0	12
17	4.6	6.0	7.8	8.2	7.2	27	20	9.0	7.5	8.2	5.8	11
18	4.0	6.2	7.5	7.8	379	37	19	8.8	7.2	8.0	5.2	10
19	4.6	6.0	7.2	11	197	19	18	8.5	7.8	7.0	4.3	11
20	5.0	5.5	8.5	9.5	63	19	17	8.2	56	6.8	4.6	10
21	4.6	5.8	12	8.0	42	23	16	8.2	35	6.5	6.0	9.5
22	4.3	5.8	7.5	7.5	110	18	15	6.0	12	6.2	6.8	9.2
23	4.3	25	7.2	7.2	127	17	15	17	9.2	5.8	7.0	8.7
24	4.0	9.8	7.2	7.8	134	16	14	13	31	6.8	15	8.3
25	3.7	7.8	7.2	18	130	15	14	14	22	9.2	11	8.0
26	3.7	7.0	7.0	24	80	15	15	14	22	7.3	16	7.8
27	3.7	6.5	6.8	13	45	16	26	10	16	11	12	7.8
28	3.7	6.5	6.5	11	36	25	14	8.8	10	9.8	8.2	7.2
29	3.7	8.8	6.2	11	-----	22	12	8.0	8.5	8.2	7.0	7.0
30	4.0	6.5	13	9.5	-----	21	12	7.5	9.2	6.2	7.2	7.0
31	5.0	-----	29	9.0	-----	86	-----	7.0	-----	5.5	6.99	-----
TOTAL	224.2	189.8	258.4	337.1	1,535.9	752	814	393.5	351.9	359.0	925.5	446.5
MEAN	7.23	6.33	8.34	10.9	54.9	24.3	27.1	12.7	11.7	11.6	29.5	14.9
MAX	55	25	29	27	379	86	152	35	56	48	699	31
MIN	3.7	3.7	5.5	6.5	7.2	15	12	7.0	5.0	5.5	4.3	7.0
CFSM	.81	.71	.94	1.22	6.18	2.73	3.06	1.43	1.32	1.30	3.36	1.68
IN.	.94	.79	1.08	1.41	6.43	3.15	3.41	1.65	1.47	1.50	3.88	1.87

CAL YR 1960: TOTAL 2,809.7 MEAN 15.9 MAX 292 MIN 3.3 CFSM 1.73 IN 29.36
WAT YR 1961: TOTAL 6,581.0 MEAN 18.0

ESCAMBIA RIVER BASIN

2-3712 Indian Creek near Troy, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.8	6.1	6.9	15	15	64	52	16	12	3.1	3.8	1.8
2	6.6	6.2	7.1	11	15	52	31	15	11	3.1	2.8	1.7
3	9.0	7.3	7.0	10	14	29	26	14	8.0	3.9	2.5	2.2
4	7.4	8.9	6.9	10	14	25	24	13	7.1	4.8	2.5	1.9
5	6.9	7.4	7.2	74	14	23	26	13	6.8	6.6	2.2	1.7
6	6.6	10	8.7	95	14	21	50	12	6.5	4.7	2.1	1.9
7	6.5	8.6	7.4	26	13	21	31	12	5.7	4.1	2.0	8.2
8	6.4	6.9	6.8	25	13	20	25	11	5.6	4.0	1.9	7.3
9	6.2	6.6	6.8	20	13	21	23	11	6.3	3.4	1.8	3.8
10	5.9	6.8	144	20	13	21	22	10	7.6	2.9	4.0	3.0
11	5.8	7.0	30	16	12	64	21	9.9	7.5	2.4	2.5	2.8
12	5.7	7.2	57	16	12	28	84	9.5	7.0	2.2	2.3	2.7
13	5.7	6.9	38	16	12	22	31	9.2	5.9	2.0	2.2	2.5
14	5.6	8.3	21	17	12	22	25	8.9	7.7	1.8	2.1	6.1
15	5.4	17	46	25	12	28	23	8.7	7.3	3.5	9.0	4.4
16	5.6	10	25	17	15	21	22	8.3	5.5	5.5	6.0	3.4
17	5.6	8.1	36	15	12	19	21	8.0	7.0	2.2	3.4	15
18	5.5	7.4	30	17	38	19	20	7.7	4.8	2.7	3.7	6.0
19	5.5	7.1	18	26	72	18	19	7.5	5.8	2.5	3.2	4.0
20	5.4	6.8	15	17	24	19	18	7.2	5.6	2.3	3.1	3.4
21	5.7	6.6	14	16	28	19	17	7.0	5.6	2.2	3.7	3.0
22	5.8	6.8	13	15	34	17	16	6.8	5.0	2.1	3.0	2.8
23	5.7	45	13	15	23	17	16	6.5	4.6	2.0	3.3	2.7
24	5.7	11	12	15	29	17	16	6.2	4.5	1.9	7.4	2.6
25	5.7	8.4	12	14	21	22	15	5.8	4.3	1.8	3.4	3.4
26	5.7	7.7	11	14	20	18	15	5.6	4.0	1.8	3.0	12
27	5.6	7.6	12	43	19	16	15	5.2	3.4	1.7	2.8	7.2
28	5.7	7.4	12	39	20	16	39	4.7	3.2	1.7	2.7	3.4
29	5.8	7.0	11	19	-----	15	30	6.8	3.5	11	2.4	3.1
30	6.0	6.8	10	17	-----	15	18	3.5	7.7	2.0	3.0	3.0
31	6.1	-----	12	16	-----	193	-----	15	-----	3.5	1.9	-----
TOTAL	186.6	274.9	656.8	711	553	922	791	292.5	180.2	106.2	100.1	127.0
MEAN	6.02	9.16	21.2	22.9	19.8	29.7	26.4	9.44	6.01	3.43	3.23	4.23
MAX	8.0	45	144	95	72	193	84	16	12	11	9.0	15
MIN	5.4	6.1	6.8	10	12	15	15	4.7	3.2	1.7	1.8	1.7
CFSM	4.68	1.03	2.39	2.58	2.22	3.35	2.97	1.06	4.68	.39	.36	.48
IN.	.78	1.15	2.75	2.98	2.32	3.86	3.31	1.23	.75	.44	.42	.53

CAL YR 1961: TOTAL 7,033.7 MEAN 19.3 MAX 699 MIN 4.3 CFSM 2.17 IN 20.46
 WAT YR 1962: TOTAL 4,501.3 MEAN 13.4 MAX 193 MIN 1.7 CFSM 1.51 IN 20.53

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.6	2.7	7.0	8.2	12	11	9.6	5.5	1.1	1.4	1.2	1.2
2	12	2.8	6.6	7.8	12	10	9.4	4.7	1.0	1.2	1.1	1.0
3	11	2.9	6.3	7.5	15	10	9.3	4.2	.90	1.1	1.0	1.0
4	6.5	2.9	6.4	7.1	12	10	9.0	3.8	1.0	1.0	1.0	1.0
5	5.1	2.9	6.3	6.9	11	11	8.8	3.6	1.2	.90	.90	1.0
6	4.6	2.9	6.2	8.4	11	44	15	3.4	1.0	.80	1.0	.90
7	4.2	3.0	6.1	7.6	10	16	15	3.2	1.0	.80	1.5	.80
8	11	5.7	7.1	7.0	9.9	15	9.0	3.0	1.0	.90	1.0	.80
9	8.0	9.8	6.5	6.6	9.6	14	8.2	2.8	.90	1.0	.90	.70
10	4.6	4.7	6.3	6.4	9.5	14	7.7	2.6	.80	.90	1.0	.60
11	4.0	4.1	6.2	26	31	13	7.4	2.5	.80	.90	1.2	.60
12	3.7	7.6	6.0	25	18	13	7.1	2.9	.70	.90	1.4	.70
13	3.4	5.1	5.9	19	13	13	6.8	3.0	.60	.90	1.4	.60
14	3.2	4.7	6.0	11	12	13	6.4	2.7	.60	1.1	5.2	.90
15	3.0	4.5	6.3	10	11	13	6.2	2.5	.60	2.2	2.5	1.5
16	2.9	4.5	7.2	9.3	11	12	6.1	2.2	.60	3.8	2.0	1.4
17	2.8	4.6	6.4	8.8	10	12	5.8	2.0	3.1	2.2	1.7	1.2
18	3.2	7.5	6.1	21	11	17	5.6	1.9	4.8	2.2	1.6	1.2
19	2.9	5.6	6.0	34	27	11	5.3	2.0	4.3	1.7	1.5	1.2
20	2.7	8.1	5.9	107	13	17	5.2	2.0	2.7	1.6	2.3	1.1
21	3.4	44	5.9	40	12	12	5.1	1.9	3.8	1.7	2.4	1.1
22	4.0	15	9.1	20	11	12	5.0	1.6	4.3	1.4	2.6	1.1
23	3.2	8.6	6.9	18	11	11	4.9	1.7	6.0	1.2	2.2	.90
24	3.0	7.5	17	16	16	11	4.7	1.6	5.0	1.4	1.8	.60
25	2.8	7.0	54	15	12	11	4.7	1.5	3.0	1.9	1.6	.60
26	2.8	6.8	12	14	11	13	4.6	1.4	2.3	1.9	1.4	.90
27	2.8	6.4	9.6	13	11	12	4.5	1.4	2.2	2.1	1.4	3.7
28	2.8	6.3	8.6	12	11	11	4.4	1.5	2.0	1.5	1.6	11
29	2.7	8.6	19	12	-----	10	4.5	2.2	1.9	1.4	1.5	3.3
30	2.8	8.2	10	2.0	-----	9.6	21	1.6	1.6	1.1	1.4	2.9
31	2.8	-----	9.0	14	-----	9.8	-----	1.4	-----	1.4	1.2	-----
TOTAL	133.7	215.0	287.9	538.6	364.0	406.4	226.3	78.3	60.80	44.70	50.50	45.50
MEAN	4.31	7.17	9.29	17.4	13.0	13.1	7.54	2.53	2.03	1.44	1.63	1.52
MAX	11	44	54	107	31	44	21	5.5	6.0	3.8	5.2	11
MIN	2.7	2.7	5.9	6.4	9.5	9.6	4.4	1.4	.60	.80	.90	.60
CFSM	.49	.81	1.05	1.96	1.46	1.48	.85	.28	.23	.16	.18	.17
IN.	.56	.90	1.21	2.26	1.52	1.70	.95	.33	.25	.19	.21	.19

CAL YR 1962: TOTAL 4,419.6 MEAN 12.1 MAX 193 MIN 1.7 CFSM 1.36 IN 18.51
 WAT YR 1963: TOTAL 2,451.70 MEAN 6.72 MAX 107 MIN .60 CFSM .76 IN 10.27

2-3712 Indian Creek near Troy, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.8	1.4	4.3	10	8.2	10	9.4	17	5.2	63	5.8	3.5
2	2.5	1.8	3.9	5.7	7.8	84	9.2	125	4.8	10	5.3	3.3
3	2.2	1.7	4.1	4.9	7.4	42	9.0	43	4.4	7.6	4.8	3.2
4	2.0	1.6	3.6	4.7	7.2	34	9.0	30	4.4	7.9	4.4	3.2
5	1.8	1.8	3.4	4.6	8.4	39	8.9	24	4.2	6.4	17	3.1
6	1.7	1.9	3.2	17	8.5	21	13	21	5.0	4.6	21	3.0
7	1.6	1.7	3.2	15	8.0	18	14	18	4.6	3.8	9.2	3.2
8	1.6	1.6	3.8	32	8.5	15	13	17	4.1	3.4	6.8	3.0
9	1.4	1.6	3.4	45	7.4	14	11	15	3.9	3.6	6.3	2.9
10	1.4	1.7	3.1	25	7.0	15	9.9	14	3.6	3.5	13	2.9
11	1.4	1.6	3.0	12	8.2	13	9.0	13	3.3	6.9	9.0	29
12	1.3	1.4	6.7	15	7.4	13	9.0	16	3.0	9.3	6.7	28
13	1.3	1.4	22	15	9.7	11	15	21	2.8	11	5.8	8.1
14	1.2	1.4	31	11	14	11	96	13	2.8	6.7	5.3	5.9
15	1.2	1.4	15	9.0	9.9	29	29	12	2.6	5.5	5.0	5.2
16	1.2	1.4	9.0	9.0	10	15	18	10	2.6	4.8	6.4	4.7
17	1.2	1.5	13	11	8.7	13	14	9.7	2.5	3.9	10	4.6
18	1.2	1.5	5.5	12	41	12	13	9.4	2.3	3.9	5.8	4.2
19	1.2	1.6	5.3	10	14	23	12	8.9	2.2	4.6	5.0	4.2
20	1.2	1.6	5.0	10	12	25	10	7.9	2.1	6.0	4.4	4.1
21	1.0	1.6	4.9	9.0	11	14	9.0	7.6	2.0	12	9.6	3.8
22	1.0	1.6	4.6	8.2	9.9	13	13	7.3	1.9	8.2	8.2	3.8
23	1.1	8.3	5.3	7.9	9.4	12	12	7.0	2.1	11	6.3	3.7
24	1.2	3.7	4.6	8.5	9.0	11	9.2	8.3	3.0	8.0	5.8	3.5
25	1.3	3.0	4.4	20	20	14	8.5	7.6	2.5	7.1	4.8	3.5
26	1.2	2.9	4.1	9.9	12	14	26	6.6	2.7	8.1	4.6	3.5
27	1.2	4.1	4.0	9.4	15	11	151	6.0	4.1	5.2	4.2	3.6
28	1.2	11	3.9	9.2	14	11	62	5.7	16	11	4.0	7.0
29	1.0	23	3.7	8.5	11	10	23	5.5	6.4	8.2	3.9	7.4
30	1.1	5.7	3.6	8.2	-----	9.7	17	5.5	18	7.6	3.7	6.4
31	1.1	-----	11	8.4	-----	9.6	-----	5.5	-----	6.7	3.5	-----
TOTAL	43.8	96.5	198.6	385.1	324.6	586.3	662.1	517.5	129.1	269.5	216.0	161.5
MEAN	1.41	3.22	6.41	12.4	11.2	18.9	22.1	16.7	4.30	8.69	6.97	5.38
MAX	2.8	23	31	45	41	84	151	125	18	63	71	29
MIN	1.0	1.4	3.0	4.6	7.0	9.6	8.5	5.5	1.9	3.4	3.5	2.9
CFSM	-16	-36	-72	1.40	1.26	2.13	2.49	1.88	-48	-98	-78	61
IN.	-18	-40	-83	1.61	1.36	2.46	2.77	2.17	-54	-113	-90	-68

CAL YR 1963: TOTAL 2,154.00 MEAN 5.90 MAX 107 MIN -60 CFM -66 IN 9.02
 WAT YR 1964: TOTAL 3,590.5 MEAN 9.81 MAX 151 MIN 1.0 CFM 1.10 IN 15.04

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	7.6	4.3	7.6	13	15	19	18	7.6	4.6	3.9	4.8	3.9
2	5.5	4.3	7.4	12	23	45	18	7.3	4.3	3.9	4.8	3.7
3	5.8	4.3	7.6	13	13	28	18	7.0	4.3	4.2	4.0	3.6
4	35	4.3	19	11	13	40	19	6.7	4.7	4.8	4.0	3.2
5	47	4.3	9.9	10	12	24	17	6.6	4.2	6.1	4.6	2.9
6	12	4.3	8.2	9.7	44	20	16	6.3	4.0	4.1	4.8	2.6
7	9.4	4.4	7.8	9.4	41	18	16	6.0	39	23	4.3	2.3
8	8.0	4.4	7.4	9.2	18	17	15	5.9	20	46	4.8	2.1
9	7.3	4.4	7.3	8.9	16	16	14	5.7	10	17	5.3	2.1
10	6.6	4.6	7.0	9.7	14	16	14	5.4	9.6	9.6	7.0	1.9
11	6.2	4.6	8.4	8.7	13	19	13	5.3	9.9	7.4	6.6	1.9
12	5.8	4.7	14	8.4	33	50	13	5.0	9.6	7.3	5.5	2.2
13	5.4	11	8.2	8.2	24	37	12	4.9	8.7	9.4	5.4	2.3
14	6.2	6.3	7.4	8.0	27	24	12	4.8	7.6	8.1	4.6	2.1
15	26	5.7	7.2	8.4	17	20	12	4.7	7.3	6.3	4.0	2.0
16	12	5.5	7.0	8.2	27	18	12	4.4	6.7	11	4.0	1.9
17	7.0	5.4	7.0	7.4	93	54	11	4.4	8.4	14	3.9	2.1
18	5.9	5.4	8.7	7.8	58	74	11	4.3	6.4	5.8	3.9	2.0
19	5.4	5.6	7.3	7.8	30	31	15	4.1	5.8	4.9	4.0	1.9
20	5.2	19	13	7.4	25	27	19	4.1	5.4	4.2	4.0	1.8
21	5.0	7.6	11	7.4	22	24	11	4.1	5.2	4.0	10	1.7
22	5.0	6.6	8.4	7.3	19	23	9.9	4.1	4.8	3.7	6.7	1.7
23	4.9	9.6	8.0	99	18	26	9.2	4.2	4.7	3.5	4.9	1.7
24	4.8	18	12	40	19	24	8.5	3.9	5.8	3.8	4.4	2.5
25	4.7	34	76	21	18	21	14	3.7	7.5	3.6	4.1	2.1
26	4.6	10	115	20	16	29	11	3.7	5.2	5.4	6.5	1.9
27	4.6	8.7	44	16	16	32	9.2	3.7	4.7	5.7	11	1.9
28	4.6	11	24	15	16	29	8.5	13	4.7	4.2	35	2.1
29	4.6	8.7	19	14	-----	22	8.0	8.2	4.3	9.5	8.7	3.5
30	4.6	7.9	16	14	-----	20	7.9	5.4	4.1	7.0	5.5	118
31	4.4	-----	14	13	-----	19	-----	4.9	-----	5.4	4.4	-----
TOTAL	281.1	238.9	524.8	452.9	700	866	392.2	169.4	231.5	256.8	195.5	185.6
MEAN	9.07	7.96	16.9	14.6	25.0	27.9	13.1	5.46	7.72	8.28	6.31	6.19
MAX	47	34	115	99	93	74	19	13	39	46	35	118
MIN	4.6	4.3	7.0	7.3	12	16	7.9	3.7	4.0	3.5	3.9	1.7
CFSM	1.02	-90	1.91	1.65	2.82	3.15	1.47	-62	-87	-93	-71	-70
IN.	1.18	1.00	2.20	1.90	2.93	3.63	1.64	-71	-97	1.08	-82	-78

CAL YR 1964: TOTAL 4,296.9 MEAN 11.3 MAX 178 MIN 1.9 CFM 1.36 IN 12.82
 WAT YR 1965: TOTAL 4,296.9 MEAN 11.3 MAX 178 MIN 1.9 CFM 1.36 IN 12.82

ESCAMBIA RIVER BASIN

2-3715 Conecuh River at Brantley, Ala

Location --Lat 31°34', long 86°15', in SE¹ 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

Records available --October 1937 to September 1965

Gage --Water-stage recorder Datum of gage is 226.2 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) Prior to Nov. 1, 1938, wire-weight gage at present site and datum

Average discharge --28 years, 684 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (4,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	1700	9,120	19.42	Apr 3, 1962	2300	* 5,460	16.80	Apr 30, 1964	0900	4,020	15.39
Feb 27, 1961	0730	10,300	20.09					May 5, 1964	1800	* 5,280	16.64
Sept 2, 1961	0800	* 14,000	22.11	Jan 24, 1963	0300	* 4,420	15.82				
Apr 1, 1962	1000	4,420	15.82	Mar 6, 1964	1000	4,880	16.27	Dec 29, 1964	0800	* 6,630	17.74
								Feb 20, 1965	2000	5,270	16.63

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 9, 1960	100	1.69	1964	Oct 24, 1963	45	1.16
1962	Sept 4, 1962	51	1.29	1965	Sept 23, 1965	53	1.34
1963	Sept 26, 1963	29	.94				

1937-65 Maximum discharge, 15,800 cfs Nov 29, 1948 (gage height, 23.0 ft) minimum, 22 cfs Sept 14, 1954

Flood in March 1929 reached a stage of about 26 ft. from information by local residents

Remarks --Records good Records of chemical analyses and water temperatures for water years 1964-65 are published in reports of the Geological Survey

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	224	106	194	534	488	4,260	3,300	745	252	573	182
2	202	114	172	563	434	3,130	2,840	928	217	469	156
3	194	115	158	498	433	2,370	4,310	1,050	196	388	189
4	170	109	152	431	520	1,920	4,050	1,010	176	329	231
5	148	108	150	367	568	1,640	2,870	980	162	316	174
6	147	103	150	318	598	1,480	2,180	958	149	283	154
7	249	103	150	260	791	1,350	1,920	931	141	250	238
8	423	102	150	267	830	1,250	1,650	779	132	473	239
9	323	101	153	277	806	1,160	1,590	646	125	520	228
10	234	103	150	281	758	1,080	1,780	643	123	524	213
11	198	108	159	253	711	1,000	1,670	641	126	433	188
12	179	124	188	235	639	946	2,860	597	132	388	174
13	168	126	214	241	571	921	3,880	559	121	486	161
14	158	119	191	460	490	935	4,110	507	131	485	257
15	152	117	191	583	433	879	5,000	453	187	473	386
16	142	117	249	564	397	797	3,620	420	194	503	316
17	136	118	300	522	373	755	2,660	386	192	558	277
18	130	123	277	455	1,000	1,110	2,050	340	185	595	210
19	124	133	234	410	2,520	1,200	1,760	304	188	612	176
20	121	138	214	389	4,920	1,080	1,700	276	379	536	157
21	121	132	231	388	8,630	1,010	1,560	250	1,010	394	142
22	123	129	263	372	8,000	1,020	1,340	234	1,120	305	161
23	121	131	262	342	7,190	1,000	1,120	227	1,030	263	218
24	117	183	232	324	6,290	957	924	238	881	221	322
25	115	287	215	381	7,470	865	792	342	922	196	365
26	109	280	206	639	9,140	757	723	391	948	189	415
27	103	218	202	707	9,840	655	767	418	969	330	328
28	102	191	200	650	6,990	702	1,150	469	1,080	389	304
29	105	185	198	624	-----	831	1,230	453	951	284	269
30	105	187	204	593	-----	960	863	370	774	267	220
31	103	-----	294	544	-----	2,120	-----	299	-----	222	5,330
TOTAL	5,046	4,210	6,303	13,492	81,830	40,140	66,269	16,844	13,193	12,254	12,380
MEAN	163	140	203	435	2,923	1,295	2,209	543	440	395	399
MAX	423	287	300	707	9,840	4,260	5,000	1,050	1,120	612	5,330
MIN	102	101	150	235	373	655	723	127	121	189	142
CFSM	.33	.29	.41	.88	5.94	2.63	6.40	1.10	.89	.80	.81
IN.	.38	.32	.48	1.02	6.19	3.03	5.01	1.27	1.00	.93	.94

CAL YR 1960: TOTAL 297,561

MEAN 813

MAX 13,000

MIN 91

CFSM 1.65

IN 22.49

WAT YR 1961: TOTAL 323,601

MEAN 813

MAX 13,400

MIN 101

CFSM 1.80

IN 24.46

2-3715 Conecuh River at Brantley, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	196	117	218	465	1,060	1,700	4,160	984	259	158	229	59
2	185	119	209	495	1,110	2,160	3,060	879	394	127	158	55
3	179	123	204	502	1,060	2,290	4,240	823	286	107	140	53
4	176	135	202	493	937	2,010	4,770	723	281	99	67	53
5	172	157	198	537	782	1,780	3,270	559	253	97	87	53
6	168	174	205	1,370	668	1,760	2,610	431	235	105	82	54
7	161	175	236	1,400	602	1,720	2,740	370	208	123	76	68
8	156	202	242	1,400	561	1,530	2,120	334	170	132	70	68
9	154	185	239	1,580	524	1,330	1,690	296	153	144	71	76
10	153	166	309	2,340	500	1,140	1,500	269	144	143	72	100
11	149	150	587	2,230	476	982	1,450	252	144	115	96	82
12	142	147	872	1,860	455	930	1,520	231	184	97	85	71
13	136	148	1,230	1,520	445	1,040	1,580	215	348	91	69	67
14	132	162	1,350	1,250	439	1,180	1,450	201	407	88	73	64
15	130	235	1,510	1,050	429	1,340	1,400	192	286	87	99	109
16	130	328	1,680	906	429	1,550	1,770	185	242	94	172	232
17	126	338	1,770	444	429	1,550	2,090	176	209	160	167	172
18	125	280	1,800	799	539	1,390	1,740	174	171	266	154	165
19	126	236	1,680	814	1,480	1,210	1,410	172	149	221	119	231
20	121	214	1,510	874	1,530	1,060	1,130	162	152	159	94	187
21	117	197	1,390	877	1,510	940	861	150	178	121	81	123
22	115	189	1,280	856	1,700	833	712	139	182	97	74	91
23	115	310	1,130	847	2,200	787	632	130	168	90	70	76
24	117	502	940	854	2,340	748	582	124	157	119	81	68
25	118	532	734	831	2,140	723	534	117	145	120	117	67
26	117	436	612	791	1,930	731	495	113	135	101	124	74
27	115	344	553	794	1,690	699	460	109	132	99	102	117
28	115	288	520	935	1,490	661	620	106	144	80	85	214
29	113	253	491	933	-----	643	1,220	102	168	107	75	198
30	112	234	466	944	-----	612	1,140	108	136	200	69	133
31	117	-----	442	973	-----	2,080	-----	159	-----	278	63	-----
TOTAL MEAN	4,288	7,076	24,809	32,356	29,470	39,109	52,896	8,985	6,207	4,933	3,131	3,180
MIN	136	236	800	1,044	1,053	1,262	1,763	280	207	130	101	106
MAX	196	532	1,800	2,340	2,340	2,290	4,770	984	407	278	229	232
MIN	112	117	198	465	429	612	460	102	132	80	63	53
CFSM	28	48	1.63	2.12	2.14	2.56	3.58	.59	.42	.26	.21	.22
IN.	.32	.53	1.88	2.45	2.23	2.96	4.00	.68	.47	.30	.24	.24

CAL YR 1961: TOTAL 344,215
WAT YR 1962: TOTAL 215,553

MEAN 943
MEAN 591

MAX 13,400
MAX 4,770

MIN 112
MIN 53

CFSM 1.92
CFSM 1.20

IN 26.02
IN 16.29

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	132	78	208	455	889	713	329	179	92	269	72	69
2	127	79	197	388	876	676	302	245	76	224	73	62
3	152	78	341	869	621	869	287	183	86	187	68	57
4	234	77	158	306	882	566	272	147	60	157	65	53
5	272	78	152	288	891	542	257	130	56	112	61	49
6	186	79	150	286	875	873	296	121	51	100	56	47
7	134	79	146	289	840	947	606	112	50	90	51	45
8	716	80	145	786	786	948	105	47	67	87	76	43
9	140	90	155	289	708	966	584	98	46	77	67	42
10	210	138	162	274	616	1,060	548	90	45	72	110	40
11	184	190	153	352	852	1,210	507	85	44	67	217	37
12	139	164	141	938	1,290	1,260	431	82	41	65	189	36
13	115	134	135	967	1,180	1,160	358	80	39	62	118	34
14	102	131	131	986	1,050	1,060	305	81	37	68	664	32
15	94	126	128	929	979	1,050	269	83	36	74	1,200	35
16	89	115	138	841	995	759	243	85	34	125	559	46
17	85	108	157	725	1,020	625	224	101	90	192	265	56
18	83	104	176	612	999	567	206	101	116	243	171	54
19	79	111	167	676	1,160	531	194	85	171	193	135	50
20	78	139	156	1,860	1,080	542	183	75	257	165	147	46
21	76	163	150	2,650	975	547	172	73	272	137	205	42
22	77	293	149	2,510	889	540	163	74	241	114	140	40
23	78	474	155	3,460	871	505	154	80	243	105	123	36
24	84	448	192	4,110	941	468	147	76	271	91	116	32
25	82	290	425	3,060	961	423	141	71	308	99	105	31
26	78	224	625	2,230	905	409	133	68	363	100	92	30
27	74	197	686	1,770	806	403	128	65	258	114	86	40
28	74	175	616	1,440	742	395	125	63	197	115	80	151
29	73	164	574	1,200	-----	380	123	76	190	119	77	298
30	73	189	549	963	-----	377	129	85	279	94	76	439
31	74	-----	536	885	-----	356	-----	98	-----	79	74	-----
TOTAL MEAN	3,594	4,795	7,783	36,381	25,927	21,479	8,473	3,097	4,076	3,756	5,538	2,072
MIN	116	160	251	1,174	926	693	282	99.9	136	121	179	69.1
MAX	272	474	686	4,110	1,290	1,260	697	245	363	269	1,200	439
MIN	73	77	128	274	616	356	123	34	62	62	51	30
CFSM	24	32	51	2.39	1.88	1.41	.57	.20	.28	.25	.36	.14
IN.	-.27	-.36	-.59	2.75	1.96	1.62	-.64	-.23	-.31	-.28	-.42	-.16

CAL YR 1962: TOTAL 195,552
WAT YR 1963: TOTAL 126,971

MEAN 546
MEAN 348

MAX 4,770
MAX 4,110

MIN 53
MIN 30

CFSM 1.09
CFSM 1.71

IN 14.78
IN 9.80

2-3715 Conecuh River at Brantley, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	444	51	500	446	966	992	607	3,490	182	276	524	215
2	436	56	395	517	858	1,360	553	3,330	188	476	573	186
3	343	57	316	534	709	2,560	492	3,640	167	727	650	166
4	217	62	255	554	632	3,020	467	3,060	156	731	828	150
5	156	70	215	593	607	3,270	451	4,570	146	641	938	139
6	126	74	184	690	619	4,670	682	4,140	150	491	945	131
7	108	75	167	907	619	3,670	1,070	2,830	153	452	663	122
8	95	81	162	997	627	2,890	909	2,030	164	433	680	115
9	86	81	164	1,440	636	2,430	851	1,560	155	347	660	110
10	78	78	164	1,470	631	2,010	756	1,240	143	266	595	104
11	71	74	158	1,480	605	1,630	774	963	133	238	639	171
12	67	73	155	1,870	585	1,370	839	778	124	425	763	574
13	64	72	259	2,600	559	1,180	934	889	130	529	826	643
14	60	70	673	2,220	576	1,020	1,510	831	119	524	873	622
15	58	68	837	1,750	627	936	2,000	776	106	576	903	568
16	56	66	822	1,440	692	920	1,760	813	96	722	871	553
17	54	65	817	1,280	738	907	2,640	885	89	885	813	537
18	53	66	819	1,120	1,140	898	3,610	882	86	1,060	790	447
19	51	67	837	1,000	1,230	936	2,580	732	82	1,050	600	316
20	50	70	844	1,020	1,230	1,200	1,890	556	78	752	556	238
21	49	71	758	1,010	1,270	1,180	1,440	478	77	617	512	205
22	48	73	546	1,060	1,470	1,110	1,120	366	95	668	415	184
23	46	106	411	1,110	1,640	1,030	853	332	78	961	436	168
24	46	126	370	1,140	1,700	939	714	308	73	934	747	155
25	46	201	358	1,200	1,490	562	648	296	74	1,120	1,100	143
26	48	186	346	1,150	1,320	832	765	292	98	1,150	704	132
27	50	170	334	1,070	1,140	768	1,780	275	194	819	553	123
28	52	202	317	984	1,070	704	2,060	251	219	738	534	119
29	51	395	297	963	1,010	672	1,780	212	212	1,130	505	201
30	49	495	275	995	-----	660	3,150	206	248	785	342	201
31	48	-----	304	999	-----	641	-----	193	-----	592	254	-----
TOTAL	3,206	3,403	13,061	35,609	26,996	47,267	39,685	41,129	4,015	21,115	20,792	7,686
MEAN	103	113	421	1,149	931	1,523	1,327	1,337	134	681	671	256
MAX	444	495	844	2,600	1,700	4,670	3,610	4,570	248	1,150	1,100	643
MIN	46	51	155	446	559	641	451	193	73	238	254	104
CFSM	.21	.23	.86	2.33	1.89	3.10	2.69	2.70	.27	1.38	1.36	.52
IN.	.24	.26	.99	2.69	2.04	3.57	3.00	3.11	.30	1.60	1.57	.58

CAL YR 1963: TOTAL 130,469

MEAN 357

MAX 4,110

MIN 30

CFSM 1.73

IN 9.86

WAT YR 1964: TOTAL 263,964

MEAN 371

MAX 4,670

MIN 46

CFSM 1.47

IN 19.96

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	234	234	810	2,170	1,150	1,030	1,330	261	120	92	162	125
2	415	224	738	1,720	1,100	1,240	1,290	248	101	86	163	110
3	406	220	521	1,420	983	1,290	1,330	227	92	87	143	114
4	584	216	525	1,210	921	1,430	1,210	86	91	103	114	106
5	1,110	213	520	1,020	860	1,380	1,140	203	91	103	114	106
6	945	213	549	860	1,080	1,340	948	192	89	134	126	95
7	885	212	551	768	1,620	1,370	842	180	93	116	128	86
8	878	208	539	709	1,480	1,190	795	172	122	133	216	78
9	1,160	205	492	670	1,390	1,350	740	163	177	213	274	71
10	1,750	205	443	655	1,430	1,230	682	155	177	382	266	68
11	1,550	202	404	644	1,800	1,090	624	146	143	393	347	67
12	1,170	203	447	614	1,810	1,010	580	142	173	278	376	57
13	758	244	525	579	1,740	1,140	537	137	226	206	247	56
14	455	391	548	563	1,680	1,210	500	126	446	215	227	54
15	486	385	556	549	1,560	1,250	463	118	296	251	189	55
16	634	314	558	539	1,490	1,280	428	113	227	192	148	61
17	685	281	522	520	2,140	1,480	403	110	262	177	124	74
18	668	262	479	503	3,440	2,910	383	106	209	229	116	64
19	644	251	446	486	3,200	2,920	374	102	190	264	105	64
20	638	290	431	476	4,500	2,320	470	99	189	272	212	65
21	614	350	446	467	4,400	3,240	512	95	173	175	186	61
22	548	370	532	460	3,080	2,780	483	95	144	139	132	57
23	427	358	542	449	2,230	2,090	439	96	124	114	125	54
24	342	457	546	1,140	1,780	1,690	407	94	111	99	114	56
25	306	855	1,260	1,220	1,520	1,400	371	94	102	92	101	97
26	284	853	2,230	1,480	1,320	1,230	365	91	107	88	95	87
27	266	822	2,460	2,410	1,170	1,210	370	89	120	93	97	84
28	257	806	3,320	2,530	1,060	1,320	332	92	122	86	193	73
29	250	840	6,220	1,960	-----	1,270	305	112	104	99	219	73
30	243	846	4,270	1,600	-----	1,230	282	126	97	115	224	664
31	238	-----	2,970	1,360	-----	1,290	-----	138	-----	148	173	-----
TOTAL	19,830	11,530	35,500	31,951	51,934	48,410	19,045	4,338	4,113	5,110	5,465	2,892
MEAN	640	384	1,145	1,031	1,655	1,562	635	140	137	165	176	96.4
MAX	1,750	855	6,220	2,530	4,500	3,240	1,330	261	446	993	376	645
MIN	234	202	404	460	860	1,010	282	89	86	86	95	54
CFSM	1.30	.78	2.33	2.09	3.77	3.17	1.29	.28	.32	.34	.36	.20
IN.	1.50	.87	2.68	2.42	3.93	3.66	1.44	.33	.36	.39	.41	.22

CAL YR 1964: TOTAL 311,154

MEAN 850

MAX 6,220

MIN 73

CFSM 1.73

IN 23.52

WAT YR 1965: TOTAL 240,718

MEAN 660

MAX 6,220

MIN 54

CFSM 1.34

IN 18.20

2-3725 Conecuh River near Andalusia, Ala

Location --Lat 31°16', long 86°36', in NE 1/4 sec 1, T 3 N, R 14 E, at bridge on county road, 100 ft downstream from Beck's Mill Creek, 0.5 miles upstream from Simmons Mill Creek, and 7.5 miles southwest of Andalusia

Drainage area --1,344 sq mi

Records available --August 1904 to December 1919, September 1929 to September 1952, annual maximums, October 1952 to December 1964 and low-flow measurements, water year 1964, December 1964 to September 1965, Published as "at Beck" 1904-19

Gage --Digital water-stage recorder Datum of gage is 106.77 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 (levels by Corps of Engineers) Aug 21, 1904, to Dec 31, 1919, chain gage, Sept 1, 1929, to Sept 30, 1952, graphic water-stage recorder, and Oct 1, 1952, to Dec 21, 1964, crest-stage gage, at same site and datum

Average discharge --38 years (1904-19, 1929-52), 1,973 cfs (unadjusted)

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Feb 23, 1961	20,100	32.45	1964	May 6, 1964	11,100	25.02
1962	Apr 4, 1962	10,800	24.51	1965	Feb 22, 1965	10,300	23.53
1963	Jan 22, 1963	9,270	21.54				

Minimum discharge for period December 1964 to September 1965, 100 cfs Sept 19, 1965 (gage height, 0.99 ft)

1904-19, 1929-65 Maximum discharge, 54,500 cfs Mar 18, 1913 (gage height, 41.4 ft, from graph based on gage readings)

1904-19, 1929-52, 1964-65 Minimum discharge, 40 cfs Nov 3, 1941, minimum daily, 47 cfs Oct 26, Nov 9, 1941

Maximum stage known, 47.64 ft Mar 15, 1929 (discharge, 154,000 cfs, from rating extended above 36,000 cfs on basis of slope-area measurement of peak flow)

Remarks --Records good Flow regulated by Gantt and Point-A Reservoirs (combined usable capacity, 14,400 acre-ft) and by hydroelectric plants Records of chemical analyses for water years 1964-65 are published in reports of the Geological Survey Low-flow discharge measurements, water years 1964, Nov 21, 1963, 68.3 cfs, Apr 29, 1964, 1,660 cfs, May 26, 1964, 235 cfs

Revisions (water years) --WSP 1304 Drainage area WSP 1624 1906-08, 1912, 1913, 1916(M), 1917-19

DISCHARGE, IN CUBIC FEET PER SECOND, DECEMBER 1964 TO SEPTEMBER 1965											
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	SEPT
1			-	7,780	3,670	2,860	3,960	776	562	314	506
2			-	6,090	3,340	4,120	3,840	570	454	297	382
3			-	4,320	3,060	4,760	3,320	992	372	258	599
4			-	3,250	2,770	4,540	3,190	911	476	321	522
5			-	2,840	2,580	4,460	3,340	723	266	866	266
6			-	2,570	3,330	4,380	2,740	708	210	522	437
7			-	2,260	6,090	4,120	2,590	746	271	240	570
8			-	2,290	6,020	4,330	2,570	580	364	280	1,200
9			-	5,230	5,820	4,240	2,460	460	291	574	1,520
10			-	2,470	4,880	4,010	2,440	688	550	1,080	1,290
11			-	1,820	4,940	3,440	2,380	600	650	966	1,150
12			-	1,760	3,520	3,130	2,370	540	903	934	1,050
13			-	1,630	6,060	3,800	1,800	480	958	879	1,360
14			-	1,560	5,720	3,310	1,470	440	751	778	982
15			-	1,610	5,280	3,700	1,410	400	512	717	743
16			-	1,420	4,850	3,360	1,210	360	358	728	940
17			-	1,250	5,800	3,680	1,270	360	390	614	541
18			-	1,250	7,900	6,640	1,150	440	483	497	696
19			-	1,240	8,330	6,500	1,110	550	296	595	611
20			-	1,220	8,760	7,400	2,160	500	437	535	592
21			-	1,330	8,800	6,720	1,600	430	379	378	550
22			-	1,410	1,440	10,200	6,290	1,570	360	499	378
23			-	1,110	1,860	9,310	6,500	1,640	340	365	464
24			-	1,370	3,550	7,030	6,250	1,200	340	308	307
25			-	2,180	4,710	5,000	4,310	1,250	390	319	523
26			-	5,370	5,640	4,330	3,800	1,400	450	337	316
27			-	6,640	6,880	3,290	4,190	1,260	500	472	296
28			-	6,440	8,300	3,290	5,450	1,070	600	534	570
29			-	6,510	7,600	-----	5,430	1,080	865	373	574
30			-	7,500	6,420	-----	3,980	1,060	695	377	587
31			-	9,040	4,530	-----	4,080	-----	601	-----	643
TOTAL			-	103,120	155,970	143,780	59,910	17,395	13,517	17,119	22,712
MEAN			-	3,326	5,570	4,638	1,997	561	451	552	733
MAX			-	8,300	10,200	7,400	3,960	992	958	1,080	1,520
MIN			-	1,220	2,580	2,860	1,060	340	210	240	292
(†)			-	+26	+1	-14	-85	+14	+30	+6	-2
MEAN #			-	3,352	5,572	4,624	1,912	575	481	559	730
CFSM #			-	2.49	4.15	3.44	1.42	43	36	42	54
IN #			-	2.88	4.32	3.97	1.59	49	40	48	63

† Change in contents in Gantt and Point-A Reservoirs, equivalent in cubic feet per second

‡ Adjusted for change in reservoir contents

ESCAMBIA RIVER BASIN

2-3730 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, 2 5 miles upstream from Pinney Woods Creek, 5 5 miles downstream from Persimmon Creek, and 7 miles southwest of McKenzie

Drainage area --464 sq mi

Records available --October 1937 to September 1965

Gage --Digital water-stage recorder Datum of gage is 155 96 ft above mean sea level, unadjusted (levels by Corps of Engineers) Prior to Mar 25, 1939, wire-weight gage, and Mar 26, 1939, to July 29, 1960, graphic water-stage recorder at present site and datum

Average discharge --28 years, 654 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (3,500 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	2330	9,700	16 30	Jan 8, 1962	1500	5,420	11 19	Dec 27, 1964	2100	5,390	11 08
Feb 26, 1961	1900	25,500	24 70	Apr 2, 1962	1745	* 10,600	17 18	Jan 25, 1965	1515	* 16,100	21 45
Mar 20, 1961	1400	* 8,770	10 06					Feb 9, 1965	1145	7,060	13 32
Apr 2, 1961	2330	7,800	14 22	Jan 23, 1963	0430	* 5,750	11 60	Feb 20, 1965	0130	7,810	14 23
Apr 14, 1961	0915	6,520	12 65					Mar 20, 1965	1100	4,130	9 29
June 26, 1961	1515	5,050	10 60	Mar 5, 1964	0900	6,350	12 44				
				Apr 17, 1964	1030	5,180	10 78				
Dec 14, 1961	2200	7,010	13 26	Apr 29, 1964	0300	* 22,200	24 34				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 8, 9, 10, 1960	53	3 02	1964	Several days	6 1	2 47
1962	Aug 24, 1962	27	2 70	1965	Sept 28, 1965	39	2 82
1963	Sept 12, 14, 1963	6 1	2 51				

1937-65 Maximum discharge, 28,100 cfs Mar 17, 1938, maximum gage height, 24 70 ft Feb 26, 1961, minimum discharge, 3 5 cfs Sept 15, 28, 29, 30, 1954
Maximum stage known, about 33 ft in March 1929, from information by local residents

Remarks --Records good except those for water year 1965, which are fair Records of chemical analyses for the water year 1965 are published in report of the Geological Survey

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	163	64	89	201	283	7,610	6,160	702	143	661	287	129
2	138	62	88	249	249	3,190	7,610	677	135	522	216	396
3	121	61	95	244	260	2,040	5,920	575	125	460	226	497
4	106	60	88	210	274	1,540	3,490	496	119	396	351	556
5	98	63	79	158	332	1,190	2,480	411	117	338	400	376
6	99	61	74	132	380	970	2,020	323	112	303	554	322
7	111	57	72	121	709	1,120	1,940	278	107	264	400	367
8	138	54	70	124	1,130	2,000	1,910	252	104	234	292	325
9	129	53	71	123	1,100	2,570	2,090	306	103	244	283	227
10	128	56	69	121	811	1,940	2,690	303	197	246	260	223
11	116	60	80	119	598	1,600	3,160	315	148	233	242	245
12	102	57	80	121	440	1,490	4,120	329	144	390	222	270
13	94	56	75	118	365	1,170	5,090	283	117	749	195	315
14	90	56	74	138	309	1,060	6,280	248	151	631	150	776
15	86	55	97	152	274	1,820	4,780	229	215	548	182	805
16	83	56	113	166	255	1,700	3,480	216	309	429	292	872
17	79	65	109	183	240	1,720	2,600	202	605	373	219	548
18	77	67	106	162	1,710	3,080	1,960	186	413	512	158	783
19	76	69	117	143	4,280	3,900	1,320	169	346	369	146	204
20	76	65	108	146	6,910	4,580	933	153	837	256	130	166
21	74	62	122	139	9,260	3,680	768	147	1,820	536	115	141
22	72	61	115	135	9,080	2,610	668	150	2,640	1,410	109	128
23	71	71	114	143	7,310	2,120	596	143	2,020	976	104	117
24	70	88	128	143	6,710	1,490	541	162	1,700	475	109	106
25	69	82	126	219	9,970	966	494	287	3,730	565	132	101
26	67	85	108	450	21,800	778	468	238	4,730	903	139	93
27	67	116	102	835	20,200	711	560	260	3,470	561	110	106
28	66	103	98	793	13,900	965	928	221	2,950	430	229	92
29	64	142	96	614	-----	2,030	984	201	2,420	390	171	83
30	62	100	113	470	-----	2,980	742	173	1,100	679	136	76
31	64	-----	133	342	-----	4,710	-----	153	-----	470	122	-----
TOTAL	2,856	2,107	3,009	7,414	119,139	69,330	76,782	8,788	31,127	14,453	6,701	8,940
MEAN	92.1	70.2	97.1	239	4,295	2,236	2,559	283	1,038	507	216	298
MAX	163	142	133	835	21,800	7,610	7,610	702	4,730	1,410	554	872
MIN	62	53	69	118	240	711	468	143	103	233	104	76
CFSM	.20	.15	.21	.52	9.17	4.82	5.52	.61	2.24	1.08	.47	.64
IN.	.23	.17	.24	.59	9.55	5.56	6.15	.70	2.49	1.25	.54	.72

CAL YR 1960: TOTAL 323,748 MEAN 885 MAX 14,800 MIN 48 CFSM 1.91 IN 25.95
WAT YR 1961: TOTAL 351,746 MEAN 964 MAX 21,800 MIN 53 CFSM 2.08 IN 28.19

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DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	90	37	182	456	705	541	261	139	90	182	78	19
2	81	36	174	325	718	503	245	137	88	157	85	18
3	78	36	174	261	712	492	233	157	69	124	96	16
4	78	37	164	228	770	456	225	146	56	99	83	14
5	83	37	153	211	796	422	216	122	46	81	75	13
6	96	35	143	208	686	1,300	225	109	37	68	58	11
7	90	34	137	205	547	2,520	318	99	32	58	44	9.1
8	78	44	141	205	481	3,140	446	92	29	56	36	7.7
9	71	92	141	211	431	2,360	519	85	26	63	30	7.0
10	66	73	133	205	390	1,830	413	80	23	68	25	6.7
11	63	75	128	202	436	1,530	307	75	21	64	44	6.4
12	92	118	124	848	673	944	264	71	19	52	42	6.1
13	87	120	120	1,500	848	790	242	85	18	42	31	6.7
14	73	94	116	1,390	783	993	222	131	16	37	58	6.4
15	64	80	114	1,220	608	1,350	203	131	16	39	64	7.7
16	58	78	120	1,030	461	1,200	189	107	15	58	64	13
17	55	76	122	640	395	972	177	85	34	197	187	11
18	55	69	124	502	365	777	167	73	46	172	143	11
19	53	64	126	946	764	640	157	66	27	124	94	14
20	52	63	135	2,440	1,500	559	150	63	105	103	75	13
21	50	413	128	3,320	1,410	508	143	64	63	92	55	9.8
22	53	993	131	4,740	1,180	492	137	61	103	83	55	8.4
23	50	1,070	133	5,400	882	446	131	58	192	69	50	8.4
24	46	796	156	3,440	699	377	124	53	25	86	54	13.3
25	47	692	236	2,350	882	348	118	49	239	427	58	8.4
26	55	653	279	1,730	1,000	348	114	50	248	595	44	6.7
27	55	325	365	1,040	895	348	111	49	245	318	35	11
28	49	322	336	802	660	356	109	47	167	194	49	37
29	43	194	672	373	-----	123	126	73	141	30	40	6.0
30	42	192	422	601	-----	318	137	76	211	107	32	36
31	39	-----	525	608	-----	283	-----	81	-----	87	25	-----
TOTAL MEAN	1,992 628	6,848 218	5,863 183	37,936 1,214	20,637 737	27,516 218	6,429 193	2,714 83	2,801 130	4,042 130	1,907 61.5	405.1 13.4
MAX	96	1,070	525	5,400	1,500	3,140	519	157	286	595	187	40
MIN	34	34	114	202	365	283	109	47	15	37	25	6.1
CFSM	.19	.49	.41	2.64	1.59	1.41	.46	.19	.20	.28	.13	.03
IN.	.16	.55	.47	3.04	1.65	2.21	.52	.22	.22	.32	.15	.03
GAL YR 1962: 191,497 MEAN 525 MAX 10,300 MIN 29 CFSM 1.13 IN 15.25												
WAT YR 1963: TOTAL 119,090.1 MEAN 326 MAX 5,400 MIN 6.1 CFSM .70 IN 9.55												

ESCAMBIA RIVER BASIN

2-3730 Sepulga River near McKenzie, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	78	7.7	243	232	495	1,200	361	9,200	126	329	1,460	103
2	97	11	243	329	507	1,520	338	5,360	120	264	1,240	96
3	66	12	177	425	468	3,150	325	4,840	114	229	1,150	90
4	46	11	120	389	404	4,950	316	6,420	111	316	631	85
5	36	11	96	316	370	6,160	308	5,500	107	673	430	80
6	29	11	83	375	404	5,070	351	3,200	105	619	329	80
7	23	13	76	963	462	3,740	440	2,140	143	370	308	88
8	20	14	76	1,410	468	2,580	655	1,420	180	232	370	80
9	17	20	76	1,880	415	1,930	751	845	131	185	553	71
10	15	19	69	2,350	370	1,310	727	685	131	200	530	66
11	13	16	66	2,380	333	1,000	667	583	112	200	601	141
12	11	15	76	1,680	299	845	577	619	124	260	565	781
13	11	15	139	1,330	287	727	468	1,030	111	425	457	1,370
14	9.8	14	375	995	316	655	1,140	1,260	96	435	356	1,130
15	9.1	14	721	655	420	865	2,660	878	87	495	260	884
16	8.4	13	839	512	583	1,160	4,050	655	81	479	219	781
17	7.0	14	649	524	571	1,210	4,960	451	73	356	250	473
18	6.7	16	495	975	858	1,010	3,410	361	64	308	225	243
19	6.4	15	291	1,370	1,720	845	2,230	312	60	257	222	194
20	6.1	16	210	1,150	1,710	1,320	1,440	276	60	216	257	171
21	6.1	16	180	1,120	1,420	1,690	781	250	58	276	203	151
22	6.1	19	163	956	1,150	1,460	619	232	56	832	185	141
23	6.1	76	155	775	781	1,190	536	257	50	1,080	188	131
24	6.1	76	155	631	601	858	479	232	63	975	188	120
25	6.4	60	151	715	751	691	440	210	76	878	194	112
26	7.0	68	155	1,250	1,290	679	757	253	88	819	180	105
27	7.0	133	155	1,110	1,390	655	5,630	210	73	553	168	99
28	7.0	158	139	943	1,410	613	17,500	180	81	709	151	90
29	6.7	347	128	721	1,420	536	20,600	123	101	1,180	135	94
30	6.1	287	120	577	-----	451	15,200	148	188	1,340	122	103
31	6.1	-----	143	501	-----	399	-----	135	-----	1,550	112	-----
TOTAL	586.2	1,517.7	6,764	29,519	21,673	50,469	88,716	48,305	2,981	17,040	12,239	8,153
MEAN	18.9	50.6	218	952	747	1,628	2,987	1,558	99.4	552	389	272
MAX	97	347	839	2,380	1,720	6,160	20,600	9,200	188	1,550	1,460	1,370
MIN	6.1	7.7	66	232	287	399	308	135	50	185	112	66
CFSM	.04	.11	.47	2.05	1.61	3.51	6.37	3.36	.21	1.18	.85	.59
IN.	.05	.12	.54	2.37	1.74	4.05	7.11	3.87	.24	1.37	.98	.65

CAL YR 1963: TOTAL 113,255.0 MEAN 310 MAX 5,400 MIN 6.1 CFSM 1.67 IN 2.08
 MAY YR 1964: TOTAL 287,962.9 MEAN 787 MAX 20,600 MIN 6.1 CFSM 1.90 IN 23.08

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	107	118	528	1,120	1,020	1,160	1,220	177	93	55	450	137
2	116	114	413	851	1,110	2,170	1,020	165	90	49	420	118
3	146	112	339	754	1,320	3,010	891	155	69	59	280	109
4	243	111	382	755	1,200	3,090	801	148	60	87	177	120
5	583	105	432	761	1,010	2,410	745	139	52	174	133	127
6	1,070	103	590	675	1,350	2,040	687	134	48	170	128	128
7	878	101	484	569	3,090	1,730	628	130	55	137	143	107
8	667	99	370	510	5,060	1,330	573	124	59	174	225	91
9	484	101	318	472	6,860	1,060	525	119	58	217	787	80
10	253	99	280	449	5,130	983	486	113	62	219	975	73
11	194	99	272	424	3,040	977	451	108	75	258	775	65
12	165	99	394	405	2,390	1,010	416	102	84	181	530	60
13	146	153	577	384	2,610	1,480	391	98	170	148	440	57
14	148	148	637	356	2,590	1,870	362	92	217	146	325	54
15	385	133	518	342	2,340	1,700	334	85	176	198	280	50
16	1,040	120	389	341	2,100	1,530	313	80	158	128	216	47
17	1,070	114	325	329	2,600	1,340	284	76	386	131	180	55
18	703	114	303	321	4,260	2,210	265	72	254	123	188	66
19	451	115	308	299	6,970	3,410	267	67	192	107	165	63
20	303	187	338	280	7,130	4,010	395	63	138	87	191	54
21	235	180	347	271	4,470	3,130	407	60	108	73	242	49
22	200	181	384	266	2,710	2,370	406	60	88	64	380	44
23	182	202	435	3,800	2,020	1,760	396	58	75	67	361	41
24	163	234	462	9,670	1,480	1,220	289	55	66	70	219	45
25	155	1,060	1,410	15,600	1,380	1,080	257	52	64	108	177	48
26	141	1,550	3,440	13,300	1,390	1,260	250	50	59	275	203	47
27	137	1,190	5,230	8,080	1,220	2,110	230	47	67	231	153	43
28	128	965	5,110	3,710	1,120	2,350	215	99	68	173	242	40
29	120	880	3,900	2,210	-----	2,160	204	116	75	234	346	62
30	120	660	2,500	1,640	-----	1,820	190	75	66	704	253	824
31	118	-----	1,810	1,220	-----	1,570	-----	61	-----	796	175	-----
TOTAL	10,851	9,447	33,225	70,154	78,970	59,350	13,898	2,980	3,232	5,643	9,758	2,884
MEAN	380	315	1,072	2,263	2,620	1,915	463	96.1	108	182	315	96.1
MAX	1,070	1,550	5,230	15,600	7,130	4,010	1,220	177	386	796	975	824
MIN	107	99	272	266	1,010	977	190	47	48	49	128	40
CFSM	.75	.68	2.31	4.88	6.08	4.13	1.00	.21	.23	.39	.68	.21
IN.	.87	.76	2.66	5.62	6.33	4.76	1.11	.24	.26	.45	.78	.23

CAL YR 1964: TOTAL 332,618 MEAN 909 MAX 20,600 MIN 50 CFSM 1.96 IN 26.66
 MAY YR 1965: TOTAL 300,393 MEAN 823 MAX 15,600 MIN 40 CFSM 1.77 IN 24.08

2-3735 Pigeon Creek near Thad, Ala

Location --Lat 31°29', long 86°39', in N¹/₂ sec 21, T 6 N, R 14 E, on left bank near downstream side of bridge on State Highway 55, 1 5 miles upstream from Louisville & Nashville Railroad bridge, 2 miles southeast of Thad, 3 miles upstream from Reedy Creek, and 5 5 miles southeast of McKenzie

Drainage area --296 sq mi

Records available --October 1937 to September 1965

Gage --Digital water-stage recorder Datum of gage is 172 58 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 Prior to Oct 24, 1938, wire-weight gage, and Oct 24, 1938, to July 29, 1960, graphic water-stage recorder at present site and datum

Average discharge --28 years, 439 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	0500	5,530	20 21	Apr 3, 1962	1515	* 3,970	18 10	Dec 29, 1964	0530	2,960	16 23
Feb 27, 1961	1430	* 15,500	27 27	Apr 16, 1962	1045	2,080	13 95	Jan 25, 1965	2400	* 8,940	23 10
Apr 3, 1961	0930	3,940	18 05	Jan 23, 1963	1700	* 3,720	17 69	Feb 10, 1965	0730	3,050	16 40
Apr 12, 1961	0930	2,980	16 27	Mar 4, 1964	2245	2,990	16 28	Feb 19, 1965	1500	3,510	17 32
Nov 15, 1961	1130	2,000	13 68	Apr 18, 1964	0415	2,720	15 67	Mar 21, 1965	0415	2,000	13 66
Dec 14, 1961	0730	3,850	17 90	Apr 29, 1964	0530	* 17,300	27 85				
Jan 10, 1962	0015	2,430	14 96								

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 26, 1961	a 51	2 56	1964	Oct 30, 1963	23	2 18
1962	Oct 21, 1961	a 34	-	1965	Sept 26, 1965	38	2 40
1963	Sept 26, 27, 1963	a 24	2 18				

a Minimum daily

1937-65 Maximum discharge, 17,300 cfs Apr 29, 1964 (gage height, 27 85 ft), minimum, 1 6 cfs Oct 11, 1938 (gage height, 1 66 ft), result of unusual regulation, minimum daily, 7 8 cfs Aug 23, 1956

Maximum stage known, about 30 feet in March 1929, from information by local residents

Remarks --Records good Prior to July 1961 diurnal fluctuation and occasional regulation caused by small mill 200 feet upstream from station Records of chemical analyses are published in reports of the Geological Survey

Revisions --WSP 952 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	288	64	113	207	249	3,020	3,140	614	135	517	87	230
2	195	65	125	241	219	2,010	3,330	725	120	356	89	248
3	148	69	119	280	240	1,430	3,770	697	110	314	101	308
4	123	73	106	272	243	1,080	2,810	582	102	264	82	257
5	107	68	97	200	254	912	1,980	496	94	331	74	248
6	122	64	92	162	337	784	1,400	388	87	355	174	250
7	140	62	91	144	460	696	1,120	318	82	246	206	196
8	132	59	91	151	481	701	1,100	281	78	246	168	195
9	174	61	89	145	481	810	1,440	342	75	240	152	138
10	180	68	88	145	486	1,030	1,730	343	87	172	144	129
11	153	66	104	157	449	1,350	1,720	362	88	253	138	123
12	126	63	99	152	341	1,230	2,710	371	77	438	112	175
13	107	65	96	144	270	945	2,640	327	74	365	98	159
14	97	68	104	158	239	766	2,370	283	79	421	105	218
15	91	68	133	160	219	812	2,640	256	124	513	116	415
16	102	68	126	199	205	731	2,500	229	207	499	152	403
17	85	76	123	228	196	788	1,880	205	188	386	111	315
18	78	76	167	194	984	1,550	1,270	189	199	275	87	188
19	70	75	162	166	2,340	1,800	926	169	220	190	77	131
20	60	74	134	156	2,550	1,660	726	155	408	168	71	108
21	67	76	136	148	2,470	1,530	614	143	628	192	66	92
22	69	76	126	163	4,700	1,450	548	127	581	169	75	84
23	70	82	154	178	5,160	1,420	504	129	590	146	70	77
24	69	82	188	160	3,510	936	470	158	748	122	68	72
25	67	105	160	224	2,980	680	439	231	680	110	84	60
26	64	180	135	333	7,580	570	417	501	589	117	91	51
27	64	181	128	395	13,400	524	438	320	895	185	91	66
28	62	138	124	425	6,430	614	637	255	1,060	143	104	57
29	60	131	121	446	-----	876	773	234	872	141	109	54
30	60	114	138	439	-----	1,180	641	195	739	105	102	52
31	67	-----	162	323	-----	2,400	-----	157	-----	95	130	-----
TOTAL	3,297	2,517	3,831	6,895	57,473	36,385	46,683	9,792	10,916	8,094	3,334	5,099
MEAN	106	83.9	124	222	2,053	1,174	1,556	312	354	261	108	170
MAX	288	181	188	446	13,400	3,020	3,770	725	1,060	517	206	415
MIN	60	59	88	144	196	524	417	129	74	95	66	51
CFSM	.36	.28	.42	.75	6.93	3.97	5.26	1.07	1.13	.88	.36	.57
IN-	.41	.32	.48	.87	7.22	4.57	5.87	1.23	1.26	1.02	.42	.64

CAL YR 1960: TOTAL 217,061
MAT YR 1961: TOTAL 193,416

MEAN 593
MEAN 530

MAX 9,240
MAX 13,400

MIN 59
MIN 51

CFSM 2.00
CFSM 1.79

IN 21.27
IN 24.30

ESCAMBIA RIVER BASIN

2-3735 Pigeon Creek near Thad, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	49	36	162	409	561	926	3,300	596	92	68	160	50
2	48	36	153	403	445	1,620	3,080	557	105	60	123	44
3	47	40	146	396	413	1,740	3,670	378	134	53	84	43
4	48	46	140	386	388	1,590	3,030	265	128	55	70	41
5	46	41	138	439	376	1,300	1,990	224	121	51	62	85
6	46	43	140	992	393	1,070	1,590	194	98	76	55	65
7	47	51	142	1,510	372	772	1,680	175	80	102	49	69
8	47	53	163	1,900	354	572	1,750	182	71	78	44	75
9	46	50	228	2,180	338	505	1,510	166	74	100	47	48
10	43	47	398	2,280	323	470	1,260	142	77	120	49	54
11	44	47	725	1,750	313	516	990	129	87	106	43	76
12	43	45	1,350	1,020	307	909	817	125	89	81	43	66
13	42	45	2,530	651	296	943	868	123	77	65	43	54
14	40	125	3,680	553	284	770	940	116	95	55	77	51
15	38	1,600	3,060	530	273	769	1,260	108	120	61	101	57
16	37	1,580	2,900	592	276	663	2,010	101	103	60	177	69
17	37	959	2,430	630	290	569	1,540	97	78	76	404	156
18	36	707	2,190	627	383	578	770	100	66	73	491	283
19	36	566	2,070	651	866	522	509	91	63	69	327	411
20	35	343	1,960	720	1,120	432	437	90	66	59	194	546
21	34	230	1,670	743	1,080	393	396	86	95	51	130	608
22	35	186	1,330	746	1,150	365	388	80	95	46	100	288
23	35	355	983	794	1,020	380	348	74	135	42	91	149
24	35	386	631	708	1,050	366	314	72	121	38	81	111
25	35	369	515	561	1,030	437	294	69	96	37	75	94
26	35	364	471	505	1,070	546	278	66	82	37	72	102
27	35	305	446	585	922	493	261	64	72	36	95	98
28	35	234	428	746	815	484	366	62	153	48	77	92
29	35	198	415	785	-----	484	522	60	154	70	66	129
30	36	176	411	728	-----	378	598	59	83	50	58	131
31	37	-----	408	680	-----	1,520	-----	59	-----	73	54	-----
TOTAL	1,242	9,263	32,413	26,200	16,528	23,082	36,766	4,712	2,910	1,996	7,332	4,145
MEAN	40.1	309	1,046	845	530	745	1,226	152	87.0	64.4	114	128
MAX	49	1,600	3,680	2,280	1,150	1,740	3,670	596	154	170	491	608
MIN	34	36	138	386	273	365	261	59	63	36	43	41
CFSM	.14	1.04	3.53	2.86	1.99	2.52	4.14	.51	.33	.22	.38	.47
IN.	.16	1.16	4.07	3.29	2.08	2.90	4.62	.59	.37	.25	.44	.52

CAL YR 1961: TOTAL 225,682

MEAN 621

MAX 13,400

MIN 34

CFSM 2.10

IN 20.48

MAY YR 1962: TOTAL 162,789

MEAN 446

MAX 3,680

MIN 34

CFSM 1.51

IN 12.44

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	140	59	231	450	577	460	237	98	98	113	112	48
2	134	63	229	403	604	423	224	137	77	113	74	45
3	122	66	216	307	656	399	211	182	64	119	62	40
4	146	62	197	254	634	390	203	139	55	103	61	38
5	171	57	180	230	583	385	193	107	49	72	58	37
6	152	56	170	242	580	608	212	91	45	61	52	36
7	118	56	163	242	562	899	613	83	43	58	48	35
8	100	70	171	251	471	1,040	469	77	42	70	45	34
9	95	112	159	256	414	1,210	419	77	40	71	46	31
10	97	85	150	236	381	1,790	404	68	36	55	108	30
11	144	128	151	280	419	1,390	316	64	34	50	140	29
12	143	192	144	590	649	691	262	61	33	49	94	28
13	112	160	135	872	664	533	232	60	32	49	70	28
14	92	123	128	915	614	619	203	58	33	47	142	28
15	83	118	121	985	590	745	183	61	32	58	155	31
16	76	112	130	1,010	494	649	165	69	30	99	147	29
17	72	101	140	702	407	568	152	69	63	74	169	28
18	68	92	159	481	368	508	139	65	110	156	127	28
19	65	84	189	567	561	451	131	60	100	146	87	29
20	62	82	157	1,290	763	427	124	58	56	131	82	27
21	63	309	142	2,220	745	395	117	56	55	130	71	26
22	66	453	142	2,540	754	384	111	53	128	103	62	26
23	65	652	145	3,540	767	382	106	53	105	94	57	29
24	79	768	201	3,150	629	342	104	54	105	185	61	25
25	80	916	471	2,220	580	302	98	55	186	454	64	24
26	74	1,040	547	1,490	569	313	94	51	216	207	60	24
27	66	615	552	901	567	308	91	49	289	144	52	67
28	60	311	545	671	550	303	89	51	152	136	122	107
29	57	241	554	593	-----	315	94	60	114	105	92	61
30	57	240	496	553	-----	295	99	52	135	89	62	71
31	59	-----	462	547	-----	260	-----	75	-----	129	54	-----
TOTAL	2,918	7,423	7,557	28,988	16,162	17,784	6,095	2,288	2,557	3,470	2,631	1,119
MEAN	94.1	247	244	935	577	574	203	73.8	85.2	112	84.9	37.3
MAX	171	1,040	554	3,540	767	1,790	613	182	289	454	169	107
MIN	57	56	121	230	368	260	89	49	30	47	45	24
CFSM	.32	.84	.82	3.16	1.95	1.94	.69	.25	.29	.38	.29	.13
IN.	.37	.93	.95	3.64	2.03	2.23	.77	.29	.32	.44	.33	.14

CAL YR 1962: TOTAL 137,769

MEAN 377

MAX 3,670

MIN 36

CFSM 1.28

IN 17.31

MAY YR 1963: TOTAL 98,992

MEAN 271

MAX 3,540

MIN 24

CFSM .92

IN 12.44

2-3735 Pigeon Creek near Thad, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	145	33	289	252	347	705	337	3,470	109	456	876	92
2	112	37	341	276	345	1,100	314	3,040	106	442	1,140	103
3	78	30	297	334	350	2,010	294	3,040	103	361	868	87
4	61	27	185	374	333	2,850	293	2,510	98	338	495	78
5	53	26	139	334	314	2,730	281	2,530	93	293	416	73
6	48	30	118	397	313	2,410	296	2,360	146	242	385	76
7	47	34	104	557	319	2,290	341	1,820	121	249	466	79
8	42	33	102	666	343	1,800	390	1,160	97	210	335	67
9	40	32	91	1,010	339	1,270	476	707	103	154	333	64
10	38	33	86	1,120	308	922	502	541	112	116	371	61
11	36	34	89	1,120	289	669	553	474	97	176	711	161
12	34	33	105	1,080	276	569	758	505	85	287	819	558
13	35	32	193	1,030	263	511	808	733	77	354	750	552
14	35	34	404	989	283	463	884	870	87	504	598	645
15	31	35	565	622	332	530	1,280	906	118	507	366	792
16	29	35	621	443	438	730	1,510	935	107	550	256	952
17	28	34	641	440	532	711	2,080	689	86	559	310	775
18	27	30	655	497	727	668	2,560	429	74	402	405	317
19	27	30	534	551	855	700	1,910	347	67	245	478	216
20	27	29	323	595	924	819	1,110	300	62	220	466	174
21	29	31	240	630	887	864	594	261	61	273	296	150
22	27	32	203	606	933	838	466	228	84	513	214	137
23	25	87	192	545	903	751	407	208	64	562	223	129
24	28	45	178	494	550	738	356	190	62	504	258	116
25	27	45	176	505	560	628	317	180	59	403	208	106
26	29	79	196	477	665	511	450	169	118	307	178	97
27	28	130	190	508	676	481	3,200	169	162	238	152	92
28	26	236	170	590	731	457	10,300	156	146	368	130	87
29	29	370	155	579	786	463	15,600	176	531	115	135	88
30	23	269	143	456	-----	418	8,020	124	319	740	102	103
31	26	-----	196	380	-----	362	-----	116	-----	745	93	-----
TOTAL	1,265	1,972	7,921	18,457	14,921	30,968	56,687	29,305	3,109	11,842	12,713	7,922
MEAN	40.8	62.0	255.2	593.8	465.2	968.0	1,751.5	881.1	97.1	368.5	394.4	247.8
MAX	145	370	655	1,120	933	2,850	15,600	3,470	109	745	1,140	952
MIN	23	26	86	252	263	362	281	116	59	116	93	61
CFSM	.14	.22	.86	2.01	1.74	3.37	6.38	3.19	.36	1.29	1.39	.79
IN.	.16	.25	1.00	2.32	1.87	3.89	7.12	3.68	.40	1.49	1.60	.88

CAL YR 1963: TOTAL 92,252 MEAN 253 MAX 3,540 MIN 23 CFSM .85 IN 11.59
WAT YR 1964: TOTAL 196,331 MEAN 536 MAX 15,600 MIN 23 CFSM 1.81 IN 24.67

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	111	120	474	1,160	776	946	984	196	93	67	268	77
2	166	118	446	744	822	1,250	756	180	84	78	217	116
3	363	117	373	616	898	1,610	638	161	75	103	125	94
4	329	116	363	582	818	1,700	582	146	74	82	109	86
5	427	113	498	560	770	1,400	532	145	70	120	93	73
6	492	110	468	532	1,010	1,200	512	134	69	74	86	71
7	608	110	412	474	1,730	1,100	509	124	81	82	122	70
8	753	110	361	426	2,510	1,000	451	129	90	129	301	66
9	808	107	311	402	2,600	920	421	122	75	99	239	62
10	456	107	280	395	2,930	910	399	124	78	111	244	58
11	263	109	265	387	2,310	782	368	125	112	124	342	54
12	208	110	328	373	1,790	801	367	133	146	137	322	51
13	180	160	374	373	1,460	959	356	114	111	124	270	50
14	178	153	430	354	1,400	1,110	326	102	129	123	186	48
15	241	142	452	333	1,420	1,210	306	93	114	110	220	47
16	260	139	395	331	1,460	1,290	285	86	121	101	181	47
17	356	137	326	329	1,730	1,250	257	80	176	91	150	47
18	451	133	298	328	2,190	1,270	238	77	150	78	139	45
19	492	129	293	318	3,320	1,590	266	75	110	73	137	45
20	371	201	303	301	2,600	1,910	324	73	90	66	137	49
21	243	206	326	301	2,320	1,950	309	69	82	62	134	52
22	192	245	352	280	1,910	1,660	356	67	74	62	176	52
23	167	289	385	1,720	14,430	1,230	367	66	70	57	342	49
24	152	340	416	4,360	1,070	892	298	66	65	55	248	53
25	144	601	849	6,820	888	748	280	75	67	52	204	47
26	138	688	1,430	7,590	760	794	259	85	60	48	141	43
27	132	675	1,920	4,050	692	1,170	234	73	62	42	107	43
28	129	757	2,350	2,310	806	1,850	221	243	67	118	128	55
29	126	841	2,810	1,690	-----	1,440	211	217	71	157	115	57
30	125	685	2,160	1,260	-----	1,320	210	103	66	138	96	416
31	123	-----	1,650	946	-----	1,250	-----	85	-----	116	85	-----
TOTAL	9,184	7,868	22,098	40,645	44,760	38,182	11,622	3,568	2,732	2,919	5,614	2,123
MEAN	296	262	713	1,311	1,509	1,232	387	115	91.1	94.2	181	66.8
MAX	808	841	2,810	7,590	3,320	1,950	984	243	176	157	342	416
MIN	111	107	265	280	692	748	210	66	60	48	85	43
CFSM	1.00	.89	2.41	4.43	5.40	4.16	1.31	.39	.31	.32	.61	.24
IN.	1.15	.99	2.78	5.11	5.62	4.80	1.46	.45	.34	.37	.71	.27

CAL YR 1964: TOTAL 224,323 MEAN 513 MAX 15,600 MIN 43 CFSM 2.97 IN 22.18
WAT YR 1965: TOTAL 191,313 MEAN 524 MAX 7,590 MIN 43 CFSM 2.97 IN 22.64

ESCAMBIA RIVER BASIN

2-3745 Murder Creek near Evergreen, Ala

Location --Lat 31°25', long 87°00', in NW 1/4 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 2 5 miles southwest of Evergreen

Drainage area --170 sq mi

Records available --October 1937 to September 1965

Gage --Digital water-stage recorder. Datum of gage is 178.29 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 (levels by Corps of Engineers). Prior to Mar 25, 1939, wire-weight gage, Mar 25, 1939, to July 29, 1960, graphic water-stage recorder at present site and datum.

Average discharge --28 years, 276 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	1250	3,520	11 19	Jan 6, 1962	2100	2,270	10 41	May 2, 1964	2145	2,370	10 48
Feb 25, 1961	0515	* 22,000	16 13	Mar 31, 1962	2400	* 8,730	13 22				
Mar 31, 1961	1515	2,390	10 49					Jan 23, 1965	2045	* 8,050	13 02
Apr 12, 1961	0920	2,620	10 65	Jan 21, 1963	0730	* 1,650	9 82	Feb 18, 1965	0945	2,220	10 37
June 21, 1961	1000	2,580	10 62								
Dec 11, 1961	1645	2,390	10 49	Mar 3, 1964	2215	2,000	10 19				
				Apr 27, 1964	1415	* 10,800	13 80				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 26, 27, 1960	138	-	1964	Oct 31, 1963	53	-
1962	Aug 11, 12, 1962	100	-	1965	July 21, 1965	127	3.58
1963	Sept 25, 26, 1963	55	2.77				

1937-65 Maximum discharge, 22,000 cfs Feb 25, 1961 (gage height, 16 13 ft), from rating curve extended above 10,000 cfs by logarithmic plotting, maximum gage height, 16 65 ft Mar 16, 1968, minimum discharge, 38 cfs Sept 2, 3, 1954

Flood in March 1929 reached a stage of 26 6 ft. from information by local resident

Remarks --Records good. Records of chemical analyses for the water year 1965 are published in report of the Geological Survey.

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	184	163	212	351	210	762	1,760	348	190	396	221	209
2	169	184	130	184	120	905	1,070	352	182	305	303	305
3	159	147	172	251	253	630	754	536	176	319	260	414
4	155	141	170	206	285	554	623	391	172	309	532	474
5	152	140	169	192	263	514	579	320	171	318	603	476
6	168	139	168	187	280	485	589	296	166	332	340	268
7	239	138	168	185	463	468	739	284	160	294	328	255
8	233	139	169	211	508	1,060	670	275	156	269	378	311
9	193	141	169	226	433	802	722	354	164	281	373	271
10	170	150	167	204	315	563	1,170	413	189	276	298	270
11	158	157	193	188	252	457	950	371	224	267	260	354
12	153	154	225	182	232	416	2,000	325	251	402	218	429
13	150	151	201	184	222	401	1,670	300	185	542	202	362
14	147	149	178	223	215	446	961	279	233	456	270	545
15	148	148	207	243	208	478	783	266	392	404	257	493
16	149	146	297	218	204	447	1,130	259	623	326	243	371
17	146	164	279	195	201	557	719	244	536	323	223	247
18	143	192	209	184	1,430	1,520	593	230	386	448	206	210
19	141	187	186	182	2,870	1,510	522	221	351	455	182	197
20	150	174	183	204	1,740	942	481	214	805	319	170	194
21	152	159	239	200	1,390	653	452	211	2,130	632	173	187
22	149	155	269	184	958	535	432	236	1,070	1,010	198	178
23	146	202	226	179	1,710	471	416	233	583	603	202	172
24	142	293	195	185	1,240	426	402	221	1,340	379	292	168
25	140	213	193	321	11,100	391	386	265	1,570	350	266	164
26	137	185	193	482	2,680	369	391	351	1,350	360	239	180
27	138	176	190	515	1,180	377	476	423	1,140	319	232	207
28	139	176	188	412	900	533	589	321	994	276	217	209
29	138	230	184	286	-----	886	585	240	676	300	194	176
30	137	241	234	234	-----	1,160	386	215	464	240	180	161
31	144	-----	288	220	-----	1,930	-----	200	-----	265	184	-----
TOTAL	4,869	5,107	6,305	7,567	31,947	21,469	22,902	9,347	17,029	11,893	8,094	8,257
MAX	157	170	203	244	1,141	693	763	302	568	384	261	275
NIN	230	293	297	515	11,100	1,930	2,000	536	2,130	1,010	505	545
CF5M	.92	1.00	1.20	1.44	6.71	4.07	4.49	1.77	3.34	2.26	1.54	1.61
IN.	1.07	1.12	1.38	1.66	6.99	4.70	5.01	2.04	3.73	2.60	1.77	1.81
WAL YR 1960: TOTAL 132,282 MEAN 361 MAX 3,550 NIN 126 CF5M 2.13 IN 28.94												
CAL YR 1961: TOTAL 152,886 MEAN 424 MAX 11,100 NIN 137 CF5M 2.49 IN 29.60												

2-3745 Murder Creek near Evergreen, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	154	146	168	320	280	536	4,670	513	189	182	200	103
2	153	145	168	310	272	934	1,380	341	249	158	156	102
3	151	148	170	278	265	847	838	286	228	142	134	102
4	155	185	168	255	262	627	633	264	202	135	130	102
5	156	210	167	307	267	464	552	253	199	136	135	103
6	151	189	175	1,270	326	382	987	245	168	164	127	105
7	147	176	209	1,540	296	347	1,620	235	156	209	120	114
8	147	165	224	843	275	328	1,040	226	148	246	115	156
9	151	155	190	579	264	321	708	219	153	189	110	158
10	148	150	354	466	261	318	563	211	164	155	109	139
11	142	153	1,300	408	246	420	501	207	200	134	102	125
12	139	157	1,330	363	237	485	513	203	233	125	100	139
13	136	159	1,520	334	236	364	620	197	236	121	102	170
14	137	200	1,180	330	234	318	618	190	211	121	123	143
15	136	282	765	367	231	336	464	186	279	158	366	156
16	133	336	807	410	247	350	394	183	197	299	330	154
17	134	367	763	396	262	321	365	181	164	314	188	148
18	134	302	822	340	354	277	352	210	153	202	154	147
19	134	214	717	372	896	264	345	190	151	153	134	131
20	131	187	616	466	710	260	331	177	162	136	126	117
21	131	175	440	435	456	265	312	174	279	123	123	109
22	135	169	360	368	604	259	294	167	299	118	129	104
23	136	253	331	327	537	290	285	161	188	114	154	103
24	137	333	310	312	478	286	279	157	174	111	148	105
25	137	304	292	304	425	351	274	155	184	109	130	105
26	140	214	279	298	412	270	150	214	108	122	111	111
27	136	186	283	356	346	375	265	146	168	110	117	158
28	133	180	321	454	315	289	435	145	153	111	113	128
29	135	176	306	436	-----	253	1,010	143	211	110	113	133
30	143	170	278	359	-----	467	-----	145	251	405	109	108
31	146	-----	273	298	-----	3,030	-----	147	-----	375	106	-----
TOTAL	4,378	6,186	15,286	13,901	9,994	14,582	21,805	6,406	5,963	5,474	4,417	3,758
MEAN	141	206	493	448	357	470	727	207	199	177	144	125
MAX	156	367	1,520	1,540	896	3,030	4,670	513	299	405	366	170
MIN	131	145	167	255	231	253	265	143	148	108	100	102
CFSM	.83	1.21	2.90	2.64	2.10	2.77	4.22	1.22	1.17	1.04	.84	.74
IN.	.96	1.35	3.34	3.04	2.19	3.19	4.77	1.40	1.30	1.20	.97	.82

CAL YR 1961: TOTAL 164,355
WAT YR 1962: TOTAL 112,190

MEAN 450
MEAN 307

MAX 11,100
MAX 4,670

MIN 131
MIN 100

CFSM 2.65
CFSM 1.81

IN 35.36
IN 24.33

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	105	105	150	191	262	213	151	179	95	137	92	69
2	158	102	134	168	243	221	147	133	84	114	93	64
3	227	104	127	160	292	210	145	115	79	111	83	61
4	199	107	128	156	295	199	144	107	77	111	75	61
5	143	110	136	153	257	206	140	103	74	97	70	63
6	123	107	132	171	223	490	151	99	73	88	67	61
7	115	105	127	180	210	823	251	96	72	85	67	59
8	121	109	138	173	200	639	273	93	71	81	67	58
9	144	189	151	161	194	371	249	91	70	91	71	58
10	146	247	139	155	191	277	189	87	69	98	77	57
11	127	201	130	198	251	253	166	86	67	87	71	56
12	117	150	128	627	374	245	158	84	65	78	93	61
13	115	159	124	601	314	274	157	121	64	83	107	64
14	113	145	122	442	255	274	144	167	63	128	87	79
15	110	126	129	291	216	457	133	118	62	135	114	80
16	109	118	143	219	200	450	129	100	64	118	120	78
17	108	117	158	199	194	321	126	91	67	103	93	76
18	115	117	150	250	194	256	124	87	102	95	79	72
19	118	119	139	358	382	231	121	85	187	87	74	71
20	108	125	136	1,010	410	220	117	91	192	90	76	67
21	105	350	135	1,450	359	207	115	146	166	84	132	62
22	121	683	149	922	255	195	111	138	203	88	135	61
23	131	442	170	583	216	185	109	110	393	100	98	61
24	116	225	173	383	266	178	106	99	564	90	84	59
25	109	154	243	306	306	176	104	54	321	181	77	56
26	106	139	234	290	287	185	101	89	171	184	71	56
27	105	130	190	277	238	205	103	86	124	164	69	62
28	104	127	166	256	213	187	109	85	171	130	66	107
29	106	126	247	239	-----	172	126	130	196	103	71	133
30	105	140	327	246	-----	162	195	145	157	98	84	106
31	107	-----	277	273	-----	155	-----	125	-----	91	79	-----
TOTAL	3,834	5,178	5,032	11,088	7,297	8,637	4,394	3,380	4,163	3,330	2,642	2,078
MEAN	124	173	162	358	261	276	146	109	139	107	85	69
MAX	227	683	327	1,450	410	823	273	179	564	184	135	133
MIN	104	102	122	153	191	155	101	84	62	78	66	56
CFSM	.73	1.02	.95	2.10	1.53	1.64	.86	.64	.82	.63	.50	.41
IN.	.84	1.13	1.10	2.43	1.60	1.89	.96	.74	.91	.73	.58	.45

CAL YR 1962: TOTAL 100,393
WAT YR 1963: TOTAL 61,393

MEAN 277
MEAN 277

MAX 1,450
MAX 1,450

MIN 100
MIN 100

CFSM 1.98
CFSM 1.98

IN 23.32
IN 23.32

2-3745 Murder Creek near Evergreen, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	86	57	353	239	228	250	200	651	135	414	720	124
2	79	70	166	252	219	447	198	1,180	130	362	600	126
3	76	77	134	209	206	1,490	198	1,650	124	396	506	116
4	12	71	130	170	194	1,550	203	972	118	491	400	114
5	69	69	117	174	199	1,000	201	709	111	758	270	114
6	66	70	106	243	224	715	228	526	123	609	190	116
7	64	72	100	445	213	582	449	445	153	324	160	125
8	62	71	103	462	200	479	396	394	125	191	150	128
9	61	69	112	681	186	392	330	361	115	193	250	119
10	60	69	104	746	176	351	264	336	119	240	240	113
11	59	70	99	634	168	320	226	314	170	281	280	156
12	59	69	108	467	163	296	203	393	129	400	260	143
13	59	67	178	333	163	274	230	641	148	586	241	492
14	59	65	327	273	181	273	493	662	132	574	235	303
15	61	67	436	243	196	428	898	389	110	429	195	182
16	59	69	381	229	207	409	931	286	103	360	177	155
17	58	70	246	252	192	354	591	251	116	315	198	137
18	58	70	163	321	322	306	385	229	112	354	184	129
19	57	70	138	372	384	304	296	194	98	274	178	132
20	56	70	128	365	348	517	258	183	92	228	246	132
21	56	70	128	324	275	484	236	174	88	201	187	127
22	56	70	128	277	214	386	222	168	91	266	236	121
23	99	109	137	242	197	296	215	200	93	377	278	118
24	83	200	149	228	187	260	203	181	113	352	290	114
25	67	191	137	289	295	252	197	174	127	345	212	109
26	94	118	124	348	372	274	334	185	141	275	176	104
27	73	166	118	312	350	264	5,080	166	276	249	160	105
28	59	232	114	261	363	241	2,420	146	220	311	149	109
29	56	389	109	230	297	228	1,160	160	500	200	178	166
30	54	503	105	215	---	211	817	133	256	700	133	124
31	53	---	134	211	---	203	---	133	---	760	128	---
TOTAL	2,030	3,430	5,012	10,047	6,919	13,833	18,062	12,562	4,068	12,115	7,762	4,594
MEAN	65.5	114	162	324	239	446	402	405	136	391	240	153
MAX	99	503	436	746	384	1,550	5,080	1,650	276	760	720	499
MIN	53	57	99	170	163	203	197	133	88	191	128	104
CFSM	.39	.67	.95	1.91	1.40	2.62	3.54	2.38	.80	2.30	1.47	.90
IN.	.44	.75	1.10	2.20	1.51	3.03	3.95	2.75	.89	2.65	1.70	1.01

CAL YR 1963: TOTAL 57,481 MEAN 157 MAX 1,450 MIN 53 CFSM .93 IN 12.57
 WAT YR 1964: TOTAL 100,434 MEAN 274 MAX 5,080 MIN 53 CFSM 1.61 IN 21.97

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	173	135	222	273	451	530	510	221	156	134	427	145
2	179	133	196	257	493	1,160	457	216	149	129	255	141
3	210	132	190	260	480	1,170	427	211	145	150	185	173
4	461	133	223	291	432	808	409	207	148	172	158	247
5	768	133	232	243	364	618	397	202	183	302	155	244
6	702	131	237	229	546	539	381	198	285	446	154	250
7	391	130	205	221	1,650	498	196	126	136	391	165	230
8	198	133	185	217	1,420	469	353	191	188	448	333	166
9	161	135	179	211	898	448	343	187	217	349	432	143
10	148	135	176	217	658	462	333	183	205	259	388	135
11	143	133	193	215	534	498	324	180	241	240	412	137
12	141	133	310	210	617	511	314	177	276	205	268	154
13	140	194	335	202	805	615	308	173	310	179	220	158
14	146	192	260	198	737	593	295	168	280	168	210	144
15	304	164	204	202	648	530	284	164	233	238	183	140
16	386	153	188	206	534	453	277	162	216	239	169	135
17	278	149	183	198	1,010	424	268	160	224	180	181	180
18	190	147	191	189	2,080	736	260	160	259	164	234	246
19	162	147	212	187	1,410	1,110	269	160	269	146	232	247
20	150	233	208	187	913	763	443	158	184	136	331	172
21	144	249	203	187	699	572	506	155	161	129	384	152
22	142	209	205	185	606	485	360	154	152	148	319	143
23	139	171	203	3,800	552	453	301	159	144	144	336	138
24	136	236	206	4,700	534	443	275	166	141	135	209	143
25	134	558	498	1,680	617	433	263	159	143	147	196	155
26	133	572	1,270	1,010	547	501	271	153	144	152	172	168
27	134	406	1,000	778	485	1,040	262	150	140	145	153	147
28	134	313	610	641	457	1,060	246	181	139	192	157	143
29	134	324	424	520	---	773	233	284	152	230	178	166
30	136	278	348	465	---	593	224	227	143	356	185	402
31	137	---	295	477	---	549	---	175	---	646	159	---
TOTAL	6,934	6,291	9,593	18,816	21,175	19,837	9,957	5,637	5,851	7,126	7,540	5,324
MEAN	224	210	309	607	756	640	332	182	191	224	240	166
MAX	768	572	1,270	4,700	2,080	1,170	510	284	310	446	432	402
MIN	133	130	176	185	364	424	224	150	139	129	153	135
CFSM	1.32	1.23	1.82	3.57	4.45	3.76	1.95	1.07	1.15	1.35	1.43	1.04
IN.	1.52	1.38	2.10	4.12	4.63	4.34	2.18	1.23	1.28	1.56	1.65	1.16

CAL YR 1964: TOTAL 112,780 MEAN 308 MAX 5,080 MIN 88 CFSM 1.81 IN 24.67
 WAT YR 1965: TOTAL 124,081 MEAN 340 MAX 4,700 MIN 129 CFSM 2.00 IN 27.14

2-3755 Escambia River near Century, Fla

Location --Lat 30°57'25", long 87°14'00", in NW 1/4 sec 10, T 5 N, R 30 W, on left bank 16 ft downstream from bridge on State Highway 4, 1 2 miles downstream from Escambia Creek, and 1 1/2 miles east of Century, Escambia County

Drainage area --3,817 sq mi

Records available --October 1934 to September 1965

Gage --Digital water-stage recorder Datum of gage is 28 34 ft above mean sea level (Florida State Road Department bench mark) Prior to Jan 13, 1940, wire-weight gage and Jan 13, 1940, to Sept 30, 1963, graphic water-stage recorder, at same site and datum

Average discharge --31 years, 6,101 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following Table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 27, 1961	54,500	19 27	Nov 8, 1960	1,400	3 10
1962	Apr 2, 1962	43,800	18 47	Sept 8, 1962	1,120	2 50
1963	Jan 22, 1963	25,300	16 99	June 15, 1963	810	a 1 70
1964	May 4, 1964	48,500	18 92	Oct 22, 23, 31, 1963	714	1 56
1965	Jan 25, 1965	39,400	18 15	Sept 29, 1965	1,160	2 86

a Occurred Sept 24, 25, 1963

1934-65 Maximum discharge, 77,200 cfs Apr 5, 1960 (gage height, 20 94 ft), minimum, 600 cfs Sept 15, Oct 20, 21, 1954 (gage height, 1 30 ft)

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 --Records fair Some regulation by powerplants above station Records of chemical analyses for the 1962 water year are published in reports of the Geological Survey

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,800	1,540	3,020	4,180	4,660	41,900	28,500	8,210	3,080	9,760	3,560	3,980
2	3,320	1,540	2,440	4,930	4,360	47,300	31,900	8,420	2,930	7,910	3,170	6,510
3	3,080	2,040	2,000	4,410	4,240	49,700	30,400	8,910	2,700	6,430	2,940	8,440
4	2,820	2,210	1,790	3,690	4,770	45,900	28,500	8,640	2,470	5,350	3,160	9,980
5	2,490	2,030	1,690	3,350	4,680	38,300	27,300	7,590	2,410	4,780	4,270	11,600
6	2,650	1,660	1,640	3,170	4,410	28,800	26,800	6,730	2,300	4,610	5,190	13,000
7	3,640	1,500	1,630	2,910	5,780	20,300	27,300	6,260	2,150	4,550	6,080	13,600
8	4,330	1,420	1,640	3,070	7,400	14,800	25,500	5,920	2,110	4,380	7,120	12,400
9	3,510	1,460	1,640	3,550	7,670	11,900	22,500	5,970	2,030	4,680	7,160	9,050
10	3,070	1,570	1,890	3,310	7,100	11,300	21,200	6,470	1,990	4,520	5,890	6,180
11	2,980	1,570	2,110	2,980	6,370	11,000	20,600	6,570	2,110	4,460	4,660	5,380
12	2,800	1,520	2,170	2,770	5,630	10,100	28,000	5,940	2,350	4,800	4,110	5,220
13	2,520	1,540	2,060	2,650	5,010	9,550	36,200	5,660	2,490	5,880	3,790	5,710
14	2,320	1,520	2,220	2,850	4,420	9,410	36,600	5,460	2,410	6,200	3,310	5,910
15	2,170	1,540	2,390	3,250	4,130	9,380	35,800	4,860	3,480	5,550	3,920	6,180
16	2,130	1,450	2,950	3,280	3,950	8,870	35,400	4,440	5,750	5,160	4,070	6,410
17	2,140	1,500	3,310	3,020	3,780	8,800	33,100	4,230	5,940	4,990	3,520	5,230
18	2,050	1,580	2,910	3,070	4,110	18,000	30,800	4,060	4,680	5,550	3,400	4,670
19	1,860	1,630	2,500	3,140	12,500	24,800	27,800	3,850	4,580	5,730	3,040	4,180
20	1,810	1,700	2,390	3,110	20,900	25,700	23,700	3,530	6,980	5,260	2,800	3,830
21	1,780	1,640	3,020	3,220	26,400	23,200	19,000	3,290	15,500	5,300	2,660	3,570
22	1,740	1,550	3,970	2,930	27,700	20,500	14,400	2,820	19,200	5,720	2,380	3,260
23	1,740	1,720	3,960	2,600	32,000	18,200	11,300	2,560	16,800	5,880	2,340	2,970
24	1,650	2,460	3,040	2,650	35,600	15,500	9,500	2,530	14,700	5,720	2,660	2,800
25	1,680	2,700	2,580	3,700	39,400	12,700	8,520	2,980	14,600	4,430	3,040	2,440
26	2,250	2,250	2,640	6,670	46,800	10,300	7,790	3,760	13,900	3,780	3,590	2,430
27	2,600	1,980	2,450	8,300	53,100	8,720	7,610	4,750	14,600	3,450	3,830	2,690
28	2,140	2,090	2,620	7,560	45,900	9,020	8,770	5,190	15,400	3,690	3,590	2,720
29	1,700	3,450	2,650	6,420	-----	11,000	9,950	4,060	14,900	4,650	3,410	2,420
30	1,600	3,560	2,620	5,660	-----	13,000	9,100	3,450	12,200	4,610	3,120	2,270
31	1,600	-----	2,980	5,010	-----	20,700	-----	3,430	-----	4,060	2,980	-----
TOTAL	75,970	55,920	76,920	121,410	432,770	608,650	683,840	160,540	216,740	161,840	118,740	174,930
MEAN	2,451	1,864	2,481	3,916	15,466	19,630	22,790	5,179	7,225	5,221	3,830	5,831
MAX	4,330	3,560	3,970	8,300	53,100	49,700	36,600	8,910	19,200	9,760	7,160	13,600
MIN	1,600	1,420	1,630	2,600	3,780	8,720	7,610	2,530	1,990	3,450	2,340	2,220
CFSM	.64	.49	.65	1.03	4.05	5.14	5.97	1.36	1.89	1.37	1.00	1.53
IN.	.74	.54	.75	1.18	4.22	5.93	6.66	1.56	2.11	1.58	1.16	1.70

CAL YR 1960: TOTAL 2,467,740 MEAN 7,289 MAX 76,000 MIN 1,420 CFSM 1.91 IN 25.99
 MAY YR 1961: TOTAL 2,888,270 MEAN 7,913 MAX 53,100 MIN 1,420 CFSM 2.07 IN 28.14

2-3755 Escambia River near Century, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,390	778	4,990	3,570	5,720	8,170	5,280	31,800	2,290	3,270	10,000	2,660
2	1,590	890	3,760	4,440	5,650	7,730	5,050	37,200	2,360	3,940	9,370	2,410
3	1,520	885	3,060	4,140	5,350	12,300	4,820	46,700	2,410	3,900	9,570	2,290
4	1,690	910	3,340	3,810	5,000	18,200	4,720	48,800	2,180	3,660	9,210	2,130
5	1,650	950	3,240	3,690	4,770	23,200	4,400	44,500	2,210	4,670	7,090	2,040
6	1,500	1,010	2,780	3,670	4,800	25,700	3,960	38,700	2,300	6,080	5,450	2,050
7	1,190	960	2,280	5,400	4,860	25,500	4,670	33,700	2,360	5,150	5,360	2,150
8	1,000	880	1,810	7,620	4,860	24,700	6,750	29,100	2,640	3,860	6,100	2,200
9	1,010	842	1,580	10,800	4,870	23,800	7,120	24,700	2,600	3,160	6,230	2,180
10	1,020	880	1,630	14,100	4,690	22,400	6,670	21,100	2,270	2,880	6,030	1,960
11	970	935	1,880	15,100	4,430	20,400	6,030	17,000	2,130	2,710	6,120	2,110
12	930	1,010	1,950	14,400	3,960	17,400	5,560	12,400	2,740	4,580	6,990	3,370
13	910	895	2,650	12,900	3,430	13,500	5,360	10,100	2,570	8,730	7,030	6,490
14	875	834	4,520	11,200	3,650	9,920	8,120	10,300	2,120	12,300	6,450	7,280
15	814	846	6,650	9,390	3,930	8,080	14,600	11,200	1,900	11,800	5,900	5,930
16	802	895	6,960	8,730	4,140	8,270	16,900	10,800	1,950	9,720	5,080	4,650
17	798	935	6,050	8,660	4,310	8,550	17,000	9,210	2,130	7,830	4,520	4,320
18	798	935	5,170	8,460	5,110	8,230	16,400	8,210	1,970	7,030	5,120	4,180
19	790	880	4,710	7,720	6,700	7,820	16,000	7,250	1,970	8,580	5,640	3,740
20	782	834	4,550	7,420	7,510	9,490	15,700	6,440	1,750	8,740	5,460	3,700
21	770	810	4,300	7,750	7,540	12,100	15,500	5,810	1,530	9,780	5,630	3,030
22	722	798	3,770	7,390	7,330	12,400	14,600	4,900	1,550	11,200	6,880	2,760
23	730	890	3,510	6,810	6,850	11,200	11,800	4,320	1,720	9,360	7,720	2,340
24	758	975	3,340	6,290	6,520	9,370	8,060	4,040	1,600	8,290	7,090	2,230
25	786	1,490	3,160	6,420	6,860	7,990	6,330	3,790	1,640	7,510	6,560	2,120
26	790	1,730	2,820	7,420	8,570	7,970	6,510	3,630	1,970	7,420	5,180	2,010
27	778	1,640	2,510	7,600	9,540	7,980	7,980	3,140	2,140	6,000	8,430	1,920
28	782	2,090	2,410	7,290	9,360	7,220	33,900	3,200	2,370	6,320	4,160	1,880
29	734	3,600	2,650	6,850	9,180	6,450	41,100	3,100	3,230	8,140	3,650	2,000
30	762	5,200	2,690	6,200	-----	6,020	36,600	2,850	3,600	9,970	3,930	1,820
31	726	-----	2,650	5,770	-----	5,660	-----	2,640	-----	10,500	3,390	-----

TOTAL	31,367	37,207	107,570	241,170	169,510	397,720	366,610	500,880	66,200	217,680	190,440	89,850
MEAN	1,012	1,240	3,470	7,780	5,485	12,830	12,220	16,160	2,207	7,022	6,143	2,995
MAX	2,390	5,200	6,960	15,100	9,540	25,700	41,100	48,800	3,600	12,300	10,000	7,280
MIN	722	778	1,580	3,570	3,430	5,660	3,960	2,640	1,530	2,710	3,030	1,820
CFSM	.27	.32	.91	2.04	1.53	3.36	3.20	4.23	.58	1.84	1.61	.78
IN.	.31	.36	1.05	2.35	1.65	3.88	3.57	4.88	.65	2.12	1.86	.88

CAL YR 1963: TOTAL 1,262,973 MEAN 3,458 MAX 24,700 MIN 722 CF5M 1.91 IN 16.30
WAT YR 1964: TOTAL 2,416,204 MEAN 6,602 MAX 48,800 MIN 722 CF5M 1.73 IN 23.94

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,320	2,210	6,500	17,900	23,800	11,900	14,700	3,270	1,990	1,710	4,190	2,030
2	3,420	2,350	5,740	17,400	18,400	13,700	12,900	3,160	1,780	1,680	3,800	2,130
3	4,040	2,280	5,330	16,600	14,600	16,600	11,500	2,740	1,710	1,710	3,250	1,970
4	6,180	2,200	5,300	14,000	12,300	18,300	10,100	2,600	1,620	1,790	2,900	2,180
5	5,610	2,150	5,900	10,500	10,700	18,300	9,080	2,890	1,620	1,970	2,410	2,890
6	11,000	2,010	5,740	7,990	10,500	17,400	8,430	2,660	1,690	2,790	2,230	2,500
7	9,490	2,140	5,040	7,010	17,500	16,200	7,950	2,440	1,750	2,970	2,190	2,020
8	7,570	2,100	4,760	6,310	22,800	14,900	7,220	2,410	1,790	2,890	2,380	1,810
9	6,200	2,040	4,170	5,880	26,100	13,600	6,800	2,380	1,720	3,090	3,160	1,640
10	5,660	2,150	3,980	5,730	24,900	12,500	6,500	2,140	1,820	3,540	5,520	1,950
11	5,310	2,020	3,880	5,830	23,000	11,600	6,180	1,960	2,100	4,180	5,720	1,610
12	5,110	2,010	4,760	5,470	22,200	10,800	5,980	2,120	2,690	4,470	5,360	1,810
13	4,990	2,460	5,610	5,080	22,200	9,970	5,760	2,030	3,470	3,620	4,670	1,600
14	4,380	3,180	5,190	4,850	21,700	10,100	5,360	1,950	3,650	3,150	4,070	1,560
15	4,470	3,350	4,910	4,670	20,900	10,900	4,870	1,850	3,190	2,860	3,650	1,430
16	5,690	3,080	4,670	4,670	19,500	10,800	4,400	1,820	2,980	2,900	2,990	1,320
17	6,120	2,710	4,340	4,660	19,400	10,600	4,210	1,750	2,570	3,180	2,750	1,260
18	5,620	2,720	4,170	4,270	24,000	10,600	3,940	1,690	2,620	2,790	3,120	1,340
19	4,780	2,600	4,110	4,100	28,300	12,100	3,920	1,610	2,640	2,260	3,160	1,360
20	4,290	2,920	4,240	4,000	29,100	14,500	4,600	1,630	2,390	2,000	4,210	1,360
21	4,170	3,390	4,050	3,950	26,900	16,200	6,380	1,670	2,020	1,930	4,140	1,290
22	3,900	3,640	4,000	3,980	25,700	17,100	5,910	1,590	1,840	1,960	4,170	1,280
23	3,640	3,170	4,100	6,150	25,600	17,500	4,940	1,500	1,700	1,900	3,720	1,320
24	3,250	3,330	3,980	21,300	25,300	16,900	4,630	1,560	1,640	1,800	3,440	1,320
25	3,180	6,030	5,180	36,900	23,900	15,800	4,340	1,520	1,760	1,710	2,920	1,320
26	2,690	8,820	9,680	34,400	21,300	14,300	3,970	1,450	1,890	1,600	2,390	1,290
27	2,480	8,920	13,500	28,400	17,700	14,400	4,160	1,510	1,890	1,920	2,260	1,240
28	2,760	7,910	16,000	26,100	14,200	16,500	3,950	1,580	1,970	2,410	2,140	1,200
29	2,440	7,790	17,400	26,900	-----	18,300	3,620	1,650	2,020	2,980	2,110	1,220
30	2,500	7,670	18,200	28,700	-----	18,300	3,340	2,410	1,900	3,930	2,120	2,760
31	2,270	-----	18,200	28,500	-----	18,300	-----	2,450	-----	4,020	2,270	-----

TOTAL	149,530	109,370	212,630	402,200	592,900	447,570	189,640	63,990	64,420	81,710	103,410	49,610
MEAN	4,824	3,464	6,859	12,970	21,160	14,440	6,321	2,064	2,147	2,636	3,336	1,654
MAX	11,000	8,920	18,200	36,900	29,100	18,300	14,700	3,270	3,650	4,470	5,720	2,890
MIN	2,270	2,010	3,880	3,950	10,500	9,970	3,340	1,450	1,620	1,600	2,110	1,200
CF5M	1.26	.96	1.80	3.40	5.54	3.78	1.66	.54	.69	.69	.87	.43
IN.	1.46	1.07	2.07	3.92	5.77	4.36	1.85	.62	.63	.80	1.01	.48

CAL YR 1964: TOTAL 2,711,590 MEAN 7,409 MAX 48,800 MIN 1,530 CF5M 1.94 IN 26.42
WAT YR 1965: TOTAL 2,466,580 MEAN 6,758 MAX 36,900 MIN 1,200 CF5M 1.77 IN 24.03

ESCAMBIA RIVER BASIN

2-3760 Pine Barren Creek near Barth, Fla

Location --Lat 30°47'55", long 87°22'05", in SW 1/4 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

Records available --October 1952 to September 1965

Gage --Digital water-stage recorder Datum of gage is 29.86 ft above mean sea level, datum of 1929
Prior to July 25, 1964, graphic water-stage recorder at same site and datum

Average discharge --13 years, 145 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 18, 19, 1961		1,590	11 63	Dec 16, 1961	0800	748	8 89	Apr 14, 1964	1200	1,000	10 41
Feb 23, 1961		879	9 73	Jan 6, 1962	1800	1,330	11 23	Apr 27, 1964	1430	* 7,980	15 08
Mar 18, 1961		3,670	13 38	Feb 16, 1962	1830	2,040	12 15	May 2, 1964	2100	2,280	12 40
Mar 31, 1961	1800	3,390	13 23	Feb 19, 1962	1330	* 5,750	14 34	June 6, 1964	2330	932	10 08
Mar 12, 1961	0000	4, 4, 4	15 58	Apr 1, 1962	1500	1,100	9 14	July 12, 1964	2130	1,240	11 07
Apr 16, 1961	1130	924	10 01	Apr 28, 1962	1300	786	9 14				
June 20, 1961	1400	1,860	11 96	July 8, 1962	1700	1,120	10 86	Dec 25, 1964	0700	746	8 87
July 14, 1961	2030	912	9 94	Jan 21, 1963	0600	* 1,100	10 78	Jan 24, 1965	1815	* 989	10 36
Aug 7, 1961	1800	1,200	11 01	Jan 24, 1963	2000	782	9 02	Feb 19, 1965	1715	* 1,820	11 31
Aug 10, 1961	1900	1,100	10 77					Mar 19, 1965	2355	1,060	10 84
								Sept 30, 1965	1815	1,060	10 84

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 26-30,	96	3 75	1963	Sept 24,25, 1963	72	3 29
	Nov 6-9, 1960			1964	Many days	71	3 30
1962	Sept 30, 1962	91	3 65	1965	July 21, 1965	80	3 43

1952-65 Maximum discharge, 24,800 cfs Apr 14, 1955 (gage height, 18.0 ft, from floodmark), from rating curve extended above 2,100 cfs on basis of slope area measurement of peak flow, minimum, 51 cfs June 8, 9, 1956, minimum gage height, 3.13 ft Sept 3, 4, 1956

Remarks --Records good except those prior to October 1961, which are fair, and those for period
Feb 1 to Mar 19, 1961, which are poor

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	112	113	118	181	117	184	1,130	172	128	442	134	172
2	107	102	109	128	113	247	480	188	127	269	131	283
3	105	98	105	113	127	202	300	179	125	176	149	271
4	103	97	105	106	122	177	240	166	124	214	179	190
5	103	96	104	104	112	161	211	160	122	183	158	157
6	176	96	103	103	152	152	246	157	120	162	220	145
7	211	96	102	102	261	147	302	157	119	161	834	139
8	155	96	101	159	202	166	225	155	118	159	675	165
9	144	98	101	143	133	155	212	234	125	184	355	178
10	119	113	100	115	121	141	247	223	146	199	475	197
11	112	108	114	108	113	136	263	166	141	192	392	315
12	108	102	112	105	109	133	2,680	159	128	203	200	220
13	105	100	102	121	105	132	1,060	154	131	174	182	189
14	105	100	101	171	104	132	511	150	156	299	203	210
15	105	98	145	129	103	128	418	152	261	353	359	187
16	105	98	169	113	102	126	730	152	312	225	236	147
17	102	98	121	106	103	209	446	145	182	206	182	136
18	101	99	110	103	104	2,620	276	140	148	225	204	131
19	102	100	105	120	105	1,190	100	122	139	174	159	129
20	103	98	106	109	723	471	209	137	957	156	146	128
21	102	97	171	104	349	283	202	136	968	362	141	126
22	101	97	193	101	295	212	199	135	909	348	143	126
23	100	113	101	123	199	134	249	194	158	144	124	166
24	98	124	109	120	634	177	189	252	231	218	150	122
25	98	109	107	265	442	168	186	398	317	154	159	119
26	97	103	105	376	299	164	183	240	322	138	171	127
27	97	101	110	314	243	204	204	288	285	137	153	137
28	97	132	106	229	188	418	210	153	252	269	144	124
29	96	251	103	-----	-----	504	180	140	172	174	139	124
30	96	158	118	132	-----	452	171	134	214	152	137	138
31	112	-----	139	121	-----	1,940	-----	129	-----	142	157	-----
TOTAL	3,476	3,291	3,547	4,437	7,589	11,724	12,326	5,329	7,363	6,790	7,213	4,958
MAX	112	110	114	143	271	378	411	172	245	219	233	315
NEX	211	251	171	376	2,620	2,680	2,680	398	968	442	834	165
MIN	96	96	100	101	102	126	171	129	118	138	131	119
CFSM	1.46	1.46	1.90	1.40	5.52	5.02	2.46	2.46	3.26	2.31	3.09	2.19
IN.	1.72	1.63	1.75	2.19	3.75	5.79	6.09	2.63	3.64	3.35	3.56	2.45
CAL YR 1960: TOTAL	56,644			MEAN 155			MAX 1,910	MIN 84	CFSM 2.06	IN 27.98		
CAL YR 1961: TOTAL	78,043			MEAN 214			MAX 2,680	MIN 96	CFSM 2.84	IN 38.54		

2-3760 Pine Barren Creek near Barth, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	130	115	121	219	139	281	4,020	200	116	116	140	94
2	124	115	122	176	138	384	728	166	162	111	116	100
3	136	123	121	357	137	314	411	155	158	108	105	106
4	132	146	119	146	151	264	284	149	128	105	104	101
5	125	129	118	242	165	218	241	146	120	105	130	100
6	122	124	118	858	155	194	368	143	129	119	148	173
7	141	120	117	727	142	186	315	139	136	225	111	150
8	200	116	115	357	138	182	233	137	119	834	101	197
9	144	114	116	223	140	179	208	134	120	470	98	127
10	129	114	313	245	216	178	199	133	116	164	96	113
11	123	115	462	197	168	186	197	132	134	130	93	125
12	121	117	487	174	143	189	237	134	199	122	93	141
13	120	116	526	164	138	169	236	130	309	118	94	128
14	121	346	433	163	136	164	194	130	190	113	97	155
15	116	295	470	181	150	245	178	132	344	116	99	136
16	115	214	678	174	980	213	172	126	150	172	108	118
17	115	196	435	158	605	172	167	124	121	156	108	129
18	114	142	288	153	243	163	166	147	116	116	98	115
19	114	131	243	157	2,680	162	166	134	117	110	95	106
20	112	125	196	163	1,030	159	163	124	117	106	100	101
21	111	121	168	155	448	163	159	121	125	102	120	97
22	112	120	161	151	501	157	156	120	138	101	141	94
23	112	256	156	151	379	180	156	107	116	116	98	115
24	111	190	149	150	309	168	154	117	242	99	113	96
25	112	140	147	152	491	157	163	116	243	101	119	97
26	112	129	145	148	314	154	172	115	148	106	110	101
27	110	127	166	177	225	150	159	113	121	104	103	97
28	111	126	197	191	212	147	344	113	117	110	99	94
29	113	124	158	155	-----	146	628	112	159	116	96	93
30	114	122	148	144	-----	146	424	113	137	125	97	92
31	115	-----	161	141	-----	2,360	-----	114	-----	115	96	-----
TOTAL	3,789	4,448	7,354	6,745	10,671	8,130	11,398	4,087	4,710	4,795	3,360	3,420
MEAN	122	148	237	218	381	262	380	132	157	155	108	114
MAX	200	346	678	858	2,680	2,360	4,020	200	344	834	148	197
MIN	110	114	115	141	136	146	154	112	116	99	93	92
CFSM	1.62	1.97	3.15	2.89	5.06	3.48	5.05	1.75	2.08	2.05	1.44	1.51
IN.	1.87	2.20	3.63	3.33	5.27	4.02	5.63	2.02	2.33	2.37	1.66	1.69

CAL YR 1961: TOTAL 83,320 MEAN 228 MAX 2,680 MIN 101 CFSM 3.03 IN 41.15
 MAY YR 1962: TOTAL 72,907 MEAN 200 MAX 4,020 MIN 92 CFSM 2.55 IN 36.61

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	234	92	103	124	133	127	100	99	85	92	175	98
2	287	91	101	117	130	129	99	90	79	96	181	89
3	177	93	99	113	155	121	100	89	78	93	105	86
4	125	93	98	109	141	118	100	89	76	83	93	83
5	109	93	101	109	128	123	98	87	76	79	88	81
6	103	92	102	124	124	255	110	92	76	79	85	80
7	99	92	99	124	121	221	192	101	76	83	84	79
8	102	97	118	113	119	143	137	93	76	82	86	78
9	101	128	124	107	118	126	115	88	76	101	105	77
10	98	111	106	105	119	124	109	86	76	101	111	76
11	95	99	103	177	201	120	105	84	75	84	112	76
12	94	105	102	470	216	119	102	84	76	78	135	76
13	94	103	100	398	152	119	101	84	84	78	98	76
14	95	97	101	168	133	118	97	85	76	91	140	89
15	93	94	103	134	125	116	96	88	76	83	162	89
16	93	94	105	125	121	114	96	85	81	79	149	84
17	93	96	104	122	119	115	95	82	93	77	105	82
18	93	101	101	148	126	113	95	88	152	80	93	81
19	92	103	100	102	340	111	94	105	233	128	89	79
20	91	101	101	604	245	110	94	101	183	88	104	76
21	134	246	101	940	155	105	93	142	160	78	169	75
22	172	487	105	498	133	103	93	106	165	99	154	77
23	118	203	118	234	126	103	90	121	124	90	110	74
24	102	123	168	167	192	103	91	95	117	296	98	72
25	97	113	203	151	204	105	89	89	147	363	92	72
26	94	109	138	149	149	116	89	87	112	198	88	74
27	93	105	118	152	130	115	89	84	100	138	86	97
28	93	105	112	142	124	106	90	86	99	136	87	138
29	93	104	307	134	-----	103	101	86	99	132	97	102
30	95	105	353	135	-----	101	106	89	93	112	139	88
31	95	-----	156	138	-----	100	-----	81	-----	109	103	-----
TOTAL	3,554	3,675	3,890	6,513	4,279	3,802	3,066	2,863	3,109	3,500	3,523	2,504
MEAN	115	123	125	210	143	123	92	92	104	113	114	83.5
MAX	287	487	353	940	340	255	192	142	233	363	181	138
MIN	91	91	98	105	118	100	89	81	75	77	84	72
CFSM	1.52	1.63	1.67	2.79	2.03	1.63	1.36	1.23	1.38	1.50	1.51	1.11
IN.	1.76	1.82	1.92	3.22	2.11	1.88	1.51	1.41	1.54	1.73	1.74	1.24

CAL YR 1962: TOTAL 68,435 MEAN 187 MAX 4,020 MIN 91 CFSM 2.49 IN 33.80
 MAY YR 1963: TOTAL 44,278 MEAN 121 MAX 4,940 MIN 72 CFSM 1.61 IN 21.87

2-3760 Pine Barren Creek near Bartn, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	81	77	100	206	142	127	103	200	113	165	167	104
2	79	91	93	133	118	227	101	961	112	188	160	103
3	77	82	104	112	110	328	103	963	109	195	138	102
4	77	79	96	106	106	375	104	384	107	211	127	116
5	75	79	89	110	112	260	103	212	107	207	124	122
6	74	80	87	161	122	207	104	178	325	142	124	112
7	73	80	86	237	112	140	119	167	508	117	163	115
8	74	78	91	256	126	126	121	159	172	112	135	107
9	72	78	91	404	113	119	119	154	131	107	135	103
10	72	79	85	288	106	115	105	151	132	111	147	101
11	72	78	85	207	103	110	100	148	136	145	144	103
12	72	77	91	162	100	107	99	145	119	640	132	124
13	72	74	194	140	101	105	112	233	114	735	136	112
14	72	75	322	122	107	108	725	176	109	795	138	104
15	72	77	246	115	114	124	648	148	109	381	124	102
16	72	77	144	117	140	117	350	140	109	289	120	102
17	72	78	115	187	115	107	158	134	111	200	133	103
18	72	78	105	161	224	104	134	130	104	177	165	104
19	71	78	99	133	180	132	126	126	102	217	133	111
20	71	77	96	157	128	235	120	124	118	217	173	113
21	71	77	102	132	114	207	114	123	104	359	193	104
22	71	78	99	122	111	130	115	122	103	358	174	100
23	72	131	109	156	107	115	151	120	107	224	269	98
24	74	115	104	136	106	112	123	123	132	177	302	97
25	74	90	97	159	145	130	119	148	150	198	164	95
26	75	85	95	155	147	200	306	130	183	162	131	94
27	74	97	93	130	163	148	5,230	120	183	214	121	96
28	74	126	91	131	174	122	1,710	115	139	213	115	99
29	73	217	89	117	134	113	491	113	148	306	111	97
30	71	130	87	111	106	106	265	113	213	294	108	99
31	72	-----	137	124	-----	103	-----	113	-----	183	109	-----
TOTAL	2,273	2,718	3,522	4,987	3,680	4,759	12,278	6,373	4,409	8,039	4,615	3,142
MEAN	73.3	90.6	114	161	127	154	409	206	147	259	149	105
MAX	81	217	322	404	224	375	5,230	963	508	795	102	124
MIN	71	74	85	106	100	103	99	113	102	107	106	94
CFSM	.97	1.20	1.51	2.14	1.69	2.04	5.44	2.73	1.95	3.44	1.98	1.39
IN.	1.12	1.34	1.74	2.46	1.82	2.35	6.06	3.15	2.18	3.97	2.28	1.55

CAL YR 1963: TOTAL 41,672 MEAN 114 MAX 940 MIN 71 CFSM 1.52 IN 50.58
 WAT YR 1964: TOTAL 60,795 MEAN 166 MAX 5,230 MIN 71 CFSM 2.21 IN 50.03

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	124	97	118	119	125	170	139	105	86	86	107	90
2	119	96	114	116	133	345	132	105	85	97	101	95
3	156	96	113	120	159	394	128	102	84	94	90	90
4	350	96	122	124	129	203	125	100	83	95	98	85
5	349	95	126	113	118	159	124	100	85	90	148	125
6	176	95	112	111	490	148	121	100	94	85	300	99
7	129	95	107	110	1,130	143	120	95	104	88	228	88
8	116	98	105	108	748	139	118	95	103	143	261	82
9	111	97	105	108	347	137	117	95	101	205	211	83
10	107	96	104	122	195	136	116	95	101	221	187	91
11	105	96	116	121	165	136	115	95	147	253	138	109
12	104	97	194	111	174	137	114	95	183	225	126	100
13	104	156	146	109	245	137	113	93	172	136	122	92
14	108	154	121	108	236	137	110	91	171	111	115	87
15	123	121	110	107	187	133	109	90	160	101	110	83
16	122	108	107	107	178	131	109	90	125	96	110	82
17	109	105	107	104	318	131	106	90	159	101	105	90
18	103	104	120	104	593	143	106	90	132	91	105	85
19	101	103	124	104	600	138	112	90	118	88	102	85
20	99	142	113	105	262	148	146	89	100	83	180	82
21	98	128	113	106	175	137	132	89	94	82	260	84
22	98	109	114	105	157	131	116	88	90	100	250	81
23	98	111	112	209	149	131	118	90	89	88	140	110
24	97	170	112	648	153	134	140	112	89	84	120	177
25	97	268	478	460	177	132	160	99	99	84	100	140
26	97	180	347	235	152	140	130	92	96	94	90	100
27	97	133	335	187	144	218	120	89	101	132	88	88
28	98	152	174	141	141	215	115	90	109	120	90	90
29	97	137	137	129	-----	214	110	99	100	102	95	95
30	97	138	129	128	-----	153	110	93	91	132	90	508
31	97	-----	124	135	-----	143	-----	87	-----	107	88	-----
TOTAL	3,886	3,714	4,559	4,714	7,780	5,111	3,631	2,933	3,351	3,614	4,955	3,296
MEAN	125	124	147	152	278	165	121	94	112	117	140	110
MAX	350	268	478	648	1,130	394	160	112	183	253	300	508
MIN	97	95	104	104	118	131	106	87	83	82	88	81
CFSM	1.66	1.64	1.95	2.02	3.69	2.19	1.61	1.26	1.48	1.55	1.87	1.46
IN.	1.92	1.83	2.25	2.33	3.84	2.52	1.79	1.45	1.66	1.78	2.15	1.63

CAL YR 1964: TOTAL 64,441 MEAN 176 MAX 5,230 MIN 94 CFSM 2.34 IN 31.83
 WAT YR 1965: TOTAL 50,944 MEAN 140 MAX 1,130 MIN 81 CFSM 1.85 IN 25.16

2-3763 Brushy Creek near Walnut Hill, Fla

Location --Lat 30°53'21", long 87°32'24", in SE¼ sec 4, T 4 N, R 33 W, near right bank on downstream side of county road bridge, 1,000 ft downstream from Rocky Creek, 2 miles west of Walnut Hill, Escambia County, and 8 miles upstream from mouth

Drainage area --49 sq mi, approximately

Records available --January 1958 to September 1965

Gage --Digital water-stage recorder Datum of gage is 118 32 ft above mean sea level, datum of 1929 Prior to July 23, 1964, graphic water-stage recorder at same site and datum

Average discharge --7 years, 106 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (800 cfs), January 1958 to September 1965											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
June 20, 1958	1530	a 4,580	12 85	Mar 31, 1961	1030	* 2,030	10 62	May 2, 1964	0600	856	8 57
				Apr 12, 1961	1830	1,750	10 22	July 27, 1964	1700	848	8 55
May 21, 1959	0500	* a 2,180	10 83	Apr 16, 1961	0500	850	10 39	Jan 23, 1965	2145	* 3,040	11 79
June 11, 1959	1200	830	8 51	June 20, 1961	2300	1,870	10 39	Feb 7, 1965	0800	1,240	9 38
Sept 14, 1959	0330	933	8 74	Feb 19, 1962	1200	1,960	10 52	Feb 18, 1965	0730	1,450	9 75
Apr 3, 1960	0930	* a 1,890	10 41	Mar 31, 1962	1800	* 9,680	14 96				
May 7, 1960	2330	1,060	9 01								
Sept 17, 1960	0230	884	8 63	Jan 21, 1963	-	* 906	8 68				
Mar 18, 1961	2300	1,000	8 89	Apr 27, 1964	1600	* 2,620	11 37				

a Revised, supersedes figure published in WSP 1724

Annual minimum discharge, January 1958 to September 1965

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1958	Sept 3, 1958	46	a 2 98	1962	Sept 30, 1962	48	2 89
1959	(a)	50	b 2 95	1963	June 13-15, 1963	41	e 2 61
1960	Oct 4-5, 1959	52	c 3 00	1964	Oct 30, 1963	45	2 54
1961	Oct 26-30, 1960	54	d 3 01	1965	June 4-5, 1965	52	2 78

a Oct 12-16, 26-28, 1958, May 17, 18, 1959

b Occurred Oct 12-16, 26-28, 1958

c Occurred Sept 7, 8, 1960

d Occurred Oct 26-30, 1960

e Occurred Sept 24-26, 1963

1958-65 Maximum discharge, 9,680 cfs Mar 31, 1962 (gage height, 14 96 ft), minimum, 41 cfs June 13, 14, 15, 1963, minimum gage height, 2 54 ft Oct 30, 1963

Remarks --Records good except those prior to October 1962, which are fair, and those for periods of no gage-height record or shifting control, which are poor

Revisions --Daily figures of discharge for period January 1958 to September 1960, not previously published are given herein, monthly figures supersede those published in WSP 1724

DISCHARGE, IN CUBIC FEET PER SECOND, JANUARY TO SEPTEMBER 1958

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1						90	95	61	51	65	69	48
2						82	84	58	52	62	72	47
3						77	80	56	52	62	89	48
4						75	78	55	93	59	84	71
5						76	76	62	65	59	67	54
6						146	76	62	54	58	59	51
7						198	71	58	67	67	56	54
8					91	149	68	55	57	90	85	59
9						170	99	54	61	178	65	52
10						132	231	54	57	113	74	49
11						107	137	65	55	113	63	48
12						152	97	67	52	103	56	60
13						334	82	59	50	106	56	88
14						174	79	54	56	93	60	60
15						121	188	52	70	114	70	101
16				88		117	102	146	52	87	88	133
17						99	103	99	52	88	70	75
18						91	247	82	52	254	67	83
19						88	182	72	56	864	67	93
20						86	127	68	64	1,790	68	71
21						83	107	66	88	1,120	106	81
22						82	97	72	67	465	95	153
23						82	90	65	99	318	110	50
24						82	94	63	61	386	92	80
25						82	108	62	56	190	88	70
26						87	98	64	52	126	139	63
27						139	91	61	51	136	107	58
28						113	87	58	50	105	79	61
29						82	61	50	82	126	51	56
30						116	65	50	71	81	50	55
31						117	---	49	---	67	49	---
TOTAL				2,728	2,596	3,331	2,645	1,781	6,976	2,792	1,940	2,140
MEAN				88	92.7	127	88.2	57.5	233	90.1	62.6	71.3
MAX				---	---	334	231	88	1,790	178	89	153
MIN				---	---	75	58	49	50	58	49	47
CFSM				1 80	1.89	2.59	1.80	1.17	4.75	1.84	1.28	1.46
IN.				2 07	1.97	2.98	2.01	1.35	5.29	2.12	1.47	1.62

Note --No gage-height record Jan 1 to Feb 15

2-3763 Brushy Creek near Walnut Hill, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1958 TO SEPTEMBER 1959

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	62	70	59	70	91	75	95	78	274	76	95	82
2	68	64	59	70	103	67	135	66	496	72	96	72
3	62	58	61	70	401	65	106	61	286	84	82	67
4	61	63	59	66	516	65	80	59	131	119	73	66
5	61	94	58	62	529	159	70	56	105	80	70	64
6	58	79	56	60	310	380	65	54	141	98	69	62
7	56	68	56	59	134	317	64	54	111	99	80	62
8	56	62	55	60	99	130	62	52	119	89	85	62
9	54	60	56	61	88	92	61	52	142	74	88	62
10	53	59	60	59	90	78	179	51	323	71	77	84
11	52	56	81	57	90	74	503	53	526	258	71	81
12	50	56	72	57	74	82	482	62	324	178	68	198
13	50	56	64	57	71	74	337	67	205	133	74	423
14	50	56	65	56	74	72	167	60	217	111	80	500
15	50	59	62	63	197	165	107	54	210	146	79	203
16	51	58	60	140	158	126	88	52	144	118	96	104
17	51	58	60	91	99	85	81	51	124	98	88	83
18	54	57	59	73	80	72	77	50	95	108	153	71
19	56	56	59	66	71	68	75	166	83	101	117	65
20	54	56	57	65	66	67	78	407	76	102	102	60
21	53	55	56	84	63	106	116	1,290	72	87	83	56
22	52	54	56	110	61	217	158	415	71	85	84	54
23	52	53	56	83	59	134	106	217	70	94	77	54
24	52	53	70	70	62	85	81	154	69	99	72	57
25	51	54	70	66	111	73	71	174	67	87	70	54
26	51	70	62	62	138	70	67	107	66	79	70	59
27	51	71	73	61	101	141	64	88	64	77	68	102
28	51	64	77	60	88	260	84	63	84	63	73	103
29	51	66	67	59	-----	156	69	105	64	73	63	71
30	53	62	62	96	-----	133	104	225	86	82	80	61
31	56	-----	62	136	-----	102	-----	288	-----	113	108	-----
TOTAL	1,682	1,847	1,929	2,249	4,026	3,790	3,811	4,752	4,824	3,164	2,583	3,137
MEAN	54.3	61.6	62.2	72.5	144	127	153	153	153	102	83.3	105
MAX	68	94	81	140	529	380	503	1,290	526	258	153	500
MIN	50	53	55	56	59	65	61	50	63	71	63	52
CFSM	1.11	1.26	1.27	1.48	2.93	2.50	2.59	3.13	3.28	2.08	1.70	2.13
IN.	1.28	1.40	1.46	1.71	3.06	2.88	2.89	3.61	3.66	2.40	1.96	2.38

CAL YR 1958 TOTAL MEAN MAX MIN CFSM IN
 MAY YR 1959: TOTAL 37,794 MEAN 104 MAX 1,290 MIN 50 CFSM 2.11 IN 28.68

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1959 TO SEPTEMBER 1960

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	57	93	66	79	106	95	128	74	64	74	69	62
2	54	83	65	81	88	99	472	72	76	59	68	62
3	54	74	64	132	81	343	1,220	73	161	56	77	63
4	52	68	63	103	223	388	1,080	72	128	56	74	58
5	52	74	62	78	223	133	425	93	84	69	75	56
6	80	82	63	78	129	100	209	133	70	240	95	55
7	146	70	63	95	95	88	145	460	65	95	72	54
8	126	67	61	84	83	83	122	753	61	80	72	54
9	88	65	60	72	77	79	109	241	60	195	72	78
10	102	64	59	67	80	82	102	160	58	133	80	120
11	150	62	62	65	74	80	96	122	56	152	79	77
12	102	62	216	63	70	75	93	137	56	99	80	65
13	95	62	154	62	106	71	92	114	55	74	72	59
14	163	61	88	61	103	68	89	93	56	81	75	57
15	241	62	74	88	82	110	88	84	56	245	86	93
16	140	62	69	80	74	119	86	78	55	158	75	445
17	145	63	81	82	71	88	93	74	61	86	78	526
18	112	62	127	258	81	75	158	72	64	90	69	194
19	88	60	86	263	78	70	176	69	58	78	64	100
20	78	59	72	115	70	67	103	66	60	70	63	80
21	77	60	67	88	84	66	92	65	71	65	81	71
22	80	60	64	78	231	65	93	64	63	63	123	66
23	77	60	63	73	236	65	83	78	57	75	118	62
24	71	62	62	70	130	64	82	70	55	68	84	60
25	65	62	62	68	105	66	80	65	60	64	72	62
26	62	59	65	66	90	74	82	98	66	61	66	72
27	60	97	66	69	81	76	80	297	66	60	65	74
28	98	88	88	72	75	84	77	244	68	68	66	74
29	182	81	83	200	77	254	75	93	68	63	63	67
30	179	69	68	244	-----	217	74	74	80	61	59	63
31	112	-----	63	143	-----	170	-----	68	-----	75	57	-----
TOTAL	3,188	2,093	2,406	3,177	3,103	3,516	5,910	4,258	2,094	2,913	2,349	3,029
MEAN	103	69.8	77.6	102	107	113	197	137	69.8	94.0	75.8	101
MAX	241	128	216	263	236	388	1,220	753	161	245	123	526
MIN	52	59	59	61	70	65	74	64	55	56	57	54
CFSM	2.10	1.42	1.58	2.09	2.18	2.31	4.02	2.80	1.42	1.92	1.55	2.06
IN.	2.42	1.59	1.83	2.41	2.36	2.67	4.49	3.23	1.59	2.21	1.78	2.30

CAL YR 1959: TOTAL 40,023 MEAN 110 MAX 1,290 MIN 50 CFSM 2.24 IN 30.38
 MAY YR 1960: TOTAL 38,036 MEAN 104 MAX 1,220 MIN 52 CFSM 2.12 IN 28.87

2-3763 Brushy Creek near Walnut Hill, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	60	86	64	133	76	108	572	93	65	163	253
2	59	68	61	85	74	121	290	140	65	97	375
3	57	62	60	72	110	99	164	102	64	104	229
4	57	59	60	66	102	89	134	88	63	121	162
5	67	58	60	64	83	87	120	83	62	90	122
6	98	58	59	63	95	87	140	81	62	90	110
7	140	56	59	62	158	86	178	80	61	102	126
8	86	56	59	100	149	98	125	79	61	93	143
9	70	59	59	94	106	94	142	124	62	95	106
10	64	71	58	73	86	80	317	110	67	89	211
11	61	73	70	67	77	77	213	87	65	94	240
12	59	62	71	64	73	77	679	83	62	160	173
13	58	60	62	74	70	76	578	80	68	116	143
14	57	59	60	107	68	75	256	77	85	125	122
15	58	58	89	81	66	73	282	77	173	171	108
16	57	58	107	71	65	72	490	77	179	91	93
17	56	58	74	65	65	124	213	74	95	83	86
18	56	58	66	62	101	536	134	71	78	170	81
19	56	58	63	63	398	547	116	70	115	95	80
20	58	57	67	69	253	230	108	69	559	161	79
21	58	56	117	65	150	136	104	68	705	348	77
22	56	56	82	62	239	109	102	66	315	210	75
23	56	90	70	62	477	94	99	67	138	148	73
24	55	95	66	78	422	86	97	136	184	123	72
25	54	69	65	200	274	81	96	192	203	105	70
26	54	64	65	330	280	78	96	151	156	85	82
27	54	62	67	268	140	120	123	111	243	81	103
28	54	67	65	133	110	292	122	83	203	100	82
29	54	86	63	102	102	333	66	74	110	88	74
30	68	71	84	89	-----	430	89	71	102	78	72
31	158	-----	103	80	-----	1,550	-----	68	-----	75	202
TOTAL	2,055	1,950	2,175	3,004	4,367	6,145	6,275	2,832	4,470	3,751	5,264
MEAN	66.3	65.0	70.2	96.9	156	198	209	91.4	149	121	170
MAX	158	95	117	330	477	1,550	679	192	705	348	375
MIN	54	56	58	62	65	72	89	66	61	75	68
CFSM	1.35	1.33	1.43	1.98	3.18	4.05	4.27	1.86	3.04	2.47	3.47
IN.	1.56	1.48	1.65	2.28	3.31	4.66	4.76	2.15	3.39	2.85	4.00

CAL YR 1960: TOTAL 36,529 MEAN 99.8 MAX 1,220 MIN 54 CFSM 2.04 IN 27.72

WAT YR 1961: TOTAL 46,110 MEAN 126 MAX 1,550 MIN 54 CFSM 2.50 IN 35.00

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	72	63	67	189	82	237	1,500	139	100	102	52
2	72	63	66	125	86	254	471	116	83	80	48
3	88	70	66	99	80	219	277	103	79	65	60
4	82	98	66	91	100	156	193	95	79	61	53
5	73	78	65	166	113	137	167	89	73	60	52
6	70	70	65	487	100	121	176	86	68	80	58
7	60	65	65	422	86	113	197	86	66	159	76
8	108	64	63	206	83	110	161	81	68	427	90
9	86	63	66	148	94	107	138	80	68	183	93
10	74	63	231	148	133	106	131	78	66	83	74
11	69	64	441	123	95	113	128	79	100	68	147
12	66	65	320	106	84	112	176	89	115	62	97
13	66	66	507	100	80	100	317	83	106	59	185
14	66	252	336	100	79	96	155	79	87	58	103
15	63	177	396	117	90	136	125	77	76	61	83
16	62	153	415	116	357	116	115	74	68	92	77
17	62	133	343	98	135	98	110	75	64	71	70
18	61	88	330	93	228	94	108	85	61	62	65
19	60	79	318	100	1,530	92	107	77	60	59	59
20	59	73	165	110	636	92	103	79	63	57	54
21	60	70	128	97	301	95	99	76	68	56	52
22	61	70	113	92	307	91	97	70	72	56	51
23	61	159	104	91	274	115	97	68	86	56	50
24	60	124	98	93	329	102	95	67	103	56	51
25	61	83	94	100	204	95	100	66	127	59	51
26	60	74	91	93	149	126	104	64	86	56	52
27	59	71	103	125	131	97	98	64	68	57	51
28	59	70	121	130	133	87	202	63	68	60	50
29	60	69	98	98	-----	86	374	62	92	70	49
30	61	67	88	88	-----	100	190	61	79	87	49
31	63	-----	100	84	-----	2,250	-----	63	-----	70	57
TOTAL	2,104	2,707	5,529	4,235	6,097	5,853	6,311	2,471	2,419	2,632	1,964
MEAN	67.9	90.2	178	137	218	189	210	79.7	80.6	84.9	63.4
MAX	108	252	507	487	1,530	2,250	1,500	139	127	427	112
MIN	59	63	63	84	79	86	95	61	60	56	50
CFSM	1.39	1.84	3.64	2.79	4.44	3.85	4.29	1.63	1.65	1.73	1.29
IN.	1.60	2.05	4.20	3.21	4.63	4.44	4.79	1.88	1.84	2.00	1.49

CAL YR 1961: TOTAL 50,270 MEAN 138 MAX 1,550 MIN 59 CFSM 2.81 IN 38.15

WAT YR 1962: TOTAL 44,420 MEAN 122 MAX 2,250 MIN 49 CFSM 2.48 IN 33.71

COASTAL BASINS BETWEEN ESCAMBIA RIVER AND MOBILE RIVER

2-3763 Brushy Creek near Walnut Hill, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	75	59	64	70	76	75	64	56	45	67	211	63
2	113	58	62	68	74	75	63	54	44	86	83	55
3	80	58	62	68	88	72	63	53	44	64	64	52
4	67	59	62	67	80	70	63	52	44	57	58	51
5	62	59	62	70	73	74	62	51	43	54	55	50
6	60	58	63	89	70	199	77	51	44	52	53	49
7	59	58	62	69	69	148	195	60	45	52	52	49
8	59	61	73	67	68	92	101	58	46	61	55	48
9	60	81	75	66	68	78	75	51	44	85	58	48
10	59	70	66	65	68	76	68	50	42	88	69	48
11	58	63	64	243	78	73	64	50	42	63	67	48
12	58	64	65	308	125	72	61	49	43	55	74	48
13	57	64	63	123	89	73	61	49	43	55	64	61
14	57	61	63	84	76	71	59	52	42	58	68	127
15	57	60	64	74	71	81	57	51	49	62	158	71
16	57	60	64	71	68	74	57	48	70	56	95	59
17	57	61	64	68	68	72	56	45	52	56	64	55
18	56	63	63	80	71	69	56	48	113	55	54	54
19	56	64	62	115	224	68	55	49	160	55	54	52
20	56	65	62	444	160	68	55	53	116	52	67	50
21	66	312	62	744	97	66	55	62	107	55	160	49
22	91	184	69	285	81	65	54	53	142	49	92	49
23	68	86	69	170	74	65	54	52	105	93	66	48
24	61	72	73	136	125	64	54	49	73	287	61	47
25	59	67	92	114	141	65	53	49	80	414	57	47
26	58	65	76	99	95	68	53	47	84	152	53	48
27	58	64	80	78	70	67	54	49	69	92	62	51
28	58	64	67	81	75	67	54	45	62	73	51	66
29	58	64	208	76	-----	65	56	49	98	67	53	61
30	58	64	158	85	-----	64	60	48	96	67	52	54
31	61	-----	81	78	-----	64	-----	46	-----	81	71	-----
TOTAL	1,959	2,288	2,308	4,266	2,532	2,403	1,958	1,576	2,087	2,700	2,292	1,669
MEAN	63.2	76.3	74.5	138	90.4	77.5	65.3	50.8	69.6	87.1	73.9	55.6
MAX	113	312	208	744	224	199	195	62	160	414	211	127
MIN	56	58	62	65	68	64	53	45	42	52	51	47
CFSM	1.29	1.56	1.52	2.61	1.85	1.58	1.33	1.04	1.42	1.78	1.51	1.14
IN.	1.49	1.74	1.75	3.24	1.92	1.82	1.49	1.20	1.58	2.05	1.74	1.27

CAL YR 1962: TOTAL 40,635 MEAN 111 MAX 2,250 MIN 49 CFSM 2.27 IN 30.84
 MAY 1963: TOTAL 28,038 MEAN 76.8 MAX 744 MIN 42 CFSM 1.57 IN 21.28

Note --No gage-height record Jan 20 to Jan 26 Shifting-control method used Apr 9 to June 18

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	52	49	62	123	82	77	68	123	62	82	117	66
2	51	54	58	87	73	134	66	534	61	78	106	64
3	50	51	73	74	68	466	66	409	60	72	88	64
4	49	49	64	68	67	476	68	182	59	166	80	119
5	48	49	59	70	70	331	68	114	125	110	81	110
6	48	50	57	108	75	239	70	97	564	76	85	84
7	47	50	56	188	70	123	80	89	127	66	107	80
8	47	49	59	149	73	96	77	84	80	62	85	72
9	47	49	59	305	69	85	76	82	70	62	86	68
10	46	50	56	379	65	79	70	80	68	66	94	66
11	47	50	56	114	64	74	66	76	65	178	87	66
12	47	49	60	112	62	71	65	82	62	560	78	75
13	47	49	141	97	62	69	82	141	64	480	80	69
14	47	49	231	82	67	69	353	92	61	345	87	65
15	47	49	193	75	70	80	410	78	60	260	76	64
16	46	50	99	78	71	81	197	72	60	164	73	64
17	46	50	76	153	66	72	103	70	61	106	73	65
18	46	50	68	123	133	68	85	68	59	177	83	67
19	46	50	64	94	109	88	78	66	58	159	138	106
20	46	50	62	92	80	275	73	64	64	136	435	78
21	46	50	65	81	72	219	70	64	60	269	147	68
22	46	51	64	77	69	104	70	64	59	286	151	64
23	46	63	69	89	67	83	73	63	68	161	265	62
24	47	67	82	87	65	77	72	72	103	184	185	61
25	48	53	62	147	101	84	70	83	73	240	98	59
26	48	56	60	125	109	133	158	70	69	126	83	59
27	48	60	59	95	94	97	1,760	64	66	266	79	60
28	47	73	58	81	121	80	897	61	95	277	72	60
29	46	129	57	80	92	74	313	60	165	189	72	61
30	46	78	56	74	-----	70	153	61	121	132	70	61
31	46	-----	80	74	-----	68	-----	61	-----	121	68	-----
TOTAL	1,464	1,668	2,350	3,586	2,286	4,142	5,855	3,326	2,769	5,656	3,431	2,127
MEAN	47.2	55.6	75.8	116	78.8	134	195	107	92.3	182	111	70.2
MAX	52	129	231	379	133	476	1,760	534	564	560	435	119
MIN	46	49	56	68	62	68	65	60	58	62	68	59
CFSM	.96	1.13	1.55	2.36	1.61	2.73	3.98	2.19	1.88	3.72	2.26	1.45
IN.	1.11	1.27	1.78	2.72	1.74	3.14	4.44	2.52	2.10	4.29	2.60	1.61

CAL YR 1963: TOTAL 26,965 MEAN 73.9 MAX 744 MIN 42 CFSM 1.51 IN 20.47
 MAY 1964: TOTAL 38,660 MEAN 106 MAX 1,760 MIN 46 CFSM 2.16 IN 29.34

2-3763 Brushy Creek near Walnut Hill, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	63	59	78	72	85	140	101	65	54	58	78	57
2	74	59	73	70	121	416	91	64	54	58	65	63
3	92	59	72	85	96	350	86	63	54	60	61	61
4	171	59	90	84	84	156	82	62	53	75	60	67
5	193	59	111	73	79	118	80	61	53	63	93	76
6	104	58	86	70	282	104	78	60	67	58	82	64
7	79	59	75	68	967	97	76	60	79	58	100	59
8	72	60	71	67	495	93	75	60	68	207	112	57
9	68	59	69	67	210	91	74	59	61	293	97	57
10	65	59	68	72	139	89	73	58	63	289	119	59
11	64	59	78	74	114	85	73	58	90	313	92	68
12	63	59	123	69	125	85	72	58	180	183	86	63
13	63	135	91	67	178	85	71	57	210	109	80	59
14	67	130	77	67	168	92	69	56	126	88	70	59
15	81	77	71	66	127	90	68	56	82	75	64	57
16	83	69	69	67	112	85	68	56	115	78	61	57
17	69	66	68	65	297	80	66	56	89	82	62	57
18	65	65	82	65	1,110	90	66	56	110	69	100	58
19	63	65	86	65	468	100	69	55	116	63	136	60
20	62	108	74	65	203	120	127	55	71	60	118	61
21	61	83	73	65	140	88	95	55	63	72	186	58
22	61	70	73	64	117	85	75	55	60	76	179	58
23	60	69	72	1,010	106	85	108	55	58	65	89	64
24	59	98	70	1,380	107	80	84	56	60	61	71	91
25	59	196	217	450	125	80	81	57	65	60	65	79
26	59	116	194	232	103	80	82	56	64	73	62	64
27	60	95	132	152	96	150	74	55	100	149	60	60
28	60	118	94	112	93	300	70	57	76	83	59	60
29	60	139	80	98	-----	200	67	61	64	77	61	64
30	60	92	77	95	-----	130	65	57	60	102	59	301
31	60	-----	75	92	-----	109	-----	54	-----	93	58	-----
TOTAL	2,320	2,489	2,769	5,148	6,337	3,953	2,366	1,793	2,465	3,250	2,685	2,118
MEAN	74.8	83.0	89.3	166	226	128	78.9	57.8	82.2	105	86.6	70.6
MAX	193	196	217	1,380	1,110	416	127	65	210	313	186	301
MIN	59	58	68	64	79	80	65	54	53	58	58	57
CFSM	1.53	1.69	1.82	3.39	4.62	2.60	1.61	1.18	1.68	2.14	1.77	1.44
IN.	1.76	1.89	2.10	3.91	4.81	3.00	1.80	1.36	1.87	2.47	2.04	1.61
CAL YR 1964: TOTAL	40,756			MEAN 111	MAX 1,760	MIN 58	CFSM 2.27	IN 30.93				
WAT YR 1965: TOTAL	37,693			MEAN 103	MAX 1,380	MIN 53	CFSM 2.11	IN 28.61				

2-3765 Perdido River at Barrineau Park, Fla

Location --Lat 30°41'25", long 87°26'25" in NW 1/4 sec 23, T 4 S R 6 E, 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

Records available --June 1941 to September 1965

Gage --Digital water-stage recorder Datum of gage is 25 77 ft above mean sea level, datum of 1929 Prior to Aug 22, 1949, staff gage and Aug 22, 1949, to July 27, 1964, graphic water-stage recorder, at same site and datum

Average discharge --24 years, 761 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (4,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	1600	5,120	12 22	Dec 16, 1961	1500	4,180	10 93	Apr 15, 1964	1100	4,220	11 00
Mar 18, 1961	1700	6,190	13 33	Feb 21, 1962	0100	6,520	13 61	Apr 28, 1964	0300	* 10,600	16 30
Apr 1, 1961	2330	7,080	14 05	Apr 2, 1962	0700	* 13,100	17 60	Jan 25, 1965	2130	* 8,210	14 86
Apr 12, 1961	1500	* 9,610	15 72					Feb 20, 1965	0930	4,080	10 73
June 22, 1961	1550	7,250	14 18	Jan 25, 1963	0400	* 3,720	10 16				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 29, 1960	307	1 94	1964	Oct 25, 30, 31, 1963	247	1 56
1962	Aug 13, 1962	292	1 99	1965	June 5, 1965	253	1 76
1963	June 6, 7, 1963	244	1 58				

1941-65 Maximum discharge, 39,000 cfs Apr 15, 1955 (gage height, 23 94 ft), from rating curve extended above 8,500 cfs, minimum, 207 cfs Sept 15, 1954 (gage height, 1 29 ft)
Maximum stage known, 25 7 ft Mar 15, 1929, from information by local resident

Remarks --Records fair except those for period of no gage-height record, which are poor Records of chemical analyses for the water year 1962 are published in reports of the Geological Survey

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	406	762	442	765	605	1,370	5,360	744	472	1,000	598	718
2	380	498	390	697	540	1,270	5,950	786	427	972	534	1,360
3	365	412	370	598	528	1,020	3,500	890	398	858	639	7,280
4	355	370	357	531	608	897	1,690	883	382	1,540	804	1,140
5	350	348	353	472	595	818	1,250	769	368	1,270	643	865
6	453	336	348	425	762	758	1,130	668	360	993	876	762
7	751	325	343	398	1,330	700	1,440	600	352	818	2,320	664
8	686	320	341	513	1,180	697	1,220	561	342	908	3,140	686
9	622	325	338	679	1,010	718	1,090	822	342	1,020	2,780	769
10	481	362	336	598	908	646	1,180	958	423	1,070	2,380	783
11	415	375	375	531	758	601	1,330	879	632	979	2,480	1,310
12	385	360	412	484	608	572	7,300	876	494	1,140	1,600	1,320
13	365	348	401	469	525	556	5,900	776	404	1,120	1,060	1,120
14	355	338	375	622	478	531	5,380	639	444	1,140	999	1,110
15	348	332	487	622	450	504	3,950	565	650	1,270	1,200	1,430
16	348	327	726	565	431	487	2,820	536	1,390	1,040	1,420	904
17	341	325	618	516	417	618	2,540	504	1,210	740	1,260	704
18	332	327	937	475	743	4,580	2,160	472	911	954	1,040	598
19	329	329	484	436	4,460	4,170	1,490	447	769	869	900	543
20	332	325	453	431	4,130	3,160	1,150	430	3,400	786	736	513
21	332	320	591	420	2,040	2,660	996	420	5,760	1,010	618	492
22	327	318	601	401	1,730	1,550	911	407	6,760	1,400	585	475
23	322	353	510	388	2,700	1,040	851	401	4,880	1,390	550	461
24	318	453	455	412	3,000	836	808	504	2,700	1,300	591	450
25	316	455	428	854	2,840	722	772	1,010	2,150	1,040	609	439
26	314	406	412	1,710	2,310	654	744	1,090	1,700	922	636	431
27	310	377	409	1,810	1,790	729	772	1,060	1,580	904	582	495
28	310	398	409	1,800	1,640	1,620	894	914	1,370	1,080	540	501
29	310	682	398	1,450	-----	2,140	840	797	1,140	972	540	510
30	312	591	417	990	-----	2,170	780	668	972	794	528	537
31	744	-----	516	733	-----	2,480	-----	557	-----	704	682	-----
TOTAL	12,314	11,797	13,632	21,795	39,116	41,274	66,198	21,633	43,182	32,003	33,866	24,370
MEAN	397	393	440	703	1,397	1,331	2,207	698	1,439	1,032	1,092	812
MAX	751	762	726	1,810	4,460	4,580	7,300	1,090	6,760	1,540	3,140	2,280
MIN	310	318	336	388	417	487	744	401	342	704	578	431
CFSM	1.01	1.00	1.12	1.78	3.35	3.38	5.60	1.77	3.65	2.62	2.77	2.06
IN.	1.16	1.11	1.29	2.06	3.69	3.90	6.25	2.04	4.08	3.02	3.20	2.30

CAL YR 1960: TOTAL 256,499 MEAN 701 MAX 7,320 MIN 310 CFSM 1.38 IN 34.61
MAY YR 1961: TOTAL 561,180 MEAN 990

2-3765 Perdido River at Barrineau Park, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	461	372	447	1,110	690	1,140	8,660	1,920	352	628	644	311
2	442	375	444	1,100	625	1,150	12,400	1,470	461	786	554	315
3	504	388	436	999	590	1,600	6,790	897	458	565	447	340
4	519	475	434	918	614	1,460	2,780	693	468	468	414	430
5	478	490	428	943	758	1,310	1,500	604	444	398	410	326
6	442	450	425	2,440	772	1,110	1,350	561	391	398	554	414
7	436	423	423	2,860	758	943	1,360	525	385	632	398	726
8	559	404	415	2,340	722	843	1,280	497	404	1,560	358	636
9	516	385	417	1,960	693	790	1,300	476	461	1,400	340	664
10	455	377	1,350	1,670	726	758	1,280	461	476	847	347	597
11	423	377	2,980	1,350	729	754	1,080	451	597	628	305	628
12	409	385	2,220	1,110	682	762	1,030	472	769	522	298	676
13	401	385	3,410	958	675	722	1,100	476	932	423	294	894
14	401	1,100	3,750	872	618	679	1,100	447	1,120	371	313	865
15	393	1,690	3,640	876	572	932	1,090	437	1,000	377	317	1,240
16	380	1,640	4,020	918	1,270	986	1,020	427	769	729	352	1,630
17	377	1,500	3,060	858	1,720	811	858	423	579	800	382	1,750
18	375	1,270	2,440	811	1,110	722	765	468	511	650	331	1,090
19	372	1,020	2,190	794	2,000	661	726	500	447	597	309	729
20	367	786	1,870	833	5,200	636	693	461	401	504	311	550
21	367	622	1,440	804	5,770	622	661	465	410	388	414	461
22	370	534	1,160	769	3,670	604	632	483	458	345	661	415
23	372	780	972	740	2,440	654	614	483	636	331	639	385
24	372	972	847	715	1,920	693	604	440	925	322	600	372
25	372	808	769	711	1,970	646	600	394	1,230	315	479	362
26	372	711	718	693	1,530	625	650	374	958	320	404	362
27	367	636	736	769	1,190	657	632	363	765	322	358	385
28	365	565	925	936	1,020	654	983	352	639	380	331	357
29	370	504	843	854	-----	646	1,990	348	654	715	317	341
30	372	467	769	804	-----	611	1,760	342	646	1,020	340	332
31	372	-----	808	765	-----	1,310	-----	342	-----	632	338	-----
TOTAL	12,781	20,891	44,786	34,280	41,034	26,861	57,288	17,052	18,746	18,373	12,531	18,804
MEAN	412	696	1,445	1,106	1,466	866	1,910	550	625	593	404	627
MAX	559	1,690	4,020	2,860	5,770	1,800	12,400	1,920	1,230	1,560	661	1,750
MIN	365	372	415	693	572	604	600	342	352	315	294	311
CFSM	1.05	1.77	3.67	2.81	3.72	2.20	4.89	1.40	1.59	1.50	1.03	1.99
IN.	1.21	1.97	4.23	3.24	3.97	2.54	5.41	1.61	1.77	1.73	1.18	1.77
CAL YR	1961:	TOTAL	401,895		MEAN	1,011						
MAY YR	1962:	TOTAL	323,427		MEAN	886						
					MAX	1,300						
					MIN	294						
								CFSM	2.79			
								CFSM	2.25			
								IN	30.53			

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	475	336	385	943	588	672	355	345	261	543	783	553
2	1,270	336	375	758	572	622	353	316	257	501	715	447
3	979	334	365	585	639	570	350	297	253	554	464	388
4	650	334	351	498	603	545	290	250	250	454	355	458
5	504	334	355	453	629	519	338	286	249	365	398	332
6	431	332	362	453	578	890	360	291	246	327	367	310
7	360	329	357	513	546	1,110	608	303	246	305	355	295
8	343	393	405	513	540	740	297	346	327	501	288	310
9	415	406	464	467	490	843	754	284	253	417	412	280
10	401	453	436	439	475	740	894	275	253	444	420	273
11	370	412	404	516	605	618	594	270	250	404	559	272
12	350	393	375	2,170	546	546	354	270	250	444	270	362
13	341	393	375	1,980	854	513	398	263	253	305	412	273
14	334	380	365	1,230	797	498	362	265	253	345	455	367
15	329	360	365	947	780	484	345	284	252	559	797	447
16	322	353	367	762	664	492	334	272	270	578	682	372
17	320	350	375	625	562	490	325	261	295	442	334	350
18	320	353	372	657	522	481	318	261	404	367	455	325
19	316	357	367	754	1,330	469	314	303	840	348	423	303
20	314	357	362	1,930	1,370	447	307	345	972	343	510	288
21	348	943	360	3,160	1,140	420	305	522	840	314	744	278
22	783	1,880	367	3,360	1,060	394	299	442	804	522	954	275
23	636	1,020	396	3,420	858	383	297	431	833	908	886	268
24	490	729	431	1,880	861	375	293	357	758	1,900	908	260
25	417	608	690	1,120	1,040	372	290	314	1,240	3,300	794	255
26	375	522	639	861	936	383	288	297	1,100	3,080	528	253
27	350	495	537	772	851	396	286	242	769	3,270	409	312
28	338	415	490	722	783	393	290	272	668	1,880	602	404
29	334	398	578	654	-----	375	290	270	740	912	412	312
30	332	390	1,690	615	-----	367	332	275	654	983	629	467
31	334	-----	1,190	601	-----	360	-----	268	-----	765	608	-----
TOTAL	13,938	14,605	15,348	34,340	21,644	16,705	11,768	9,509	14,964	26,603	18,279	9,872
MIN	450	487	499	1,108	773	499	302	307	493	858	592	270
MAX	1,270	1,880	1,690	3,420	1,370	1,110	804	522	1,740	3,380	993	370
MIN	314	329	355	439	475	360	286	261	246	305	355	253
CFSM	1.14	1.24	1.26	2.81	1.96	1.37	1.00	.78	1.27	2.18	1.50	.84
IN.	1.32	1.38	1.45	3.24	2.04	1.98	1.11	.90	1.41	7.51	1.73	.93
CAL YR	1962	TOTAL	288,860		MEAN 791							
MAX YR	1963	TOTAL	207,575		MEAN 569							
						MAX	12,400	MIN	294	CFSM	2-01	IN
							3,420		246	CFSM	1.44	IN 19.59

COASTAL BASINS BETWEEN ESCAMBIA RIVER AND MOBILE RIVER

2-3765 Perdido River at Barrineau Park, Fla --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	358	255	503	855	725	767	467	1,850	360	758	1,200	449
2	330	279	422	779	644	939	440	1,830	350	782	1,170	428
3	310	291	443	707	584	1,630	425	3,640	345	623	1,070	410
4	298	283	455	680	545	1,660	425	2,500	340	575	869	419
5	287	277	410	656	539	2,030	416	1,540	330	942	704	476
6	281	279	380	779	587	1,920	425	1,210	320	1,080	674	455
7	275	279	362	1,280	553	1,400	530	946	460	734	908	521
8	269	275	362	1,390	599	1,020	590	840	800	515	749	473
9	265	275	365	2,300	560	806	602	750	320	419	716	428
10	263	279	352	2,090	515	689	557	670	330	378	746	398
11	261	279	342	2,270	485	614	521	610	330	565	858	388
12	261	275	362	1,930	461	560	479	557	375	2,010	855	422
13	259	267	626	1,280	449	524	491	660	320	1,840	792	425
14	259	265	1,390	539	455	506	2,130	820	305	1,930	767	398
15	257	269	1,380	770	479	536	3,990	630	290	2,200	683	380
16	255	271	1,110	698	566	560	2,680	560	275	2,080	626	372
17	253	273	1,060	928	518	512	1,770	520	280	1,510	614	375
18	251	273	894	998	866	470	1,260	490	275	1,070	599	378
19	249	271	874	862	551	506	1,630	470	270	936	641	435
20	249	271	557	1,020	755	1,010	860	450	340	914	1,100	521
21	249	271	515	855	653	1,110	720	430	400	1,250	1,440	440
22	249	275	497	725	599	942	600	415	350	1,760	1,130	395
23	249	494	524	852	554	824	670	404	330	1,400	1,390	375
24	251	548	524	779	509	710	575	400	350	1,280	1,430	365
25	255	382	479	900	599	659	530	520	467	1,830	1,480	352
26	259	335	452	922	740	998	500	470	575	1,620	1,120	345
27	259	362	854	796	835	835	8,906	449	487	1,240	792	345
28	259	449	416	749	1,050	692	9,750	410	515	1,930	638	345
29	251	773	395	689	876	605	7,050	390	761	1,850	557	350
30	247	680	380	626	-----	548	4,010	375	936	1,410	512	352
31	249	-----	491	629	-----	500	-----	370	-----	1,280	479	-----
TOTAL	8,267	10,055	17,556	31,733	18,273	27,102	52,493	26,167	12,181	38,711	27,309	12,223
MEAN	267	335	566	1,024	587	874	1,750	449	407	1,240	861	407
MAX	358	773	1,390	2,300	1,050	2,030	9,750	3,640	936	2,200	1,480	521
MIN	247	255	342	626	449	470	416	370	270	378	479	345
CFSM	.68	.85	1.44	2.60	1.60	2.22	4.44	2.14	1.03	3.17	2.24	1.03
IN.	.78	.95	1.66	3.00	1.72	2.56	4.95	2.47	1.15	3.65	2.58	1.15
CAL YR 1963: TOTAL	199,562			MEAN 547		MAX 3,420		MIN 246		CFSM 1.39		IN 18.84
WAT YR 1964: TOTAL	282,070			MEAN 771		MAX 9,750		MIN 247		CFSM 1.96		IN 26.62

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	370	335	746	575	753	760	950	422	269	354	601	400
2	375	333	665	527	704	1,530	764	388	263	367	581	450
3	500	330	590	503	714	1,850	680	368	261	442	472	450
4	838	328	560	524	689	2,070	617	355	257	583	415	450
5	1,080	328	581	527	680	1,710	578	343	257	536	412	500
6	985	323	590	503	1,460	1,170	545	335	257	469	531	450
7	767	323	572	485	3,350	930	518	325	360	387	803	400
8	623	330	548	464	3,170	810	497	320	416	450	1,010	400
9	539	330	509	448	3,080	743	476	315	375	1,130	1,310	400
10	488	328	467	451	2,040	701	461	305	368	1,360	1,100	400
11	434	325	458	480	1,290	674	455	300	524	1,420	1,040	450
12	404	328	644	473	1,060	657	446	293	653	1,700	1,140	450
13	390	470	704	456	1,250	648	437	291	897	1,160	900	400
14	393	641	635	443	1,300	643	422	287	1,150	828	600	400
15	431	581	578	428	1,210	628	410	283	1,100	682	500	400
16	515	521	533	418	1,120	610	404	281	858	659	450	400
17	530	476	491	414	1,420	597	390	279	1,080	633	400	400
18	479	431	470	407	2,250	615	385	277	1,480	545	400	400
19	440	404	521	402	2,990	670	385	275	1,040	456	500	400
20	407	494	521	398	3,860	732	491	273	694	396	1,000	400
21	385	557	509	398	2,390	737	566	273	518	396	1,000	400
22	370	500	512	394	1,330	692	524	271	434	455	1,500	400
23	363	473	500	644	1,020	638	479	273	390	420	1,500	450
24	353	626	485	1,720	898	608	524	273	373	387	1,000	500
25	348	1,040	1,530	6,050	905	594	572	275	365	371	600	600
26	345	967	1,870	6,120	844	588	1,150	273	363	467	500	480
27	345	792	1,400	2,930	765	714	792	271	377	1,010	450	450
28	343	758	1,100	1,410	719	947	656	269	444	976	400	400
29	340	918	869	1,020	-----	1,130	554	289	437	723	400	420
30	338	852	713	881	-----	1,380	479	300	380	987	400	1,430
31	338	-----	638	859	-----	1,340	-----	283	-----	683	400	-----
TOTAL	14,856	15,442	21,509	31,752	43,261	28,116	16,607	9,363	16,640	21,432	22,315	13,930
MEAN	479	515	694	1,024	1,365	907	534	302	535	691	720	464
MAX	1,080	1,040	1,870	6,120	3,860	2,070	1,150	422	1,480	1,700	1,500	1,430
MIN	338	323	458	394	680	588	385	269	257	354	400	400
CFSM	1.22	1.31	1.76	2.60	3.92	2.30	1.40	.77	1.41	1.75	1.83	1.18
IN.	1.40	1.46	2.03	3.00	4.08	2.65	1.57	.88	1.57	2.02	2.11	1.31
CAL YR 1964: TOTAL	297,999			MEAN 814		MAX 9,750		MIN 270		CFSM 2.07		IN 28.13
WAT YR 1965: TOTAL	255,225			MEAN 699		MAX 6,120		MIN 257		CFSM 1.77		IN 24.09

Note --No gage-height record Aug 14 to Sept 25

2-3767 Jacks Branch near Muscogee, Fla

Location --Lat 30°38'13", long 87°23'10", in N $\frac{1}{2}$ sec 6, T 1 N, R 31 W, near left bank on downstream side of county road bridge, 1 mile upstream from mouth and 2 $\frac{1}{2}$ miles north of Muscogee, Escambia County

Drainage area --23 2 sq mi

Records available --January 1958 to January 1962 (discontinued)

Gage --Water-stage recorder Datum of gage is 25 14 ft above mean sea level, datum of 1929

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (250 cfs), October 1960 to January 1962											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	1330	1,420	9 72	Apr 12, 1961	1500	* 1,490	9 84	Dec 11, 1961	0930	372	6 99
Feb 23, 1961	1000	475	7 40	June 20, 1961	1730	1,340	9 58	Dec 15, 1961	1500	598	7 86

Annual minimum discharge, period October 1960 to January 1962							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	June 7, 8, 1961	2 9	2 08	1962	Oct 27, 28, Nov 2, 3, 1961	4 0	2 19

1958-62 Maximum discharge, 4,230 cfs Sept 16, 1960 (gage height, 12 44 ft), minimum, 2 9 cfs June 7, 8, 1961, minimum gage height, 2 06 ft May 18, 1959

Remarks --Records poor A low-flow measurement of 3 04 cfs was made May 25, 1965

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.9	6.6	7.0	20	13	53	42	6.4	3.6	12	8.0	10
2	4.4	4.9	5.5	18	11	103	36	8.8	3.5	9.2	6.0	24
3	4.2	4.2	5.1	11	10	61	27	7.2	3.4	11	6.6	29
4	4.0	3.8	4.8	8.0	8.8	40	20	6.0	3.2	27	18	22
5	4.1	3.7	4.5	6.6	7.6	32	16	5.4	3.1	17	53	15
6	12	3.6	4.4	6.0	44	28	21	5.1	3.1	13	32	11
7	36	3.5	4.2	5.6	171	24	38	4.8	3.0	8.8	31	8.0
8	30	3.5	4.1	10	105	22	35	4.7	3.0	7.4	52	7.2
9	15	3.7	4.1	11	64	19	27	13	3.5	8.8	68	8.4
10	10	4.7	4.0	8.8	40	17	20	11	5 1	24	51	13
11	7.4	4.4	5.5	7.6	29	14	16	7.0	9.8	22	34	52
12	6.0	4.0	5.4	6.4	22	12	597	6.1	6.7	36	19	4.8
13	5.1	3.8	4.5	8.2	17	15	222	5.2	7.8	36	29	47
14	4.7	3.7	4.2	12	13	16	81	4.8	8.2	27	48	35
15	4.5	3.6	9.8	9.8	11	15	57	4.7	17	17	18	26
16	4.4	3.5	12	8.6	9.2	12	51	4.7	33	11	22	82
17	4.1	3.6	8.8	6.7	8.0	20	44	4.1	69	9.2	14	40
18	3.9	3.6	7.6	6.0	37	67	37	4.0	34	7.4	15	22
19	3.8	3.6	6.2	5.6	1,020	125	25	3.8	22	6.4	14	12
20	3.9	3.5	6.6	6.1	301	91	18	3.8	568	6.6	9.6	8.4
21	3.9	3.4	16	5.6	107	66	14	3.7	497	18	7.6	6.7
22	3.8	3.3	11	5.1	100	43	11	3.6	123	26	6.6	6.2
23	3.7	3.6	9.0	4.9	332	32	9.4	3.6	65	32	6.0	6.0
24	3.6	3.7	7.8	6.0	162	24	8.2	6 6	44	25	6.4	6.0
25	3.5	3.7	6.6	21	130	19	7.2	15	51	14	8.2	6.0
26	3.4	3.5	6.0	36	95	14	6.8	12	50	8.6	8.8	5.5
27	3.4	3.5	5.6	40	63	14	7.2	11	46	6.7	7.4	6.1
28	3.4	5.5	5.5	36	43	32	8.4	6.8	44	4	6.4	5.4
29	3.3	19	5.1	28	-----	86	6.7	5.4	34	37	6.0	5.2
30	3.4	11	5.2	22	-----	68	6.0	4.2	19	19	6.8	5.8
31	7.4	-----	11	17	-----	50	-----	3.8	-----	13	6.6	-----
TOTAL	215.2	139.7	207.1	403.6	2,973.6	1,234	1,514.9	196.3	1,787.0	560.1	625.0	578.9
MEAN	6.94	4.66	6.68	13.0	106	39.8	50.2	6.33	59.6	18.1	20.2	19.3
MAX	36	19	16	40	1,020	125	597	15	568	44	68	82
MIN	3.3	3.3	4.0	4.9	7.6	12	6.0	3.6	3.0	6.4	6.0	5.2
CFSM	30	20	29	56	4.58	1.72	2.18	2.27	2.57	7.78	8.87	8.83
IN	14	22	33	45	4.77	1.98	2.43	3.1	2.86	7.90	1.00	0.93
CAL YR 1960: TOTAL	9,386.7	MEAN	25.6	MAX	1,180	MIN	3.6	CFSM	1.10	IN	5.01	
WAT YR 1961: TOTAL	10,435.4	MEAN	28.6	MAX	1,020	MIN	3.6	CFSM	1.23	IN	6.73	

DISCHARGE, IN CUBIC FEET PER SECOND, OCTOBER 1961 TO JANUARY 1962														
DAY	OCT	NOV	DEC	JAN	DAY	OCT	NOV	DEC	JAN	DAY	OCT	NOV	DEC	JAN
1	6 4	4 1	5 2	35	11	5 1	4 1	239	41	21	4 2	7 0	28	-
2	5 8	4 1	5 2	33	12	4 8	4 1	124	36	22	4 2	6 7	22	-
3	5 5	4 2	5 1	27	13	4 5	4 2	121	29	23	4 2	15	18	-
4	4 9	4 8	4 9	20	14	4 7	31	82	24	24	4 1	14	15	-
5	4 8	4 7	4 8	23	15	4 4	34	274	22	25	4 1	11	13	-
6	4 7	4 5	4 7	72	16	4 2	28	319	19	26	4 1	8 6	11	-
7	5 4	4 4	4 5	94	17	4 2	17	116	-	27	4 1	7 2	13	-
8	8 2	4 2	4 2	70	18	4 2	11	72	-	28	4 0	6 6	17	-
9	6 1	4 1	4 5	48	19	4 2	8 6	52	-	29	4 1	5 8	16	-
10	5 2	4 1	30	43	20	4 2	7 4	37	-	30	4 1	5 5	15	-
										31	4 1	-----	17	-
TOTAL											146 8	279 8	1,694 1	-
MEAN											4 74	9 33	54 6	-
MAX											8 2	34	319	-
MIN											4 0	4 1	4 2	-
CFSM											20	40	2 35	-
IN											24	45	2 72	-
CAL YR 1961-		TOTAL		11,994 1	MEAN	32 9	MAX	1,020	MIN	3 0	CFSM	1 42	IN	19 23
WAT YR 1962		TOTAL			MEAN		MAX		MIN		CFSM		IN	

2-3775 Styx River near Loxley, Ala

Location --Lat 30°39'50", long 87°38'20", in S $\frac{1}{2}$ sec 26, T 4 S, R 4 E, near right bank on down-stream 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

Records available --October 1951 to September 1965

Gage --Digital water-stage recorder. Altitude of gage is 39 ft (by barometer). Prior to Sept 14, 1965, a graphic water-stage recorder at present site and datum

Average discharge --14 years, 177 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,300 cfs revised), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	1000	3,340	12 38	Dec 11, 1961	0300	1,620	6 94	Apr 27, 1964	1330	* 7,820	17 91
Feb 23, 1961	1030	1,300	5 56	Dec 13, 1961	0300	1,730	7 39	May 3, 1964	0300	1,490	6 14
Mar 18, 1961	-	-	-	Dec 16, 1961	0630	1,610	6 89				
Apr 12, 1961	-	a 3,700	-	Feb 20, 1962	0430	2,200	9 19	Aug 9, 1965	2000	1,430	5 92
June 20, 1961	2130	4,590	14 74	Apr 1, 1962	1330	* 4,000	13 75	Sept 30, 1965	2400	*b 4,050	14 37
June 24, 1961	2400	3,920	13 57								
Sept 3, 1961	0800	1,470	6 30	Jan 21, 1963	1800	* 1,510	6 48				
Nov 15, 1961	1630	1,300	5 55	Apr 15, 1964	1245	2,440	9 78				

a Maximum daily, annual maximum discharge probably occurred on this date
b Peak occurred Oct 1, 1965

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	June 5, 9, 1961	46	1 19	1964	Oct 22-24, 1963	a 21	-
1962	Aug 11, 1962	a 30	-	1965	June 5, 1965	27	89
1963	June 15, 16, 1963	23	82				

a Minimum daily

1961-65 Maximum discharge, 14,000 cfs Dec 6, 1953 (gage height, 19 73 ft), from rating curve extended above 6,600 cfs on basis of slope-area measurement of peak flow, minimum, 16 cfs June 22, 1955

Flood in September 1926 reached a stage of 22.2 ft, from information by Corps of Engineers

Remarks --Records good except those for periods of no gage-height record, which are poor

Revisions --WSP 1434 Drainage area

Cooperation --Fifteen discharge measurements furnished by the Corps of Engineers

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	74	286	90	235	184	344	260	100	56	159	113	446
2	66	176	78	219	153	336	210	114	52	145	90	666
3	61	107	73	192	168	275	180	122	51	152	140	1,370
4	58	85	70	143	164	235	160	107	49	138	269	753
5	72	75	69	106	150	205	140	92	47	122	258	413
6	168	69	68	93	299	180	230	83	59	167	356	314
7	314	61	67	89	152	168	400	79	53	120	991	320
8	332	59	66	201	467	175	270	74	48	128	1,060	242
9	296	60	66	235	377	176	200	263	48	192	601	214
10	188	81	65	219	287	154	250	252	61	202	494	257
11	108	83	96	182	217	130	210	202	86	302	467	589
12	89	74	108	136	166	120	3,700	162	84	407	341	503
13	78	69	90	138	140	116	1,800	107	75	296	230	461
14	72	67	79	204	124	112	730	90	122	233	252	469
15	69	65	185	194	112	98	584	81	181	181	326	690
16	74	64	263	171	104	91	530	81	233	120	262	416
17	79	67	219	136	98	360	395	74	224	94	694	284
18	73	68	181	110	597	1,400	314	68	146	90	413	194
19	70	68	122	104	2,930	860	248	62	148	92	246	143
20	83	65	103	122	1,360	510	198	60	2,690	103	157	124
21	75	62	181	113	762	330	166	58	3,520	120	124	112
22	69	60	157	97	582	240	150	56	1,050	138	106	101
23	66	86	135	93	1,120	190	138	54	461	125	93	94
24	64	114	108	106	1,040	160	127	54	2,430	177	94	89
25	62	104	99	370	711	150	120	73	1,040	122	93	83
26	61	86	94	758	497	140	113	136	708	108	93	80
27	60	78	96	848	445	250	127	208	559	219	92	84
28	59	78	94	604	350	450	162	145	401	304	88	84
29	58	119	90	610	-----	760	143	96	305	461	88	86
30	63	119	103	293	-----	540	112	75	214	256	166	80
31	374	-----	145	226	-----	340	-----	62	-----	169	599	-----
TOTAL	3,435	2,655	3,460	7,147	14,116	9,595	12,367	3,290	15,191	5,642	9,396	9,751
MEAN	111	88.5	112	231	504	310	412	106	506	182	303	325
MAX	374	286	263	848	2,930	1,400	3,700	263	3,520	461	1,060	1,370
MIN	58	59	65	89	98	91	112	54	47	90	88	80
CFSM	1.19	.95	1.20	2.47	5.41	3.32	4.42	1.14	5.43	1.95	3.25	3.49
IN.	1.37	1.06	1.38	2.85	5.63	3.83	4.93	1.31	6.06	2.25	3.75	3.89

CAL YR 1960: TOTAL 72,170

MEAN 197

MAX 2,930

MIN 49

CFSM 2.82

IN 58.93

MAY YR 1961: TOTAL 98,043

MEAN 265

MAX 3,700

MIN 47

CFSM 2.82

IN 58.93

Note --No gage-height record Mar 11 to Apr 13

2-3775 Styx River near Loxley, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	99	57	92	422	140	248	2,920	258	47	272	50	36
2	100	58	90	392	128	350	1,070	168	68	157	90	36
3	160	62	89	335	122	401	455	99	74	100	110	46
4	198	97	88	269	160	365	302	83	70	76	70	45
5	202	100	85	270	208	296	230	73	58	89	60	43
6	140	88	83	1,120	210	228	235	67	52	138	50	42
7	99	79	83	1,170	192	190	245	64	48	347	42	51
8	96	70	79	686	159	166	263	59	43	515	37	66
9	100	64	76	452	140	150	219	56	56	374	33	67
10	94	59	582	539	162	141	179	53	67	255	31	70
11	84	60	1,460	455	171	141	150	90	110	120	30	68
12	76	62	1,290	371	153	141	162	262	133	60	34	100
13	72	65	1,570	302	133	137	177	150	150	50	40	120
14	72	427	1,050	252	124	118	150	116	128	45	45	169
15	68	1,100	1,050	258	110	249	127	85	113	110	60	314
16	62	768	1,460	266	341	269	110	66	153	130	80	255
17	61	512	938	250	548	228	96	81	251	80	62	332
18	60	437	618	214	383	177	93	74	113	60	54	347
19	60	317	515	202	638	132	88	80	83	52	70	171
20	57	214	440	186	1,600	114	86	89	69	48	100	106
21	56	157	338	202	592	110	83	75	70	46	110	76
22	57	120	258	192	440	104	79	64	81	45	90	59
23	58	247	219	179	476	124	76	58	80	44	60	51
24	57	275	192	168	437	135	74	54	134	43	90	47
25	57	258	171	166	371	124	74	53	452	42	45	47
26	56	217	157	168	353	107	93	48	296	45	66	103
27	55	164	188	210	278	94	93	46	186	51	52	107
28	53	124	260	230	219	88	182	44	110	48	45	75
29	56	107	240	217	-----	85	488	44	332	47	38	59
30	58	97	208	198	-----	83	392	44	373	38	31	51
31	59	-----	228	166	-----	344	-----	44	-----	60	36	-----
TOTAL	2,582	6,562	14,197	10,507	8,988	5,632	8,982	2,647	4,019	3,622	1,778	3,159
MEAN	83.3	213	458	339	321	182	299	85.4	117	117	57.4	108
MAX	202	1,100	1,570	1,770	1,100	401	2,920	262	452	515	110	347
MIN	53	57	76	166	110	83	74	44	43	42	30	36
CFSM	.89	2.31	4.91	3.64	3.44	1.95	3.21	.92	1.44	1.25	.62	1.13
IN.	1.03	2.58	5.67	4.19	3.59	2.25	3.58	1.06	1.60	1.45	.71	1.26

CAL YR 1961: TOTAL 109,736 MEAN 301 MAX 3,700 MIN 47 CFSM 3.23 IN 63.79
 WAT YR 1962: TOTAL 72,575 MEAN 199 MAX 2,920 MIN 30 CFSM 2.13 IN 28.96

Note --No gage-height record July 31 to Aug 28

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	90	51	75	300	140	152	50	51	31	71	100	154
2	170	47	70	200	130	144	51	44	29	86	100	104
3	170	46	69	150	200	126	52	39	29	65	100	107
4	113	47	67	120	200	116	52	42	28	54	100	95
5	88	47	67	100	150	112	51	39	27	46	100	86
6	68	46	71	100	130	290	74	37	30	40	70	54
7	58	45	68	110	120	312	170	36	28	38	70	43
8	55	60	83	110	110	285	148	36	27	72	70	35
9	107	107	104	102	200	238	118	36	27	158	70	33
10	94	110	94	94	100	186	95	35	26	90	70	33
11	96	90	82	179	230	138	78	35	25	67	80	29
12	78	83	77	1,090	230	120	68	34	24	51	80	29
13	63	80	71	900	180	112	62	33	24	43	80	29
14	58	70	68	600	160	107	55	33	24	70	80	33
15	52	64	67	450	138	100	50	39	23	68	80	34
16	49	60	68	350	120	94	47	40	26	70	90	40
17	46	58	70	300	110	94	45	35	33	69	90	39
18	43	61	70	270	100	88	44	37	76	59	90	37
19	43	65	69	285	450	82	42	36	136	52	90	34
20	40	65	67	680	450	80	42	56	210	54	90	32
21	45	901	66	1,350	300	74	41	50	265	52	130	30
22	134	648	68	1,100	250	67	39	61	218	86	130	30
23	166	390	72	900	200	64	38	54	208	126	130	29
24	156	270	102	500	250	62	37	47	180	168	130	27
25	110	184	150	300	300	61	36	49	126	450	130	27
26	73	130	130	200	250	62	35	44	119	250	100	77
27	63	110	120	180	200	64	36	38	89	250	70	30
28	56	95	110	160	182	61	36	34	100	250	78	36
29	53	85	150	140	-----	57	36	36	112	250	154	38
30	54	80	450	140	-----	54	41	37	95	250	137	35
31	56	-----	400	150	-----	52	-----	32	-----	250	205	-----
TOTAL	2,513	4,195	3,295	11,610	5,480	3,654	1,769	1,255	2,395	3,705	3,094	1,369
MEAN	81.1	145	106	375	196	118	59.8	40.5	79.8	120	99.8	45.6
MAX	170	901	450	1,350	450	312	170	61	265	450	205	154
MIN	40	45	64	94	100	52	35	32	38	70	27	27
CFSM	.87	1.50	1.14	4.02	2.10	1.26	.63	.43	.86	1.28	1.07	.49
IN.	1.00	1.67	1.31	4.63	2.19	1.46	.71	.50	.96	1.48	1.23	.55

CAL YR 1962: TOTAL 59,337 MEAN 193 MAX 2,920 MIN 30 CFSM 1.74 IN 23.68
 WAT YR 1963: TOTAL 44,334 MEAN 120 MAX 1,350 MIN 23 CFSM 1.30 IN 17.09

Note --No gage-height record July 25 to Aug 27

2-3775 Styx River near Loxley, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	31	28	80	214	208	260	86	338	44	95	225	59
2	31	34	70	228	180	389	79	897	42	82	170	53
3	30	33	78	208	148	538	76	1,400	40	82	178	48
4	29	31	75	176	126	531	79	744	38	120	166	48
5	27	31	63	160	131	612	75	422	38	100	130	52
6	27	31	57	278	174	464	79	298	42	90	250	56
7	27	31	50	489	148	348	112	225	45	82	586	64
8	26	31	55	589	164	275	136	174	43	65	395	60
9	26	30	56	940	140	218	148	138	39	55	489	53
10	25	35	50	866	119	174	136	118	48	50	398	46
11	25	32	50	566	108	150	106	102	89	91	348	46
12	24	28	89	447	95	140	82	97	126	552	278	58
13	24	26	345	345	89	138	127	162	102	419	235	57
14	24	26	503	265	95	135	1,030	154	77	566	220	49
15	25	28	461	210	96	148	2,220	126	68	559	180	44
16	24	28	345	188	126	113	949	98	58	329	140	41
17	24	28	220	270	116	96	464	80	50	242	118	45
18	24	28	160	270	324	82	322	71	45	218	128	47
19	23	27	130	245	305	125	240	64	41	174	184	47
20	23	27	110	270	270	330	182	59	39	132	220	61
21	22	28	96	230	225	325	137	56	39	113	152	58
22	21	29	107	194	196	290	114	54	50	170	193	49
23	21	65	107	252	154	242	131	52	48	581	389	44
24	21	95	116	235	125	182	125	52	194	569	272	41
25	22	70	100	248	184	172	110	85	208	926	170	38
26	22	62	88	225	205	310	459	88	234	584	118	36
27	23	63	79	208	274	272	5,670	74	144	328	96	36
28	24	68	75	212	350	222	2,000	60	137	222	104	36
29	26	110	190	295	166	600	1,138	51	138	315	89	38
30	26	114	67	160	124	320	46	95	300	73	40	
31	26	-----	67	164	-----	96	-----	44	-----	215	66	-----
TOTAL	773	1,297	4,019	9,542	5,170	7,667	16,394	6,427	2,401	8,426	6,760	1,450
MEAN	24.3	43.2	130	308	178	242	517	207	80.7	272	218	44.3
MAX	31	114	503	940	350	612	5,670	1,400	234	926	586	64
MIN	21	26	50	160	89	82	75	44	38	50	66	36
CFSM	.27	.46	1.39	3.30	1.91	2.65	5.86	2.22	.86	2.92	2.34	.52
IN.	.31	.52	1.60	3.81	2.06	3.06	6.54	2.56	.96	3.36	2.70	.58

CAL YR 1963: TOTAL 40,420 MEAN 111 MAX 5,670 MIN 21 CFSM 1.19 IN 16.13
 WAT YR 1964: TOTAL 70,326 MEAN 192 MAX 5,670 MIN 21 CFSM 2.06 IN 28.06

Note --No gage-height record Oct 21-28

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	55	38	150	125	220	276	137	54	30	42	395	152
2	49	38	119	108	176	503	118	50	29	47	288	120
3	116	38	102	101	144	514	100	47	28	67	192	114
4	332	38	108	92	125	475	88	46	28	241	138	391
5	416	37	120	83	108	325	79	44	29	245	126	946
6	338	36	104	80	478	240	74	42	53	142	252	348
7	260	36	88	77	954	184	71	41	73	90	520	235
8	170	37	82	74	814	146	66	39	72	259	550	140
9	98	37	78	72	573	128	63	38	59	468	871	102
10	76	36	76	77	380	118	60	36	110	594	1,010	137
11	67	36	74	84	290	114	58	35	100	528	705	162
12	60	37	130	80	250	110	57	34	100	404	607	137
13	56	108	110	77	308	108	55	33	170	356	292	110
14	58	120	100	74	328	107	52	33	280	318	192	130
15	71	90	92	71	298	100	49	32	190	262	148	87
16	79	74	86	70	288	92	48	31	140	270	170	75
17	72	65	80	67	513	88	47	31	160	280	487	69
18	61	59	76	64	798	92	46	31	107	186	954	65
19	55	55	74	63	830	90	45	30	78	120	590	64
20	50	95	73	63	517	102	130	31	61	80	847	64
21	47	102	72	65	348	98	90	30	51	77	674	62
22	44	80	72	65	265	89	110	30	43	98	407	59
23	42	77	71	168	208	84	76	31	39	104	268	57
24	41	222	71	432	176	83	60	30	36	73	176	122
25	40	377	200	768	186	83	180	30	41	62	131	159
26	39	280	700	468	156	88	120	32	62	57	108	106
27	40	228	450	345	134	152	120	32	59	62	100	80
28	40	208	310	275	120	245	100	32	68	74	313	74
29	40	242	240	220	-----	215	80	35	68	198	649	103
30	39	198	188	225	-----	188	64	38	53	461	312	1,550
31	39	-----	148	275	-----	166	-----	34	-----	478	212	-----
TOTAL	2,990	3,124	4,444	4,908	10,085	5,403	2,443	1,112	2,417	6,743	12,679	5,620
MEAN	96.5	104	143	158	360	174	81.4	35.9	80.6	218	409	187
MAX	416	377	700	768	954	514	180	54	280	594	1,010	1,550
MIN	39	36	71	63	108	83	45	28	42	100	100	57
CFSM	1.03	1.12	1.54	1.70	3.86	1.87	.87	.38	.86	2.33	4.39	2.01
IN.	1.19	1.25	1.77	1.96	4.02	2.16	.97	.44	.96	2.69	5.06	2.24

CAL YR 1964: TOTAL 74,795 MEAN 204 MAX 5,670 MIN 36 CFSM 2.19 IN 29.85
 WAT YR 1965: TOTAL 61,968 MEAN 170 MAX 1,550 MIN 28 CFSM 1.82 IN 24.73

2-3785 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 8 miles west of Silver Hill, and 12 miles upstream from mouth

Drainage area --55 1 sq mi

Records available --July 1953 to September 1965

Gage --Water-stage recorder Altitude of gage is 20 ft (from topographic map)

Average discharge --12 years, 112 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (750 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	0230	3,140	12 97	Jan 6, 1962	1300	* 588	8 01	Apr 27, 1964	1130	* 5,470	15 00
Apr 12, 1961	1330	* 4,570	14 29	Jan 21, 1963	0600	* 690	8 48	Sept 30, 1965	2400	a * 2,300	11 97
June 20, 1961	1900	3,680	13 51								
June 24, 1961	1930	1,140	9 90								

a Peak occurred Oct 1, 1965

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	June 7-9, 1961	79	1 80	1964	Oct 29, 1963	42	1 41
1962	Aug 10, 1962	59	1 56	1965	May 27, June 1-5, 1965	48	1 40
1963	Sept 24, 1963	43	1 41				

1953-65 Maximum discharge, 8,570 cfs Dec 6, 1953 (gage height, 17 04 ft), minimum, 37 cfs June 20, 21, 1955

Remarks --Records good except those for period of shifting control, which are fair

Cooperation --Eighteen discharge measurements furnished by the Corps of Engineers

Revisions --WSP 1434 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	98	174	88	157	101	174	176	132	87	127	100	231
2	95	104	85	105	98	196	148	136	86	132	97	309
3	93	94	84	93	108	156	132	126	85	204	190	280
4	93	89	84	89	106	140	127	112	84	178	210	298
5	106	87	84	87	94	138	120	108	82	145	123	176
6	234	87	83	86	157	135	157	106	81	160	199	170
7	272	86	82	86	279	130	238	104	80	124	390	162
8	199	86	82	140	218	138	161	103	79	144	296	133
9	152	89	82	136	148	132	133	204	80	230	209	150
10	120	104	82	100	118	116	149	192	125	269	160	157
11	110	100	113	93	108	112	136	121	175	195	284	438
12	104	91	105	90	101	113	2,430	109	97	211	364	374
13	100	88	88	102	96	112	940	104	118	156	178	243
14	97	88	85	134	94	109	329	104	197	133	167	213
15	96	87	140	105	92	105	243	104	217	128	158	244
16	96	87	159	94	90	104	241	105	185	115	214	256
17	94	87	104	89	89	177	202	100	120	108	274	166
18	91	89	93	87	548	529	164	96	104	109	198	136
19	94	89	90	89	2,230	332	148	94	125	108	140	126
20	107	86	91	94	806	223	139	94	1,780	215	120	123
21	96	86	120	89	334	175	132	94	1,500	142	116	117
22	93	86	99	85	283	145	129	92	407	117	112	114
23	90	104	89	88	515	131	127	91	220	144	108	111
24	89	106	88	95	404	122	124	91	620	144	112	108
25	87	92	88	188	278	116	124	110	663	113	112	106
26	86	88	88	289	214	112	122	167	353	104	112	104
27	86	87	90	238	178	124	136	175	296	113	109	107
28	86	91	89	168	164	253	148	106	209	175	106	105
29	85	120	86	144	-----	333	120	96	161	186	105	107
30	96	104	92	120	-----	261	112	93	139	124	115	107
31	239	-----	109	108	-----	209	-----	89	-----	105	214	-----
TOTAL	3,584	2,856	2,942	3,668	8,054	5,352	7,789	3,558	8,555	4,658	5,392	5,471
MEAN	116	95.2	94.9	118	288	173	260	115	285	150	174	182
MAX	272	174	159	289	2,230	529	2,430	204	1,780	269	390	438
MIN	85	86	82	85	89	104	112	89	79	104	97	104
CFSM	2.10	1.73	1.72	2.15	5.22	3.13	4.71	2.08	5.18	2.73	3.16	3.31
IN.	2.42	1.93	1.99	2.48	5.44	3.61	5.26	2.40	5.77	3.14	3.64	3.69

CAL YR 1960: TOTAL 50,015 MEAN 137 MAX 1,230 MIN 76 CFSM 2.48 IN 33.76
 MAY YR 1961: TOTAL 61,879 MEAN 170 MAX 2,430 MIN 79 CFSM 3.08 IN 41.77

COASTAL BASINS BETWEEN ESCAMBIA RIVER AND MOBILE RIVER

2-3785 Fish River near Silver Hill, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	106	91	95	268	116	122	234	99	70	109	65	66
2	110	91	95	209	114	156	185	88	70	92	84	66
3	177	104	95	154	113	129	114	82	207	81	92	67
4	145	134	94	138	144	111	101	80	105	80	74	67
5	109	110	94	172	150	107	101	79	84	155	68	68
6	102	100	94	520	128	96	107	78	76	146	64	68
7	104	96	93	434	119	92	106	77	74	105	63	66
8	120	92	90	275	114	90	99	76	96	164	60	67
9	110	90	92	208	116	89	94	75	100	100	60	67
10	100	90	151	303	139	90	92	75	155	81	60	68
11	97	92	434	237	120	93	94	76	176	73	60	67
12	96	92	414	184	112	92	106	81	136	71	63	74
13	96	94	450	161	110	84	108	78	121	71	67	70
14	96	280	371	154	109	84	93	76	90	71	72	68
15	94	267	338	164	109	154	90	75	81	88	83	80
16	93	166	524	163	141	139	88	90	78	121	48	73
17	167	388	144	172	96	86	156	86	82	75	116	
18	91	125	267	136	145	86	86	94	78	77	75	96
19	91	110	224	144	155	82	86	81	74	76	82	74
20	90	104	182	147	144	82	86	93	76	71	105	67
21	89	100	154	136	121	83	84	80	132	68	136	64
22	91	98	141	130	119	83	83	75	174	68	103	63
23	91	168	134	128	122	95	83	72	116	67	76	63
24	90	156	126	128	119	88	81	72	104	66	76	64
25	90	112	122	132	119	83	84	71	221	70	76	65
26	89	104	119	129	106	80	95	70	139	73	72	89
27	88	100	146	152	100	77	87	71	88	72	69	75
28	88	99	186	160	97	76	239	71	84	70	67	67
29	92	96	140	132	-----	76	271	70	188	69	68	65
30	92	96	124	122	-----	77	159	70	164	69	72	64
31	92	-----	166	118	-----	154	-----	71	-----	67	-----	-----
TOTAL	3,111	3,624	6,143	5,782	3,473	3,046	3,422	2,502	3,443	2,673	2,342	2,135
MEAN	100	121	198	187	124	98.3	114	80.7	115	86.2	75.5	71.2
MAX	177	280	524	520	172	156	271	188	221	184	136	116
MIN	88	90	90	118	97	76	81	70	70	66	60	63
CFSM	1.82	2.19	3.60	3.39	2.25	1.78	2.07	1.46	2.08	1.56	1.37	1.29
IN.	2.10	2.45	4.15	3.90	2.34	2.06	2.31	1.69	2.32	1.87	1.58	1.44

CAL YR 1962: TOTAL 47,373 MEAN 172 MAX 2,320 MIN 60 CFSM 2.67 IN 24.12

Note --Shifting-control method used Feb 19 to Mar 31

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	68	66	71	84	85	83	70	60	50	58	67	89
2	81	65	69	77	83	79	57	50	59	58	57	
3	84	65	68	74	85	78	71	56	50	57	54	64
4	71	65	68	72	85	76	71	60	49	56	51	57
5	66	65	70	72	85	78	72	56	50	67	50	52
6	64	66	72	73	80	165	108	55	50	86	49	50
7	64	66	71	73	80	133	124	54	50	60	49	49
8	64	73	76	70	80	96	80	51	58	60	49	47
9	65	89	80	70	80	87	71	52	53	115	50	46
10	65	75	72	70	80	83	69	51	50	75	49	45
11	64	68	71	86	80	80	67	51	48	69	50	45
12	64	75	72	297	80	80	65	50	48	58	50	46
13	67	73	70	273	80	80	64	50	49	57	50	45
14	68	68	70	168	80	80	61	51	48	60	51	46
15	65	66	71	104	78	78	60	52	47	59	53	49
16	65	67	72	91	76	77	60	51	47	57	51	51
17	65	68	72	86	75	77	60	50	50	59	50	50
18	65	71	71	114	81	76	62	52	71	60	40	49
19	65	69	70	128	235	76	63	58	118	59	49	47
20	64	71	69	396	170	75	64	59	120	57	58	45
21	65	332	69	557	108	72	64	55	116	70	75	45
22	83	250	71	400	91	72	64	55	77	148	58	47
23	72	105	71	300	83	72	63	52	69	71	64	46
24	66	81	76	200	153	72	62	52	62	184	61	44
25	64	75	97	150	178	72	60	56	63	268	54	44
26	64	72	84	100	101	74	60	64	60	135	52	46
27	64	71	76	100	88	72	60	56	61	85	51	48
28	64	71	74	100	83	72	60	53	60	64	52	50
29	64	71	201	100	-----	71	63	59	59	57	63	51
30	68	72	204	100	-----	70	64	53	58	56	68	48
31	68	-----	110	100	-----	70	-----	51	-----	55	154	-----
TOTAL	2,086	2,591	2,558	4,685	2,745	2,530	2,052	1,676	1,841	2,481	1,790	1,498
MEAN	67.3	86.4	82.5	151	98.0	81.6	68.4	54.1	61.4	80.0	57.7	49.9
MAX	84	332	204	557	235	165	124	64	120	268	154	89
MIN	64	65	68	70	75	70	60	50	47	55	49	44
CFSM	1.22	1.57	1.50	2.74	1.78	1.48	1.24	.98	1.11	1.45	1.05	.91
IN.	1.41	1.75	1.73	3.16	1.85	1.71	1.39	1.13	1.24	1.67	1.21	1.01

CAL YR 1962: TOTAL 36,053 MEAN 98.8 MAX 520 MIN 60 CFSM 1.79 IN 24.33

WAT YR 1963: TOTAL 28,533 MEAN 78.2 MAX 557 MIN 44 CFSM 1.42 IN 19.26

2-3785 Fish River near Silver Hill, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	46	48	56	117	86	125	70	202	69	85	74	65
2	50	54	55	82	78	144	69	201	68	72	84	64
3	51	50	61	68	76	294	69	285	66	72	76	63
4	50	58	58	65	74	172	70	215	66	104	69	96
5	50	50	55	70	81	150	69	127	66	94	68	73
6	50	50	53	151	91	108	74	104	68	75	96	69
7	50	50	52	295	77	93	87	96	68	67	115	73
8	49	54	59	181	69	84	78	91	67	64	212	68
9	49	51	55	384	76	80	72	88	66	64	320	65
10	47	57	51	288	63	76	69	86	67	64	244	64
11	47	52	50	168	61	73	68	85	69	127	175	65
12	46	49	64	154	60	72	67	85	71	449	113	69
13	47	48	125	130	59	71	83	102	69	229	92	67
14	47	48	189	98	58	72	328	91	66	145	87	65
15	47	51	131	84	57	82	408	82	67	144	80	64
16	47	51	76	76	72	80	275	80	66	96	76	68
17	47	51	64	110	70	72	132	79	66	74	71	69
18	47	51	60	96	180	70	95	78	64	94	75	69
19	46	50	58	80	154	86	84	77	62	87	80	67
20	46	50	57	77	88	192	78	76	62	78	75	71
21	47	51	63	76	78	110	74	76	61	76	73	77
22	46	52	63	74	77	86	73	76	62	96	74	67
23	46	67	65	106	75	78	86	72	63	95	112	64
24	46	79	61	99	72	76	77	72	99	83	112	63
25	47	57	59	104	91	91	75	74	89	85	78	62
26	47	56	58	97	94	177	702	72	126	88	72	61
27	48	64	58	90	108	110	3,520	71	169	80	71	62
28	46	61	57	90	173	87	1,280	69	137	78	70	63
29	45	81	56	78	101	78	376	68	83	73	71	65
30	43	65	56	74	-----	72	200	68	84	71	68	74
31	45	-----	82	80	-----	71	-----	68	-----	70	67	-----
TOTAL	1,466	1,642	2,102	3,742	2,519	3,232	8,811	3,113	2,306	3,189	3,173	2,034
MEAN	47.3	54.7	67.8	121	86.9	104	294	100	76.9	103	102	87.8
MAX	51	81	189	384	180	294	3,520	285	169	449	320	96
MIN	43	48	50	65	57	70	67	68	61	64	67	61
CFSM	-.89	1.23	2.3	1.58	1.89	1.40	5.33	1.40	1.56	1.23	1.33	1.23
IN.	1.11	1.42	2.53	1.70	2.18	1.59	2.10	1.56	2.15	2.14	1.37	1.37

CAL YR 1963: TOTAL 26,508 MEAN 72.6 MAX 557 MIN 43 CFSM 1.32 IN 17.89
 MAY YR 1964: TOTAL 37,329 MEAN 102 MAX 3,520 MIN 43 CFSM 1.85 IN 29.20

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	102	62	72	90	88	109	84	58	49	59	124	88
2	75	62	71	75	78	240	79	58	48	59	113	81
3	117	61	69	73	72	164	75	58	48	66	86	97
4	237	60	72	72	70	116	72	57	48	114	75	139
5	214	60	73	70	68	96	71	56	49	86	80	295
6	119	60	68	69	162	87	69	55	50	64	72	108
7	83	60	67	69	338	84	68	53	55	60	140	89
8	74	61	66	68	219	80	67	53	56	103	321	79
9	72	61	66	68	144	78	66	52	55	220	348	75
10	69	61	66	74	108	76	66	52	67	319	370	87
11	68	60	68	74	93	78	65	51	79	461	254	83
12	67	61	83	70	91	78	64	51	80	208	262	78
13	66	106	76	68	119	79	64	51	197	115	133	76
14	68	91	70	68	128	78	63	51	326	100	107	75
15	72	70	67	67	110	76	62	50	245	94	105	72
16	71	67	66	66	100	74	62	50	120	92	94	71
17	68	65	66	66	185	74	60	50	140	244	146	69
18	64	64	66	66	290	76	60	50	102	130	168	70
19	64	64	67	66	201	74	64	50	71	84	177	70
20	64	88	67	67	136	78	102	50	62	70	201	70
21	64	80	68	68	104	76	83	50	58	85	367	69
22	64	69	74	67	92	72	72	50	56	109	172	64
23	63	79	70	105	86	72	64	51	55	81	108	71
24	61	110	68	182	85	72	63	50	54	68	97	87
25	61	178	400	110	88	72	62	50	55	64	84	88
26	62	108	380	91	82	77	64	50	65	64	77	72
27	63	83	280	80	110	84	64	50	104	73	73	70
28	63	90	220	77	78	143	61	56	125	99	84	72
29	63	115	180	73	-----	107	60	56	84	108	208	90
30	62	82	140	79	-----	84	60	53	64	234	191	825
31	63	-----	110	116	-----	85	-----	50	-----	162	111	-----
TOTAL	2,525	2,333	3,376	2,463	3,495	2,865	2,032	1,622	2,767	3,895	4,948	3,344
MEAN	81.5	77.8	109	79.5	125	92.4	67.7	52.3	92.2	126	160	111
MAX	237	178	400	182	338	240	102	58	326	461	370	825
MIN	61	60	66	66	68	72	60	50	48	59	72	68
CFSM	1.48	1.41	1.98	1.44	2.27	1.68	1.23	1.09	1.67	2.48	2.40	2.02
IN.	1.70	1.57	2.28	1.66	2.36	1.93	1.37	1.09	1.87	2.63	3.34	2.26

CAL YR 1964: TOTAL 40,353 MEAN 110 MAX 520 MIN 48 CFSM 2.00 IN 27.24
 MAY YR 1965: TOTAL 35,665 MEAN 97.7 MAX 825 MIN 48 CFSM 1.77 IN 24.07

MOBILE RIVER BASIN

2-3795 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 up-stream from confluence with Ellijay River

Drainage area --135 sq mi

Records available --March 1937 to September 1965

Gage --Digital water-stage recorder Datum of gage is 1,255.39 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (Corps of Engineers bench mark) Prior to Dec 19, 1938, staff gage, and Dec 19, 1938, to Sept 20, 1960, graphic water-stage recorder at same site and datum

Average discharge --28 years, 276 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,400 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	0900	2,280	4.75	Mar 31, 1962	1815	1,410	3.59	Mar 15, 1964	0400	4,490	6.37
Feb 25, 1961	1000	2,130	4.60	Apr 11, 1962	1500	3,550	5.59	Mar 26, 1964	0500	8,160	7.57
Feb 25, 1961	0900	* 5,300	12	July 8, 1962	1600	1,570	3.85	Apr 8, 1964	0600	3,160	5.26
Mar 8, 1961	1300	2,030	4.15					May 3, 1964	0330	1,720	4.00
June 21, 1961	1300	2,720	5.14	Oct 3, 1962	1230	2,330	4.57				
June 28, 1961	0500	1,520	3.95	Jan 19, 1963	2345	1,860	4.14	Oct 4, 1964	1700	* 5,420	7.05
				Mar 6, 1963	0045	5,920	7.43	Mar 24, 1965	1730	1,830	4.11
Dec 12, 1961	1000	* 7,760	8.53	Mar 12, 1963	2100	2,570	4.77	Mar 26, 1965	1015	2,020	4.29
Dec 18, 1961	0700	3,910	5.88	Mar 17, 1963	1245	1,540	3.82	Mar 29, 1965	1545	1,770	4.05
Jan 25, 1962	1930	2,210	4.46	Apr 30, 1963	0500	* 6,440	7.76				
Jan 28, 1962	1115	2,650	4.83								
Feb 22, 1962	0745	1,450	3.65	Jan 25, 1964	0300	4,790	6.60				
Feb 24, 1962	0815	1,910	4.09	Mar 2, 1964	2045	1,420	3.70				

Annual minimum daily discharge, water years 1961-65					
Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 30, 1961	126	1964	Sept 26, 27, 1964	96
1962	Nov 9-13, 1961	115	1965	Sept 9, 1965	94
1963	Nov 6, 7, 1962	115			

1937-65 Maximum discharge, 20,000 cfs Apr 8, 1938 (gage height, 13.0 ft, from floodmark), from rating curve extended above 3,900 cfs on basis of slope-area measurement of peak flow, minimum daily, 64 cfs Oct 26, 1941

Remarks --Records good Some diurnal fluctuations caused by gristmills above station

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	183	183	144	263	173	631	487	337	234	530	227	218
2	166	148	142	224	170	550	196	368	231	426	211	221
3	157	142	142	193	175	508	387	325	227	350	201	221
4	146	138	142	183	170	472	382	312	224	221	204	188
5	161	136	140	175	164	446	359	304	238	293	201	180
6	316	140	138	170	164	441	359	300	248	281	256	248
7	218	134	140	166	185	550	346	300	227	289	281	224
8	241	132	138	161	259	1,270	333	293	218	308	241	191
9	259	134	136	159	214	790	450	350	227	270	231	180
10	218	175	134	152	196	619	482	329	368	256	218	175
11	193	157	343	148	188	573	396	359	259	248	214	178
12	178	142	289	146	183	497	748	337	259	396	211	175
13	168	140	204	144	178	524	655	321	231	534	204	170
14	166	138	180	188	175	534	518	306	234	359	198	178
15	161	136	173	227	170	466	461	300	285	337	193	191
16	164	138	166	224	168	436	466	293	316	387	193	166
17	150	142	157	196	166	416	406	281	259	325	185	161
18	146	138	152	196	222	446	382	281	241	297	195	157
19	146	138	150	278	459	431	373	289	227	332	185	159
20	211	136	150	263	546	406	355	270	248	378	188	164
21	164	136	227	218	1,600	406	346	263	1,270	308	191	152
22	152	134	180	188	842	391	337	312	577	401	191	150
23	148	271	178	196	1,500	378	333	401	406	321	214	146
24	144	234	168	195	829	364	333	297	387	300	208	142
25	138	180	168	175	3,400	350	329	278	321	285	188	140
26	140	168	166	214	1,390	342	355	281	401	266	234	136
27	142	161	164	214	869	337	421	270	373	259	221	130
28	140	157	161	188	771	337	364	259	850	249	196	132
29	138	161	166	185	-----	337	329	259	574	241	185	130
30	136	159	231	178	-----	329	321	248	451	238	217	126
31	150	-----	193	173	-----	610	-----	241	-----	231	241	-----
TOTAL	5,340	4,628	5,362	5,970	15,526	15,187	12,209	9,366	10,561	10,015	6,513	5,129
MEAN	172	154	173	193	555	490	407	302	352	323	210	171
MAX	316	271	343	278	3,400	4,001	1,270	748	1,270	534	281	248
MIN	136	132	134	144	164	329	321	241	218	231	185	126
CFSM	1.28	1.14	1.28	1.43	4.11	3.63	3.01	2.24	2.61	2.39	1.56	1.27
IN.	1.47	1.27	1.48	1.64	4.28	4.18	3.36	2.58	2.91	2.76	1.79	1.41
CAL YR 1960: TOTAL	85,438			MEAN 233		MAX 741	MIN 93	CFSM 1.73	IN 23.54			
WAT YR 1961: TOTAL	105,806			MEAN 290		MAX 3,400	MIN 126	CFSM 2.15	IN 29.15			

2-3795 Cartecay River near Ellijay, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	127	117	122	319	667	648	807	465	300	193	174	120
2	126	116	120	303	593	593	599	443	293	188	189	119
3	227	116	120	282	551	551	522	428	287	187	189	119
4	171	139	120	279	517	526	489	419	288	338	175	118
5	142	127	127	281	521	510	476	412	310	212	185	118
6	137	127	136	467	494	492	639	404	324	328	210	118
7	134	125	132	399	460	472	866	395	274	318	332	166
8	133	117	122	344	450	456	663	388	268	704	356	155
9	132	115	123	312	460	583	576	380	251	506	208	133
10	129	115	770	298	434	571	529	373	236	310	182	136
11	128	115	886	278	413	1,090	2,310	368	242	252	172	154
12	127	115	4,960	272	405	872	2,080	359	478	429	162	130
13	126	115	1,320	262	398	700	1,300	350	431	285	161	126
14	125	137	712	256	390	614	991	343	287	239	163	127
15	122	140	475	308	378	570	889	337	258	221	158	123
16	123	240	484	288	386	539	761	331	242	311	154	165
17	124	162	1,420	264	370	509	695	328	232	235	150	115
18	123	134	2,550	257	366	491	656	321	226	213	146	156
19	123	127	1,020	286	521	484	625	326	220	201	143	134
20	123	123	655	273	416	487	595	317	240	195	143	128
21	123	120	513	261	551	711	566	308	231	190	155	123
22	122	119	435	256	1,140	552	546	303	214	185	156	121
23	121	215	412	384	810	509	547	301	210	205	143	122
24	120	259	361	442	1,380	485	537	297	205	318	138	120
25	119	160	331	1,460	969	480	547	328	200	277	137	119
26	118	141	308	1,470	884	611	526	307	210	219	136	126
27	116	135	375	1,320	716	505	498	289	329	196	132	150
28	117	130	444	1,850	706	476	489	280	245	190	129	124
29	118	126	342	1,210	-----	458	491	272	209	196	125	120
30	119	123	310	938	-----	451	477	373	200	192	175	118
31	120	-----	299	778	-----	868	-----	303	-----	182	121	-----
TOTAL	4,015	4,150	20,504	16,397	16,346	17,854	22,292	10,848	7,940	8,215	5,227	4,103
MEAN	130	138	661	529	584	576	743	350	265	265	169	137
MAX	227	128	4,960	1,850	1,360	1,090	2,310	465	443	478	318	155
MIN	116	115	120	256	366	451	476	272	200	182	121	118
CFSM	.96	1.02	4.90	3.92	4.27	5.50	5.50	2.59	1.96	1.96	1.25	1.01
IN.	1.11	1.14	5.65	4.52	4.50	4.92	6.14	2.99	2.19	2.26	1.44	1.13
CAL YR 1961: TOTAL	119,145			MEAN 326		MAX 4,960	MIN 115					
WAT YR 1962 TOTAL	137,891			MEAN 378		MAX 4,960	MIN 115	CFSM 2.42	IN 32.82			
								CFSM 2.80	IN 37.99			

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	117	119	169	210	304	272	337	1,110	259	496	236	136
2	139	118	164	197	306	300	331	727	250	368	176	133
3	910	118	160	187	548	239	327	541	245	133	168	131
4	274	117	162	179	385	228	320	468	240	294	171	135
5	175	116	163	175	331	852	313	431	238	270	197	196
6	153	115	166	171	305	2,580	350	404	233	294	183	144
7	144	115	155	168	286	773	384	379	234	308	174	137
8	168	164	165	165	268	409	362	362	246	280	171	135
9	155	365	156	160	250	409	319	348	231	249	166	131
10	138	343	150	162	240	370	311	338	221	234	163	129
11	135	201	148	202	241	486	302	370	215	226	161	127
12	132	237	128	417	263	1,200	294	373	208	220	158	124
13	129	236	123	268	236	1,290	286	334	204	215	161	141
14	128	182	171	224	227	719	281	432	214	252	180	183
15	126	163	156	206	218	552	276	343	201	230	158	174
16	125	154	151	195	211	481	273	321	257	242	155	149
17	125	194	144	189	209	973	272	316	381	238	153	141
18	123	495	141	213	207	687	269	326	269	218	150	139
19	120	289	140	576	295	565	268	298	235	224	148	137
20	119	235	139	1,020	262	826	271	290	437	236	148	133
21	131	329	140	450	235	565	260	288	555	299	184	130
22	155	593	166	337	217	488	255	277	337	219	180	129
23	127	332	149	316	213	449	250	271	329	211	153	126
24	121	255	144	278	215	426	241	266	302	214	147	121
25	120	223	331	265	205	411	242	273	276	270	142	121
26	120	204	284	245	207	438	241	315	340	250	144	121
27	119	192	214	257	200	403	236	420	463	214	152	122
28	119	194	192	224	200	382	359	357	439	216	145	512
29	119	192	296	217	-----	364	1,370	350	476	231	149	420
30	119	177	300	342	-----	353	3,550	297	698	217	175	201
31	122	-----	235	350	-----	346	-----	274	-----	198	144	-----
TOTAL	5,007	6,731	5,501	8,565	7,284	18,926	13,120	11,859	9,233	7,966	5,099	4,897
MEAN	162	224	177	276	260	611	437	383	308	257	164	163
MAX	910	593	331	1,020	548	2,580	3,550	1,110	496	496	236	152
MIN	117	115	123	160	200	228	236	266	201	198	142	121
CFSM	1.20	1.66	1.31	2.05	1.93	4.52	3.24	2.83	2.28	1.90	1.72	1.71
IN.	1.38	1.85	1.52	2.36	2.01	5.21	3.61	3.27	2.54	2.19	1.40	1.35
CAL YR 1962: TOTAL	126,461			MEAN 366		MAX 2,310	MIN 115					
WAT YR 1963: TOTAL	104,108			MEAN 286		MAX 3,590	MIN 115	CFSM 2.57	IN 34.84			
								CFSM 2.11	IN 28.70			

2-3795 Cartecay River near Ellijay, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	166	136	172	543	319	304	710	656	360	213	224	134
2	151	150	156	271	282	645	668	888	365	225	187	129
3	147	121	176	220	262	845	631	1,350	328	264	175	150
4	144	117	151	217	249	527	642	897	316	260	197	128
5	140	120	141	217	253	851	593	758	308	222	193	126
6	137	133	135	213	462	546	1,270	682	316	208	207	123
7	135	122	132	272	343	462	1,180	634	324	200	175	120
8	134	117	148	238	300	433	2,060	607	308	237	165	117
9	133	115	144	482	277	408	1,240	587	300	234	160	116
10	132	115	133	422	265	488	949	566	292	231	160	114
11	130	113	185	305	268	411	830	544	288	232	212	112
12	130	111	698	293	246	380	785	573	280	269	206	136
13	128	110	285	286	341	358	1,100	538	284	260	171	122
14	128	110	264	243	428	1,300	1,040	503	272	220	159	117
15	126	110	215	224	411	3,340	866	483	268	205	174	114
16	124	110	188	217	585	1,490	775	462	264	216	417	112
17	124	110	172	209	403	1,110	720	451	256	225	363	108
18	123	110	164	205	671	834	684	441	252	226	227	107
19	122	110	160	197	589	692	654	430	244	207	193	109
20	121	110	150	254	453	683	626	425	237	237	184	113
21	121	111	145	227	390	664	604	420	231	237	171	110
22	121	110	141	209	356	586	590	454	228	225	167	105
23	121	138	178	200	334	534	603	411	228	270	173	105
24	121	138	164	603	318	503	654	435	240	237	165	102
25	122	118	151	2,620	341	1,600	684	401	253	259	154	97
26	121	118	155	919	338	4,000	687	386	280	237	150	96
27	120	131	154	504	320	1,650	912	370	264	196	149	96
28	120	128	151	395	328	1,290	960	366	228	187	148	104
29	117	543	144	341	316	1,100	910	360	216	184	147	328
30	117	248	140	314	-----	866	732	360	210	193	146	255
31	118	-----	157	306	-----	763	-----	352	-----	200	140	-----
TOTAL	3,994	4,133	5,651	12,366	10,448	29,663	25,349	16,791	8,240	7,016	5,852	3,793
MEAN	129	132	182	395	340	957	800	540	270	237	189	116
MAX	166	543	698	2,620	671	4,000	2,060	1,350	365	270	417	328
MIN	117	110	132	197	246	304	590	352	210	184	140	96
CFSM	.95	1.02	1.35	2.95	2.67	7.09	6.26	4.01	2.03	1.68	1.40	.93
IN.	1.10	1.14	1.56	3.41	2.88	8.17	6.98	4.83	2.27	1.93	1.61	1.04

CAL YR 1963: TOTAL 100,727

MEAN 276

MAX 3,550

MIN 110

CFSM 2.04

IN 27.75

WAT YR 1964: TOTAL 133,293

MEAN 364

MAX 4,000

MIN 96

CFSM 2.70

IN 36.72

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	197	156	196	273	275	319	633	368	230	195	137	110
2	146	154	191	279	350	398	574	356	227	190	133	110
3	132	153	189	323	289	389	546	348	233	219	130	117
4	2,940	152	353	278	269	487	645	340	232	216	126	117
5	1,340	150	293	263	258	471	570	333	244	195	126	106
6	511	148	245	254	262	426	519	328	233	185	156	104
7	311	148	223	245	729	389	492	321	285	180	198	104
8	250	160	213	239	504	370	469	315	363	180	288	98
9	220	152	205	235	398	351	455	310	284	200	165	94
10	202	148	199	406	372	339	435	305	234	165	146	95
11	190	146	196	342	398	327	420	301	252	175	135	112
12	181	146	304	297	532	409	455	301	284	162	130	210
13	174	144	258	277	446	382	415	291	248	160	128	180
14	170	143	229	262	392	351	390	284	234	165	125	130
15	199	141	215	251	357	337	442	278	276	188	123	117
16	601	141	207	257	336	324	708	270	276	165	120	112
17	319	143	213	240	347	355	466	265	248	152	118	109
18	264	152	287	234	329	388	430	260	234	144	115	112
19	214	199	235	230	312	337	478	271	216	148	113	109
20	198	207	419	229	299	326	445	283	208	148	115	106
21	190	171	354	231	295	310	415	333	205	146	120	104
22	184	195	301	227	286	305	397	307	209	133	109	108
23	177	151	275	417	278	306	386	304	198	140	117	107
24	172	160	264	457	303	1,010	381	289	213	144	115	154
25	169	707	518	335	610	1,130	398	283	252	144	156	132
26	166	348	425	304	386	1,540	396	269	222	168	146	113
27	164	268	467	278	348	1,040	561	263	198	168	126	107
28	166	239	364	262	332	722	445	259	198	172	144	102
29	174	220	322	255	-----	1,250	405	248	202	205	123	100
30	162	205	307	288	-----	988	382	240	200	160	115	107
31	159	-----	293	266	-----	739	-----	234	-----	142	112	-----
TOTAL	10,622	5,707	8,760	8,734	10,292	16,815	14,153	9,348	7,099	5,261	4,214	3,480
MEAN	343	190	283	282	368	542	472	302	237	170	136	116
MAX	2,940	707	518	457	729	1,540	708	498	363	219	288	210
MIN	132	141	189	227	258	305	381	234	198	158	112	94
CFSM	2.54	1.41	2.09	2.09	2.72	4.02	3.49	2.23	1.75	1.26	1.01	.86
IN.	2.93	1.57	2.41	2.41	2.84	4.63	3.90	2.58	1.96	1.45	1.16	.96

CAL YR 1964: TOTAL 144,604

MEAN 395

MAX 4,000

MIN 96

CFSM 2.93

IN 39.86

WAT YR 1965: TOTAL 104,495

MEAN 286

MAX 2,940

MIN 94

CFSM 2.12

IN 28.78

2-3800 Ellijay River near Ellijay, Ga

Location --Lat 34°42', long 84°29', on left bank at downstream side of bridge on State Highway 5 at Ellijay, Gilmer County, 1 mile upstream from confluence with Cartecay River

Drainage area --90 sq mi, approximately

Records available --April to December 1907, December 1918 to June 1921, February 1953 to September 1965 Monthly discharge only for some periods, published in WSP 1304

Gage --Digital water-stage recorder Datum of gage is 1,242 32 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 May 4 to Dec 31, 1907 and Dec 10, 1918, to Apr 4, 1919, staff gage and Apr 5, 1919, to June 30, 1921, chain gage at site 1,000 ft downstream at datum 1 44 ft lower Feb 26 to July 8, 1953, wire-weight gage, and July 9, 1953, to Apr 28, 1965, graphic water-stage recorder at present site and datum

Average discharge --13 years (1919-20, 1953-65), 213 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 25, 1961	-	12 7	Sept 30, 1961	62	-
1962	Dec 12, 1961	-	13 7	Sept 3, 1962	45	-
1963	Mar 6, 1963	-	15 5	Nov 6, 7, 8, 1962	52	-
1964	Mar 26, 1964	-	14 4	Sept 27, 1964	44	-
1965	Oct 4, 1964	15,300	17 9	Sept 9, 10, 1965	60	-

1953-65 Maximum discharge, 15,300 cfs Oct 4, 1964 (gage height, 17 9 ft), from rating curve extended above 5,500 cfs on basis of contracted-opening measurement of peak flow, minimum, 27 cfs Sept 30, 1954 (gage height, 2 23 ft)

Remarks --Records good except those above 2,000 cfs, which are fair

Revisions (water years) --WSP 1724 1954-60(M)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	101	92	88	210	129	458	309	204	138	278	126	325
2	88	75	86	180	128	408	264	204	135	273	120	158
3	79	74	81	158	135	370	262	188	131	235	135	126
4	75	70	81	142	126	345	262	182	133	219	135	113
5	93	68	79	133	120	321	239	175	148	202	122	104
6	154	70	77	128	119	358	228	175	152	191	176	115
7	117	68	77	122	162	500	217	173	219	217	175	119
8	133	65	75	117	210	1,290	210	171	142	217	154	102
9	169	67	70	111	175	730	259	226	158	180	164	101
10	131	129	70	108	160	528	283	191	507	169	140	95
11	110	95	463	106	148	445	243	206	243	164	133	95
12	99	83	273	102	140	395	445	191	210	193	122	106
13	90	79	175	102	135	420	445	184	177	210	115	93
14	84	75	144	124	131	382	345	175	164	195	111	104
15	81	74	131	173	128	345	309	162	248	197	113	108
16	88	74	119	188	124	321	295	173	217	255	110	92
17	79	75	110	162	122	297	264	162	186	243	102	88
18	75	70	104	146	162	321	248	177	171	199	97	84
19	74	70	99	204	410	295	237	173	158	191	93	84
20	213	67	102	221	500	278	226	158	180	188	106	88
21	113	65	230	191	1,250	271	219	154	1,360	171	99	83
22	97	65	152	175	500	262	213	184	685	166	93	81
23	90	222	131	162	1,290	250	210	221	408	180	90	77
24	84	154	124	146	715	241	206	169	333	162	95	75
25	79	120	117	137	2,360	232	202	173	283	194	137	74
26	75	104	115	191	984	226	213	219	420	144	122	74
27	79	97	110	173	626	221	255	191	345	140	106	70
28	74	92	104	154	556	219	215	171	295	133	99	68
29	72	108	115	146	-----	213	199	158	276	129	92	67
30	70	97	171	137	-----	206	195	150	278	135	95	65
31	84	-----	152	133	-----	351	-----	142	-----	133	99	-----
TOTAL	3,050	2,664	4,025	4,682	11,745	11,499	7,717	5,602	8,502	5,863	3,676	3,034
MEAN	98.4	88.8	130	151	371	371	257	181	283	189	119	101
MAX	213	222	463	221	2,360	1,290	445	226	1,360	278	176	325
MIN	70	65	70	102	119	206	195	142	131	129	90	65
CFSM	1.09	.99	1.44	1.68	4.66	4.12	2.86	2.01	3.15	2.10	1.32	1.12
IN.	1.26	1.10	1.66	1.93	4.85	4.75	3.19	2.31	3.51	2.42	1.52	1.25

CAL YR 1960: TOTAL 62,195 MEAN 170 MAX 1,460 MIN 51 CFSM 2.19 IN 25.78
 MAY YR 1961: TOTAL 72,059 MEAN 197 MAX 2,360 MIN 63 CFSM 2.19 IN 25.78

2-3800 Ellijay River near Ellijay, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	64	62	72	271	472	500	626	273	169	104	77	48
2	64	62	70	252	420	445	500	268	166	102	77	48
3	189	59	70	232	382	420	408	257	160	101	92	46
4	115	86	68	228	358	395	382	252	164	224	77	51
5	88	74	75	235	345	382	358	250	175	122	74	83
6	81	86	84	395	333	358	420	241	171	133	100	56
7	77	86	79	333	297	345	432	237	171	124	135	65
8	75	67	70	292	295	333	395	228	164	298	182	67
9	72	64	75	257	321	458	370	224	146	197	97	60
10	70	62	698	239	292	420	358	219	140	135	79	67
11	68	62	566	221	271	612	1,840	215	146	117	72	62
12	67	62	3,220	217	264	598	1,810	206	345	191	70	54
13	67	62	950	206	255	500	1,020	199	246	137	68	70
14	65	67	472	202	248	432	715	195	173	115	72	67
15	64	68	345	239	239	408	598	191	154	106	67	54
16	64	154	333	217	241	382	514	188	142	106	62	81
17	67	106	1,190	202	228	358	458	182	138	99	60	210
18	67	83	2,820	197	228	345	432	180	137	120	56	83
19	65	77	854	224	297	333	408	173	139	93	54	65
20	68	70	542	206	250	333	382	169	169	88	51	60
21	67	67	420	195	397	472	358	169	137	84	77	56
22	65	65	358	193	886	370	345	171	124	81	83	54
23	62	164	345	290	584	358	333	169	120	100	70	54
24	62	148	297	358	822	345	321	164	117	195	68	51
25	60	104	273	886	730	345	333	191	111	169	64	51
26	64	92	255	1,130	822	408	321	169	124	126	62	72
27	60	86	358	1,650	584	358	309	160	180	102	60	106
28	60	408	1,690	554	333	297	154	135	95	57	67	47
29	60	75	321	984	-----	321	295	150	117	101	54	59
30	60	72	280	685	-----	321	285	322	111	92	51	57
31	62	-----	262	542	-----	694	-----	188	-----	84	50	-----
TOTAL	2,239	2,475	16,230	13,468	11,417	12,682	15,623	6,354	4,687	3,961	2,318	2,024
MEAN	72.2	82.5	524	434	408	409	531	205	156	127	74.8	67.5
MAX	189	166	3,220	1,690	886	694	1,840	322	345	298	182	210
MIN	60	59	68	193	228	321	285	150	111	81	50	46
CFSM	.80	.92	5.82	4.83	4.53	4.55	5.79	2.28	1.74	1.41	.83	.75
IN.	.93	1.02	6.71	5.57	4.72	5.24	6.46	2.63	1.94	1.63	.96	.84

CAL YR 1961:

TOTAL 83,264

MEAN 228

MAX 3,220

MIN 59

CFSM 2.53

IN 34.41

WAT YR 1962:

TOTAL 93,458

MEAN 256

MAX 3,220

MIN 46

CFSM 2.85

IN 38.62

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	54	57	117	150	262	186	224	730	193	382	142	81
2	77	54	111	135	271	197	217	472	182	297	131	79
3	428	56	106	126	640	171	213	382	173	257	124	77
4	146	56	106	119	408	160	208	333	169	226	120	117
5	99	54	108	117	309	740	202	309	169	202	120	138
6	84	52	108	110	268	3,530	239	280	162	199	120	92
7	77	52	101	106	243	670	268	262	158	202	115	84
8	99	71	110	106	217	458	228	246	152	195	115	81
9	84	345	101	101	199	370	219	235	150	171	110	77
10	75	280	93	101	188	321	210	228	144	160	106	75
11	70	154	92	153	182	603	202	252	140	152	110	75
12	68	152	90	287	182	1,360	195	219	135	148	104	74
13	67	144	90	208	166	1,280	188	241	131	142	113	72
14	65	120	88	175	158	685	184	297	144	215	126	84
15	64	106	86	158	150	514	180	230	128	162	108	83
16	62	99	86	146	146	445	177	213	177	197	106	77
17	62	144	86	137	140	528	173	228	297	197	102	72
18	60	514	81	156	138	445	173	262	177	173	99	70
19	57	252	79	364	215	395	171	213	158	206	97	68
20	57	184	81	730	184	395	184	199	237	193	97	65
21	88	358	84	382	166	345	169	193	321	283	113	62
22	100	445	108	285	150	321	164	182	241	180	111	60
23	65	290	92	271	150	297	160	180	257	184	99	59
24	60	219	88	240	146	285	154	173	221	173	95	57
25	60	182	180	220	142	273	156	182	193	177	90	57
26	59	158	150	199	138	321	154	213	228	156	92	57
27	57	142	129	213	133	280	150	453	280	144	99	57
28	57	140	119	180	131	262	232	333	395	140	92	341
29	57	135	204	170	-----	250	912	273	445	142	92	212
30	56	122	221	280	-----	239	2,800	228	685	162	97	110
31	64	-----	173	271	-----	232	-----	208	-----	154	86	-----
TOTAL	2,578	5,135	3,468	6,396	5,822	16,558	9,106	8,449	6,642	5,971	3,331	2,713
MEAN	83.2	171	112	206	208	534	304	273	221	193	107	90.4
MAX	428	514	221	730	640	3,530	2,800	730	685	382	142	341
MIN	54	52	79	101	131	160	150	173	128	140	86	57
CFSM	.92	1.90	1.24	2.29	2.31	5.93	3.37	3.03	2.46	2.14	1.19	1.00
IN.	1.07	2.12	1.43	2.64	2.41	6.84	3.76	3.49	2.74	2.47	1.38	1.12

CAL YR 1962:

TOTAL 83,695

MEAN 229

MAX 3,840

MIN 46

CFSM 2.55

IN 34.58

WAT YR 1963:

TOTAL 70,169

MEAN 269

MAX 3,530

MIN 52

CFSM 2.32

IN 31.47

2-3800 Ellijay River near Ellijay, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	92	84	110	273	215	221	458	382	206	101	108	86
2	84	95	97	164	191	420	432	500	199	108	97	83
3	81	67	101	146	175	570	408	685	186	169	93	81
4	77	64	88	177	169	420	432	514	180	156	129	77
5	74	70	81	184	177	570	395	432	177	122	142	75
6	70	92	74	199	264	458	670	395	175	111	111	74
7	70	72	72	275	215	395	700	370	173	106	99	70
8	68	65	88	226	193	358	1,410	345	166	176	92	67
9	67	64	83	625	180	333	822	333	162	133	88	65
10	67	64	74	382	175	333	640	321	156	182	93	64
11	65	62	130	264	177	309	542	309	152	175	180	62
12	65	59	552	243	160	292	500	395	148	193	160	74
13	65	60	217	224	239	278	655	333	148	297	113	65
14	64	60	191	186	297	1,180	640	297	142	154	97	60
15	62	59	152	170	333	3,410	542	287	137	126	113	59
16	60	60	129	160	486	1,020	486	273	137	126	480	57
17	59	62	120	152	333	715	458	266	133	115	309	57
18	57	60	110	148	528	570	432	255	131	115	188	54
19	57	59	100	138	486	500	408	248	128	111	146	60
20	57	59	100	213	382	500	395	243	124	171	128	60
21	57	60	90	186	321	472	370	239	119	133	115	57
22	56	59	80	166	287	432	370	237	115	113	110	54
23	56	102	158	156	262	395	358	228	119	111	110	54
24	57	83	128	412	243	370	382	226	128	190	104	51
25	56	67	111	1,730	257	994	395	219	124	208	97	46
26	56	65	108	528	248	3,450	395	213	124	148	93	46
27	56	79	106	370	230	1,020	458	213	120	120	110	46
28	54	86	101	297	241	760	472	213	110	110	133	70
29	51	395	95	248	226	626	500	210	102	106	106	230
30	51	156	90	224	224	542	420	206	109	110	102	197
31	52		104	219	-----	500		202	-----	106	93	-----
TOTAL	1,963	2,489	3,840	9,085	7,690	22,413	15,545	9,589	4,320	4,402	4,139	2,201
MEAN	63.3	83.0	124	293	265	723	518	309	144	142	134	73.4
MAX	92	95	552	1,730	528	3,450	1,410	685	206	297	480	230
MIN	51	59	72	160	160	221	358	202	99	101	88	46
CFSM	.70	.92	1.38	3.26	2.95	8.03	5.76	3.44	1.60	1.58	1.48	.82
IN.	.81	1.03	1.59	3.75	3.18	9.26	6.42	3.96	1.79	1.82	1.71	.91

CAL YR 1963: TOTAL 73,280
WAT YR 1964: TOTAL 87,676MEAN 201
MEAN 240MAX 3,530
MAX 3,450MIN 51
MIN 46CFSM 2.23
CFSM 2.66IN 30.28
IN 36.28

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	133	140	162	208	239	266	514	222	128	106	79	73
2	86	137	156	213	290	321	445	214	127	99	74	74
3	74	133	150	230	241	309	420	206	139	130	69	71
4	6,050	133	333	204	228	382	445	199	131	116	66	69
5	1,440	129	262	195	217	370	395	194	138	103	72	66
6	472	128	217	186	228	345	370	189	130	96	87	76
7	333	126	188	180	556	309	370	183	164	94	380	103
8	271	138	173	173	458	297	345	179	243	101	300	70
9	237	128	162	169	382	283	333	174	277	98	141	64
10	210	124	152	526	358	271	309	173	157	127	111	64
11	188	120	150	390	528	259	297	172	170	146	96	73
12	175	120	285	307	670	297	297	178	199	112	88	246
13	162	120	228	273	542	273	280	164	166	118	85	127
14	158	117	199	248	445	262	268	158	147	96	82	95
15	177	115	180	230	382	250	280	153	174	92	81	83
16	370	115	169	230	345	241	287	150	168	89	75	77
17	243	115	173	213	333	271	257	149	171	80	75	89
18	206	119	241	204	309	280	248	150	150	77	72	92
19	184	173	195	197	295	252	297	150	135	85	75	80
20	173	243	382	193	278	243	266	165	129	77	90	71
21	166	171	333	191	273	230	248	221	123	89	95	67
22	160	148	273	184	262	224	239	315	118	76	79	64
23	154	138	246	321	250	226	230	183	116	77	78	68
24	148	146	224	345	292	486	226	178	128	79	81	223
25	146	615	297	287	432	612	262	157	124	108	93	123
26	142	350	271	262	309	2,100	239	158	119	145	94	91
27	138	250	297	237	290	1,020	309	148	111	192	87	82
28	146	219	264	224	278	640	271	145	109	164	114	74
29	197	195	243	219	-----	950	242	148	108	121	82	71
30	152	175	235	239	-----	854	230	135	111	94	73	77
31	142	-----	221	215	-----	612	-----	132	-----	84	70	-----
TOTAL	13,033	5,080	7,061	7,493	9,710	13,735	9,219	5,442	4,410	3,271	3,144	2,703
MEAN	420	169	228	242	347	443	307	176	147	106	101	90.1
MAX	6,050	615	382	526	670	2,100	514	315	277	192	380	246
MIN	74	115	150	169	217	224	226	132	108	76	66	64
CFSM	4.67	1.88	2.53	2.69	3.85	4.92	3.41	1.95	1.63	1.17	1.13	1.00
IN.	5.39	2.10	2.92	3.10	4.01	5.68	3.81	2.25	1.82	1.35	1.30	1.12

CAL YR 1964: TOTAL 104,558
WAT YR 1965: TOTAL 84,301MEAN 286
MEAN 231MAX 6,050
MAX 6,050MIN 46
MIN 64CFSM 3.17
CFSM 2.57IN 43.21
IN 34.64

2-3805 Coosawatee 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 2½ miles downstream from confluence of Cartecay and Ellijay Rivers

Drainage area --238 sq mi

Records available --October 1938 to December 1949, occasional low-flow measurements 1959, 1961-62, May 1963 to September 1965

Gage --Digital water-stage recorder Datum of gage is 1.216 04 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 Prior to Apr 10, 1940, wire-weight or staff gage at site half a mile upstream at datum 8 04 ft higher June 10, 1940, to Dec 31, 1949, and May 21, 1963, to May 6, 1964, graphic water-stage recorder at present site and datum

Average discharge --13 years, 480 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), May 1963 to September 1965											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
June 30, 1963	-	* 2,580	4 90	Mar 15, 1964	0500	9,290	11 38	Oct 4, 1964	1945	* 17,000	17 63
Dec 12, 1963	0500	2,090	4 18	Mar 26, 1964	0800	* 10,900	12 72	Mar 26, 1965	1030	4,720	7 04
Jan 25, 1964	0400	7,250	9 64	Apr 8, 1964	0700	4,820	7 22	Mar 29, 1965	1450	2,890	5 04
Mar 2, 1964	2000	2,250	4 43	Apr 13, 1964	2000	2,090	4 19				
				May 3, 1964	0200	2,410	4 58				

Annual minimum discharge, May 1963 to September 1965

Water year	Date	Discharge	Water year	Date	Discharge
1963	Sept 27, 1963	156	1965	Sept 23, 1965	134
1964	Sept 27, 1964	118			

1938-49, 1963-65 Maximum discharge, 17,000 cfs Oct 4, 1964 (gage height, 17 63 ft), minimum, 101 cfs several days in October 1941

Maximum stage known since at least 1938, 20 7 ft Mar 19, 1951, from floodmark

Remarks --Records good Some diurnal fluctuations caused by gristmills above station

Low-flow discharge measurements, in cubic feet per second, water years 1961 and 1962

Sept 26, 1961

236

Oct 19, 1962

199

DISCHARGE, IN CUBIC FEET PER SECOND, MAY TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1								-	502	915	410	205
2								-	480	722	347	201
3								-	465	637	323	197
4								-	460	556	332	259
5								-	460	512	361	378
6								-	450	940	356	242
7								-	440	551	332	226
8								-	450	518	323	217
9								-	445	465	314	205
10								-	425	435	304	201
11								-	410	420	304	197
12								-	400	410	295	190
13								-	390	400	290	209
14								-	415	496	330	259
15								-	380	435	280	250
16								-	485	465	280	213
17								-	734	475	270	197
18								-	502	430	260	194
19								-	450	460	260	190
20								-	690	455	260	178
21								512	908	613	310	175
22								502	625	435	310	171
23								485	625	420	270	167
24								480	573	420	260	160
25								496	507	465	240	160
26								562	601	440	250	160
27								873	760	390	260	160
28								715	901	390	250	737
29								649	1,020	410	286	672
30								556	1,540	420	242	342
31								524	-----	385	217	-----
TOTAL								-	17,493	15,085	9,126	7,312
MEAN								-	563	487	294	244
MAX								-	1,540	915	410	737
MIN								-	380	385	217	160
CFSM								-	2.45	2.04	1.24	1.02
IN.								-	2.73	2.36	1.43	1.14

2-3805 Coosawattee River near Ellijay, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	284	236	320	834	588	576	1,180	1,060	611	293	354	213
2	254	294	284	502	524	1,140	1,100	1,430	612	311	292	201
3	245	209	320	424	490	1,470	1,060	2,010	519	434	271	199
4	236	200	268	446	474	999	1,060	1,390	544	457	338	197
5	231	213	250	463	474	1,470	991	1,180	530	365	348	194
6	218	254	231	468	740	1,060	1,890	1,060	530	333	328	188
7	213	218	227	618	606	895	1,850	951	538	317	278	180
8	213	205	263	529	540	820	3,300	899	534	434	258	174
9	209	200	254	1,360	502	772	2,010	867	504	389	249	170
10	209	194	231	887	490	863	1,600	839	484	426	258	166
11	209	192	353	642	490	752	1,390	812	474	430	411	166
12	205	192	1,260	600	458	708	1,300	937	456	476	398	211
13	205	188	558	606	612	672	1,770	831	464	591	296	180
14	200	188	518	496	785	2,210	1,680	774	442	431	261	170
15	200	188	430	450	785	6,590	1,390	748	424	377	296	166
16	196	188	364	430	1,140	2,410	1,260	720	418	383	974	162
17	196	188	326	418	1,810	1,160	1,180	703	403	340	724	154
18	192	188	310	414	1,220	1,390	1,100	691	398	383	429	150
19	192	188	280	392	1,180	1,220	1,060	672	380	352	338	162
20	192	188	270	524	911	1,180	1,020	669	369	461	303	166
21	188	188	260	480	772	1,140	991	656	351	413	274	158
22	188	188	254	436	702	1,060	959	696	342	370	245	150
23	188	254	392	414	648	951	975	650	335	411	271	150
24	188	254	336	926	612	895	1,060	673	357	465	259	142
25	192	205	299	4,160	648	2,340	1,100	638	362	523	238	130
26	192	200	299	1,520	642	7,280	1,100	623	405	431	228	126
27	188	236	294	927	606	2,580	1,340	614	381	340	237	126
28	188	236	740	929	624	2,010	1,430	327	314	270	162	126
29	183	935	268	648	588	1,680	1,430	615	303	301	245	592
30	179	463	259	588	-----	1,390	1,180	609	287	323	238	492
31	183	-----	284	576	-----	1,260	-----	598	-----	309	224	-----
TOTAL MEAN	6,356	7,272	10,551	22,910	19,650	51,593	40,756	26,232	13,110	12,198	10,162	5,797
MAX	284	935	1,260	4,160	1,220	7,280	3,300	2,010	612	591	974	592
MIN	179	188	227	392	458	576	959	598	287	293	224	126
CFSM	.86	1.02	1.43	3.11	2.85	6.99	5.71	3.56	1.84	1.65	1.38	.81
IN.	-.99	1.14	1.65	3.58	3.07	8.06	6.37	4.10	2.05	1.91	1.59	.91

CAL YR 1963: TOTAL 226,596 MEAN 619 MAX 7,280 MIN 126 CFSM 2.60 IN 35.41
 MAY YR 1964: TOTAL 226,596 MEAN 619 MAX 7,280 MIN 126 CFSM 2.60 IN 35.41

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	352	308	367	503	518	600	1,250	633	402	305	231	200
2	224	303	356	504	648	708	1,140	611	398	289	222	200
3	190	299	349	572	534	708	1,100	590	418	361	213	209
4	8,440	294	697	502	507	841	1,210	572	405	342	200	205
5	2,840	289	571	481	485	834	1,090	560	429	295	205	188
6	1,020	289	483	467	502	766	1,010	546	411	273	259	196
7	684	285	440	454	1,220	708	977	533	459	263	635	222
8	558	314	415	443	1,010	678	928	527	636	269	630	183
9	491	297	395	435	813	654	896	517	605	293	364	174
10	443	285	377	948	772	630	852	511	424	292	289	174
11	408	283	371	743	975	600	831	505	438	320	259	205
12	384	281	601	606	1,260	714	870	511	550	275	245	530
13	367	279	515	552	1,090	672	806	487	466	278	231	299
14	352	274	458	518	911	300	770	473	412	256	213	205
15	397	273	425	496	813	606	807	467	455	284	213	174
16	938	273	406	502	752	588	1,080	458	471	251	200	162
17	587	277	410	468	746	630	823	454	447	225	209	179
18	475	291	550	458	708	696	778	456	407	215	213	179
19	424	410	458	441	672	612	888	455	361	222	213	162
20	395	476	796	441	642	588	813	486	345	213	227	146
21	377	369	706	441	630	564	753	581	329	227	245	142
22	364	325	596	430	618	552	723	850	312	205	213	138
23	349	310	540	752	594	560	909	513	307	205	218	150
24	337	335	507	806	648	1,560	690	494	344	213	218	348
25	332	1,250	784	636	1,020	1,680	735	474	468	240	278	240
26	324	685	678	570	714	3,480	708	460	392	353	278	174
27	318	518	760	524	654	1,970	449	380	325	246	246	146
28	323	448	644	502	618	1,430	752	447	317	392	294	146
29	381	424	580	490	-----	2,250	688	439	321	380	227	142
30	326	391	557	529	-----	1,830	653	420	319	289	205	158
31	315	-----	535	496	-----	1,450	-----	413	-----	250	196	-----
TOTAL MEAN	23,715	11,155	16,327	16,710	21,074	30,789	26,222	15,892	12,373	8,655	8,088	5,988
MAX	8,440	1,250	796	948	1,260	3,480	1,250	850	636	592	635	530
MIN	190	273	349	430	485	552	653	413	307	205	196	138
CFSM	3.21	1.56	2.21	2.26	3.16	4.17	3.67	2.15	1.73	1.17	1.10	.84
IN.	3.71	1.74	2.55	2.61	3.29	4.81	4.10	2.48	1.93	1.35	1.26	.94

CAL YR 1964: TOTAL 233,614 MEAN 693 MAX 8,440 MIN 126 CFSM 2.91 IN 38.63
 MAY YR 1965: TOTAL 233,614 MEAN 693 MAX 8,440 MIN 126 CFSM 2.91 IN 38.63

2-3815 Coosawatee River near Carters, Ga

Location --Lat 34°36'45", long 84°40'15", on downstream side of right bank pier of highway bridge, 1 1 miles above Talking Rock Creek, and about 1 5 miles northeast of Carters, Murray County

Drainage area --376 sq mi

Records available --October 1925 to December 1931, October 1961 to September 1964 (discontinued)

Gage --Water-stage recorder Datum of gage is 664 35 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers)

Average discharge --9 years, 886 cfs

Extremes --Maximum and minimum discharges for the water years 1962-64 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1962	Dec 12, 1961	-	17 07	Sept 2, 1962	260	-
1963	Mar 6, 1963	-	18 50	Sept 25-27, 1963	320	-
1964	Mar 26, 1964	-	18 25	Sept. 26, 27, 1964	a 245	-

a Minimum daily

1925-31, 1961-64 Maximum gage height, 18 50 ft Mar 6, 1963 (discharge not determined), minimum discharge, 59 cfs Sept 22, 1925

Revisions --The maximum discharge for water years 1926-31, published in WSP 682, 697, 712 and 1304 are considered to be unreliable owing to absence of sufficient information to make corrections for backwater from Talking Rock Creek, and should not be used

Cooperation --Gage-height record, 54 discharge measurements, and computation of daily discharge furnished by Corps of Engineers, records reviewed by Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	300	310	355	1,080	1,970	1,950	2,380	1,280	821	612	410	276
2	300	310	350	1,050	1,750	1,750	1,780	1,240	842	606	395	272
3	500	310	350	980	1,880	1,620	1,550	1,170	786	618	468	280
4	850	350	345	948	1,480	1,420	1,540	1,120	786	986	426	280
5	450	400	365	940	1,450	1,480	1,380	1,120	912	674	395	304
6	400	360	405	1,580	1,420	1,420	1,620	1,180	870	912	438	288
7	370	400	410	1,480	1,260	1,360	1,970	1,060	821	877	667	410
8	350	345	355	1,230	1,230	1,290	1,680	1,040	814	990	905	405
9	340	325	355	1,100	1,310	1,590	1,530	1,020	737	1,300	552	312
10	340	320	2,280	1,010	1,190	1,590	1,410	1,000	695	723	438	308
11	330	320	2,100	912	1,110	2,360	6,850	988	723	618	400	365
12	320	320	12,400	905	1,080	2,350	6,680	972	1,590	805	385	304
13	320	320	4,380	863	1,070	1,930	4,520	940	1,580	751	390	280
14	320	335	2,240	842	1,040	1,680	2,880	926	948	600	390	365
15	310	405	1,640	940	1,000	1,560	2,520	912	814	546	375	304
16	310	648	1,380	933	1,030	1,470	2,200	898	758	606	360	350
17	310	570	4,200	856	988	1,370	2,020	891	716	558	345	1,040
18	310	415	9,270	835	972	1,290	1,900	870	695	528	340	474
19	310	380	3,440	912	1,310	1,280	1,780	856	674	426	325	345
20	310	360	2,280	884	1,080	1,280	1,700	849	744	410	330	308
21	320	350	1,780	842	1,450	1,890	1,610	835	758	444	340	292
22	320	345	1,580	828	3,240	1,550	1,580	821	681	432	410	284
23	310	636	1,380	1,120	2,280	1,380	1,560	814	667	410	360	288
24	300	842	1,210	1,310	3,350	1,280	1,540	807	648	765	360	276
25	300	534	1,080	2,880	2,590	1,290	1,500	863	630	786	330	272
26	300	444	1,010	5,930	2,780	1,660	1,530	751	688	576	325	312
27	300	410	1,210	5,770	2,180	1,400	1,480	786	979	492	316	438
28	290	395	1,680	6,190	2,120	1,300	1,370	765	891	468	308	320
29	290	370	1,250	4,560	-----	1,250	1,380	688	716	466	296	296
30	300	360	1,080	2,800	-----	1,210	1,310	1,290	648	468	288	284
31	310	-----	1,040	2,330	-----	2,190	-----	870	-----	432	284	-----
TOTAL	10,690	12,189	63,100	54,840	45,320	48,560	64,560	29,622	24,632	19,905	12,351	10,332
MEAN	345	406	2,035	1,769	1,619	1,566	2,132	956	821	642	398	344
MAX	850	842	12,400	6,190	3,350	2,360	6,850	1,290	1,590	1,300	905	1,040
MIN	290	310	345	828	972	1,210	1,310	688	630	410	284	272
CFSM	.92	1.08	5.41	6.70	4.30	4.17	5.72	2.54	2.18	1.71	1.06	.92
IN.	1.06	1.21	6.24	5.42	4.48	4.80	6.39	2.93	2.44	1.97	1.22	1.02

CAL YR 1961: TOTAL
MAT YR 1962: TOTAL 396,101

MEAN MAX MIN CFSM IN
1,085 12,400 272 2.89 39.18

Note --No gage-height record Oct 1 to Nov 7

2-3815 Coosawatee River near Carters, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	285	300	549	773	1,000	738	1,130	3,360	905	1,600	692	344
2	345	290	528	703	1,790	984	1,100	2,300	862	1,270	642	336
3	2,930	500	607	738	1,060	728	1,060	1,120	820	1,120	565	336
4	984	280	500	612	1,450	696	1,020	1,620	820	990	574	463
5	542	280	507	598	1,190	1,990	998	1,500	803	922	582	638
6	440	275	521	570	1,060	9,680	1,100	1,390	786	1,090	608	412
7	398	275	482	549	968	2,880	1,290	1,310	769	1,130	556	378
8	464	330	500	542	899	2,100	1,110	1,250	769	990	548	352
9	458	1,300	488	514	843	1,820	1,040	1,160	760	862	522	336
10	370	1,440	458	514	801	1,660	1,010	1,100	718	803	506	327
11	355	801	452	629	794	2,140	982	1,230	701	752	506	318
12	345	689	440	1,290	822	4,080	948	1,090	676	735	488	310
13	330	766	428	892	780	4,480	922	1,070	658	718	506	318
14	325	598	434	766	738	2,510	905	1,420	684	905	540	463
15	320	521	428	682	710	1,990	897	1,140	633	846	480	472
16	310	476	428	633	689	1,700	880	1,040	812	828	463	370
17	310	564	422	591	675	2,300	871	998	1,330	939	454	336
18	300	1,750	416	461	661	1,930	854	1,160	836	837	438	318
19	290	1,220	410	1,120	864	1,680	846	990	778	846	429	310
20	285	885	410	3,150	857	1,990	880	948	1,040	905	420	302
21	320	1,190	410	1,460	773	1,570	828	922	1,780	1,160	446	286
22	482	1,850	476	1,080	710	1,410	812	888	1,160	854	522	270
23	345	1,280	976	676	696	1,380	803	854	1,130	760	438	254
24	310	952	434	906	689	1,350	778	828	1,040	794	404	238
25	300	808	730	794	675	1,340	760	862	930	828	386	230
26	295	710	836	794	640	1,520	760	1,020	1,050	846	386	230
27	295	661	647	808	605	1,400	735	1,760	1,310	735	429	230
28	290	640	724	605	1,280	1,280	1,030	1,440	1,100	710	404	1,120
29	295	640	851	717	-----	1,230	3,850	1,280	1,720	744	395	1,370
30	295	591	1,140	1,000	-----	1,180	9,380	1,060	2,850	735	480	692
31	300	-----	871	1,160	-----	1,150	-----	964	-----	726	395	-----
TOTAL	13,913	22,652	16,729	26,855	24,844	62,896	39,579	39,894	30,638	27,980	15,204	12,359
MEAN	449	725	540	866	887	2,029	1,319	1,287	1,021	903	490	412
MAX	2,930	1,850	1,340	3,150	1,860	9,680	9,380	3,360	2,850	2,600	692	1,370
MIN	285	275	410	514	605	696	735	828	633	710	386	230
CFSM	1.19	2.01	1.44	2.30	2.36	5.40	3.51	3.42	2.72	2.40	1.30	1.10
IN.	1.38	2.24	1.65	2.66	2.46	6.22	3.91	3.95	3.03	2.77	1.50	1.22

CAL YR 1962: TOTAL 363,916

MEAN 996

MAX 9,680

MIN 230

CFSM 2.45

IN 35.95

WAT YR 1963: TOTAL 333,543

MEAN 914

MAX 9,680

MIN 230

CFSM 2.43

IN 32.95

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	455	346	547	1,260	995	965	2,040	1,810	1,050	561	565	345
2	398	475	449	830	897	1,650	1,910	2,600	1,050	596	472	331
3	386	341	495	673	830	2,670	1,820	4,400	972	680	442	331
4	374	318	430	680	785	1,730	1,890	2,700	898	800	545	328
5	356	331	392	740	815	2,410	1,730	2,260	913	631	636	325
6	345	430	368	680	1,230	1,810	3,110	2,040	913	533	565	322
7	341	350	362	965	1,040	1,500	2,960	1,640	913	507	469	304
8	336	328	386	868	905	1,380	5,400	1,900	905	669	439	295
9	336	314	423	2,060	838	1,290	3,530	1,890	868	785	418	290
10	332	309	368	1,590	815	1,380	2,630	1,860	853	666	415	287
11	332	305	481	1,060	822	1,220	2,340	1,800	838	752	560	280
12	332	302	2,190	935	755	1,140	2,150	1,900	830	815	662	343
13	332	299	1,010	920	904	1,060	2,800	1,800	838	1,030	480	313
14	327	299	845	778	1,390	3,440	2,400	1,630	815	777	439	295
15	323	299	702	725	1,250	10,100	2,360	1,570	793	617	445	285
16	319	296	673	725	2,200	3,910	2,150	1,480	778	596	1,420	275
17	314	296	540	638	1,410	3,050	2,020	1,410	740	596	1,790	272
18	310	295	501	631	2,130	2,500	1,910	1,370	732	631	891	270
19	305	293	534	673	2,150	2,170	1,800	1,290	725	561	630	275
20	305	293	507	785	1,600	2,150	1,690	1,280	688	738	520	295
21	305	296	507	778	1,310	2,040	1,630	1,220	659	777	472	282
22	305	293	534	695	1,180	1,830	1,580	1,270	645	645	445	270
23	305	341	603	666	1,060	1,660	1,590	1,190	610	660	448	270
24	305	410	568	1,280	995	1,530	1,710	1,190	688	854	439	268
25	305	318	481	6,360	1,060	3,920	1,710	1,120	695	913	412	258
26	302	310	475	2,730	1,070	9,650	1,760	1,090	755	758	391	245
27	302	350	475	1,750	995	4,330	2,040	1,050	725	525	391	245
28	292	380	468	1,310	1,040	3,280	2,340	1,110	617	475	421	268
29	296	1,700	449	1,110	995	2,800	2,370	1,060	589	466	409	842
30	293	917	423	1,030	-----	2,400	2,010	1,090	547	484	391	993
31	296	-----	455	988	-----	2,170	-----	1,040	-----	475	382	-----
TOTAL	10,174	11,834	17,641	36,913	33,466	83,145	67,840	51,060	23,642	20,518	17,404	10,012
MEAN	328	394	568	1,191	1,080	2,687	2,187	1,682	765	685	565	327
MAX	455	1,700	2,190	6,360	2,200	10,100	5,400	4,400	1,050	1,030	1,790	993
MIN	293	293	362	631	755	965	1,580	1,040	547	466	382	245
CFSM	.87	1.05	1.51	3.17	3.07	7.13	6.01	4.38	2.10	1.76	1.49	.89
IN.	1.01	1.17	1.74	3.65	3.31	8.22	6.71	5.05	2.34	2.03	1.72	.99

CAL YR 1963: TOTAL 319,898

MEAN 876

MAX 9,680

MIN 230

CFSM 2.33

IN 31.64

WAT YR 1964: TOTAL 383,649

MEAN 1,048

MAX 10,100

MIN 245

CFSM 2.79

IN 37.95

MOBILE RIVER BASIN

2-3820 Scarecorn Creek at Hinton, Ga

Location --Lat 34°29', long 84°36', on left bank 100 ft upstream from bridge on State Highway 53, a quarter of a mile west of Hinton, Pickens County, 1 mile upstream from Dean's Mill, and 5 miles upstream from mouth

Drainage area --21.1 sq mi

Records available --April 1939 to December 1942, May 1959 to September 1965 Monthly discharge only For some periods, published in WSP 1304

Gage --Digital water-stage recorder. Altitude of gage is 1.060 ft above mean sea level (from topographic map) Apr 3, 1939, to Dec 31, 1942, graphic water-stage recorder at same site at datum 1.0 ft higher May 14, 1959, to Apr 27, 1965, graphic water-stage recorder at present site and datum

Average discharge --9 years, 27.9 cfs

Extremes --Maximum and minimum discharges for the period May 1959 to September 1965 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1959	Aug 30, 1959	190	2.40	Aug 11, 1959	1.2	-
1960	Sept 27, 1960	740	4.71	Sept 14, 1960	2.0	-
1961	Feb 25, 1961	-	9.08	Sept 30, 1961	2.7	-
1962	Dec 12, 1961	-	9.08	Aug 31, 1962	1.4	-
1963	Mar 5, 1963	-	6.36	Sept 25, 26, 1963	3.5	-
1964	Mar 25, 1964	-	8.60	Sept 27, 1964	4.4	-
1965	May 21, 1965	666	4.11	Sept 9, 1965	4.4	-

a Minimum daily

1939-42, 1959-65 Maximum gage height, 11.2 ft (present datum) Feb 16, 1942 (discharge not determined), minimum discharge, 1.2 cfs Aug 11, 1959

Remarks --Records fair except those for period of doubtful or no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, MAY TO SEPTEMBER 1959												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1								15	39	7.7	2.5	5.6
2								14	26	9.8	2.2	4.9
3								14	20	8.2	2.2	4.0
4								13	17	17	2.2	3.6
5								12	15	8.7	2.2	3.4
6								12	16	7.7	2.0	3.4
7								11	13	7.2	2.7	3.4
8								11	12	5.9	2.7	5.2
9								10	11	5.9	1.7	4.9
10								10	11	5.6	1.5	3.6
11								10	11	6.3	1.2	5.6
12								12	11	5.9	6.8	5.9
13								15	10	5.2	3.2	4.0
14								12	9.8	4.9	2.2	5.2
15								11	9.2	8.3	2.9	5.2
16								10	8.7	9.8	3.2	5.2
17								9.8	8.2	7.2	2.7	4.6
18								9.2	7.7	8.7	8.6	4.0
19								9.8	7.7	6.3	7.2	3.6
20								31	7.2	6.3	6.3	3.2
21								17	7.2	5.6	5.6	2.9
22								17	6.7	5.9	5.2	2.9
23								17	9.2	5.2	4.2	2.9
24								14	24	5.2	3.6	2.9
25								13	23	4.2	3.2	2.7
26								12	15	4.2	2.9	2.5
27								11	12	4.0	2.9	3.4
28								12	9.8	3.4	3.2	3.4
29								14	8.7	3.2	3.2	2.7
30								28	8.2	2.9	2.0	2.5
31								82		2.7	8.2	
TOTAL								488.8	394.3	199.1	139.2	117.3
MEAN								15.8	13.1	6.42	4.49	3.91
MAX								82	39	17	20	5.9
MIN								9.2	6.7	2.7	1.5	2.5
CFSM								.75	.62	.30	.21	19
IN.								.66	.69	.35	.25	.21

2-3820 Scarecorn Creek at Hinton, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1959 TO SEPTEMBER 1960

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.7	6.7	11	11	45	18	22	15	10	5.7	2.9	4.4
2	2.5	6.3	11	12	33	31	20	15	10	5.4	2.9	4.4
3	2.5	5.9	12	27	26	53	62	15	12	5.4	2.7	3.5
4	2.3	5.9	11	20	23	35	57	15	12	6.2	2.7	3.5
5	2.2	20	10	17	30	30	45	14	11	7.7	2.7	3.5
6	4.1	17	14	31	26	29	40	14	10	5.4	3.0	3.2
7	14	11	12	33	23	29	32	27	11	5.4	2.9	2.9
8	4.6	9.2	12	26	20	31	26	26	11	5.4	4.0	2.4
9	20	8.2	11	20	19	36	25	19	9.6	4.2	5.0	2.7
10	7.2	8.2	10	17	34	41	22	17	8.6	6.4	4.2	2.7
11	8.2	7.7	11	16	33	45	21	17	8.6	13	7.3	3.5
12	5.9	7.2	36	14	24	37	20	17	8.6	5.4	9.1	3.2
13	5.2	7.2	24	14	44	36	19	16	8.0	4.7	10	2.4
14	30	6.7	17	14	40	41	18	15	7.5	4.2	8.0	2.0
15	12	7.2	14	19	31	46	17	15	7.0	3.8	5.7	2.2
16	8.7	7.2	14	16	30	74	16	14	7.0	3.5	4.2	2.9
17	9.2	7.2	13	21	29	69	16	14	9.6	3.5	3.2	48
18	8.2	7.2	18	29	48	57	18	12	8.0	3.2	2.7	11
19	6.3	6.7	22	22	44	45	17	12	7.0	3.8	21	6.5
20	5.6	6.7	17	18	35	37	16	12	6.5	4.7	7.0	5.4
21	5.6	6.7	15	16	35	31	35	12	6.1	3.8	5.7	4.7
22	5.9	6.3	13	14	37	30	25	11	5.7	6.9	21	4.4
23	9.8	7.2	12	16	31	29	20	11	6.1	5.4	13	4.7
24	13	9.8	11	14	27	27	18	11	11	4.2	7.5	4.2
25	10	8.7	11	12	29	26	17	10	11	3.5	6.1	3.5
26	8.2	7.7	11	12	24	24	19	11	8.6	2.9	5.0	3.5
27	7.7	12	11	36	22	22	22	13	8.0	8.2	4.7	104
28	6.7	28	15	28	20	21	18	11	7.0	20	4.2	73
29	7.2	15	13	30	20	23	17	11	10	9.1	3.5	18
30	6.7	11	12	51	-----	30	16	12	7.0	5.0	4.2	13
31	7.2	-----	11	85	-----	25	-----	11	-----	4.2	3.8	-----
TOTAL	249.4	281.8	435	711	882	1,108	738	445	263.5	180.2	189.9	353.3
MEAN	8.05	9.39	14.0	22.9	30.4	35.7	24.6	14.4	8.78	5.81	6.13	11.8
MAX	30	28	36	85	74	82	74	27	12	20	21	104
MIN	2.2	5.9	10	11	19	18	16	10	5.7	2.9	2.7	2.0
CFSM	.38	.45	.67	1.09	1.44	1.69	1.17	.68	.42	.28	.29	.56
IN.	.44	.50	.77	1.25	1.55	1.95	1.30	.78	.46	.32	.33	.62
CAL YR 1959: TOTAL	5,837.1			MEAN 15.9	MAX 104	MIN 2.0	CFSM .76	IN 10.29				

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	10	11	9.1	19	9.6	41	54	24	12	15	8.6	7.0
2	8.6	9.6	8.6	15	9.6	35	40	24	13	14	7.5	6.1
3	7.5	7.5	8.4	13	9.6	30	35	20	12	14	7.5	5.4
4	6.5	7.0	8.2	12	9.6	27	31	19	12	13	8.0	5.4
5	10	6.5	8.0	11	9.1	26	29	17	18	12	7.5	5.4
6	27	7.0	8.0	10	9.1	40	27	17	15	11	17	5.7
7	14	7.0	8.0	10	12	87	24	17	14	18	14	6.1
8	11	6.5	8.0	10	16	565	23	17	13	15	11	5.0
9	11	6.5	8.0	9.6	14	87	49	24	12	13	10	4.4
10	10	7.5	14	8.6	12	57	44	21	12	11	10	4.2
11	9.1	8.0	30	8.6	12	46	35	33	11	11	9.1	4.2
12	8.0	7.5	20	8.6	11	39	242	24	11	223	8.0	3.8
13	7.0	7.5	14	8.6	11	49	107	22	15	53	7.5	3.8
14	7.0	7.0	12	12	10	49	64	20	17	30	6.5	4.4
15	6.5	7.0	11	17	9.6	41	49	20	21	35	7.0	5.4
16	6.5	7.0	10	16	9.1	39	42	19	15	36	8.6	4.2
17	6.5	7.5	9.6	14	9.1	42	37	17	13	28	6.5	4.2
18	6.1	7.5	9.2	13	14	62	34	19	12	21	6.5	4.2
19	6.5	7.5	9.0	16	35	36	30	18	11	19	6.1	4.4
20	12	7.0	9.0	16	64	30	30	17	15	17	6.1	5.7
21	7.5	6.5	18	14	612	30	27	15	177	15	6.1	4.4
22	6.5	6.5	16	18	105	27	24	24	42	14	6.5	4.2
23	6.5	21	14	12	237	26	23	23	39	13	8.6	4.2
24	6.1	14	11	11	85	24	23	17	35	12	11	3.8
25	5.7	12	10	10	1,120	23	22	16	26	12	9.1	3.5
26	5.7	11	9.6	12	97	23	26	16	35	11	10	3.5
27	6.1	10	9.1	11	60	24	44	15	29	10	9.6	3.5
28	6.1	9.6	8.6	15	51	28	14	25	11	11	8.0	3.2
29	6.1	10	9.1	10	-----	22	24	14	20	9.6	6.1	3.2
30	5.7	9.1	11	10	-----	22	23	14	17	9.6	6.1	2.9
31	9.4	-----	12	9.6	-----	86	-----	13	-----	9.1	6.1	-----
TOTAL	262.2	259.3	350.5	380.6	2,662.4	1,758	1,290	591	719	735.3	260.2	135.4
MEAN	8.46	8.64	11.3	12.3	95.1	56.7	43.0	19.1	24.0	23.7	8.39	4.51
MAX	27	21	30	19	1,120	565	242	33	177	223	17	7.0
MIN	5.7	6.5	8.0	8.6	9.1	22	22	13	11	9.1	6.1	2.9
CFSM	.40	.41	.54	.58	4.51	2.69	2.04	.90	1.14	1.12	.40	.21
IN.	.46	.46	.62	.67	4.69	3.10	2.27	1.04	1.27	1.30	.46	.24
CAL YR 1960: TOTAL	5,742.9			MEAN 15.7	MAX 104	MIN 2.0	CFSM .74	IN 10.12				
WAT YR 1961: TOTAL	9,403.9			MEAN 25.8	MAX 1,120	MIN 2.9	CFSM 1.22	IN 16.57				

2-3820 Scarecorn Creek at Hinton, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.9	5.7	5.4	27	42	44	74	25	14	8.0	6.5	1.8
2	2.9	6.1	5.4	25	36	39	54	24	14	7.5	5.7	2.0
3	10	6.5	5.4	23	33	34	40	24	14	11	6.1	2.2
4	5.4	8.6	5.4	21	29	31	34	23	15	17	5.7	2.0
5	4.4	7.5	7.0	21	33	28	33	23	15	11	7.5	2.9
6	4.4	8.0	8.6	37	30	25	41	22	17	21	6.5	2.9
7	4.2	7.0	7.0	31	29	25	50	21	15	16	5.4	67
8	3.8	6.1	5.4	25	30	27	41	21	14	12	10	12
9	3.8	5.7	5.0	23	28	44	35	21	13	15	5.7	8.0
10	3.5	6.1	172	21	25	51	36	21	12	11	4.7	7.0
11	3.5	6.1	410	19	25	138	319	20	14	9.6	4.4	7.0
12	3.2	6.1	1,190	19	24	73	236	20	44	9.6	4.4	6.1
13	3.2	6.1	220	26	24	56	93	19	19	9.6	7.6	5.7
14	3.2	7.0	101	19	24	46	71	19	15	8.6	6.5	5.7
15	4.2	6.1	46	26	23	40	62	18	13	8.0	5.0	5.7
16	4.7	12	40	24	23	36	48	17	12	28	4.7	12
17	4.4	7.0	242	22	22	33	41	17	12	13	4.4	20
18	4.4	5.4	394	22	23	30	39	17	12	9.6	3.8	9.1
19	4.4	5.0	105	31	30	30	35	17	11	8.6	3.2	7.0
20	5.0	5.0	46	29	24	30	35	15	12	8.0	3.5	5.7
21	5.4	5.0	36	27	48	40	35	15	12	7.5	3.8	5.0
22	5.0	5.0	31	26	136	31	33	15	11	7.0	4.7	4.7
23	5.0	33	27	45	74	29	35	15	10	6.5	4.2	4.7
24	4.7	18	24	50	182	28	35	14	10	8.0	3.2	4.4
25	4.7	8.6	21	168	74	30	31	14	9.6	9.6	2.4	4.2
26	5.4	7.0	19	118	57	54	30	14	9.1	8.6	2.4	5.0
27	5.4	6.5	29	76	49	36	29	13	12	7.0	2.4	6.5
28	6.1	6.1	36	146	49	33	27	12	11	6.5	2.2	5.0
29	6.1	5.7	26	30	29	30	12	10	10	8.0	2.4	4.4
30	6.1	5.4	23	58	29	27	17	9.1	14	1.6	4.4	4.4
31	6.1	22	49	49	100	16	14	14	1.4	1.4	1.4	1.4
TOTAL	145.5	233.4	3,314.6	1,337	1,226	1,300	1,728	561	410.8	338.8	142.0	240.1
MEAN	4.69	7.78	107	43.1	42.8	41.9	57.6	18.1	13.7	10.9	4.58	8.00
MAX	10	33	1,190	168	182	138	319	25	44	28	10	67
MIN	2.9	5.0	5.0	19	22	25	27	12	9.1	6.5	1.4	1.8
CFSM	.22	.37	5.07	2.04	2.08	1.99	2.73	.86	.65	.52	.22	.38
IN.	.26	.41	5.84	2.36	2.16	2.29	3.05	.99	.72	.60	.25	.42

CAL YR 1961: TOTAL 12,225.4 MEAN 33.5 MAX 1,190 MIN 2.9 CFSM 1.59 IN 21.55
 MAY YR 1962: TOTAL 10,977.2 MEAN 30.1 MAX 1,190 MIN 1.4 CFSM 1.43 IN 19.35

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.2	7.0	14	24	35	30	21	98	15	16	33	5.4
2	6.1	7.0	14	23	48	31	20	52	14	14	19	4.7
3	34	7.5	14	21	100	25	20	35	14	13	17	4.4
4	12	8.0	14	19	63	23	20	29	13	12	15	5.7
5	8.0	8.0	14	19	44	136	19	26	12	10	14	6.1
6	7.5	7.5	14	19	40	289	24	23	12	11	12	5.0
7	6.5	7.5	14	19	36	80	22	21	12	13	10	4.7
8	17	14	14	17	31	55	19	20	13	13	10	4.7
9	10	61	14	16	28	39	19	19	12	11	8.0	4.4
10	8.0	59	12	17	26	33	18	18	11	9.1	6.5	4.2
11	7.5	20	12	36	25	33	18	19	10	8.6	5.7	3.8
12	7.0	26	12	57	27	118	17	18	9.6	8.6	5.4	13
13	7.0	21	12	36	23	105	17	22	9.1	8.0	6.1	10
14	6.5	16	12	27	22	70	17	36	9.1	10	9.1	12
15	6.5	15	12	24	20	48	17	24	8.0	10	7.5	10
16	6.5	13	14	23	20	39	17	22	12	10	6.5	7.0
17	6.5	15	12	21	19	44	16	19	27	10	6.1	6.1
18	6.5	60	12	26	18	39	15	18	14	9.1	5.4	5.7
19	6.5	29	12	201	35	35	15	17	12	8.4	5.4	5.7
20	6.5	24	13	167	24	55	20	17	25	13	5.0	5.0
21	8.5	64	14	74	22	36	17	18	34	16	8.8	5.0
22	4.6	66	17	46	30	15	16	15	27	10	11	5.0
23	7.0	30	14	34	17	28	15	15	26	9.1	7.5	4.4
24	6.5	23	14	27	19	26	14	15	22	8.6	6.1	3.8
25	7.0	19	105	25	19	25	14	15	18	14	5.7	3.5
26	7.0	18	59	24	19	27	14	19	24	16	5.4	3.5
27	7.0	17	35	24	17	25	14	29	25	15	6.5	4.2
28	7.0	17	26	24	15	24	33	26	23	15	6.1	95
29	7.0	16	40	21	24	354	29	24	38	6.5	44	44
30	7.0	15	37	35	23	288	19	20	75	7.5	17	17
31	7.5	28	39	22	22	16	16	61	5.7	5.7	5.7	5.7
TOTAL	261.4	707.5	650	1,184	831	1,617	1,150	769	506.8	495.7	283.5	313.0
MEAN	8.43	23.6	21.0	38.2	29.7	52.2	38.3	24.8	16.9	16.0	9.15	10.4
MAX	34	64	105	201	100	289	354	98	34	75	33	95
MIN	4.2	7.0	12	16	15	22	14	15	8.0	8.0	5.0	3.5
CFSM	.40	1.12	.99	1.81	1.41	2.47	1.82	1.18	.80	.76	.43	.49
IN.	.46	1.25	1.15	2.09	1.46	2.85	2.03	1.36	.89	.87	.50	.55

CAL YR 1962: TOTAL 8,902.6 MEAN 24.4 MAX 319 MIN 1.4 CFSM 1.16 IN 15.69
 MAY YR 1963: TOTAL 8,768.9 MEAN 24.0 MAX 354 MIN 3.5 CFSM 1.14 IN 15.46

2-3820 Searecorn Creek at Hinton, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	11	16	14	64	27	35	48	63	30	14	15	7.0
2	10	13	13	36	24	181	45	253	28	15	12	6.5
3	9.1	9.1	12	29	21	126	45	568	25	14	11	6.5
4	8.6	8.0	12	31	20	90	61	141	24	15	20	6.5
5	8.0	8.6	11	30	26	129	64	89	24	13	17	6.1
6	7.5	9.6	11	31	51	59	245	64	26	12	13	6.1
7	7.0	8.6	11	34	36	45	465	54	24	12	12	5.4
8	7.0	7.5	12	28	29	41	904	51	23	16	11	5.0
9	7.0	7.0	12	96	26	39	237	48	20	15	10	4.7
10	6.5	7.0	11	57	25	47	201	47	19	14	11	4.7
11	6.1	7.0	27	35	25	37	159	44	17	14	17	7.0
12	6.5	7.0	93	30	23	30	95	44	16	30	15	14
13	6.1	7.0	52	30	35	28	172	45	19	22	11	7.5
14	6.1	7.0	40	24	47	430	108	39	17	16	11	7.0
15	6.5	7.0	35	23	56	721	80	37	15	14	12	6.5
16	6.5	7.0	29	21	66	250	66	35	15	23	29	6.5
17	6.5	7.0	25	19	48	95	57	34	14	15	21	5.7
18	6.1	7.0	21	19	144	44	52	33	14	14	15	5.4
19	6.1	7.0	19	19	61	33	51	33	13	14	14	6.1
20	6.1	7.0	16	27	55	33	48	37	14	20	13	6.5
21	6.1	6.5	16	22	39	33	47	35	12	17	12	6.1
22	6.1	6.5	16	20	34	27	45	33	12	15	11	5.7
23	6.1	9.1	17	19	29	27	54	33	13	14	11	5.4
24	6.5	8.0	17	294	28	52	66	33	15	13	11	5.7
25	6.5	7.0	17	641	36	847	103	31	31	13	9.6	5.0
26	6.5	7.5	15	150	39	1,100	80	28	26	12	9.1	4.7
27	7.0	8.6	15	64	35	254	102	27	21	12	8.6	4.4
28	7.0	9.0	15	37	37	216	167	28	15	11	8.0	6.5
29	6.5	54	14	29	35	153	100	33	14	11	8.6	14
30	7.0	22	13	26	-----	84	76	30	13	11	8.6	23
31	7.0	-----	20	27	-----	57	-----	29	-----	20	8.0	-----
TOTAL	216.6	302.6	651	2,012	1,157	5,343	4,043	2,099	569	471	395.5	211.2
MEAN	6.99	10.1	21.0	64.9	39.9	172	135	67.7	19.0	15.2	12.8	7.04
MAX	11	16	93	641	144	1,100	904	568	31	30	29	23
MIN	6.1	6.5	11	19	20	27	45	27	12	11	8.0	4.4
CFSM	.33	.48	1.00	3.08	1.89	8.17	6.39	3.21	.90	.72	.60	.33
IN.	.38	.53	1.15	3.55	2.04	9.42	7.13	3.70	1.00	.83	.70	.37

CAL YR 1963: TOTAL 8,320.2 MEAN 22.8 MAX 354 MIN 3.5 CFSM 1.08 IN 14.66

WAT YR 1964: TOTAL 17,470.9 MEAN 47.7 MAX 1,100 MIN 4.4 CFSM 2.26 IN 30.79

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	13	13	17	19	27	29	45	25	14	14	6.8	6.3
2	10	13	15	25	37	41	23	13	13	6.4	6.6	6.3
3	9.6	13	14	29	27	36	41	22	14	15	6.0	7.3
4	205	13	40	23	25	49	61	21	17	15	5.7	5.9
5	75	13	70	22	24	52	52	20	19	13	11	5.3
6	29	13	30	21	31	47	45	20	16	12	22	5.2
7	19	13	21	19	93	40	39	19	38	12	14	4.9
8	16	13	20	19	63	39	36	19	40	13	13	4.7
9	14	13	19	18	44	36	34	18	21	12	9.8	4.4
10	14	13	18	28	37	33	33	18	18	14	8.5	5.0
11	12	13	18	23	40	30	30	19	21	14	7.5	6.0
12	12	13	35	20	87	48	42	20	22	12	7.0	21
13	12	13	28	18	55	44	35	18	19	11	6.8	11
14	12	13	24	17	40	37	31	17	18	11	6.5	7.6
15	51	13	23	17	33	33	31	16	27	12	6.2	6.6
16	136	13	20	17	30	30	34	16	24	11	6.4	6.3
17	33	13	21	15	37	33	30	16	19	9.7	5.7	6.1
18	22	13	29	15	34	33	28	16	18	9.1	5.7	5.8
19	19	14	24	14	30	29	35	16	16	9.1	5.6	5.8
20	18	16	36	15	27	27	31	18	15	8.6	5.7	5.5
21	17	14	34	16	25	25	27	91	14	8.2	6.1	5.3
22	16	13	27	17	25	24	25	62	13	7.9	5.5	5.0
23	15	14	25	67	24	25	25	26	13	8.4	6.7	12
24	15	25	25	63	38	227	24	21	31	9.0	6.5	11
25	14	70	54	39	71	115	33	19	28	8.6	57	7.3
26	14	40	44	30	44	141	29	18	26	11	13	6.4
27	13	30	44	26	35	95	48	18	18	12	9.1	6.0
28	13	25	31	23	30	70	36	17	16	9.1	8.8	5.3
29	13	20	26	23	-----	84	29	16	15	9.4	8.0	5.7
30	13	19	24	27	-----	68	27	15	15	8.0	6.8	6.7
31	13	-----	22	23	-----	52	-----	14	-----	7.0	6.5	-----
TOTAL	887.6	534	878	748	1,111	1,668	1,057	694	598	339.1	300.3	207.5
MEAN	28.6	17.8	28.3	24.1	39.7	53.8	35.2	22.4	19.9	10.9	9.69	6.92
MAX	205	70	70	67	93	227	61	91	40	15	57	21
MIN	9.6	13	14	14	14	24	24	14	13	7.0	5.5	4.4
CFSM	1.36	.84	1.34	1.14	1.88	2.55	1.67	1.06	.94	.52	.46	.33
IN.	1.56	.94	1.55	1.32	1.96	2.94	1.86	1.22	1.05	.60	.53	.37

CAL YR 1964: TOTAL 18,600.3 MEAN 50.8 MAX 1,100 MIN 4.4 CFSM 2.41 IN 32.78

WAT YR 1965: TOTAL 9,022.5 MEAN 24.7 MAX 227 MIN 4.4 CFSM 1.17 IN 15.90

Note --Doubtful or no gage-height record Oct 16 to Dec 7

2-3823 Talking Rock Creek near Carters, Ga

Location --Lat 34°35'20", long 84°40'05", near center of channel on downstream side of pier of bridge on State Highway 156, 2 1 miles upstream from mouth, and 2½ miles southeast of Carters, Murray County

Drainage area --142 sq mi

Records available --Occasional low-flow measurements 1930, 1955, 1959, 1961, 1963 October 1963 to September 1965

Gage --Water-stage recorder Datum of gage is 667 67 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 Water-stage recorder for station on Coosawatee River at Carters is used as an auxiliary gage for this station

Extremes --1963-64 Maximum gage height during water year, 17.98 ft Mar 26 (discharge not determined), minimum daily discharge, 50 cfs Oct 29-31, Sept 24-26
1964-65 Maximum gage height during water year, 14.60 ft Oct 4 (discharge not determined), minimum daily discharge, 42 cfs Aug 17

Cooperation --Gage height record, 40 discharge measurements and computation of daily discharge furnished by Corps of Engineers, records reviewed by Geological Survey

Low-flow discharge measurements, in cubic feet per second, water years 1961 and 1963

Sept 26, 1961 39 5 Oct 18, 1962 76 2 Sept 19, 1963 67 1

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	109	71	125	800	244	223	460	443	223	123	152	84
2	90	120	112	350	213	692	433	765	220	130	107	84
3	86	72	132	270	197	998	422	3,160	208	130	109	82
4	80	63	117	270	186	490	425	1,020	199	177	130	80
5	72	66	107	270	189	883	416	698	194	130	163	79
6	71	73	98	290	310	469	1,200	511	192	125	114	78
7	69	69	95	290	230	382	1,260	438	189	125	112	77
8	67	63	107	260	208	349	3,180	407	184	130	112	76
9	67	63	112	900	192	327	1,160	395	181	146	111	76
10	66	65	99	600	183	345	1,040	387	173	141	111	75
11	63	60	138	380	181	302	802	373	165	135	122	80
12	63	58	589	320	171	281	604	375	157	168	125	110
13	63	57	240	300	209	245	1,110	361	171	173	106	85
14	60	57	220	270	357	1,020	1,060	352	151	139	104	74
15	58	57	197	230	324	4,800	716	335	139	136	106	70
16	57	58	160	175	542	1,180	562	326	138	141	184	68
17	58	58	139	160	382	716	477	321	156	138	230	66
18	57	58	127	154	852	482	439	317	135	168	159	64
19	57	58	123	143	738	405	412	306	135	130	140	62
20	58	58	127	230	419	398	399	296	131	141	130	65
21	57	63	128	250	337	391	393	288	120	155	130	62
22	56	66	122	200	301	362	382	283	117	136	120	58
23	54	80	133	154	254	340	382	276	120	128	110	54
24	56	95	138	648	233	324	463	274	128	136	110	50
25	56	75	125	4,200	268	2,080	602	254	144	133	100	50
26	56	71	120	831	296	6,220	522	240	157	125	96	50
27	56	90	117	443	242	1,400	626	232	162	115	92	70
28	52	90	117	353	244	984	898	232	139	112	100	95
29	50	330	109	299	237	772	934	232	135	111	94	184
30	50	189	103	253	-----	616	573	230	128	117	90	141
31	50	-----	127	238	-----	505	-----	225	-----	114	80	-----
TOTAL	1,964	2,453	4,504	14,531	8,719	28,981	22,352	14,352	4,771	4,188	3,749	2,349
MEAN	63.4	81.8	145	469	301	935	745	465	159	135	121	78.3
MAX	109	330	589	4,200	852	6,220	3,180	3,160	223	173	230	184
MIN	50	57	95	143	171	223	382	225	117	111	80	50
CFSM	.45	.58	1.02	3.30	2.12	6.58	5.25	3.26	1.12	.95	.85	.55
IN.	.51	.64	1.18	3.81	2.28	7.59	5.85	3.76	1.25	1.10	.98	.62

CAL YR 1963: TOTAL	MEAN	MAX	MIN	CFSM	IN
MAY YR 1964: TOTAL 112,913	MEAN 309	MAX 6,220	MIN 50	CFSM 2.17	IN 29.57

Note --Doubtful or no gage-height record July 25 to Sept 30

2-3823 Talking Rock Creek near Carters, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	125	78	98	148	156	208	500	240	134	62	82	62
2	82	74	102	144	279	491	424	220	131	55	78	62
3	86	78	98	202	202	249	382	208	129	82	78	66
4	1,680	78	313	160	182	502	480	206	126	118	74	66
5	1,440	74	234	150	168	342	464	196	127	78	78	62
6	321	78	158	144	176	318	400	194	121	70	161	58
7	182	78	129	138	611	276	363	192	149	82	162	55
8	133	82	121	128	476	261	342	182	300	115	200	52
9	106	86	94	127	333	246	321	178	142	127	122	52
10	70	78	86	185	288	228	294	178	128	127	113	50
11	70	78	90	190	330	214	282	176	134	136	82	50
12	66	78	186	170	651	298	328	178	178	122	94	89
13	78	78	178	160	496	318	298	162	194	115	106	98
14	82	78	140	152	348	279	264	158	148	115	62	62
15	115	78	125	142	288	252	270	162	164	120	48	66
16	944	78	117	144	240	225	526	160	162	116	46	66
17	342	78	117	136	268	231	345	156	131	116	42	66
18	182	86	168	133	249	277	297	158	123	113	46	62
19	130	102	144	128	216	228	322	156	119	116	52	66
20	119	102	232	125	196	212	321	160	118	119	52	58
21	119	86	279	125	188	200	273	266	118	119	62	52
22	98	74	210	123	176	194	261	671	116	118	62	52
23	90	74	178	333	166	192	243	208	116	117	70	55
24	86	81	158	473	179	1,870	231	174	147	118	66	120
25	82	642	387	288	470	1,590	272	164	212	120	216	58
26	82	267	324	218	303	1,510	255	154	202	132	153	52
27	82	158	343	178	279	1,130	639	148	129	152	78	50
28	82	131	255	158	212	716	399	144	102	127	119	50
29	90	122	204	148	-----	1,040	300	140	82	122	66	50
30	86	116	180	171	-----	988	258	136	86	118	66	55
31	82	-----	164	164	-----	640	-----	136	-----	98	62	-----
TOTAL	7,332	3,371	5,614	5,385	8,126	15,725	10,354	5,961	4,268	3,445	2,798	1,862
MEAN	237	112	181	174	290	507	345	192	142	111	90.3	62.1
MAX	1,680	642	387	473	651	1,870	639	671	300	152	216	120
MIN	66	74	86	123	156	192	231	136	82	55	42	50
CFSM	1.67	.79	1.28	1.22	2.04	3.57	2.43	1.35	1.00	.78	.64	.44
IN.	1.92	.88	1.47	1.41	2.13	4.12	2.71	1.56	1.12	.90	.73	.49

CAL YR 1964: TOTAL 120,309 MEAN 329 MAX 6,220 MIN 50 CFSM 2.21 IN 24.21
 MAY YR 1965: TOTAL 74,241 MEAN 203 MAX 1,870 MIN 42 CFSM 1.43 IN 19.21

2-3825 Coosawattee River at Carters, Ga

Location --Lat 34°36'15", long 84°41'25", on downstream side of left bank pier of bridge on U S Highway 411 at Carters, Murray County, 200 ft upstream from Louisville & Nashville Railroad bridge, and 0.6 mile downstream from Talking Rock Creek

Drainage area --531 sq mi

Records available --August 1896 to December 1908, October 1918 to September 1923, October 1961 to September 1965 Monthly discharge only for some periods published in WSP 1304

Gage --Water-stage recorder Datum of gage is 650.67 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers) Prior to September 1923, chain gage at site 2,000 ft upstream at datum 2.00 ft higher

Average discharge --21 years, 1,287 cfs

Extremes --Maximum and minimum discharges for the water years 1962-65 are contained in the following table

Water year	Maximum			Minimum daily		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1962	Dec 12, 1961	25,200	28.4	Sept 25, 1962	295	-
1963	Mar 6, 1963	22,600	27.8	Sept 25, 27, 1963	302	-
1964	Mar 26, 1964	25,800	28.1	Sept 26, 1964	304	-
1965	Oct 5, 1964	24,100	27.5	Sept 22, 1965	540	-

1896-1908, 1918-23, 1961-65 Maximum discharge observed, 28,500 cfs Nov 19, 1906 (gage height, 30.6 ft, present datum), minimum discharge observed, 184 cfs several days during September to November 1904

Flood of Mar 29 or 30, 1951 reached a stage of about 36 ft, from floodmarks (discharge, 57,000 cfs from rating curve extended above 24,000 cfs by logarithmic plotting)

Cooperation --Gage-height record, 68 discharge measurements, and computations of daily discharge furnished by Corps of Engineers, records reviewed by Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	330	340	392	1,470	2,520	2,590	3,390	1,790	1,050	689	538	322
2	330	340	389	1,470	2,290	2,310	2,440	1,740	1,070	665	517	322
3	550	340	389	1,320	2,110	2,160	2,120	1,650	1,020	761	599	318
4	1,000	400	377	1,280	1,970	2,050	1,950	1,600	996	1,220	557	328
5	500	450	408	1,260	1,940	1,990	1,880	1,590	1,130	845	527	346
6	450	400	454	1,930	1,870	1,890	2,120	1,550	1,110	1,260	599	334
7	400	450	461	1,960	1,710	1,810	2,580	1,490	1,020	1,230	874	1,180
8	400	377	396	1,640	1,680	1,750	2,260	1,450	1,030	1,260	1,250	654
9	380	355	392	1,440	1,750	2,190	2,050	1,450	895	1,590	708	431
10	380	355	3,070	1,390	1,640	2,140	1,920	1,390	840	979	561	371
11	370	355	2,510	1,220	1,540	3,900	8,980	1,370	849	815	520	402
12	360	358	19,200	1,200	1,510	3,210	12,200	1,340	1,960	1,060	495	340
13	360	355	8,610	1,180	1,480	2,610	7,210	1,300	1,940	1,000	520	312
14	360	370	3,540	1,140	1,430	2,270	4,380	1,260	1,200	771	546	380
15	350	435	2,170	1,330	1,390	2,100	3,480	1,230	996	700	499	337
16	350	678	1,820	1,310	1,410	1,970	3,020	1,210	903	858	485	407
17	350	700	4,560	1,170	1,360	1,860	2,740	1,180	845	771	461	1,380
18	350	465	14,300	1,130	1,320	1,780	2,570	1,170	811	685	448	550
19	350	421	6,700	1,290	1,750	1,760	2,440	1,150	778	622	421	392
20	350	396	3,280	1,240	1,520	1,770	2,330	1,130	861	584	408	349
21	360	377	2,400	1,160	1,810	2,460	2,220	1,090	874	568	418	320
22	360	370	1,970	1,130	4,450	2,080	2,130	1,060	755	546	485	312
23	350	734	1,800	1,500	3,200	1,870	2,130	1,060	739	524	454	310
24	340	1,140	1,630	1,960	4,690	1,780	2,110	1,030	716	1,010	431	305
25	330	634	1,460	4,560	3,540	1,760	2,020	1,100	693	987	399	295
26	330	499	1,340	6,930	3,720	2,280	2,070	1,020	771	751	389	328
27	330	461	1,500	6,800	2,940	1,960	1,940	1,000	1,220	630	377	444
28	320	441	2,260	7,180	2,760	1,820	1,890	962	1,140	595	361	358
29	320	408	1,700	5,690	-----	1,730	1,900	920	811	622	349	318
30	330	396	1,480	3,680	-----	1,700	1,830	1,610	728	607	340	310
31	340	-----	1,390	2,890	-----	2,880	-----	1,160	-----	634	328	-----
TOTAL	11,980	13,800	92,348	70,850	61,300	66,430	92,300	40,052	29,751	25,839	15,864	12,755
MEAN	386	460	2,979	2,285	2,189	2,143	3,077	1,292	992	834	512	425
MAX	1,000	1,140	19,200	7,180	4,690	3,900	12,200	1,790	1,960	1,590	1,250	1,380
MIN	320	340	377	1,130	1,320	1,700	1,830	920	693	524	328	295
CFSM	.73	.87	5.61	4.30	4.12	4.04	5.79	2.43	1.87	1.57	.96	.80
IN.	.84	.97	6.47	4.96	4.29	4.65	6.46	2.81	2.08	1.81	1.11	.89

CAL YR 1961: TOTAL MEAN 1,461 MAX 19,200 MIN 295 CFSM 2.75 IN 37.35
 MAY YR 1962: TOTAL 533,269 MEAN 1,461 MAX 19,200 MIN 295 CFSM 2.75 IN 37.35

Note --No gage-height record Oct 1 to Nov 7

2-3825 Coosawattee River at Carters, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	311	349	648	880	1,390	958	1,420	5,220	1,140	2,000	940	450
2	360	335	620	796	1,340	1,300	1,390	3,210	1,090	1,580	804	430
3	4,020	335	596	732	2,640	984	1,360	2,490	1,060	1,390	712	420
4	1,600	335	600	688	2,050	952	1,330	2,150	1,040	1,220	692	550
5	720	332	600	652	1,630	2,970	1,290	1,980	1,020	1,110	676	723
6	548	326	620	628	1,430	16,100	1,420	1,820	988	1,290	700	520
7	485	326	570	616	1,310	4,560	1,620	1,700	968	1,470	632	480
8	656	394	592	600	1,210	2,680	1,410	1,610	968	1,030	616	450
9	616	1,670	580	577	1,110	2,100	1,340	1,540	968	1,060	592	420
10	478	2,020	534	580	1,050	1,850	1,300	1,470	908	972	580	400
11	440	1,050	524	728	1,030	2,400	1,250	1,600	884	912	573	390
12	419	880	503	1,790	1,080	5,120	1,220	1,450	840	880	566	380
13	405	1,030	500	1,250	1,000	6,590	1,180	1,400	816	848	570	530
14	394	756	500	1,030	952	3,650	1,150	1,780	840	1,080	672	610
15	384	648	500	896	908	2,780	1,130	1,480	792	1,010	560	590
16	374	584	534	816	864	2,350	1,100	1,370	972	1,000	540	450
17	370	668	545	768	848	3,240	1,090	1,330	1,640	1,100	530	412
18	360	2,370	492	680	832	2,780	1,070	1,460	1,130	1,000	520	394
19	349	1,660	482	1,740	1,160	2,390	1,060	1,290	984	976	515	388
20	342	1,170	482	4,740	1,150	3,190	1,110	1,230	1,260	1,050	510	363
21	384	1,510	489	2,250	1,000	2,400	1,050	1,210	2,300	1,500	535	352
22	559	2,550	576	1,580	904	2,090	1,020	1,170	1,470	1,040	616	338
23	408	1,670	556	1,410	868	1,920	992	1,420	920	920	550	332
24	360	1,220	510	1,260	880	1,800	1,090	1,330	928	500	311	
25	349	1,020	1,100	1,080	852	1,730	936	1,110	1,180	1,000	480	302
26	349	888	1,270	1,060	836	1,880	936	1,300	1,350	1,040	470	305
27	346	808	888	1,120	792	1,750	912	2,180	1,660	904	520	302
28	346	768	748	954	792	1,630	1,240	1,870	1,720	860	500	1,420
29	346	768	1,050	924	-----	1,560	5,130	1,620	2,120	1,000	490	2,030
30	342	700	1,380	1,280	-----	1,490	15,200	1,360	3,620	1,010	560	814
31	356	-----	1,050	1,630	-----	1,460	-----	1,220	-----	1,180	500	-----
TOTAL	17,776	29,140	20,639	35,737	31,908	88,654	53,596	52,850	38,478	34,360	18,221	15,854
MEAN	573	971	666	1,133	1,148	2,860	1,707	1,704	1,283	1,108	568	492
MAX	4,020	2,550	1,380	4,740	2,640	16,100	15,200	5,220	3,620	2,000	940	2,030
MIN	311	326	482	577	792	952	912	1,090	792	848	470	302
CFSM	1.08	1.83	1.25	2.17	2.15	5.39	3.36	3.21	2.42	2.09	1.11	1.00
IN.	1.24	2.04	1.45	2.50	2.23	6.21	3.75	3.70	2.69	2.41	1.28	1.11
CAL YR 1962: TOTAL	482,696			MEAN 1,322		MAX 12,200	MIN 295	CFSM 2.49	IN 33.81			
WAT YR 1963: TOTAL	437,195			MEAN 1,198		MAX 16,100	MIN 302	CFSM 2.26	IN 30.62			

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	557	421	674	1,930	1,310	1,220	2,700	2,470	1,270	671	766	454
2	484	605	570	1,170	1,160	2,220	2,550	3,280	1,260	710	624	436
3	466	427	612	938	1,060	4,230	2,400	9,420	1,190	769	576	427
4	451	391	538	944	1,020	2,410	2,490	4,650	1,150	934	769	427
5	436	406	490	1,010	1,040	3,410	2,310	3,240	1,110	740	930	421
6	421	512	463	960	1,560	2,460	4,510	2,800	1,110	654	750	418
7	412	451	448	1,250	1,310	2,020	4,610	2,510	1,110	631	637	394
8	409	406	481	1,120	1,170	1,860	9,010	2,400	1,080	764	576	391
9	400	388	538	3,000	1,180	1,720	6,020	2,270	1,050	929	548	388
10	397	385	457	2,260	1,030	1,830	4,210	2,200	1,010	788	541	376
11	388	376	612	1,420	1,040	1,590	3,350	2,090	997	858	728	367
12	394	367	2,990	1,240	962	1,490	3,010	2,220	962	922	863	481
13	394	358	1,370	1,220	1,120	1,390	4,050	2,130	1,010	1,170	640	424
14	385	358	1,130	1,050	1,800	3,430	4,410	1,920	944	868	548	391
15	382	361	962	948	1,570	19,500	3,390	1,860	944	713	570	391
16	373	355	784	908	2,780	8,400	2,970	1,770	972	728	1,630	385
17	370	355	682	856	1,880	4,990	2,740	1,720	860	710	2,000	361
18	367	355	631	828	2,960	3,530	2,570	1,660	860	811	1,030	361
19	364	355	592	772	3,080	2,910	2,460	1,590	840	692	796	364
20	364	355	637	1,010	2,170	2,840	2,340	1,550	816	837	678	391
21	361	355	647	1,020	1,760	2,670	2,240	1,520	784	938	637	385
22	355	358	908	1,560	1,400	2,460	2,160	1,320	768	660	680	361
23	358	418	750	836	1,410	2,200	2,190	1,450	740	731	605	361
24	361	509	713	1,690	1,320	2,040	2,470	1,450	780	969	580	340
25	361	394	608	12,300	1,400	4,760	2,540	1,390	820	1,060	538	328
26	361	388	605	5,220	1,440	21,300	2,590	1,340	900	950	512	304
27	361	448	592	2,470	1,300	8,380	3,100	1,320	892	713	512	307
28	355	448	576	1,780	1,330	5,380	3,480	1,340	756	657	554	336
29	346	2,010	544	1,480	1,290	4,090	3,570	1,320	702	637	519	1,010
30	340	1,160	519	1,350	-----	3,350	2,800	1,300	664	657	509	1,140
31	346	-----	563	1,270	-----	2,900	-----	1,260	-----	643	481	-----
TOTAL	12,119	14,475	22,618	55,154	44,012	132,920	99,140	68,960	28,351	24,602	22,252	12,920
MEAN	391	463	723	1,779	1,518	4,288	3,305	2,225	945	794	718	431
MAX	557	2,010	2,990	12,300	3,080	21,300	9,010	9,420	1,270	1,170	2,000	1,140
MIN	340	355	448	772	962	1,220	2,100	1,260	664	631	481	304
CFSM	.76	.91	1.36	3.35	2.86	8.07	6.22	4.19	1.78	1.49	1.35	.81
IN.	.85	1.01	1.57	3.86	3.08	9.31	6.94	4.83	1.99	1.72	1.56	.90
CAL YR 1963: TOTAL	419,552			MEAN 1,147		MAX 16,100	MIN 302	CFSM 2.16	IN 37.22			
WAT YR 1964: TOTAL	537,525			MEAN 1,468		MAX 21,300	MIN 304					

MOBILE RIVER BASIN

2-3825 Coosawattee River at Carters, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

MONTHLY MEAN TEMPERATURES FOR THE SEASON 1964 TO SEPTEMBER 1965													
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
1	927	637	796	1,030	1,000	1,320	2,680	1,260	724	732	541	397	
2	583	628	772	1,030	1,350	1,670	2,840	1,210	717	678	522	409	
3	503	628	756	1,230	1,140	1,800	2,150	1,180	740	776	506	415	
4	9,310	621	1,580	1,080	1,070	2,000	2,480	1,140	796	872	487	406	
5	13,100	615	1,460	1,020	1,020	2,100	2,330	1,110	832	732	481	379	
6	3,080	605	1,130	983	1,040	1,900	2,080	1,100	760	681	657	370	
7	1,520	602	993	944	2,650	1,700	1,960	1,060	880	647	1,250	436	
8	1,200	628	920	916	2,520	1,600	1,840	1,040	1,370	645	1,380	373	
9	1,040	628	848	892	1,850	1,510	1,780	1,010	1,180	650	760	349	
10	938	599	804	1,780	1,620	1,430	1,670	990	908	660	612	349	
11	848	589	780	1,720	2,250	1,370	1,400	976	896	700	532	382	
12	784	583	1,270	1,310	2,980	1,610	1,660	1,010	1,070	640	490	835	
13	748	583	1,220	1,170	2,600	1,640	1,550	952	1,050	670	472	904	
14	713	576	1,040	1,100	2,020	1,480	1,440	920	892	600	451	560	
15	767	567	934	1,030	1,740	1,400	1,450	888	993	640	442	478	
16	2,360	564	872	1,040	1,550	1,330	2,090	872	1,060	580	421	445	
17	1,420	564	860	983	1,530	1,350	1,600	856	972	520	415	442	
18	1,050	596	1,160	934	1,440	1,580	1,460	856	900	500	400	490	
19	930	788	1,030	916	1,350	1,370	1,610	844	808	500	388	415	
20	832	952	1,500	904	1,270	1,300	1,560	876	764	480	415	385	
21	788	804	1,650	904	1,240	1,230	1,410	1,230	736	500	445	355	
22	752	648	1,320	884	1,200	1,200	1,350	2,070	702	470	427	340	
23	732	634	1,160	1,290	1,160	1,200	1,300	1,100	688	460	421	385	
24	694	647	1,080	1,970	1,220	3,680	1,260	1,000	720	480	424	650	
25	681	2,830	1,560	1,400	2,400	5,040	1,410	941	1,980	540	618	685	
26	671	1,770	1,410	1,220	1,680	7,560	1,370	923	2,240	660	647	445	
27	657	1,190	1,580	1,120	1,480	6,890	1,940	880	792	960	541	400	
28	660	1,040	1,340	1,040	1,390	3,720	1,640	856	748	840	695	370	
29	748	952	1,190	1,010	-----	4,660	1,410	832	724	710	496	355	
30	681	864	1,120	1,080	-----	4,910	1,320	772	760	647	430	370	
31	653	-----	1,110	1,040	-----	3,280	-----	740	-----	583	403	-----	
TOTAL	50,372	23,952	35,245	34,970	45,760	74,830	52,240	31,494	26,420	19,703	17,169	13,574	
MEAN	1,625	798	1,137	1,128	1,434	2,414	1,741	1,016	881	636	554	452	
MAX	13,100	2,830	1,650	1,970	2,980	7,560	2,840	2,070	1,710	960	1,380	904	
MIN	503	564	756	884	1,000	1,200	1,260	740	688	460	388	340	
CFSM	3.06	1.50	2.14	2.12	3.08	4.95	3.28	1.91	1.66	1.20	1.04	.85	
IN.	3.53	1.68	2.47	2.45	3.20	5.24	3.66	2.21	1.85	1.38	1.20	.95	
CAL YR	1964	TOTAL	597,880	MEAN	1,634	MAX	21,300	MIN	304	CFSM	3.08	IN	41.87
YR	1965	TOTAL	425,729	MEAN	1,166	MAX	13,100	MIN	340	CFSM	2.20	IN	29.82

2-3830 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, 2½ miles upstream from mouth, and 7 miles southwest of Fairmount, Gordon County

Drainage area --5 61 sq mi

Records available --October 1951 to September 1965 Prior to October 1952, published as "Rocky Branch near Fairmount"

Gage --Digital water-stage recorder Datum of gage is 758.96 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 Prior to May 25, 1965, graphic water-stage recorder at same site and datum

Average discharge --14 years, 6.92 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (200 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	0700	490	3 51	Jan 28, 1962	0700	258	2 85	Jan 24, 1964	2400	945	4 43
Feb 23, 1961	0500	239	2 78	Apr 12, 1962	1000	271	2 90	Mar 2, 1964	1800	287	2 92
Feb 25, 1961	0800	* 755	4 01					Mar 14, 1964	2400	487	3 47
Mar 8, 1961	0900	288	2 96	Jan 19, 1963	2000	356	3 17	Mar 25, 1964	2100	* 971	4 33
				Mar 6, 1963	0100	462	3 45	Apr 8, 1964	0500	565	3 63
Dec 10, 1961	1000	530	3 60	Mar 12, 1963	1600	201	2 62	May 3, 1964	0100	665	3 83
Dec 12, 1961	0100	* 855	4 25	Apr 29, 1963	2100	* 580	3 70				
Dec 17, 1961	1600	421	3 35	July 30, 1963	1700	244	2 80	Mar 24, 1965	1245	* 310	3 14

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 25, 26, 1961	0 56	1964	Sept 24, 1964	0 54
1962	Aug 30, 31, 1962	42	1965	Sept 8, 1965	84
1963	Many days	a 60			

a Minimum daily

1951-65 Maximum discharge, 971 cfs Mar 25, 1964, from rating curve extended above 350 cfs, maximum gage height, 4.43 ft Jan 24, 1964, minimum discharge, 0.10 cfs Sept 7, 8, 1957

Remarks --Records fair except those for periods of no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.7	1.8	1.3	3.7	1.9	11	16	6.0	2.2	3.9	2.1	1.5
2	1.1	1.3	1.2	3.0	1.8	8.6	9.9	5.7	2.2	3.5	2.0	1.2
3	.96	1.2	1.2	2.6	1.7	7.3	7.8	4.8	2.0	3.5	1.9	1.1
4	.86	1.1	1.2	2.3	1.6	6.5	6.8	4.6	2.3	3.3	1.8	1.1
5	2.3	1.1	1.2	2.2	1.6	6.0	5.7	4.2	3.0	2.9	1.7	.96
6	6.0	1.1	1.2	2.2	1.6	8.9	5.2	4.2	2.9	2.7	2.0	1.1
7	2.5	1.1	1.2	2.0	3.6	26	5.0	4.1	2.5	10	2.5	1.2
8	3.0	1.1	1.2	1.9	4.8	99	4.8	3.7	2.2	5.4	3.0	.96
9	3.3	1.1	1.2	1.9	4.1	24	9.1	5.0	2.2	3.9	2.2	.86
10	2.3	1.1	1.2	1.7	3.5	14	6.5	4.1	2.2	3.2	3.0	.86
11	1.8	1.1	5.4	1.7	3.3	11	5.5	7.2	2.0	3.0	2.0	.96
12	1.6	.96	3.2	1.7	3.0	9.1	60	4.8	2.0	6.9	1.7	.86
13	1.5	.96	2.3	1.6	2.9	12	20	4.2	1.9	5.0	1.5	.78
14	1.4	.96	2.0	2.5	2.7	9.9	12	3.9	1.9	3.9	1.3	.86
15	1.4	.96	1.9	2.9	2.6	7.8	9.9	3.7	2.9	4.2	1.1	.96
16	1.2	.96	1.7	2.9	2.5	7.3	8.2	3.5	2.5	5.8	1.3	.78
17	1.1	1.1	1.7	2.7	2.3	6.5	6.8	3.2	2.2	4.2	1.0	.78
18	1.1	1.3	1.6	2.6	4.5	7.8	6.2	3.3	2.2	3.5	.90	.70
19	1.2	1.3	1.5	3.0	26	7.0	5.5	3.3	2.1	3.3	.90	.86
20	1.5	1.3	1.5	3.3	25	6.2	5.2	3.0	2.0	3.0	.90	.96
21	1.3	1.3	3.2	2.9	216	7.0	4.8	2.9	60	2.9	.90	.86
22	1.2	1.3	2.3	2.5	44	6.5	4.8	4.4	12	3.0	1.0	.70
23	1.1	3.2	2.0	2.5	91	5.7	4.6	4.3	14	3.5	1.4	.70
24	1.1	2.2	1.9	2.3	30	5.7	4.4	3.2	9.6	3.8	1.5	.70
25	1.1	1.8	1.8	2.0	272	5.2	4.2	3.2	5.7	4.2	1.2	.62
26	1.1	1.2	1.7	2.5	33	5.0	5.5	3.3	13	3.5	1.4	.62
27	1.1	.96	1.7	2.5	18	4.8	14	3.0	9.5	3.0	1.6	.62
28	1.1	.96	1.5	2.5	14	4.8	8.2	2.7	6.5	2.7	1.2	.70
29	1.1	.96	1.3	2.2	-----	4.6	6.8	2.6	5.2	2.5	1.1	.70
30	1.1	1.4	1.5	2.1	-----	4.2	5.7	2.8	4.4	2.3	1.0	.70
31	2.6	-----	2.0	2.0	-----	34	-----	2.3	-----	2.2	1.5	-----
TOTAL	51.72	38.18	55.8	74.4	819.0	383.4	279.1	120.9	185.3	118.7	48.60	26.26
MEAN	1.67	1.27	1.80	2.40	29.3	12.4	9.30	3.90	6.18	3.83	1.57	.88
MAX	6.0	3.2	5.4	3.7	272	99	60	7.2	60	10	3.0	1.5
MIN	.86	.96	1.2	1.6	1.6	4.2	4.2	2.3	1.9	2.2	.90	.62
CFSM	.30	.23	.32	.43	5.21	2.20	1.66	.70	1.10	.68	.28	.16
IN.	.34	.25	.37	.49	5.43	2.54	1.85	.80	1.23	.79	.32	.17

CAL YR 1960: TOTAL 1,762.34 MEAN 4.82 MAX 61 MIN .42 CFSM .86 IN 11.68
WAT YR 1961: TOTAL 2,201.36 MEAN 6.03 MAX 272 MIN .62 CFSM 1.08 IN 14.59

Note --No gage-height record July 21 to Aug 30

2-3830 Rock Creek near Fairmount, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.78	.96	1.4	11	13	14	12	5.8	4.1	1.9	1.1	.94
2	.78	1.2	1.4	9.0	11	13	9.8	5.6	3.7	1.7	1.0	.94
3	2.1	1.4	1.4	7.7	9.8	11	8.4	5.4	3.4	2.1	.90	.94
4	.86	1.6	1.4	7.1	9.0	11	7.7	5.2	3.2	3.0	1.0	.94
5	.62	1.5	1.5	6.8	8.7	10	7.7	5.0	3.4	2.3	.90	.94
6	.62	2.0	1.7	14	8.0	9.4	9.8	5.2	3.4	3.2	.82	.96
7	.62	1.4	1.8	10	7.1	9.0	9.8	4.8	3.4	3.0	.90	.76
8	.62	1.5	1.6	8.7	7.1	8.4	8.7	4.5	3.4	2.2	1.5	1.2
9	.62	1.2	1.8	7.4	7.4	16	7.7	4.3	3.0	2.1	1.0	1.0
10	.56	1.3	.99	6.8	6.8	25	7.1	4.3	2.8	1.8	1.0	.80
11	.56	1.3	147	6.1	6.1	78	78	4.3	2.6	1.7	.90	.70
12	.56	1.4	319	5.8	5.8	27	131	4.1	9.9	4.7	.82	.68
13	.56	1.4	45	5.4	5.4	16	36	4.1	4.1	2.2	.74	.66
14	.62	1.8	18	5.6	5.6	13	20	3.9	3.4	1.8	.82	.82
15	.70	1.7	12	9.7	5.4	11	20	3.7	3.1	1.7	.82	.82
16	.62	2.0	14	7.4	5.6	9.8	14	5.8	2.8	2.0	.74	2.2
17	.62	1.3	147	6.8	5.4	13	13	4.8	2.6	1.6	.66	1.5
18	.70	1.1	163	6.1	6.3	8.4	11	3.7	2.5	1.6	.66	1.0
19	.70	.96	30	19	9.0	8.0	10	3.4	2.4	1.4	.98	.88
20	.78	.90	16	13	6.4	8.0	9.4	3.1	3.2	1.4	.82	.84
21	.86	.85	12	11	19	9.8	8.7	3.1	3.0	1.2	1.1	.82
22	.86	.86	9.4	9.4	91	7.7	8.0	3.0	2.7	1.1	1.2	.84
23	.86	5.2	9.0	16	28	7.4	7.7	3.0	5.0	1.1	.90	.84
24	.86	3.0	7.4	14	72	6.8	7.7	2.8	3.0	1.3	.90	.90
25	.86	1.8	6.4	46	30	8.0	7.4	2.6	2.6	1.7	.82	1.0
26	.86	1.7	5.8	34	22	11	7.1	2.6	2.1	1.4	.74	1.3
27	.86	1.7	10	28	17	8.0	6.8	2.5	2.7	1.1	.66	1.0
28	.96	1.6	12	110	18	7.1	6.4	2.4	2.5	1.2	.66	.90
29	.96	1.5	8.7	31	-----	6.8	7.1	2.4	2.3	1.5	.94	.86
30	.96	1.5	7.4	20	6.4	6.4	16	2.1	1.4	1.4	.94	.84
31	.96	7.1	15	-----	-----	19	-----	4.3	-----	1.4	.94	-----
TOTAL	24.46	47.43	1,119.2	507.8	446.3	412.7	504.4	135.7	98.4	57.8	26.68	26.42
MEAN	.79	1.58	36.1	16.4	15.9	13.3	16.8	4.38	3.28	1.86	.86	.88
MAX	2.1	5.2	319	110	91	78	131	9.9	9.9	4.7	1.5	2.2
MIN	.56	.85	1.4	5.4	5.4	6.4	4.1	2.4	2.1	1.1	.94	.94
CFSM	.14	.28	6.44	2.92	2.84	2.37	3.00	.78	.58	.33	.15	.16
IN.	.16	.31	7.42	3.37	2.96	2.74	3.34	.90	.65	.38	.18	.18
CAL YR 1961: TOTAL	3,246.75											
MEAN	8.90											
MAX	319											
MIN	.56											
CFSM	1.59											
IN	22.52											
WAT YR 1962: TOTAL	3,407.29											
MEAN	9.34											
MAX	319											
MIN	.54											
CFSM	1.66											
IN	22.52											

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.80	.80	2.5	5.2	10	13	5.0	21	3.0	4.1	14	1.6
2	1.0	1.2	4.4	12	14	12	8.0	13	3.9	9.0	1.5	
3	5.0	.80	2.2	4.3	38	9.0	4.8	9.4	2.8	3.4	6.8	1.4
4	2.5	.90	2.1	3.9	16	7.7	4.5	7.4	2.6	3.1	5.4	1.6
5	1.2	.90	2.1	3.7	12	5.3	4.3	6.4	2.6	2.6	5.0	1.5
6	1.0	.80	2.1	3.6	9.8	139	5.4	5.8	2.5	4.1	4.5	1.4
7	.90	.80	2.1	3.4	8.7	24	4.8	5.4	2.2	8.3	4.3	1.4
8	2.5	3.0	2.1	3.1	7.4	15	4.3	4.8	2.2	7.1	3.9	1.2
9	1.2	10	2.1	3.0	6.4	12	4.1	4.5	2.2	4.1	3.6	1.1
10	1.1	13	1.9	3.1	5.8	11	4.1	4.3	2.0	3.2	3.4	1.1
11	1.0	3.0	1.8	12	5.8	10	3.7	4.3	1.8	2.8	3.2	1.0
12	.90	4.0	1.8	15	5.8	81	3.7	3.9	1.8	2.6	3.2	1.1
13	.80	3.0	1.8	12	5.2	52	3.6	4.8	1.6	2.6	3.2	1.2
14	.80	2.5	1.8	7.7	5.0	22	3.4	5.4	1.4	3.4	3.7	3.1
15	.80	2.2	1.8	5.8	4.5	14	3.4	4.3	1.5	3.0	3.1	1.8
16	.80	2.0	2.1	5.0	4.3	12	3.2	3.7	3.5	3.4	3.0	1.6
17	.80	2.5	2.0	4.8	4.3	42	3.2	3.4	7.3	3.0	2.6	1.5
18	.80	9.0	2.0	6.4	4.1	19	3.2	3.4	3.2	3.1	2.6	1.4
19	.80	4.5	2.0	103	11	14	3.1	3.2	3.0	2.8	2.5	1.4
20	.80	7.0	2.0	70	8.0	12	3.2	3.4	7.1	24	2.5	1.2
21	1.1	14	2.1	19	6.8	9.8	3.0	3.2	15	8.4	2.5	1.2
22	1.5	6.4	2.5	13	5.8	8.4	3.0	3.0	13	4.3	2.2	1.1
23	1.1	3.9	2.1	11	5.6	7.4	2.8	3.0	8.4	3.4	2.1	1.0
24	.90	3.7	2.1	8.0	5.6	6.8	2.5	2.8	5.8	5.8	2.0	.90
25	.80	3.6	23	6.1	5.2	6.8	2.6	3.0	5.6	21	2.0	.90
26	.80	3.0	9.4	6.4	5.0	11	2.6	3.6	9.0	13	2.2	.90
27	.80	2.8	6.1	7.1	4.8	7.7	2.5	10	7.4	9.0	5.1	1.0
28	.80	2.5	5.0	5.2	4.5	6.1	5.2	4.8	5.6	16	2.1	4.2
29	.80	2.6	15	4.8	-----	-----	5.4	135	4.1	5.4	32	2.0
30	.80	2.7	9.4	11	-----	-----	5.4	118	3.6	4.8	74	2.0
31	.90	-----	6.1	11	-----	-----	5.0	-----	3.2	-----	38	1.7
TOTAL	35.80	116.70	123.5	382.4	229.4	606.0	357.2	166.1	137.1	310.5	115.4	90.80
MEAN	1.15	3.99	3.98	12.3	8.19	19.5	11.9	5.36	4.2	10.3	3.72	3.03
MAX	5.0	14	23	103	38	139	135	21	15	74	14	42
MIN	.80	.80	1.8	3.0	4.1	5.0	2.5	2.8	1.4	2.6	1.7	.90
CFSM	.21	.69	.71	2.20	1.46	3.48	2.12	.96	.81	1.84	.66	.94
IN.	.24	.77	.82	2.54	1.52	4.02	2.37	1.10	.91	2.12	.77	.60
CAL YR 1962: TOTAL	2,492.20											
MEAN	6.83											
MAX	131											
MIN	.50											
CFSM	1.22											
IN	16.52											
WAT YR 1963: TOTAL	2,679.90											
MEAN	7.34											
MAX	139											
MIN	.80											
CFSM	1.31											
IN	17.77											

Note --No gage-height record Oct 1 to Nov 21

2-3830 Rock Creek near Fairmount, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.2	5.0	3.9	33	11	9.5	14	14	5.2	3.2	1.6	1.1
2	3.1	2.6	3.9	14	9.0	78	12	102	5.2	2.8	1.6	1.0
3	3.0	2.2	4.1	14	8.4	42	12	217	4.8	2.6	1.3	1.1
4	2.8	2.1	3.6	18	7.7	28	20	35	4.3	2.6	2.3	1.0
5	2.4	2.1	3.2	15	12	54	13	22	4.6	2.2	6.3	1.0
6	2.4	2.2	3.1	14	17	21	138	17	4.9	1.9	2.6	.91
7	2.2	2.0	3.0	16	14	17	152	14	4.6	1.9	2.2	.83
8	2.2	1.7	3.6	11	11	16	201	13	4.1	2.8	1.8	.91
9	2.2	1.7	3.2	60	10	14	37	12	3.9	2.4	1.8	.83
10	2.1	1.7	3.0	20	9.4	16	24	12	3.7	2.3	1.8	1.0
11	2.1	1.7	27	13	9.0	12	20	12	3.5	2.2	1.9	1.2
12	2.1	1.6	64	13	8.4	11	22	12	3.5	4.6	1.8	1.5
13	2.2	1.6	15	11	13	11	73	10	3.5	3.0	1.6	1.1
14	2.0	1.6	19	8.0	13	142	38	9.5	3.2	2.4	1.5	1.0
15	2.0	1.6	11	7.1	24	259	23	8.8	2.9	2.1	1.8	1.0
16	2.0	1.7	7.4	6.8	25	43	18	8.1	2.8	2.0	4.9	.83
17	2.0	1.7	5.8	6.8	16	24	15	7.8	2.8	1.9	3.4	.83
18	1.8	1.8	5.2	6.4	78	19	14	7.6	2.6	2.0	2.4	.83
19	1.8	1.8	4.5	5.8	30	17	12	7.0	2.4	2.2	2.0	1.0
20	1.8	1.8	4.3	8.7	18	16	11	7.0	2.4	4.3	1.9	1.1
21	1.8	1.8	3.9	6.4	14	18	11	6.7	2.3	3.0	1.8	.91
22	1.7	1.8	3.7	5.8	12	13	10	6.4	2.3	2.3	1.8	1.0
23	1.7	2.4	4.8	5.4	11	12	10	6.2	2.3	3.4	1.8	.83
24	1.7	2.1	4.5	186	9.1	11	13	6.2	2.3	2.8	1.8	.83
25	1.8	1.8	4.3	200	15	264	39	5.6	2.3	2.2	1.5	.68
26	1.7	1.8	4.5	30	12	253	23	5.6	2.4	1.9	1.5	.68
27	1.8	2.0	4.5	19	11	40	29	5.4	2.3	1.7	1.7	.68
28	1.8	3.1	4.3	14	12	25	32	5.4	2.0	1.6	1.3	.91
29	1.8	27	4.1	11	9.8	20	26	5.4	1.8	1.7	1.3	1.6
30	1.8	5.8	3.6	9.8	-----	16	17	5.4	1.8	1.7	1.2	7.8
31	1.8	-----	7.4	12	-----	14	-----	5.2	-----	1.6	1.2	-----
TOTAL	64.8	89.8	247.4	801.0	449.8	1,535.5	1,079	611.3	96.7	75.3	63.4	30.99
MEAN	2.09	2.99	7.98	25.8	15.5	49.5	36.0	19.7	3.22	2.43	2.05	1.03
MAX	3.2	27	64	200	78	264	201	217	5.2	4.6	6.3	2.8
MIN	1.7	1.6	3.0	5.4	7.5	10	5.2	4.8	1.8	1.6	1.2	.68
CFSM	.37	.93	1.42	4.61	2.76	8.83	6.41	3.52	.87	.43	.36	.18
IN.	.43	.60	1.64	5.31	2.98	10.2	7.15	4.05	.64	.50	.42	.21

CAL YR 1963: TOTAL 2,805.90 MEAN 7.69 MAX 139 MIN .90 CFSM 1.37 IN 18.60

WAT YR 1964: TOTAL 5,144.99 MEAN 14.1 MAX 264 MIN .68 CFSM 2.51 IN 34.11

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.9	2.5	2.3	3.2	6.4	6.7	12	4.8	2.4	2.7	1.4	1.1
2	1.7	2.5	2.2	5.0	9.1	8.8	11	4.3	2.4	2.5	1.4	1.3
3	1.5	2.4	2.0	5.6	6.7	7.3	11	4.3	3.2	4.2	1.3	1.2
4	1.6	2.4	7.2	4.1	5.9	14	37	4.3	4.0	3.2	1.5	1.1
5	5.9	2.4	4.3	3.9	5.4	12	24	3.9	6.0	2.9	1.7	1.0
6	3.2	2.4	3.7	3.7	9.2	11	17	3.9	3.3	2.4	1.6	1.0
7	2.6	2.4	3.4	3.5	35	9.1	14	3.5	16	2.6	1.5	.91
8	2.2	2.4	3.0	3.5	16	8.4	11	3.5	8.2	2.6	1.4	.81
9	2.0	2.4	2.8	3.4	11	7.3	9.8	3.5	4.3	2.4	1.3	.81
10	1.9	2.4	2.4	5.2	13	6.7	8.8	3.4	3.8	3.2	1.2	1.0
11	1.8	2.3	2.8	3.9	17	6.2	8.1	3.9	6.1	3.7	1.1	1.0
12	1.7	2.3	7.6	3.5	49	14	20	3.4	4.9	2.6	1.1	3.3
13	1.6	2.2	4.8	3.5	18	10	11	3.0	4.0	2.4	1.2	1.8
14	1.7	2.1	4.1	3.4	12	9.1	9.8	2.9	4.6	2.2	1.1	1.5
15	5.6	2.0	3.5	3.2	9.1	7.8	9.5	2.8	6.4	2.3	1.2	1.3
16	11	1.9	3.2	3.4	8.1	7.0	9.1	2.6	4.7	2.2	1.1	1.2
17	4.1	1.8	3.4	3.0	12	7.6	7.6	2.6	3.9	2.0	1.0	1.1
18	3.2	1.8	3.9	3.0	9.8	7.0	7.0	2.6	3.6	1.9	1.0	1.1
19	3.0	1.9	3.4	3.0	8.8	6.2	12	2.6	3.3	1.9	1.0	1.1
20	2.8	2.1	7.4	2.9	7.6	5.6	9.1	2.6	3.0	1.8	1.9	1.0
21	2.6	2.1	5.6	2.9	7.0	5.2	8.1	5.8	2.9	1.7	1.5	1.0
22	2.3	1.8	5.2	2.6	6.2	5.0	7.3	6.5	2.7	1.7	1.6	.91
23	2.2	1.8	4.6	11	5.6	5.0	6.7	4.6	2.6	1.8	1.6	1.0
24	2.0	2.6	6.3	8.8	9.0	119	6.4	4.1	2.6	1.8	1.3	1.1
25	2.0	12	8.1	6.7	16	43	6.4	3.4	7.7	1.7	1.8	.91
26	2.0	4.3	6.7	5.6	10	76	6.2	3.2	7.8	1.9	1.5	.91
27	2.0	3.4	5.9	5.0	8.4	32	8.0	3.1	3.1	2.1	1.4	.91
28	1.9	3.2	4.8	4.3	7.3	19	6.2	2.9	4.9	1.9	1.4	.81
29	1.9	2.9	4.1	4.1	-----	32	5.4	2.8	3.1	1.8	1.2	.81
30	2.0	2.4	3.7	5.0	-----	20	5.0	2.6	3.0	1.6	1.1	1.2
31	2.0	-----	3.5	4.3	-----	14	-----	2.5	-----	1.5	1.1	-----
TOTAL	98.3	81.1	133.9	134.2	338.6	542.0	324.5	109.9	136.5	71.2	41.5	34.19
MEAN	3.17	2.70	4.32	4.33	12.1	17.5	10.8	3.55	4.55	2.30	1.34	1.14
MAX	16	12	8.1	11	49	119	37	6.5	16	4.2	1.9	3.3
MIN	1.5	1.8	2.0	2.6	5.0	5.0	2.5	2.4	1.5	1.0	.81	.81
CFSM	.57	.48	.77	.77	2.16	3.12	1.93	.63	.81	.41	.24	.20
IN.	.65	.54	.89	.89	2.24	3.59	2.15	.73	.90	.47	.28	.23

CAL YR 1964: TOTAL 5,056.29 MEAN 13.8 MAX 264 MIN .68 CFSM 2.46 IN 33.52

WAT YR 1965: TOTAL 2,045.89 MEAN 5.61 MAX 119 MIN .81 CFSM 1.00 IN 13.56

2-3835 Coosawatee 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

Records available --October 1938 to September 1965 Monthly discharge only for some periods, published in WSP 1304

Gage --Digital water-stage recorder Datum of gage is 616 16 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers) Prior to Feb 23, 1940, staff gage and Feb 23, 1940, to Dec 25, 1963, graphic water-stage recorder at same site and datum Feb 23, 1940, to Dec 26, 1963, graphic water-stage recorder and since Dec 26, 1963, digital water-stage recorder 2 miles upstream as an auxiliary gage

Average discharge --27 years, 1,453 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (6,000 cfs), water years 1961-85											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 26, 1961	1200	* 18,200	26 13	Mar 12, 1962	0500	7,670	17 25	Feb 19, 1964	0900	6,450	16 08
Mar 9, 1961	1200	10,500	20 95	Apr 13, 1962	0700	16,700	28 64	Mar 3, 1964	1700	7,800	17 86
Apr 13, 1961	0900	6,870	15 30					Mar 16, 1964	0500	28,200	28 08
June 22, 1961	1500	9,500	19 56	Oct 4, 1962	0200	6,480	14 92	Mar 26, 1964	2400	* 32,000	a29 29
Dec 15, 1961	0500	* 28,200	28 25	Jan 20, 1963	2300	10,000	a20 45	Apr 9, 1964	0500	14,500	24 83
Dec 19, 1961	0700	18,200	25 98	Mar 7, 1963	0100	* 21,800	a21 79	Apr 14, 1964	1400	7,010	17 13
Jan 29, 1962	0800	11,000	23 42	Mar 13, 1963	2300	10,300	a21 89	May 3, 1964	2400	17,000	a25 61
Feb 25, 1962	0800	7,470	16 98	May 1, 1963	0100	19,200	26 39				
Feb 25, 1962	0300	7,240	17 35	Jan 26, 1964	0900	15,000	24 81	Oct 6, 1964	0300	10,100	20 82
								Mar 27, 1965	1500	* 10,600	22 90

a Occurred on day following the maximum discharge

Annual minimum discharge, water years 1961-65					
Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 30, 1961	375	1964	Sept 27, 1964	332
1962	Sept 3, 1962	318	1965	Sept 30, 1965	393
1963	Sept 25, 1963	348			

1938-65 Maximum discharge, 40,200 cfs Mar 30, 1951 (gage height, 30 8 ft), minimum daily, 220 cfs Oct 26, 1941

Flood of Apr 8, 1938, reached a stage of 30 0 ft, from gage readings (discharge, 34,000 cfs)

Remarks --Records good except those for period of no gage-height record, which are fair Moderate diurnal fluctuation at low flow caused by mills above station

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	752	810	630	1,530	790	4,690	4,390	1,490	910	1,780	810	970
2	560	648	578	1,490	790	2,790	2,700	1,660	890	1,710	770	1,290
3	472	560	542	1,210	790	2,600	2,170	1,480	870	1,490	752	790
4	420	508	542	1,010	790	2,300	2,080	1,370	850	1,410	790	682
5	390	490	525	910	735	2,140	1,870	1,330	930	1,250	752	612
6	1,010	508	525	850	700	2,120	1,770	1,290	1,050	1,170	718	630
7	1,090	508	508	810	970	3,620	1,650	1,290	1,090	1,280	1,050	752
8	810	500	508	770	1,880	6,300	1,560	1,250	910	1,900	950	685
9	1,100	500	472	735	1,510	10,100	1,730	1,410	830	1,290	890	595
10	890	520	472	682	1,210	7,610	2,770	1,930	1,850	1,130	850	560
11	718	600	1,870	665	1,010	3,800	2,120	1,490	1,470	1,050	790	542
12	612	540	3,060	648	930	3,040	3,660	1,930	1,250	1,490	752	560
13	542	520	1,480	630	870	2,710	6,270	1,370	1,010	4,240	718	542
14	490	510	1,090	770	810	2,970	4,050	1,290	1,170	2,150	682	525
15	455	510	950	1,130	790	2,500	2,740	1,250	1,820	1,630	665	630
16	508	510	870	1,290	752	2,290	2,470	1,250	1,480	1,900	682	578
17	455	508	770	1,130	718	2,070	2,170	1,170	1,210	1,910	665	525
18	405	508	700	990	790	2,130	1,960	1,130	1,050	1,490	630	508
19	390	490	665	1,050	2,290	2,280	1,880	1,290	970	1,410	595	508
20	790	472	648	1,410	5,070	2,000	1,750	1,130	910	1,730	595	525
21	790	455	1,170	1,210	8,870	1,950	1,660	1,050	4,780	1,370	630	525
22	560	455	1,250	1,050	12,000	1,900	1,620	1,090	9,020	1,250	612	490
23	508	700	890	970	11,100	1,780	1,570	1,830	5,700	1,250	612	472
24	472	1,570	870	950	10,600	1,700	1,570	1,410	3,830	1,210	682	455
25	458	1,010	810	870	10,200	1,640	1,530	1,170	2,590	1,090	718	438
26	420	810	752	950	16,600	1,560	1,570	1,210	2,500	1,010	790	420
27	420	700	735	1,410	12,200	1,520	1,830	1,250	3,230	970	810	405
28	438	648	700	1,050	7,640	1,490	2,070	1,130	2,550	910	718	390
29	420	630	665	930	-----	1,530	1,660	1,050	2,320	870	648	384
30	405	700	930	870	-----	1,450	1,530	1,010	2,250	850	612	375
31	472	-----	1,010	830	-----	3,670	-----	950	-----	870	700	-----
TOTAL	18,202	18,398	27,187	30,800	113,405	89,650	68,370	40,130	61,290	45,060	22,638	17,343
MEAN	567	613	877	994	4,050	2,892	2,279	1,295	2,043	1,454	730	578
MAX	1,100	1,570	3,060	1,530	16,600	10,100	6,270	1,830	9,020	4,240	1,050	1,290
MIN	390	455	472	630	700	1,450	1,530	950	830	850	595	375
CFSH	.69	.72	1.02	1.16	4.73	3.38	2.46	1.51	2.39	1.70	.85	.68
IN.	.79	.80	1.18	1.34	4.93	3.89	2.97	1.74	2.66	1.96	.98	.75

GAL YR 1961: TOTAL 332,393 MEAN 1,397 MAX 12,200 MIN 399 CFSH 1.79 IN 12.63

2-3835 Coosawattee River at Pine Chapel, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	375	384	455	1,920	3,330	3,590	5,250	1,960	1,130	718	648	333
2	372	387	438	2,080	3,070	3,040	3,330	1,880	1,110	682	578	327
3	362	386	438	1,780	2,650	2,710	2,570	1,820	1,090	682	595	324
4	1,090	420	438	1,640	2,400	2,500	2,300	1,750	1,090	1,090	648	336
5	595	525	438	1,540	2,280	2,410	2,180	1,720	1,120	1,050	578	333
6	508	472	508	2,300	2,300	2,250	2,310	1,690	1,210	1,220	665	363
7	472	525	542	2,020	2,070	2,130	3,010	1,600	1,050	1,630	770	821
8	455	455	508	2,140	1,980	2,040	2,760	1,560	1,130	1,090	1,210	1,250
9	438	405	438	1,840	2,010	2,410	2,440	1,520	990	1,710	970	630
10	438	390	2,270	1,640	1,970	2,790	2,220	1,480	910	1,120	665	578
11	420	390	4,770	1,460	1,790	5,470	6,080	1,440	870	907	578	542
12	405	390	12,400	1,380	1,720	7,060	11,700	1,440	1,640	1,050	542	490
13	405	390	24,300	1,310	1,710	4,470	15,600	1,370	2,330	1,230	525	420
14	405	390	13,400	1,310	1,640	3,070	10,800	1,330	1,450	870	612	455
15	390	455	6,720	1,470	1,580	2,660	7,300	1,300	1,130	770	560	472
16	390	595	3,300	1,720	1,580	2,440	4,580	1,300	990	810	525	438
17	390	970	4,520	1,380	1,540	2,250	3,520	1,330	910	1,050	490	1,410
18	390	630	11,700	1,350	1,500	2,110	3,080	1,260	870	752	477	958
19	390	508	16,600	1,610	1,880	2,030	2,870	1,220	830	700	438	560
20	390	455	10,300	1,880	1,870	2,030	2,680	1,220	850	648	420	455
21	405	438	5,560	1,600	1,990	2,780	2,500	1,160	950	630	405	420
22	405	420	3,020	1,460	5,570	2,640	2,380	1,120	830	612	682	390
23	390	560	2,400	2,300	7,030	2,220	2,340	1,120	810	578	525	390
24	384	1,570	2,170	3,030	6,310	2,070	2,430	1,090	770	790	477	381
25	372	970	1,820	4,420	6,750	2,030	2,250	1,090	795	1,130	438	366
26	372	682	1,660	8,310	5,740	3,120	2,330	1,120	735	890	405	375
27	372	578	1,450	9,850	4,320	2,620	2,150	1,050	1,090	1,350	405	490
28	360	542	3,300	10,400	3,560	2,250	2,080	1,010	1,310	648	381	508
29	366	490	2,430	10,700	-----	2,070	2,080	970	910	665	366	390
30	372	472	1,900	8,510	-----	1,980	2,050	1,490	770	682	354	381
31	378	-----	1,720	5,480	-----	2,950	-----	1,450	-----	718	339	-----
TOTAL	13,436	16,242	141,913	100,710	82,140	86,190	119,170	42,860	31,630	27,857	17,261	15,586
MEAN	433	541	4,578	3,249	2,934	2,780	3,972	1,383	1,054	899	557	520
MAX	1,090	1,570	24,300	10,700	15,500	17,060	15,600	2,330	2,330	1,710	1,210	1,410
MIN	360	384	438	1,310	1,500	1,980	2,050	970	735	578	390	324
CFSM	.51	.63	5.35	3.80	3.43	3.25	4.64	1.62	1.23	1.05	.65	.61
IN.	.58	.71	6.17	4.38	3.57	3.74	5.18	1.86	1.37	1.21	.75	.68

CAL YR 1961: TOTAL 660,297

MEAN 1,809

MAX 24,300

MIN 360

CFSM 2.11

IN 28.69

WAT YR 1962: TOTAL 694,995

MEAN 1,904

MAX 24,300

MIN 324

CFSM 2.22

IN 30.19

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	363	420	830	1,310	2,100	1,250	1,680	15,800	1,230	2,670	1,770	525
2	381	405	1,160	1,160	2,250	2,160	1,930	1,930	1,240	1,930	1,240	490
3	2,630	405	735	1,050	4,080	1,650	1,540	4,140	1,120	1,620	1,010	472
4	4,240	405	718	950	4,120	1,420	1,540	2,180	1,090	1,420	930	490
5	1,070	405	735	890	2,770	2,370	1,460	2,010	1,090	1,290	870	770
6	700	390	752	850	2,130	13,100	1,550	2,140	1,050	1,290	870	630
7	578	390	735	810	1,860	17,700	1,970	1,980	1,010	2,440	810	525
8	718	405	700	830	1,700	9,330	1,730	1,820	990	1,670	770	490
9	870	1,770	735	752	1,540	4,940	1,530	1,740	990	1,350	735	472
10	630	3,160	682	718	1,420	2,870	1,500	1,620	950	1,170	700	455
11	560	1,740	648	890	1,380	3,300	1,420	1,700	910	1,090	682	438
12	525	1,250	578	3,760	1,390	4,910	1,380	1,660	870	1,010	665	420
13	490	1,420	420	2,640	1,380	9,370	1,310	1,500	830	970	648	525
14	472	1,090	612	1,900	1,270	9,310	1,310	1,940	810	1,050	735	630
15	455	870	700	1,440	1,210	5,570	1,280	1,750	810	1,210	718	870
16	438	752	718	1,230	1,130	3,020	1,240	1,530	850	1,090	648	578
17	438	735	665	1,130	1,090	4,220	1,240	1,420	1,570	1,290	612	508
18	420	2,520	595	1,240	1,090	4,390	1,210	1,540	1,390	1,170	595	472
19	420	2,800	578	2,000	1,580	3,200	1,210	1,380	1,050	1,050	578	455
20	405	1,660	560	8,360	1,950	4,790	1,210	1,310	1,060	1,130	560	438
21	405	1,910	578	8,420	1,520	3,380	1,250	1,270	3,250	1,910	595	405
22	595	3,650	648	3,560	1,310	2,670	1,130	1,240	2,390	1,360	700	405
23	560	2,460	718	2,150	1,200	2,390	1,130	1,200	1,980	1,090	648	357
24	455	1,670	630	1,880	1,200	2,220	1,090	1,160	1,950	1,050	578	366
25	420	1,340	1,110	1,510	1,210	2,100	1,050	1,130	1,470	1,290	542	341
26	405	1,160	2,400	1,540	1,130	2,160	1,050	1,310	1,640	1,700	542	354
27	405	1,050	1,440	1,550	1,090	2,210	1,010	2,050	2,030	1,400	542	351
28	405	970	1,130	1,360	1,050	1,970	1,130	2,400	2,020	1,170	595	870
29	405	970	1,530	1,250	-----	1,860	3,750	1,820	2,130	2,140	560	3,690
30	405	890	2,460	1,620	-----	1,780	12,300	1,500	4,150	2,060	630	1,330
31	405	-----	1,680	2,490	-----	1,710	-----	1,330	-----	2,470	612	-----
TOTAL	21,668	39,062	27,790	61,240	46,860	133,410	53,810	74,850	43,840	45,550	22,690	19,138
MEAN	699	1,302	896	1,975	1,674	4,304	1,794	2,415	1,461	1,469	732	638
MAX	4,240	3,650	2,460	8,420	4,120	17,700	12,300	15,800	4,150	2,670	1,770	3,690
MIN	363	390	420	718	1,050	1,250	1,010	1,130	810	970	542	351
CFSM	.82	1.52	1.05	2.31	1.96	5.03	2.10	2.82	1.71	1.72	.86	.75
IN.	.94	1.70	1.21	2.66	2.04	5.80	2.34	3.25	1.90	1.98	.99	.83

CAL YR 1962: TOTAL 611,224

MEAN 1,677

MAX 15,800

MIN 324

CFSM 1.89

IN 29.23

WAT YR 1963: TOTAL 589,908

MEAN 1,616

MAX 17,700

MIN 351

CFSM 1.89

IN 29.23

2-3835 Coosawattee River at Pine Chapel, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	822	455	1,120	2,810	1,910	1,690	3,230	3,080	1,430	744	775	513
2	688	737	839	2,780	1,670	2,560	2,970	3,360	1,460	814	735	488
3	624	608	822	1,740	1,510	7,240	2,790	12,100	1,370	808	651	470
4	592	500	805	1,910	1,430	8,430	2,920	13,600	1,300	1,010	708	463
5	560	485	704	2,160	1,420	5,090	2,930	8,360	1,280	870	1,310	453
6	545	576	640	1,770	2,420	4,490	4,940	4,960	1,290	763	950	446
7	530	560	608	2,100	2,210	3,010	7,900	3,460	1,260	720	756	430
8	515	485	608	1,890	1,790	2,680	10,900	2,860	1,240	746	667	416
9	515	470	720	3,870	1,580	2,380	13,100	2,650	1,190	1,040	621	404
10	500	455	656	5,130	1,480	2,470	9,010	2,570	1,150	920	597	397
11	500	440	788	2,770	1,460	2,260	5,870	2,410	1,110	916	650	391
12	485	440	4,100	1,970	1,360	2,030	4,010	2,380	1,070	909	947	464
13	485	425	3,600	2,050	1,430	1,890	4,890	2,500	1,100	1,340	768	498
14	485	425	1,970	1,670	2,530	3,150	6,730	2,180	1,080	1,070	630	431
15	470	425	1,760	1,430	2,310	14,700	5,420	2,080	1,010	841	601	413
16	470	425	1,330	1,350	4,230	22,200	3,930	1,960	985	797	1,010	396
17	455	425	1,090	1,500	3,220	12,700	3,330	1,890	961	809	7,400	387
18	455	425	964	1,250	4,120	7,610	3,040	1,840	946	941	1,310	381
19	455	425	856	1,170	6,160	4,840	2,850	1,770	923	800	935	382
20	440	425	771	1,430	4,120	3,850	2,710	1,710	895	800	803	400
21	455	425	805	1,610	2,660	3,430	2,580	1,680	865	1,110	723	404
22	440	425	754	1,260	2,230	3,080	2,470	1,660	841	869	672	383
23	440	425	1,000	1,970	2,710	2,400	1,610	820	797	667	374	374
24	440	392	1,250	2,070	1,820	2,510	2,770	1,600	834	989	665	372
25	440	515	964	9,770	1,910	4,380	2,960	1,550	889	1,110	626	352
26	440	455	892	13,800	2,270	19,900	3,350	1,490	971	1,120	587	336
27	440	485	877	8,730	1,940	23,800	3,460	1,470	981	846	565	333
28	440	530	849	3,830	1,870	12,400	4,180	1,490	873	740	541	338
29	440	2,150	805	2,240	1,880	7,960	5,050	1,480	798	700	583	605
30	425	2,260	756	1,990	-----	5,370	4,080	1,480	751	716	555	1,350
31	425	-----	738	1,800	-----	3,740	-----	1,440	-----	704	540	-----
TOTAL	15,416	17,873	34,441	91,010	66,910	201,550	136,960	94,670	31,673	27,371	24,598	13,470
MEAN	497	596	1,111	2,936	6,502	6,502	4,565	3,054	1,056	883	793	449
MAX	822	2,260	4,100	13,800	6,160	23,800	13,100	13,600	1,460	1,340	2,400	1,350
MIN	425	425	608	1,170	1,360	1,690	2,400	1,440	751	700	540	333
CFSM	.58	1.70	1.30	3.43	2.70	7.60	8.33	3.57	1.23	1.03	.52	.52
IN.	.67	.78	1.50	3.95	2.91	8.76	5.95	4.11	1.38	1.19	1.07	.59

CAL YR 1963: TOTAL 569,118

MEAN 1,559

MAX 17,700

MIN 351

CFSM 1.82

IN 24.73

WAT YR 1964: TOTAL 755,942

MEAN 2,065

MAX 23,800

MIN 333

CFSM 2.41

IN 32.84

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,140	714	880	1,300	1,290	1,730	3,970	1,670	882	812	605	478
2	753	698	860	1,200	1,980	1,980	3,240	1,990	860	753	577	478
3	579	1,000	1,500	1,720	2,400	2,400	2,800	1,530	746	586	485	478
4	3,160	685	1,800	1,500	1,510	2,940	3,380	1,480	982	1,030	538	491
5	8,850	673	3,600	1,400	1,400	3,090	3,950	1,430	1,120	825	523	472
6	9,230	664	2,300	1,200	1,370	2,670	3,230	1,390	1,040	748	618	445
7	3,250	658	1,600	1,100	3,800	2,300	2,630	1,350	1,220	709	1,290	490
8	1,400	666	1,300	1,100	4,440	2,180	2,600	1,310	2,400	695	1,580	472
9	1,170	693	1,100	1,000	2,830	2,010	2,450	1,270	1,540	700	1,100	420
10	1,040	658	1,000	1,700	2,350	1,880	2,260	1,240	1,160	705	793	404
11	938	643	940	2,500	3,580	1,760	2,150	1,220	1,060	802	690	422
12	870	634	1,800	2,300	4,700	2,240	2,240	1,280	1,350	775	621	547
13	825	629	2,100	2,400	4,670	2,640	2,390	1,220	1,340	731	591	1,250
14	791	625	2,300	1,500	2,990	2,130	2,040	1,160	1,110	686	573	697
15	799	611	2,000	1,320	2,430	1,930	1,960	1,120	1,130	719	552	551
16	2,750	605	1,500	1,300	2,100	1,770	2,650	1,090	1,390	947	526	493
17	2,490	610	1,200	1,250	2,050	1,730	2,200	1,070	1,170	677	543	471
18	1,410	624	1,200	1,150	2,040	2,020	1,960	1,070	1,070	633	517	512
19	1,140	781	1,400	1,130	1,860	1,770	2,050	1,060	959	622	501	490
20	995	968	1,500	1,090	1,730	1,650	2,230	1,030	886	616	513	455
21	915	944	2,700	1,090	1,650	1,570	1,920	1,510	840	588	587	423
22	875	755	2,100	1,080	1,590	1,520	1,810	2,830	806	604	567	409
23	840	693	1,700	1,370	1,510	1,500	1,740	1,690	784	574	510	407
24	804	695	1,400	3,050	1,350	3,870	1,680	1,290	779	601	576	664
25	780	3,310	1,600	2,150	3,510	9,240	1,800	1,160	1,020	656	634	810
26	762	3,100	2,300	1,720	2,620	9,510	1,890	1,110	1,720	725	923	557
27	744	1,240	2,200	1,540	2,040	10,400	2,510	1,060	983	1,110	646	472
28	734	1,090	2,400	1,390	1,850	9,020	2,380	1,030	823	1,090	817	435
29	787	1,000	2,100	1,310	-----	6,620	1,920	998	795	825	668	407
30	794	920	1,700	1,360	-----	7,600	1,760	967	829	766	540	401
31	733	-----	1,400	1,430	-----	6,010	-----	908	-----	663	496	-----
TOTAL	52,348	27,276	52,980	46,430	67,160	109,680	72,070	40,113	32,912	23,133	20,771	15,508
MEAN	1,689	909	1,709	1,498	2,399	3,538	2,402	1,294	1,097	746	670	517
MAX	9,230	3,310	3,600	3,050	4,700	10,400	3,970	2,400	2,400	1,110	1,580	1,250
MIN	579	605	860	1,000	1,290	1,500	1,970	808	779	574	496	407
CFSM	1.97	1.06	2.00	1.75	2.80	4.13	2.81	1.51	1.28	.87	.78	.60
IN.	2.27	1.19	2.30	2.02	2.92	4.77	3.13	1.74	1.43	1.01	.90	.67

CAL YR 1964: TOTAL 820,811

MEAN 2,633

MAX 23,800

MIN 331

CFSM 2.96

IN 32.99

Note --No gage-height record Nov 29 to Jan 14

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	64	84	59	313	58	230	244	70	42	68	23	65
2	48	42	51	198	56	192	176	77	39	60	22	41
3	38	33	48	132	59	165	147	67	36	60	22	20
4	32	30	42	102	54	143	144	63	35	55	22	15
5	34	28	40	85	49	130	119	60	35	46	20	13
6	142	30	38	74	47	152	109	58	36	42	19	20
7	80	27	35	68	172	388	97	57	44	98	35	16
8	64	25	34	62	484	1,350	88	53	34	128	34	13
9	77	24	32	200	160	1,240	135	127	35	55	24	16
10	62	34	32	51	140	382	245	90	87	43	25	13
11	50	37	442	50	113	228	165	84	49	39	20	11
12	42	31	457	47	96	188	564	70	43	46	18	13
13	30	139	84	199	678	199	678	96	96	58	16	11
14	33	28	98	81	76	213	327	61	61	62	14	11
15	31	27	88	149	69	171	214	64	78	45	14	22
16	39	27	77	135	64	150	188	64	64	99	16	14
17	30	29	62	112	60	129	149	58	53	10	14	11
18	28	26	92	68	220	130	66	51	63	12	9.0	
19	27	26	51	122	374	187	115	76	45	61	11	8.3
20	107	25	52	136	738	153	105	54	45	73	9.9	10
21	50	25	144	107	1,780	147	96	49	714	49	10	10
22	24	26	88	81	1,430	133	89	88	1,050	41	10	8.6
23	33	110	74	82	2,440	120	85	126	237	73	11	8.0
24	30	141	66	73	1,260	110	80	74	152	40	12	7.4
25	27	85	61	62	932	99	76	67	108	48	13	14
26	25	63	56	117	1,090	93	77	83	302	34	14	16
27	25	92	54	122	428	88	111	78	199	31	15	6.9
28	25	47	49	80	310	87	89	66	121	28	12	6.0
29	24	82	48	76	-----	84	73	58	95	26	9.9	5.5
30	23	74	80	64	-----	76	70	51	82	26	14	5.1
31	69	-----	65	60	-----	46	-----	22	25	15	-----	-----
TOTAL	1,431	1,347	2,754	3,039	12,731	7,437	4,984	2,169	4,073	1,726	526.8	439.8
MEAN	46.2	44.9	88.6	97.9	495	240	166	70.0	136	55.7	17.0	14.7
MAX	142	141	457	313	2,440	1,350	688	127	1,050	128	35	65
MIN	23	24	32	46	47	76	46	70	34	25	9	5.1
CFSM	.71	.69	1.37	1.51	7.01	3.70	2.56	1.08	2.03	.86	.26	.23
IN	.82	.77	1.57	1.74	7.30	4.26	2.86	1.24	2.39	.99	.30	.25
CAL YR 1960: TOTAL	2,754	2,754	42,647.6	MEAN	MEAN	MIN	CFSM	IN				
1961: TOTAL	42,647.6	42,647.6	117	MAX	MAX	MIN	CFSM	IN				
				2,440	2,440	5.1</						

2-3858 Holly Creek near Chatsworth, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.9	9.0	16	140	214	355	386	70	35	36	14	2.4
2	5.0	9.5	15	129	176	236	200	67	41	33	13	2.4
3	76	9.0	15	104	150	195	157	60	36	66	16	2.5
4	34	18	14	94	130	168	133	56	55	78	16	2.1
5	16	25	16	90	125	153	122	55	74	61	13	10
6	13	16	23	228	123	135	158	55	49	160	12	10
7	13	13	24	238	100	122	206	50	34	119	14	7.2
8	9.5	12	19	164	97	113	165	48	34	62	45	9.5
9	8.6	11	18	121	104	220	137	45	29	64	22	7.7
10	8.0	10	435	102	92	211	119	43	26	47	14	6.6
11	7.7	11	523	87	82	335	1,110	40	26	38	11	7.2
12	7.4	11	3,110	85	77	254	1,750	39	231	231	10	6.3
13	7.2	11	1,460	73	75	194	962	35	468	103	9.0	5.1
14	6.9	12	431	74	72	159	426	34	143	56	12	5.0
15	6.6	16	193	116	68	137	268	32	87	41	11	8.6
16	7.2	50	218	108	70	122	205	31	66	37	9.0	16
17	10	35	812	88	65	109	174	30	54	31	8.3	57
18	9.9	20	3,220	81	61	100	154	31	47	28	8.0	20
19	9.9	16	1,270	125	76	96	137	29	41	25	6.9	11
20	10	14	358	109	65	97	124	26	51	23	5.7	8.0
21	11	12	198	92	165	268	112	25	50	21	5.5	6.9
22	11	11	150	85	626	175	105	24	37	19	6.3	6.0
23	10	33	134	340	576	137	99	23	32	18	16	5.7
24	7.4	70	111	317	530	117	94	22	29	30	25	5.5
25	6.9	35	93	553	404	130	104	23	27	61	11	5.0
26	6.6	26	82	1,110	670	396	105	25	54	29	8.3	19
27	9.0	22	124	1,740	414	222	98	24	156	21	7.2	31
28	7.4	19	253	1,480	410	170	84	25	116	18	6.0	16
29	7.2	18	158	976	-----	140	82	61	21	21	5.5	10
30	7.7	16	120	470	-----	123	76	72	45	18	4.0	8.6
31	8.0	-----	107	285	-----	262	-----	48	-----	17	2.7	-----
TOTAL	361.0	590.5	13,720	9,804	5,817	5,651	8,050	1,209	2,234	1,612	367.4	318.3
MEAN	11.6	19.7	44.3	31.6	20.8	18.2	26.8	39.0	52.0	52.0	11.4	10.6
MAX	76	70	3,220	1,740	670	396	1,750	72	468	231	45	57
MIN	4.9	9.0	14	73	61	96	76	22	26	17	2.7	2.1
CFSM	.18	.30	6.82	4.87	3.20	2.81	4.13	.60	1.15	.80	.18	.16
IN.	.21	.34	7.86	5.62	3.33	3.24	4.61	.69	1.28	.92	.21	.18

CAL YR 1961: TOTAL 51,793.1 MEAN 152 MAX 3,220 MIN 4.9 CFSM 2.10 IN 28.68
 WAT YR 1962: TOTAL 49,734.2 MEAN 136 MAX 3,220 MIN 2.1 CFSM 2.10 IN 28.68

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8.0	13	42	76	167	96	82	1,050	71	107	50	11
2	7.7	9.5	39	64	159	124	77	294	61	86	40	9.9
3	160	9.0	35	55	662	86	74	187	53	77	34	9.0
4	73	9.0	35	49	436	77	71	143	49	62	31	19
5	31	8.3	40	45	213	270	67	119	46	51	29	33
6	22	8.3	48	41	168	2,640	96	105	41	50	28	16
7	18	8.3	35	39	139	1,020	205	90	39	74	25	13
8	22	15	40	38	119	266	131	81	37	60	25	12
9	19	310	37	35	103	190	107	73	36	45	24	11
10	15	570	33	34	90	158	94	67	32	37	23	9.9
11	12	153	31	89	87	245	83	84	30	34	25	9.0
12	12	92	25	554	89	1,610	76	63	28	32	24	9.5
13	12	76	22	234	80	2,620	70	62	26	31	22	9.9
14	11	59	29	152	77	708	66	108	25	48	28	12
15	9.9	50	29	112	69	310	62	71	23	41	19	18
16	8.3	43	31	94	60	223	59	59	32	56	19	13
17	8.3	50	31	82	53	352	57	60	135	72	19	10
18	8.3	616	28	90	59	244	54	108	48	50	18	9.5
19	8.0	511	27	240	202	196	53	59	35	43	16	8.6
20	7.4	165	26	1,180	151	180	54	50	60	56	16	8.0
21	17	174	26	420	109	145	50	47	233	196	15	7.4
22	30	446	31	191	82	125	47	42	125	85	16	6.9
23	15	302	29	164	77	115	44	40	142	59	13	6.0
24	11	143	27	124	81	107	40	38	103	50	11	5.5
25	8.6	98	104	115	72	103	40	37	76	54	10	5.7
26	8.6	76	97	109	69	139	40	67	108	64	12	5.1
27	8.6	64	69	117	59	125	38	302	131	57	14	5.1
28	8.6	57	56	83	59	110	64	452	151	89	15	101
29	8.3	52	127	85	-----	98	574	259	181	123	12	106
30	8.3	46	148	166	-----	92	3,080	122	137	108	14	31
31	10	-----	99	208	-----	87	-----	88	-----	72	14	-----
TOTAL	606.9	4,233.4	1,476	5,085	3,798	12,861	5,655	4,427	2,294	2,069	661	531.0
MEAN	19.6	141	47.6	164	136	415	189	143	76.5	66.7	21.3	17.7
MAX	160	616	148	1,180	662	2,640	3,080	1,050	233	196	50	106
MIN	7.4	8.3	22	34	59	77	38	23	31	31	10	5.1
CFSM	.30	2.17	.73	2.53	2.09	6.39	2.90	2.20	1.18	1.03	.93	.27
IN.	.35	2.43	.85	2.91	2.18	7.37	3.24	2.54	1.31	1.19	.98	.30

CAL YR 1962: TOTAL 41,379.0 MEAN 113 MAX 1,750 MIN 2.1 CFSM 1.75 IN 23.71
 WAT YR 1963: TOTAL 43,697.3 MEAN 120 MAX 3,080 MIN 2.1 CFSM 1.84 IN 23.04

2-3858 Holly Creek near Chatsworth, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	18	15	64	308	107	102	143	178	44	6.2	41	5.9
2	14	44	43	176	88	287	128	361	41	7.6	24	5.7
3	12	16	40	207	77	738	116	1,470	32	12	20	5.5
4	11	12	33	290	72	421	161	590	30	16	26	5.3
5	9.9	14	30	194	80	688	133	286	31	12	108	5.3
6	9.0	34	27	139	263	510	427	196	35	8.0	40	5.3
7	8.6	19	25	165	175	281	460	152	32	6.7	23	5.3
8	8.6	14	32	127	125	227	552	128	27	16	19	4.9
9	8.6	12	40	512	102	177	456	114	26	21	17	5.0
10	8.6	12	30	420	93	230	279	106	24	9.4	15	5.0
11	8.3	11	99	184	89	161	199	96	22	6.6	24	5.0
12	8.3	9.9	660	158	76	136	161	94	23	12	31	5.2
13	12	9.5	258	210	103	118	342	86	37	38	19	4.9
14	9.5	9.5	200	119	164	667	514	76	26	13	16	5.0
15	8.6	9.9	124	92	227	3,990	308	73	22	6.2	19	5.0
16	8.0	9.9	85	83	604	1,120	206	67	20	6.6	162	4.9
17	7.4	9.9	65	78	315	492	163	62	18	6.6	191	4.9
18	6.9	9.9	57	75	459	315	136	60	18	7.1	47	4.6
19	6.9	9.5	40	67	555	232	121	56	16	5.9	25	4.0
20	6.3	9.5	40	230	301	245	110	54	16	21	18	3.4
21	6.3	9.5	36	184	189	231	99	51	15	16	14	3.8
22	6.3	9.9	33	128	149	187	94	48	13	7.6	12	4.0
23	6.0	12	172	103	125	154	121	44	12	11	11	4.0
24	7.2	18	127	310	110	132	161	45	12	25	11	4.2
25	7.7	13	74	1,700	125	479	226	42	15	26	8.9	4.2
26	7.7	12	78	742	120	2,030	182	38	18	44	7.6	3.4
27	7.4	16	95	291	103	748	253	36	27	23	6.6	3.3
28	7.4	17	175	183	121	399	276	44	14	12	8.9	3.0
29	7.4	475	69	129	114	266	545	45	10	21	8.9	6.0
30	6.9	204	55	109	-----	199	296	40	7.6	132	7.1	19
31	6.9	-----	57	102	-----	165	-----	38	-----	32	6.1	-----
TOTAL	267.7	1,076.9	2,871	7,807	5,231	16,127	7,368	4,781	683.6	587.5	987.1	155.0
MEAN	8.64	35.9	92.6	252	180	520	246	154	22.8	19.0	31.8	5.17
MAX	18	475	660	1,700	604	3,990	552	1,470	44	132	191	19
MIN	6.0	9.5	25	67	72	102	94	36	7.6	5.9	6.1	3.0
CFSM	.13	.55	1.43	3.88	2.78	8.02	3.78	2.38	.35	.29	.49	.08
IN.	.15	.62	1.65	4.47	3.00	9.24	4.22	2.74	.39	.34	.57	.09

CAL YR 1963: TOTAL 41,596.6 MEAN 114 MAX 3,080 MIN 5.1 CFSM 1.76 IN 23.84
 MAY YR 1964: TOTAL 47,942.8 MEAN 131 MAX 3,990 MIN 3.0 CFSM 2.02 IN 27.47

Note -- Indefinite stage-discharge relation June 19 to Sept 23

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	21	21	51	76	74	96	291	81	19	23	9.7	7.4
2	16	21	47	86	164	230	225	72	17	17	9.2	9.6
3	9.1	21	41	94	94	310	208	94	24	41	8.6	3.5
4	719	20	402	82	82	502	363	58	36	44	8.0	7.4
5	877	20	268	75	72	545	374	54	36	29	6.8	6.6
6	126	20	133	70	81	310	234	51	29	17	14	6.2
7	65	19	102	66	480	208	249	47	46	15	19	6.5
8	46	19	84	62	526	178	199	45	83	14	34	6.2
9	38	20	70	80	248	150	179	43	37	13	18	5.2
10	34	20	59	200	201	132	152	41	28	14	12	4.6
11	30	19	53	400	641	117	133	41	28	20	10	3.9
12	26	18	455	200	774	186	124	57	37	16	12	145
13	24	18	306	134	573	170	108	41	31	24	14	47
14	23	19	156	111	297	137	98	38	26	15	14	17
15	29	18	107	96	203	121	94	35	66	25	13	12
16	192	18	87	95	166	107	107	34	59	44	13	11
17	85	18	77	80	146	133	86	32	38	17	16	9.7
18	51	20	125	72	124	195	80	34	31	13	20	9.5
19	41	81	99	65	109	140	94	34	24	15	28	8.6
20	37	117	278	63	97	117	110	32	22	12	18	8.2
21	32	63	246	62	90	102	81	37	20	11	20	7.2
22	31	43	170	58	83	94	74	48	17	11	11	6.9
23	28	37	127	114	77	89	68	34	15	10	10	7.2
24	25	38	108	173	102	434	64	32	16	15	9.4	40
25	25	596	150	113	296	712	95	29	26	17	31	31
26	24	383	220	96	154	2,800	114	26	20	18	28	14
27	23	134	160	81	117	1,480	234	26	17	33	34	11
28	23	96	130	71	104	510	156	26	16	20	19	9.7
29	30	74	110	-----	-----	607	109	24	17	14	12	8.9
30	25	59	100	80	-----	708	90	21	23	12	9.5	8.5
31	22	-----	90	66	-----	446	-----	20	-----	11	7.9	-----
TOTAL	2,779	2,070	4,614	3,188	6,175	12,066	4,593	1,257	904	600	489.1	484.5
MEAN	89.6	69.0	149	103	221	389	153	40.5	30.1	19.4	15.8	16.2
MAX	877	596	455	400	774	2,800	374	81	83	44	34	145
MIN	11	18	44	58	72	89	64	20	15	10	6.8	3.9
CFSM	1.38	1.06	2.29	1.58	3.40	6.00	2.36	.62	.46	.30	.24	.25
IN.	1.59	1.19	2.64	1.83	3.54	6.91	2.63	.72	.52	.34	.28	.28

CAL YR 1964: TOTAL 53,190.2 MEAN 145 MAX 3,990 MIN 3.0 CFSM 2.24 IN 30.48
 MAY YR 1965: TOTAL 39,219.6 MEAN 107 MAX 2,800 MIN 3.9 CFSM 1.66 IN 22.47

MOBILE RIVER BASIN

2-3870 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

Records available --June 1937 to September 1965

Gage --Digital water-stage recorder Datum of gage is 622.28 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers) Prior to Aug 24, 1940, staff gage at site 150 ft upstream at same datum Aug 24, 1940, to Sept 20, 1960, graphic water-stage recorder at present site and datum

Average discharge --28 years, 1,176 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water Year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 25, 1961	16,500	24.3	Sept 30, 1961	116	-
1962	Dec 20, 1961	20,700	26.1	Sept 3, 1962	101	-
1963	Mar 15, 1963	16,600	23.82	Sept 26, 1963	130	-
1964	Mar 17, 1964	21,100	25.74	Sept 28, 1964	94	-
1965	Mar 28, 1965	19,500	25.10	Sept 11, 1965	110	-

1937-65 Maximum discharge, 29,000 cfs Mar 30, 1951, maximum gage height, 30.2 ft Mar 30, 1951 (backwater from Coosawattee River), minimum discharge, 68 cfs Oct 24, 25, 1954

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	968	570	1,100	2,250	550	4,390	2,150	611	570	907	358	253
2	611	590	737	3,110	550	2,340	2,560	611	512	776	321	355
3	456	409	590	2,430	550	1,800	1,760	632	470	1,100	493	319
4	378	327	512	1,410	550	1,680	1,330	570	434	779	716	267
5	336	292	463	1,080	512	1,520	1,220	531	431	653	420	237
6	1,140	270	434	926	474	1,440	1,040	493	570	570	327	214
7	1,940	264	399	800	737	2,160	938	493	842	820	303	211
8	1,190	261	371	716	2,660	5,170	834	474	947	1,230	406	258
9	884	242	352	653	3,440	6,990	926	570	531	1,140	590	261
10	779	250	336	590	2,120	9,770	1,740	884	1,360	674	424	216
11	611	292	1,300	550	1,360	10,400	1,780	905	2,880	550	385	193
12	512	406	3,440	512	1,100	5,800	3,070	821	1,580	512	327	191
13	434	375	3,340	493	968	2,040	4,460	821	1,140	590	289	206
14	378	330	1,450	590	863	2,330	4,710	674	1,270	716	281	211
15	342	306	989	821	779	2,010	2,620	590	1,630	611	289	198
16	324	284	905	1,030	716	1,680	1,980	842	2,340	674	275	208
17	318	272	779	1,100	653	1,420	1,890	1,140	2,660	1,190	264	234
18	298	278	653	1,010	632	1,580	1,450	695	1,450	1,410	250	206
19	278	278	570	905	1,630	2,660	1,230	821	1,030	1,010	237	188
20	382	256	550	1,230	3,740	2,300	1,080	863	863	884	224	179
21	550	250	989	1,320	6,410	1,690	968	611	3,820	1,010	219	169
22	474	250	1,410	1,050	7,520	1,520	884	611	5,310	800	227	167
23	339	300	968	842	10,400	1,410	821	1,270	5,980	716	250	164
24	300	1,010	737	800	13,200	1,230	779	1,140	6,000	968	227	155
25	281	1,270	695	695	15,600	1,100	737	800	2,240	716	229	143
26	264	800	632	674	12,300	1,010	716	1,100	2,050	550	240	146
27	250	590	590	989	9,190	926	779	2,660	3,220	456	275	146
28	247	493	550	905	7,340	926	926	1,760	1,990	449	342	141
29	245	512	512	674	-----	968	779	968	1,250	395	264	139
30	237	1,030	570	653	-----	926	632	779	1,040	355	247	130
31	284	-----	968	590	-----	1,170	-----	653	-----	336	242	-----
TOTAL	16,030	13,057	27,891	31,398	106,544	82,356	46,789	26,393	56,410	23,547	9,941	6,104
MEAN	517	435	900	1,013	3,805	2,657	1,560	851	1,880	760	321	203
MAX	1,940	1,270	3,440	3,110	15,600	10,400	4,710	2,660	6,000	1,410	716	355
MIN	237	242	336	493	474	926	632	474	431	336	219	130
CFSM	.76	.64	1.32	1.49	5.58	3.90	2.29	1.25	2.76	1.11	.47	.30
IN.	.87	.71	1.52	1.71	5.81	4.49	2.55	1.44	3.08	1.28	.54	.33
CAL YR 1960: TOTAL	357,531			MEAN 977		MAX 11,600	MIN 112	CFSM 1.43	IN 19.50			
WAT YR 1961: TOTAL	446,460			MEAN 1,223		MAX 15,600	MIN 130	CFSM 1.79	IN 24.34			

2-3870 Conasauga River at Tilton, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	122	137	211	1,190	5,820	7,000	3,430	731	465	315	217	113
2	117	135	202	1,540	2,440	5,540	2,810	668	385	263	202	105
3	199	135	192	1,360	1,730	3,350	1,710	622	352	243	189	102
4	468	143	109	1,100	1,520	2,070	1,360	578	678	423	197	112
5	560	159	199	1,010	1,420	1,840	1,190	547	550	498	205	115
6	287	222	208	1,850	1,320	1,650	1,330	531	522	978	199	124
7	212	205	242	3,440	1,320	1,430	1,740	516	491	1,560	223	131
8	181	177	257	3,250	1,190	1,270	1,780	492	378	701	314	139
9	166	159	243	1,850	1,190	1,500	1,490	470	316	460	519	123
10	167	148	1,100	1,360	1,190	2,520	1,250	452	277	481	409	119
11	164	142	3,550	1,100	1,080	3,090	3,820	435	253	364	239	125
12	158	141	8,010	968	947	0,010	7,660	417	552	555	187	127
13	149	142	11,600	947	926	3,120	9,430	397	2,440	1,160	174	132
14	141	164	15,800	863	884	2,040	6,260	382	2,710	559	188	162
15	129	190	13,900	968	854	1,620	6,300	366	1,100	376	172	152
16	123	330	8,530	1,490	867	1,410	2,880	350	646	320	179	124
17	135	5,440	1,295	3,027	1,230	1,660	478	238	298	152	168	
18	136	643	8,480	1,050	748	1,090	1,420	330	397	270	152	298
19	137	395	14,800	1,100	776	1,010	1,410	324	346	244	166	272
20	133	284	19,700	1,360	1,050	982	1,250	319	392	230	157	171
21	129	240	13,700	1,190	1,020	1,810	1,110	301	385	217	146	132
22	131	231	3,300	1,030	3,300	2,430	1,000	291	341	201	138	119
23	135	255	2,570	1,540	5,130	1,730	947	279	293	198	136	109
24	141	420	1,480	3,300	6,670	1,290	909	274	261	196	156	109
25	139	585	1,370	3,960	8,400	1,190	864	265	246	232	198	111
26	135	466	1,180	5,380	9,790	2,140	975	288	239	314	168	131
27	132	339	1,100	8,000	9,310	2,610	1,020	322	364	325	143	441
28	139	286	1,630	11,300	8,710	1,800	910	273	607	272	137	418
29	134	253	1,890	14,800	-----	1,430	826	253	550	230	125	263
30	126	228	1,410	13,000	-----	1,230	802	311	403	230	120	174
31	136	-----	1,140	9,980	-----	1,830	-----	516	-----	230	117	-----
TOTAL	5,361	7,853	147,583	102,636	80,409	67,262	71,543	12,638	17,457	12,943	6,034	4,941
MEAN	173	262	4,761	3,311	2,872	2,170	2,385	408	582	418	195	165
MAX	560	643	19,700	14,800	9,790	7,000	9,430	731	2,710	1,560	519	441
MIN	117	135	189	863	748	982	802	253	239	196	117	102
CFSM	-25	-38	8.98	4.85	4.21	3.18	3.50	-85	-61	-29	-74	-74
IN-	-29	-43	8.05	5.60	4.38	3.67	3.90	-69	-95	-71	-33	-27

CAL YR 1961: TOTAL 550,279
WAT YR 1962: TOTAL 556,660MEAN 1,508
MEAN 1,470MAX 19,700
MAX 19,700MIN 117
MIN 102CFSM 2-21
CFSM 2-16IN 30-01
IN 29-26

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	141	164	502	1,050	2,120	699	753	9,220	819	1,290	2,390	176
2	138	166	456	821	1,760	1,330	712	10,000	669	1,330	1,020	169
3	1,870	167	697	427	1,430	1,000	674	7,810	571	1,440	717	168
4	4,370	159	406	611	4,250	1,000	639	2,870	504	924	558	182
5	3,270	158	405	550	3,680	1,660	596	1,190	456	695	478	261
6	764	157	468	493	2,020	6,910	639	1,090	430	534	429	280
7	451	149	480	1,580	9,490	1,450	1,070	1,860	617	388	231	188
8	370	176	422	442	1,350	12,300	2,010	907	384	945	359	189
9	322	1,120	410	420	1,150	10,800	1,260	805	424	1,110	347	180
10	282	2,900	395	399	985	5,500	1,010	726	388	598	329	179
11	241	3,180	359	633	904	2,180	869	759	342	449	300	171
12	218	1,630	327	2,700	915	5,550	763	794	312	778	285	166
13	203	1,080	259	3,340	917	8,820	709	668	289	346	285	170
14	187	794	281	2,380	828	13,600	646	860	271	358	281	171
15	183	621	297	1,410	771	15,500	618	1,220	259	950	312	175
16	181	514	310	1,050	674	9,650	586	810	274	1,040	282	182
17	177	464	323	884	597	4,660	561	732	806	1,880	252	188
18	169	1,790	318	842	591	3,010	542	842	847	1,630	237	174
19	164	3,600	296	1,220	1,030	2,070	523	758	495	1,140	232	166
20	162	3,360	289	4,400	2,210	2,020	511	605	418	949	224	157
21	172	1,670	285	5,090	1,670	1,880	494	666	813	1,740	213	153
22	232	1,710	305	4,910	1,170	1,570	480	616	1,430	2,930	209	142
23	285	2,450	337	2,180	925	1,260	458	516	1,670	1,520	709	141
24	251	1,940	344	1,980	851	1,130	432	453	1,300	860	217	141
25	193	1,130	489	1,540	855	1,040	408	438	994	828	193	134
26	174	949	1,060	1,270	774	1,090	403	570	971	1,080	186	132
27	166	789	968	1,360	701	1,420	398	1,020	1,320	945	185	139
28	159	678	716	1,360	628	1,150	476	2,950	1,320	1,030	189	206
29	161	608	716	968	-----	963	2,800	3,555	1,600	1,790	191	475
30	168	555	1,710	1,050	-----	868	8,350	1,770	1,400	1,880	186	448
31	165	-----	1,540	1,980	-----	798	-----	1,080	-----	2,240	184	-----
TOTAL	15,989	34,828	15,900	48,498	38,926	131,348	30,770	57,345	22,180	35,446	11,867	5,846
MEAN	516	1,121	513	1,564	1,260	4,237	1,026	1,850	728	1,143	383	198
MAX	4,370	3,600	1,710	5,090	4,250	15,500	6,350	10,000	1,670	2,930	2,390	475
MIN	138	149	259	399	591	699	398	438	259	346	184	132
CFSM	-76	1.70	-75	2.29	2.04	6.21	1.50	2.71	1.08	1.68	-56	-29
IN-	-87	1.90	-87	2.64	2.12	7.16	1.68	7.13	1.21	1.93	-65	-32

CAL YR 1962: TOTAL 442,590
WAT YR 1963: TOTAL 448,943MEAN 1,213
MEAN 1,230MAX 19,800
MAX 19,800MIN 132
MIN 132CFSM 1-88
CFSM 1-88IN 24-13
IN 24-13

2-3870 Conasauga River at Tilton, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	301	121	1,920	844	1,440	1,310	1,510	4,850	442	204	256	209
2	213	173	707	1,420	1,320	1,840	1,470	3,440	447	224	236	187
3	176	293	500	1,220	1,100	4,800	1,340	7,730	429	240	213	175
4	160	231	418	1,720	964	5,950	1,420	9,370	383	274	217	160
5	151	201	374	2,950	932	6,810	1,090	9,970	360	257	612	150
6	140	231	331	2,230	1,890	6,160	3,160	5,820	423	267	547	142
7	141	243	301	2,070	2,510	5,620	4,580	2,180	597	230	310	137
8	144	256	296	2,950	1,940	3,280	6,270	1,450	477	290	241	133
9	139	205	334	3,670	1,430	2,130	9,460	1,490	393	446	209	128
10	137	172	343	4,760	1,210	2,120	11,300	1,330	349	604	189	120
11	137	160	411	4,920	1,100	2,300	6,260	1,220	328	530	219	116
12	133	156	270	2,720	998	1,810	2,410	1,100	306	309	388	118
13	126	150	4,030	2,030	958	1,500	2,820	1,030	330	486	360	107
14	130	142	2,780	1,930	1,950	2,880	4,660	942	406	524	253	105
15	138	139	1,630	1,370	2,020	9,990	4,800	857	358	357	213	110
16	128	137	1,130	1,090	4,180	16,300	3,140	798	327	365	602	108
17	125	133	836	1,010	5,000	17,800	1,950	735	300	373	1,720	109
18	123	135	677	975	5,270	13,300	1,650	602	289	283	1,490	107
19	122	145	608	905	5,390	7,150	1,530	650	275	255	726	108
20	114	143	485	1,210	5,720	3,190	1,360	614	264	576	447	107
21	113	141	434	1,800	4,230	2,470	1,220	582	264	511	341	107
22	122	145	1,500	2,170	2,520	2,170	2,520	550	259	353	210	155
23	117	147	624	1,210	1,730	2,250	1,050	533	250	287	254	108
24	116	143	1,300	1,850	1,470	1,850	1,580	535	245	298	237	106
25	116	155	1,030	6,670	1,390	3,110	1,820	514	217	347	223	101
26	115	184	765	8,400	1,610	8,180	2,350	485	234	346	209	99
27	110	173	765	11,400	1,440	10,600	2,590	452	248	380	197	98
28	109	181	906	10,300	1,280	11,900	2,980	476	240	303	185	95
29	116	1,710	863	5,100	1,420	7,700	3,440	508	232	253	204	112
30	111	3,210	729	1,700	-----	3,550	4,490	492	215	328	248	122
31	108	-----	617	1,450	-----	1,790	-----	446	-----	343	240	-----
TOTAL	4,231	9,755	29,383	92,574	63,652	172,160	95,610	61,839	9,878	10,483	12,070	3,693
MEAN	136	325	948	2,986	2,195	5,554	3,187	1,995	329	350	389	123
MAX	301	3,210	4,030	11,400	5,720	17,800	11,300	9,970	597	604	1,720	209
MIN	108	121	296	844	932	1,310	1,050	446	215	204	185	95
CFSM	-.20	-.48	1.39	4.38	3.22	8.14	4.67	2.92	-.48	-.51	-.47	-.18
IN.	-.23	-.53	1.60	5.05	3.47	9.39	5.21	3.37	-.54	-.59	-.66	-.20

CAL YR 1963: TOTAL 425,595

WAT YR 1964: TOTAL 565,686

MEAN 1,166

MEAN 1,546

MAX 15,500

MAX 17,800

MIN 108

MIN 95

CFSM 1.71

CFSM 2.27

IN 23.21

IN 30.85

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	199	254	544	945	860	1,080	6,520	832	263	219	209	145
2	263	250	485	855	1,070	1,530	3,350	751	253	227	192	148
3	189	248	446	1,020	1,240	2,710	2,060	687	251	233	177	145
4	770	239	1,580	1,030	895	3,690	2,490	629	436	565	166	152
5	3,290	235	2,970	897	804	4,290	3,490	582	455	804	170	138
6	4,210	231	2,000	823	776	4,280	3,090	549	397	418	168	133
7	2,200	227	1,090	768	2,200	2,750	2,450	521	418	290	193	124
8	665	234	817	713	3,380	1,930	2,090	488	1,020	248	486	121
9	512	251	690	664	3,390	1,600	1,780	463	980	209	801	124
10	414	252	601	1,320	2,110	1,390	1,550	443	551	223	486	124
11	359	239	545	3,320	4,040	1,230	1,360	426	386	220	274	124
12	330	228	1,740	3,560	6,380	1,400	1,260	427	468	228	204	858
13	307	227	3,480	1,930	7,550	1,820	1,690	465	444	217	218	916
14	305	227	2,770	1,320	8,030	1,460	1,330	414	415	251	178	725
15	313	227	1,430	1,080	6,140	1,260	1,070	380	522	308	158	365
16	827	222	1,050	972	2,370	1,120	1,260	362	786	282	152	254
17	1,050	225	881	915	1,690	1,120	1,290	346	778	285	145	218
18	723	230	934	807	1,510	2,340	1,040	337	594	231	251	212
19	535	272	1,040	740	1,350	2,400	979	342	431	220	180	201
20	437	467	1,210	688	1,150	1,630	1,380	413	311	193	347	218
21	380	750	2,100	663	1,020	1,300	1,160	384	251	189	185	180
22	334	684	1,880	838	954	1,110	955	510	243	168	175	168
23	330	488	1,390	685	879	1,010	965	465	243	165	232	160
24	313	411	1,140	1,190	906	2,150	806	618	246	160	371	199
25	290	1,700	1,210	1,170	2,130	4,940	790	414	248	249	251	282
26	284	3,060	1,680	951	2,340	7,810	1,130	368	254	546	437	421
27	277	2,460	2,150	723	1,520	11,240	1,310	343	243	634	377	313
28	267	1,080	1,980	723	1,200	18,600	1,870	325	220	609	279	723
29	261	794	1,420	668	-----	16,600	1,240	320	212	589	229	196
30	267	650	1,140	671	-----	10,800	963	303	204	344	188	175
31	277	-----	1,060	883	-----	8,010	-----	295	-----	243	162	-----
TOTAL	21,198	17,062	43,453	33,433	67,084	124,560	52,624	14,422	12,523	9,767	7,983	7,760
MEAN	684	569	1,402	1,078	2,164	4,018	1,652	465	417	315	258	299
MAX	4,210	3,060	3,480	3,560	8,030	18,600	6,520	832	1,020	804	801	916
MIN	189	222	446	638	776	1,010	790	295	204	160	145	121
CFSM	1.00	-.83	2.06	1.58	3.55	5.89	2.57	-.68	-.61	-.46	-.38	-.38
IN.	1.16	-.93	2.37	1.82	3.70	6.79	2.87	-.79	-.68	-.53	-.44	-.42

CAL YR 1964: TOTAL 604,032

WAT YR 1965: TOTAL 412,669

MEAN 1,650

MEAN 1,131

MAX 17,800

MAX 18,600

MIN 95

MIN 121

CFSM 2.42

CFSM 1.66

IN 32.94

IN 22.50

2-3875 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

Records available --October 1892 to September 1965 Monthly discharge only for some periods, published in WSP 1304 Gage-height records collected at same site since 1892 are contained in reports of U S Weather Bureau

Gage --Water-stage recorder Datum of gage is 604 14 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers) Prior to Mar 23, 1919, staff gage at site 200 ft upstream at same datum Mar 23, 1919, to Oct 23, 1928, chain gage at site 400 ft downstream at same datum Oct 24, 1928, to Sept 23, 1934, chain gage, and Sept 24, 1934, to Sept 11, 1938, wire-weight gage at present site and datum Since Oct 29, 1948, auxiliary wire-weight gage at bridge on State Highway 143, 6½ miles downstream

Average discharge --73 years, 2,775 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Date	Maximum		Date	Minimum	
		Discharge (cfs)	Gage height (feet)		Discharge (cfs)	Gage height (feet)
1961	Feb 27, 1961	31,700	29 2	Sept 30, 1961	592	-
1962	Dec 14, 1961	32,400	29 4	Sept 3, 1962	460	-
1963	May 2, 1963	25,700	27 2	Sept 27, 1963	505	-
1964	Mar 17, 1964	a 30,500	30 4	Sept 26, 27, 28, 1964	490	-
1965	Mar 28, 1965	a 25,000	b 27 2	Sept 11, 1965	522	-

a Maximum daily
b Occurred Mar 29, 1965

1892-1965 Maximum discharge, 54,800 cfs Mar 31, 1951, maximum gage height, 34 6 ft Mar 31, 1951, minimum discharge observed, 180 cfs Sept 7, 8, 1925 (gage height, 0 5 ft)
Maximum stage known since at least 1834, 36 6 ft Apr 1, 1886, from information by Georgia Department of Archives (discharge, 68,600 cfs)

Remarks --Records good

Revisions (water years) --WSP 697 1896-1928 WSP 1504 1897-1903, 1905-7, 1909, 1912-13, 1914-15(M), 1916-18, 1919(M), 1920-22, 1923(M), 1924, 1927, 1929-30, 1932, 1933(M), 1936(M), 1938(M), 1946-47(M)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,940	1,160	1,700	3,460	1,430	17,600	6,660	1,940	1,430	2,970	1,210	1,000
2	1,330	1,230	1,330	4,380	1,430	10,900	5,660	2,000	1,330	2,580	1,160	1,640
3	1,040	978	1,160	3,950	1,380	5,450	4,160	2,000	1,280	2,580	1,140	1,140
4	910	820	1,040	2,640	1,430	4,300	3,460	1,880	1,230	2,380	1,540	978
5	865	730	1,000	2,060	1,380	3,810	3,110	1,760	1,230	2,000	1,230	865
6	1,540	710	955	1,820	1,280	3,600	2,700	1,700	1,430	1,820	1,070	888
7	2,900	710	932	1,640	1,590	5,340	2,580	2,060	1,430	1,820	1,160	955
8	2,320	690	888	1,540	4,090	10,900	2,380	1,640	1,940	3,530	1,280	910
9	2,120	670	865	1,430	4,940	14,900	2,440	1,820	1,330	2,770	1,380	865
10	1,700	670	820	1,330	3,810	16,500	4,020	2,320	2,580	2,000	1,180	842
11	1,380	865	2,540	1,280	2,640	16,000	4,020	2,250	4,230	1,640	1,090	752
12	1,180	888	6,220	1,230	2,180	13,600	5,980	2,320	3,320	1,700	1,020	752
13	1,040	865	5,180	1,210	1,940	7,030	10,500	2,120	2,060	4,380	932	775
14	955	798	2,970	1,380	1,760	5,500	10,300	1,880	2,320	3,740	888	730
15	910	752	1,940	1,820	1,640	4,860	6,930	1,760	3,740	2,380	888	820
16	888	710	1,700	2,250	1,540	4,020	4,460	1,820	3,530	2,510	888	820
17	842	730	1,590	2,180	1,480	3,600	4,020	2,250	3,950	2,900	865	775
18	775	730	1,380	2,060	1,480	3,460	3,390	1,760	2,840	2,970	842	730
19	730	730	1,280	1,880	3,120	4,540	2,970	1,940	2,000	2,700	730	690
20	1,040	690	1,230	2,440	8,100	4,540	2,700	1,940	1,700	2,580	710	690
21	1,330	670	1,880	2,510	13,500	3,740	2,510	1,640	6,980	2,510	730	690
22	1,110	670	2,580	2,180	17,200	3,460	2,320	1,540	13,000	2,060	798	690
23	930	798	2,060	1,820	21,200	3,180	2,250	2,640	13,600	2,000	798	690
24	820	1,940	1,640	1,760	23,500	2,900	2,180	2,640	11,700	2,250	820	690
25	752	2,250	1,540	1,590	26,400	2,700	2,060	1,940	7,740	1,880	910	690
26	710	1,640	1,430	1,590	30,000	2,580	2,060	1,880	4,620	1,640	955	670
27	690	1,330	1,380	2,250	30,700	2,440	2,320	3,460	6,180	1,480	955	650
28	710	1,140	1,280	2,120	23,700	2,380	2,770	3,320	5,840	1,380	1,020	630
29	690	1,090	1,230	1,700	-----	2,380	2,320	2,060	4,090	1,330	888	630
30	670	1,380	1,430	1,590	-----	2,320	2,000	1,700	3,880	1,280	798	610
31	730	-----	1,880	1,480	-----	3,810	-----	1,540	-----	1,250	888	-----
TOTAL	35,547	29,034	55,050	62,570	236,840	192,340	115,230	63,100	123,160	71,010	30,763	24,257
MEAN	1,147	968	1,776	2,018	8,387	6,205	3,841	2,035	4,105	2,291	992	809
MAX	2,900	2,250	6,220	4,380	30,700	17,600	10,500	3,460	13,600	4,380	1,540	1,640
MIN	670	670	820	1,210	1,280	2,320	2,000	1,540	1,230	1,250	710	610
CFSM	71	60	110	125	521	345	230	126	255	142	62	50
IN.	.82	.67	1.27	1.45	5.42	4.44	2.66	1.46	2.84	1.64	.71	.56

CAL YR 1960: TOTAL 738,529 MEAN 2,182 MAX 16,300 MIN 205 CFSM 1:78 IN 18.45

WAT YR 1961: TOTAL 1,036,901 MEAN 2,841 MAX 30,700 MIN 610 CFSM 1:78 IN 18.45

2-3875 Oostanula River at Resaca, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	592	575	752	3,250	18,000	13,400	8,600	2,770	1,700	1,180	932	490
2	592	575	730	3,810	11,700	11,000	7,560	2,640	1,540	1,090	820	475
3	752	575	710	3,530	5,760	8,230	5,020	2,510	1,540	1,020	798	475
4	1,380	592	710	3,040	4,380	5,310	3,950	2,380	1,540	1,280	865	490
5	1,380	690	710	2,770	3,880	4,540	3,530	2,320	1,760	1,700	820	490
6	1,000	730	752	3,880	3,810	4,090	3,670	2,250	1,700	1,650	820	522
7	842	775	820	6,220	3,530	3,740	4,700	2,180	1,640	3,460	910	720
8	775	730	842	6,060	3,180	3,460	4,860	2,120	1,540	2,120	1,250	1,430
9	730	630	798	4,380	3,180	3,810	4,230	2,060	1,380	2,120	1,480	820
10	730	610	2,220	3,390	3,250	5,260	3,670	2,000	1,280	1,760	1,230	670
11	710	592	7,200	2,900	2,970	8,010	11,100	1,940	1,210	1,380	955	670
12	690	592	14,900	2,580	2,770	11,500	17,200	1,880	1,640	1,430	820	630
13	670	592	22,700	2,510	2,640	10,000	21,600	1,820	4,090	2,320	775	592
14	650	610	32,000	2,380	2,580	5,980	24,300	1,760	4,380	1,700	820	610
15	630	650	29,300	2,580	2,510	4,620	21,600	1,700	2,700	1,250	798	670
16	610	820	22,200	3,250	2,440	4,090	16,300	1,640	1,760	1,140	752	575
17	610	1,280	16,300	3,250	2,440	3,670	8,630	1,700	1,480	1,380	730	1,120
18	630	1,280	17,700	2,770	2,320	3,390	5,360	1,640	1,380	1,110	690	1,430
19	610	1,040	23,700	2,840	2,760	3,180	4,540	1,590	1,280	1,020	650	955
20	610	865	31,300	3,460	3,040	3,110	4,090	1,540	1,250	955	650	730
21	610	775	28,000	3,110	3,040	4,380	3,810	1,480	1,380	910	610	610
22	610	710	20,700	2,770	7,560	3,530	1,480	1,280	765	775	575	575
23	592	798	13,700	3,470	11,600	4,380	3,390	1,430	1,350	820	775	558
24	592	1,700	5,940	6,220	12,700	3,30	3,460	1,380	1,140	888	650	540
25	575	1,590	3,740	8,010	14,100	3,320	3,250	1,380	1,090	1,280	670	540
26	575	1,230	3,110	12,300	15,300	5,020	3,320	1,430	1,040	1,230	650	540
27	558	1,040	2,900	16,500	15,300	5,740	3,250	1,380	1,330	1,090	610	775
28	558	910	4,620	19,700	14,400	4,540	3,110	1,330	1,880	978	575	1,020
29	558	842	4,860	23,100	-----	3,740	2,970	1,280	1,590	932	540	820
30	558	798	3,740	25,400	-----	3,390	2,900	1,540	1,330	932	522	650
31	558	-----	3,180	22,500	-----	4,620	-----	2,000	-----	955	505	-----
TOTAL MEAN	21,537	25,196	320,834	212,060	181,060	168,470	217,700	56,500	50,100	41,945	24,447	21,192
MAX	1,380	1,700	32,000	25,400	18,000	13,400	24,300	2,770	4,380	3,460	1,480	1,430
MIN	558	575	710	2,380	2,320	3,110	2,900	1,280	1,040	820	505	475
CFSM	.43	.52	6.43	4.25	4.02	3.38	4.51	1.13	1.04	.84	.49	.44
IN.	.50	.58	7.41	4.90	4.18	3.59	5.03	1.31	1.16	.97	.56	.49

CAL YR 1961: TOTAL 1,284,837 MEAN 3,520 MAX 32,000 MIN 558 CFSM 2.19 IN 29.68
WAT YR 1962: TOTAL 1,341,041 MEAN 3,674 MAX 32,000 MIN 475 CFSM 2.28 IN 30.98

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	592	610	1,430	2,640	4,620	1,880	2,440	22,000	2,120	4,540	4,860	775
2	575	610	1,330	2,120	4,090	3,320	2,380	25,200	1,880	3,390	2,700	710
3	2,140	610	1,280	1,880	6,660	3,390	2,320	21,000	1,760	3,250	1,880	690
4	8,400	592	1,230	1,700	8,700	2,640	2,250	15,100	1,640	2,510	1,590	690
5	5,740	592	1,230	1,940	7,470	3,620	2,120	6,540	1,590	2,120	1,430	932
6	2,320	575	1,280	1,480	4,940	15,100	2,180	3,600	1,540	1,880	1,380	1,020
7	1,230	575	1,330	1,380	3,740	20,400	3,040	3,110	1,480	3,040	1,280	842
8	1,110	610	1,250	1,380	3,250	24,100	3,810	2,770	1,430	2,580	1,230	752
9	1,250	1,940	1,230	1,280	2,840	21,900	3,040	2,040	1,480	2,580	1,180	710
10	1,020	5,420	1,210	1,250	2,510	17,100	2,580	2,380	1,430	1,940	1,140	690
11	865	5,260	1,140	1,380	2,380	10,900	2,320	2,320	1,330	1,640	1,090	650
12	820	3,460	1,040	5,580	2,380	10,400	2,120	2,510	1,280	1,480	1,040	650
13	752	2,640	932	6,480	2,380	15,500	2,000	2,180	1,230	1,380	1,020	670
14	730	2,000	1,090	5,020	2,180	18,100	1,880	2,510	1,180	1,380	1,040	775
15	690	1,590	1,210	3,250	2,060	20,900	1,820	3,040	1,160	1,880	1,110	1,020
16	670	1,380	1,160	2,510	1,940	19,200	1,820	2,440	1,160	2,120	1,040	820
17	650	1,280	1,090	2,120	1,760	15,700	1,760	2,120	1,940	2,840	978	730
18	630	3,170	1,070	2,060	1,760	11,900	1,700	2,250	2,510	2,900	955	690
19	610	6,220	1,020	2,840	2,250	7,030	1,640	2,250	1,700	2,320	910	650
20	610	5,660	1,000	10,400	3,590	7,870	1,640	1,940	1,590	2,120	888	630
21	592	4,160	1,000	13,900	3,600	4,270	1,640	1,820	3,670	2,770	888	610
22	752	5,180	1,040	12,300	2,700	4,700	1,590	1,940	3,740	4,280	932	592
23	865	5,180	1,160	6,570	2,320	3,880	1,540	1,700	3,810	2,580	955	575
24	775	4,090	1,110	4,090	2,120	3,530	1,480	1,640	3,390	2,000	865	558
25	690	2,770	1,430	3,460	2,060	3,250	1,430	1,590	2,640	2,000	820	540
26	630	2,250	3,250	2,970	2,000	3,250	1,430	1,760	2,510	2,770	775	522
27	610	1,940	2,700	2,970	1,880	3,670	1,430	2,700	3,250	2,640	775	522
28	610	1,700	2,000	2,970	1,760	3,320	1,540	4,860	3,390	2,000	820	958
29	592	1,640	2,320	2,510	-----	2,900	5,440	5,660	3,530	3,530	820	3,880
30	610	1,540	4,160	2,640	-----	2,700	16,000	3,950	5,100	4,020	820	2,120
31	610	-----	3,600	4,300	-----	2,580	-----	2,580	-----	4,700	865	-----
TOTAL MEAN	38,740	75,244	47,322	116,970	90,300	291,000	78,380	158,040	66,460	81,280	38,076	25,973
MAX	8,400	6,220	4,160	13,900	3,770	24,100	16,000	25,200	5,100	4,700	4,860	3,880
MIN	575	575	932	1,250	1,760	1,880	1,430	1,590	1,160	1,380	775	522
CFSM	.78	1.56	.95	2.34	2.00	5.83	1.62	3.17	1.38	1.63	.76	.54
IN.	.89	1.74	1.09	2.70	2.09	6.72	1.81	3.65	1.54	1.88	.88	.60

CAL YR 1962: TOTAL 1,134,800 MEAN 3,109 MAX 25,400 MIN 475 CFSM 1.93 IN 26.21
WAT YR 1963: TOTAL 1,108,105 MEAN 3,036 MAX 25,200 MIN 522 CFSM 1.89 IN 25.60

2-3875 Oostanaula River at Resaca, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,210	540	3,670	2,700	3,530	3,180	5,810	7,830	1,880	1,000	1,090	820
2	955	752	1,700	4,380	3,250	3,810	4,730	7,200	1,940	1,040	1,090	775
3	820	932	1,280	3,110	2,770	10,500	4,460	15,500	1,880	1,070	955	730
4	820	820	1,210	3,250	2,510	12,500	4,380	19,800	1,760	1,250	1,000	710
5	730	710	1,070	4,380	2,380	12,700	4,940	18,600	1,640	1,210	1,820	690
6	690	752	978	4,090	3,950	12,600	7,470	15,800	1,700	1,070	1,820	670
7	670	842	910	3,950	4,860	10,500	11,900	11,100	1,820	1,000	1,250	650
8	670	775	888	4,230	4,160	7,740	15,300	5,570	1,760	1,070	1,040	650
9	650	690	978	6,390	3,250	5,020	18,300	4,330	1,640	1,380	955	630
10	630	650	1,000	9,900	2,640	4,700	21,100	4,090	1,540	1,760	888	610
11	630	610	1,070	8,800	2,640	4,780	17,100	3,880	1,480	1,590	888	592
12	630	592	5,440	5,900	2,440	4,090	12,800	3,670	1,430	1,380	1,330	630
13	610	575	7,920	4,090	2,380	3,600	9,060	3,740	1,430	1,640	1,280	690
14	592	575	5,500	3,810	3,810	5,300	10,500	3,390	1,480	1,760	1,040	610
15	592	558	3,670	2,970	4,300	17,200	10,100	3,110	1,430	1,330	910	592
16	592	540	2,580	2,510	7,830	26,200	8,880	2,970	1,380	1,230	1,160	575
17	575	540	1,940	2,320	8,700	30,500	6,180	2,840	1,280	1,250	3,740	558
18	575	522	1,590	2,250	5,500	25,800	5,180	2,700	1,250	1,250	3,175	540
19	558	540	1,480	2,120	11,800	19,500	4,380	2,580	1,230	1,160	1,940	540
20	558	540	1,250	2,440	11,400	14,000	4,020	2,440	1,210	1,210	1,430	558
21	540	540	1,210	3,390	8,900	8,810	3,740	2,380	1,180	1,760	1,210	575
22	540	522	1,140	2,970	5,360	6,300	3,530	2,320	1,140	1,380	1,070	558
23	558	540	1,380	1,590	3,950	5,500	3,390	2,320	1,110	1,210	1,070	540
24	540	630	2,320	3,330	3,530	4,620	2,810	2,250	1,090	1,250	1,000	540
25	540	650	2,060	12,700	3,320	7,360	4,380	2,180	1,140	1,430	955	522
26	540	592	1,590	16,800	3,950	17,500	5,260	2,120	1,210	1,590	888	490
27	540	610	1,590	19,300	3,670	29,700	5,820	2,000	1,250	1,380	865	490
28	522	670	1,590	16,300	3,320	26,200	1,180	2,440	1,180	1,180	842	490
29	522	2,440	1,590	12,900	3,390	21,100	7,830	2,060	1,090	1,070	865	650
30	522	5,340	1,480	6,860	-----	16,100	8,300	2,060	1,000	1,040	888	1,540
31	522	-----	1,380	3,670	-----	10,300	-----	2,000	-----	1,180	865	-----
TOTAL MEAN	19,643	25,589	63,454	184,390	137,670	387,710	239,410	164,830	42,550	40,100	39,274	19,215
MAX	1,210	5,340	7,920	19,300	11,800	30,500	21,100	19,800	1,940	1,760	3,740	1,540
MIN	522	522	888	2,120	2,380	3,180	3,390	2,000	1,000	1,000	842	490
CFSM	.39	.53	1.27	3.69	2.95	7.77	4.96	3.30	.88	.80	.79	.40
IN.	.45	.59	1.47	4.26	3.18	8.96	5.53	3.81	.98	.93	.91	.44

CAL YR 1963: TOTAL 1,055,465 MEAN 2,892 MAX 25,200 MIN 522 CFSM 1.60 IN 24.38
WAT YR 1964: TOTAL 1,363,835 MEAN 3,726 MAX 30,500 MIN 490 CFSM 2.31 IN 31.56

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,430	978	1,540	2,380	2,250	2,900	15,300	2,640	1,230	1,090	888	690
2	1,280	955	1,380	2,180	2,770	3,250	11,400	2,440	1,180	1,040	842	670
3	1,000	932	1,330	2,510	3,180	4,860	6,700	2,320	1,180	1,020	798	670
4	2,910	932	2,920	2,700	2,810	6,480	5,700	2,180	1,380	1,380	670	670
5	9,900	910	5,660	2,310	2,320	7,650	7,580	2,060	1,700	1,540	730	670
6	12,600	888	4,090	2,180	2,180	7,380	7,020	2,000	1,590	1,380	775	630
7	9,700	888	2,640	2,060	4,860	6,140	5,660	1,940	1,940	1,140	1,180	630
8	2,640	865	2,060	7,920	4,380	4,480	4,480	3,390	1,880	1,040	1,940	650
9	1,760	910	1,820	1,820	3,810	4,380	1,820	2,770	1,000	1,940	592	592
10	1,480	910	1,640	2,700	5,020	3,390	3,950	1,760	2,000	1,000	1,480	575
11	1,330	888	1,540	5,580	6,660	3,110	3,600	1,700	1,590	1,040	1,090	575
12	1,210	865	2,970	5,580	10,300	3,390	3,460	1,700	1,760	1,110	910	955
13	1,140	842	5,340	4,020	12,200	4,620	3,880	1,760	1,880	1,020	842	2,440
14	1,090	842	4,780	2,900	11,800	3,950	3,670	1,640	1,640	1,040	842	1,700
15	1,090	820	3,040	2,510	10,600	3,320	3,110	1,540	1,760	1,090	752	1,040
16	2,420	820	2,320	2,320	6,220	3,040	3,670	1,480	2,180	1,250	752	820
17	3,950	820	2,060	2,250	3,950	2,840	3,740	1,480	2,060	1,110	752	730
18	2,380	842	2,120	2,060	3,670	3,810	3,180	1,430	1,760	978	775	730
19	1,700	955	2,510	1,940	3,320	4,300	2,970	1,430	1,540	978	752	730
20	1,480	1,230	2,510	1,820	2,970	3,530	3,530	1,430	1,330	888	820	690
21	1,280	1,590	4,160	1,820	2,770	2,970	3,250	1,760	1,250	842	865	650
22	1,230	1,480	3,950	1,760	2,580	2,700	2,840	3,040	1,180	842	842	610
23	1,180	1,230	3,180	1,940	2,440	2,510	2,640	2,640	1,140	798	775	592
24	1,140	1,140	2,700	3,880	2,380	5,120	2,510	2,060	1,090	798	1,040	842
25	1,070	3,720	2,840	3,740	4,860	12,200	2,510	1,700	1,250	910	888	1,090
26	1,040	6,220	3,950	2,900	5,500	16,200	3,110	1,540	1,880	1,250	1,380	1,040
27	1,020	4,540	2,510	2,180	3,810	18,400	3,110	1,540	1,880	1,250	1,140	888
28	1,000	2,640	4,090	2,180	3,180	21,200	4,460	1,430	1,140	1,940	1,110	752
29	1,020	2,060	3,250	2,060	-----	25,000	3,530	1,380	1,090	1,540	1,070	650
30	1,070	1,700	2,700	2,060	-----	20,900	2,900	1,330	1,090	1,280	865	630
31	1,000	-----	2,510	2,250	-----	18,400	-----	1,280	-----	1,020	752	-----
TOTAL MEAN	74,540	44,412	91,760	80,860	139,470	231,750	138,090	56,270	47,990	35,174	30,362	24,601
MAX	12,600	5,660	7,920	19,300	11,800	30,500	21,100	19,800	1,940	1,760	3,740	1,540
MIN	1,000	820	1,330	1,760	2,180	2,510	2,510	1,280	1,090	798	730	575
CFSM	1.49	.92	1.84	1.62	3.09	4.64	2.86	1.13	.99	.70	.61	.51
IN.	1.72	1.03	2.12	1.87	3.22	9.35	3.19	1.30	1.11	.81	.70	.57

CAL YR 1964: TOTAL 1,465,861 MEAN 4,005 MAX 30,500 MIN 490 CFSM 2.49 IN 33.86
WAT YR 1965: TOTAL 995,279 MEAN 2,727 MAX 25,000 MIN 575 CFSM 1.69 IN 22.99

2-3880 West Armuchee Creek near Subligna, Ga

Location --Lat 34°34', long 85°10', on left bank 500 ft downstream from bridge on county road, 1 mile upstream from Ruff Creek, and 2 miles east of Subligna, Chattooga County

Drainage area --34 5 sq mi

Records available --April 1939 to June 1940, May 1960 to September 1965 Monthly discharge only for some periods, published in WSP 1304

Gage --Digital water-stage recorder Altitude of gage is 750 ft above mean sea level (from topographic map) Prior to Mar 11, 1965, graphic water-stage recorder at same site and datum

Average discharge --5 years, 68 4 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,100 cfs), May 1960 to September 1965											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
June 24, 1960	2300	* 1,110	6 36	Apr 11, 1962	1700	1,730	7 20	Mar 25, 1964	2400	3,180	8 45
Feb 23, 1961	0400	* 3,250	8 51	Oct 3, 1962	0800	* 4,750	9 50	May 3, 1964	0200	2,680	8 12
Feb 25, 1961	1100	1,340	6 68	Mar 6, 1963	0200	3,620	8 77	Mar 26, 1965	1100	* 2,660	8 09
Mar 8, 1961	1100	2,440	7 90	Mar 12, 1963	1900	1,900	6 63				
				Apr 29, 1963	1900	3,020	8 35				
Dec 12, 1961	0700	2,680	8 10								
Dec 18, 1961	0700	* 3,780	8 83	Jan 25, 1964	0400	3,100	8 40				
Jan 27, 1962	0600	2,740	8 16	Mar 14, 1964	2200	* 4,000	8 98				

Annual minimum discharge, May 1960 to September 1965

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1960	June 20, 1960	6 6	1 25	1964	Oct 31, Nov 12-14,	a 7 0	-
1961	Sept 17-19, 21-23, 1961	7 6	1 20		16-19, 22, 25, 27, 1963		
1962	Oct 26, 27, Nov 9, 12, 13, 1961	6 0	-	1965	Oct 3, 1964, Sept 2, 1965	a 8 2	-
1963	Sept 23, 1963	a 8 4	-				

a Minimum daily

1939-40, 1960-65 Maximum discharge, 4,750 cfs Oct 3, 1962 (gage height, 9 50 ft), minimum, 3 1 cfs Aug 29, 1939 (gage height, 1 13 ft)
Flood of Mar 29, 1951 reached a stage of 12 1 ft, from floodmarks

Remarks --Records fair Diurnal fluctuation and some regulation at low flow by mills above station

DISCHARGE, IN CUBIC FEET PER SECOND, MAY TO SEPTEMBER 1960

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
1								42	15	16	10	20
2								37	14	15	10	9 6
3								34	14	14	10	8 7
4								32	15	14	9 7	8 4
5								30	13	13	37	8 1
6								29	14	13	10	7 8
7								33	14	13	10	7 8
8								35	13	13	9 6	7 5
9								32	13	13	12	7 5
10								30	12	13	10	7 8
11								29	13	13	9 3	9 3
12								27	11	13	15	8 1
13								26	12	10	12	7 5
14								25	11	11	12	6 9
15								23	11	10	10	7 2
16								23	12	11	9 3	8 1
17								22	13	9 7	8 7	6 6
18								21	13	9 7	8 4	16
19								20	14	10	9 4	13
20								20	7 6	13	12	11
21								19	9 3	12	10	9 6
22								18	10	12	22	9 3
23								18	10	12	16	9 3
24								17	151	12	13	8 7
25								17	88	11	11	8 7
26								17	31	11	10	9 0
27								18	26	11	10	30
28								18	22	11	9 3	29
29								16	20	10	9 0	47
30								16	18	10	8 7	28
31								15	-----	11	9 1	-----
TOTAL								759	639 9	370 4	362 5	434 9
MEAN								24 5	21 3	11 9	11 7	14 5
MAX								42	151	16	37	66
MIN								15	7 6	9 7	8 4	6 9
CFSM								71	62	35	34	42
IN								82	69	40	39	47

2-3880 West Armuchee Creek near Subligna, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	21	27	32	242	40	144	156	35	12	48	15	13
2	18	22	28	128	40	125	116	35	12	42	16	17
3	16	20	26	95	39	109	98	32	11	39	21	12
4	15	19	24	78	36	96	85	30	11	36	18	10
5	21	18	22	67	34	89	73	30	11	32	15	9.5
6	165	18	21	61	33	88	68	27	11	29	14	9.8
7	91	18	20	57	83	176	63	26	10	29	14	12
8	70	18	19	53	164	1,040	60	25	9.8	37	16	10
9	71	17	18	47	118	261	79	28	9.5	28	16	9.8
10	52	20	17	44	92	178	77	27	21	25	14	9.2
11	41	19	204	41	80	139	70	27	17	23	12	9.2
12	34	18	120	40	70	117	322	24	14	26	12	8.9
13	30	17	68	39	63	116	200	22	14	29	11	8.5
14	27	17	53	60	59	105	144	22	27	29	10	8.9
15	26	16	50	60	55	92	115	22	86	27	11	8.9
16	28	16	43	57	51	85	105	22	51	43	11	7.8
17	24	16	37	53	76	76	89	20	38	39	9.8	7.8
18	22	15	33	52	51	91	78	20	32	31	9.2	8.1
19	22	15	31	61	110	83	71	20	28	56	8.9	7.8
20	55	14	33	61	322	80	61	18	31	71	8.9	8.1
21	32	14	125	59	1,060	79	57	17	109	46	12	7.8
22	28	14	79	54	1,130	73	53	18	80	36	11	7.6
23	26	25	60	53	1,670	70	51	26	65	35	11	7.6
24	24	28	51	49	310	65	49	22	81	35	11	7.8
25	21	26	45	44	811	62	47	20	66	30	11	8.1
26	20	24	41	47	282	59	47	19	115	25	11	8.9
27	19	21	37	47	200	58	47	18	114	22	9.8	8.9
28	18	21	33	43	183	61	42	16	80	21	9.2	8.9
29	18	36	33	42	-----	59	39	15	65	20	8.5	8.5
30	17	37	38	40	-----	56	37	12	55	19	8.1	8.5
31	26	-----	67	40	-----	115	-----	12	-----	17	9.8	-----
TOTAL	1,098	606	1,508	1,914	7,237	4,047	2,599	707	1,786.3	1,025	375.2	273.9
MEAN	35.4	20.2	48.6	61.7	258	131	86.6	22.8	53.1	33.1	12.1	9.13
MAX	165	37	204	242	1,670	1,040	322	35	115	71	21	13
MIN	15	14	17	39	33	56	37	12	9.5	17	8.1	7.6
CFSM	1.03	.59	1.41	1.79	7.49	3.78	2.51	.66	1.24	.96	.35	.26
IN.	1.18	.65	1.63	2.06	7.80	4.36	2.80	.76	1.39	1.10	.40	.30

CAL YR 1960: TOTAL 22,676.4 MEAN 62.1 MAX 1,670 MIN 7.6 CFSM 1.80 IN 24.44

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8.1	7.2	9.5	57	109	109	166	35	14	8.5	9.1	7.8
2	7.8	6.9	9.2	57	88	94	113	32	15	7.8	7.4	7.8
3	15	6.9	8.5	78	83	90	29	16	11	6.5	7.6	7.6
4	8.9	7.8	8.5	52	70	75	79	29	51	14	6.5	13
5	7.6	8.1	8.9	50	65	70	74	25	45	12	19	11
6	7.2	7.2	9.5	205	60	62	79	25	29	34	30	8.5
7	6.9	9.2	9.2	154	53	58	91	25	23	24	16	7.4
8	6.9	6.5	8.9	107	53	54	84	21	19	19	48	11
9	6.7	6.3	9.2	87	52	85	74	20	16	20	23	8.5
10	6.7	6.3	77	76	46	100	67	21	14	14	15	7.8
11	6.7	6.3	273	67	42	161	960	20	16	12	12	9.8
12	6.7	6.3	1,880	64	41	139	930	17	52	12	11	7.4
13	6.7	6.0	555	58	38	106	275	17	83	8.9	22	9.6
14	6.7	7.8	156	56	37	88	166	18	42	9.8	11	21
15	6.7	7.8	105	71	35	80	144	15	30	9.5	14	10
16	6.9	21	139	68	37	72	102	12	24	8.9	9.5	11
17	6.9	14	744	63	33	64	86	13	20	8.1	9.5	71
18	7.2	9.5	1,950	61	32	59	78	13	17	7.8	9.8	10
19	6.9	8.1	274	72	38	56	69	12	15	7.6	11	8.1
20	6.9	7.4	156	72	33	55	62	12	16	7.2	9.7	7.4
21	7.2	6.9	112	67	47	156	57	11	14	7.2	8.5	7.4
22	7.2	6.7	87	65	211	107	52	11	13	6.9	8.9	7.6
23	6.5	19	76	139	212	88	50	11	15	6.7	8.9	7.6
24	6.5	21	65	139	188	77	47	9.8	13	11	10	7.6
25	6.3	18	57	239	161	86	47	9.8	12	10	8.1	7.6
26	6.3	15	52	429	161	139	45	10	10	6.7	7.8	12
27	6.5	13	59	1,570	125	109	41	9.5	12	9.0	9.6	12
28	6.9	12	63	1,570	125	93	39	8.9	11	6.3	8.0	9.8
29	7.2	11	56	310	-----	83	43	11	10	7.8	7.2	9.2
30	7.2	9.8	51	188	-----	76	40	41	8.9	10	7.4	8.5
31	7.2	-----	49	139	-----	217	-----	20	-----	6.5	8.1	-----
TOTAL	225.1	296.5	7,117.8	6,407	2,270	2,901	4,250	564.0	675.9	344.2	392.5	298.6
MEAN	7.26	9.88	230	207	81.1	93.6	142	18.2	22.5	11.1	12.7	9.95
MAX	15	21	1,950	1,570	212	217	960	41	83	34	48	21
MIN	6.3	6.0	8.5	50	32	54	39	8.9	8.9	6.3	6.5	7.4
CFSM	.21	.29	6.66	5.99	2.35	2.71	4.11	.53	.65	.32	.37	.29
IN.	.24	.32	7.67	6.91	2.45	3.13	4.58	.61	.73	.37	.42	.32

CAL YR 1961: TOTAL 27,103.8 MEAN 74.3 MAX 1,950 MIN 6.0 CFSM 2.15 IN 29.22

WAT YR 1962: TOTAL 25,742.6 MEAN 70.5 MAX 1,950 MIN 6.0 CFSM 2.04 IN 27.75

2-3880 West Armuchee Creek near Subligna, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8.8	11	31	70	106	56	45	280	38	52	280	11
2	11	9.5	28	60	124	64	41	162	33	50	95	11
3	1,510	10	27	51	340	57	39	114	29	43	64	11
4	105	10	25	45	182	54	37	90	27	35	48	14
5	61	12	27	41	131	551	37	76	27	26	39	14
6	46	10	28	37	108	1,520	46	65	24	38	33	14
7	35	8.8	23	34	94	300	65	56	23	45	28	12
8	34	14	24	32	80	184	56	49	22	34	26	11
9	29	155	23	30	70	135	50	45	19	29	25	11
10	23	121	21	27	64	108	44	41	19	23	22	11
11	22	68	20	58	62	133	38	38	18	23	19	10
12	19	60	18	150	60	642	35	34	16	18	18	12
13	18	54	18	107	53	479	32	42	15	19	19	12
14	17	45	18	88	48	220	29	51	12	21	26	9.2
15	18	39	18	74	43	152	28	35	13	19	18	11
16	15	36	18	64	40	122	26	29	15	44	18	9.8
17	15	38	18	58	35	357	26	28	31	35	14	11
18	14	297	16	59	37	205	24	30	19	27	14	9.5
19	14	142	16	268	87	170	25	26	16	22	15	8.4
20	11	106	15	514	98	283	24	25	27	21	14	11
21	13	100	16	205	82	142	20	24	43	29	14	8.8
22	16	93	18	139	69	110	22	21	37	24	14	8.6
23	12	76	17	126	62	94	18	20	223	18	14	8.4
24	11	65	17	96	60	82	18	18	156	19	13	8.8
25	11	57	37	86	54	75	18	22	94	34	13	10
26	12	49	50	84	49	81	18	44	119	40	13	9.0
27	11	44	44	84	45	68	17	68	104	28	14	9.8
28	11	41	41	69	41	60	17	179	98	26	12	18
29	13	37	95	66	-----	55	1,190	84	76	42	12	13
30	11	34	113	88	-----	50	1,480	61	62	79	12	9.2
31	11	-----	84	107	-----	48	-----	46	-----	117	11	-----
TOTAL	2,157.8	1,842.3	961	3,017	2,324	6,657	3,589	1,903	1,455	1,080	977	330.1
MEAN	69.4	61.4	31.0	97.3	73.0	205	114	61.4	48.1	34.8	31.7	11.0
MAX	1,510	297	113	514	340	1,520	1,480	280	223	117	280	18
MIN	8.8	8.8	15	27	35	48	17	18	12	18	11	8.4
CFSM	2.02	1.78	.90	2.82	2.41	6.22	3.47	1.78	1.41	1.01	.91	.32
IN.	2.33	1.99	1.04	3.25	2.51	7.18	3.87	2.05	1.57	1.16	1.05	.36

CAL YR 1962: TOTAL 23,064.3 MEAN 63.2 MAX 1,520 MIN 8.2 CFSM 1.83 IN 28.94

MAY YR 1963: TOTAL 26,293.2 MEAN 72.0 MAX 1,520 MIN 8.2 CFSM 1.83 IN 28.94

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9.5	9.5	33	35	73	57	79	61	23	11	48	11
2	10	11	27	31	59	334	71	440	23	11	19	10
3	9.8	8.2	24	37	52	422	63	1,130	21	32	15	10
4	8.0	8.2	22	88	47	198	88	270	20	19	16	10
5	8.6	11	19	108	54	230	78	163	18	14	17	10
6	8.2	12	17	106	127	148	535	121	56	12	14	10
7	7.8	9.8	17	141	104	118	340	100	33	11	12	10
8	9.0	8.2	19	108	81	104	330	83	29	62	11	10
9	9.0	8.4	19	561	69	90	198	73	26	26	10	10
10	8.0	8.8	17	205	61	92	139	66	23	18	10	10
11	9.2	7.2	48	126	52	74	111	59	22	16	10	10
12	7.6	7.0	352	102	45	68	104	55	20	26	10	10
13	8.2	7.0	99	81	59	60	570	49	39	24	9.5	9.8
14	8.6	7.0	93	63	71	970	381	44	24	18	9.0	9.5
15	8.8	9.8	74	53	234	2,050	190	41	21	16	9.2	9.5
16	8.4	7.0	59	47	353	408	135	37	19	32	18	9.5
17	8.0	7.0	48	44	158	220	108	34	18	17	19	9.5
18	8.5	7.0	41	39	428	152	90	33	17	14	17	9.5
19	7.4	8.0	34	35	290	127	78	31	16	13	14	9.2
20	7.4	8.8	29	67	163	118	69	29	16	88	13	9.2
21	7.6	7.2	27	61	121	112	61	28	15	67	13	8.8
22	8.0	7.0	24	53	98	95	55	26	14	36	12	8.6
23	7.4	8.6	36	47	80	84	52	45	13	26	12	8.6
24	8.4	8.0	35	361	71	77	58	35	16	22	12	8.4
25	9.5	7.0	32	1,520	77	962	77	28	14	20	11	8.2
26	7.8	10	34	300	70	1,390	77	26	17	16	11	8.2
27	7.6	7.0	37	175	62	330	128	24	15	15	11	8.2
28	7.8	7.8	36	122	67	190	114	24	12	14	11	8.4
29	8.2	186	33	96	59	137	90	24	11	13	11	8.8
30	10	50	28	82	-----	107	73	23	11	13	11	9.2
31	7.0	-----	27	78	-----	92	-----	23	-----	23	11	-----
TOTAL	259.4	449.5	1,438	4,972	3,285	9,616	4,539	3,225	622	745	426.7	282.1
MEAN	8.37	15.7	46.5	160	113	310	151	104	20.7	24.0	13.8	9.0
MAX	10	186	352	1,520	428	2,050	570	1,130	56	88	48	11
MIN	7.0	7.0	17	31	45	57	52	23	11	11	9.0	8.2
CFSM	.24	.45	1.34	4.65	3.28	8.99	4.39	3.02	.60	.70	.40	.27
IN.	.28	.51	1.55	5.36	3.54	10.4	4.89	3.48	.67	.80	.46	.30

CAL YR 1963: TOTAL 23,429.9 MEAN 64.4 MAX 1,520 MIN 7.0 CFSM 1.87 IN 32.37

MAY YR 1964: TOTAL 29,879.7 MEAN 81.6 MAX 2,050 MIN 7.0 CFSM 2.37 IN 32.37

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9.0	16	23	37	32	49	167	47	15	15	14	8.6
2	8.6	15	22	40	48	140	134	42	14	14	14	8.2
3	8.2	15	20	48	43	141	121	37	15	17	13	9.0
4	35	15	319	42	31	230	194	33	15	14	15	8.5
5	30	15	118	40	38	187	186	31	25	15	18	8.4
6	14	15	73	37	41	141	149	29	18	14	16	8.3
7	12	15	55	34	156	113	128	28	29	14	15	8.7
8	10	16	46	32	102	105	112	26	34	13	20	8.5
9	10	15	38	28	107	89	98	25	19	13	14	8.4
10	9.5	14	33	193	104	78	84	24	17	13	12	10
11	9.0	14	40	145	516	69	75	23	19	13	11	11
12	10.0	13	270	502	111	48	21	21	11	11	11	12.6
13	8.8	12	138	82	240	118	58	22	19	11	11	28
14	8.6	11	92	66	162	100	52	21	39	11	10	21
15	10	10	71	58	122	84	56	20	132	11	10	19
16	43	10	59	57	101	72	67	19	42	15	10	17
17	28	10	52	46	93	144	49	19	33	13	10	15
18	21	10	53	41	79	177	45	19	31	39	10	13
19	18	13	42	37	69	120	50	19	26	20	10	13
20	17	17	58	36	60	97	46	19	23	15	10	12
21	16	17	62	33	56	79	41	22	21	14	9.8	11
22	15	12	61	30	50	69	38	20	20	12	9.9	11
23	14	13	54	38	46	63	36	19	19	13	12	19
24	14	14	45	47	45	272	34	18	18	13	18	18
25	14	217	67	43	76	373	46	17	18	23	19	17
26	14	67	75	41	60	1,520	72	17	17	23	14	14
27	14	42	86	37	57	381	126	17	16	21	13	13
28	14	67	34	32	54	87	16	16	16	13	13	12
29	15	29	55	32	-----	803	66	16	16	25	11	11
30	15	25	48	33	-----	394	54	15	15	19	9.6	14
31	15	-----	42	29	-----	229	-----	15	-----	16	8.5	-----
TOTAL	478.7	741	2,284	1,996	3,143	2,539	718	762	514	386.8	499.4	
MEAN	15.4	24.7	73.7	51.5	112	81.6	23.2	25.4	16.6	12.6	16.4	
MAX	34	217	319	193	516	1,520	194	47	132	39	20	126
MIN	8.2	10	20	28	32	49	34	15	14	11	8.5	8.2
CFSM	-.45	-.72	2.14	1.49	3.25	6.33	2.45	-.67	-.74	-.48	-.36	-.48
FW.	.52	.80	2.46	1.72	3.39	7.30	2.74	-.77	.82	-.55	-.42	-.54
CAL YR 1964: TOTAL 31,216.5												
MEAN 82.3												
MAX 1,950												
MIN 8.2												
CFSM 2.62												
FW 22.62												

MOBILE RIVER BASIN

2-3885 Oostanula River near Rome, Ga

Location --Lat 34°18', long 85°08', on left bank 1½ 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

Records available --October 1939 to September 1965 Gage-height records collected at site 4½ miles downstream since 1890 are contained in reports of U S Weather Bureau

Gage --Digital water-stage recorder Datum of gage is 561.70 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 Oct 1, 1939, to Dec 7, 1950, graphic water-stage recorder, at site ¾ miles downstream at same datum Since Oct 1, 1939, auxiliary graphic water-stage recorder at Fifth Avenue Bridge, 4½ miles downstream Staff gage at site of auxiliary gage used as base gage for records published as Coosa River at Rome, Jan 1, 1897, to Dec 31, 1903

Average discharge --26 years, 3,538 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum daily		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 24, 1961	32,700	a 32 58	Sept 25, 1961	790	-
1962	Dec 19, 1961	33,700	32 56	Sept 3, 4, 1962	522	-
1963	May 1, 1963	27,000	30 36	Oct 1, 1962	660	-
1964	Mar 28, 1964	30,200	33 28	Sept 28, 1964	540	-
1965	Mar 31, 1965	26,500	27 55	Sept 7, 1965	643	-

a Occurred Feb 26, 1961

1939-65 Maximum discharge, 47,000 cfs Jan 23, 1947, maximum gage height, 35 13 ft Jan 22, 1947, minimum daily discharge, 408 cfs Oct 25, 1954

Maximum stage known since at least 1834, 40 3 ft in April 1886, at site of present auxiliary gage, from information by Georgia Department of Archives

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,660	1,140	1,730	2,590	1,840	28,600	8,630	2,370	1,640	3,920	1,410	1,130
2	1,890	1,460	1,780	4,900	1,790	25,900	8,550	2,370	1,530	3,100	1,440	1,430
3	1,430	1,390	1,560	5,000	1,760	21,800	6,430	2,450	1,520	2,820	1,330	1,590
4	1,280	1,160	1,230	4,130	1,760	12,400	4,810	2,170	1,380	2,930	1,470	1,730
5	1,230	1,040	1,160	2,960	1,650	5,030	4,030	2,060	1,400	2,420	1,660	1,100
6	1,700	910	1,190	2,420	1,480	4,480	3,790	2,160	1,440	2,270	1,330	1,080
7	2,910	890	1,190	2,230	1,940	5,690	3,350	1,970	1,780	2,120	1,280	1,110
8	3,420	972	1,140	1,950	4,380	10,900	3,260	1,840	2,000	3,060	1,560	1,120
9	4,230	979	1,120	1,830	6,030	18,300	3,180	1,940	1,850	3,340	1,540	1,070
10	2,760	979	1,130	1,740	5,700	18,400	4,110	2,200	1,720	2,540	1,600	1,000
11	2,090	998	2,380	1,610	4,140	17,400	4,920	2,380	3,180	2,020	1,460	930
12	1,710	1,200	6,140	1,530	3,030	16,600	7,440	2,470	3,900	2,020	1,420	933
13	1,500	1,080	6,800	1,490	2,610	14,800	12,300	2,440	2,900	3,700	1,180	930
14	1,340	1,000	5,060	1,810	2,430	8,340	13,000	2,260	2,210	4,930	1,100	922
15	1,230	1,040	3,060	2,190	2,200	6,200	11,300	2,010	2,940	3,280	1,130	916
16	1,160	996	2,310	2,470	2,070	5,400	7,510	1,960	3,870	3,030	1,140	969
17	1,080	985	2,140	2,750	1,940	4,760	5,390	2,100	3,710	2,960	1,120	910
18	1,130	980	1,770	2,680	1,940	4,410	4,630	1,900	3,660	3,260	1,080	890
19	1,050	1,000	1,590	2,510	3,440	4,960	3,910	2,000	2,540	3,140	1,090	922
20	1,170	870	1,510	2,750	9,510	5,480	3,440	2,210	2,080	3,230	930	885
21	1,530	830	2,530	3,030	17,800	4,990	3,180	2,010	4,500	2,900	910	891
22	1,580	914	3,370	2,750	21,600	4,420	3,190	1,750	10,800	2,540	1,010	885
23	1,320	998	3,150	2,400	28,100	4,060	2,910	1,890	13,200	2,190	1,030	873
24	1,100	1,320	2,510	2,210	31,900	3,730	2,740	2,920	14,500	2,260	1,040	810
25	1,070	2,340	2,010	2,060	28,200	3,450	2,590	2,510	12,200	2,100	1,080	790
26	1,040	2,310	1,830	1,960	29,600	3,180	2,540	2,040	8,360	1,950	1,100	896
27	995	1,650	1,770	2,270	32,300	3,020	2,880	2,330	8,130	1,800	1,100	914
28	988	1,380	1,680	2,640	30,300	3,060	3,070	3,500	7,800	1,700	1,130	858
29	1,020	1,290	1,640	2,260	-----	2,990	3,170	2,820	5,330	1,720	1,170	866
30	870	1,350	1,620	1,950	-----	2,950	2,690	2,030	4,490	1,500	1,060	928
31	870	-----	2,020	1,880	-----	5,290	-----	1,770	-----	1,380	1,010	-----
TOTAL	49,353	35,451	70,120	76,950	281,440	280,990	152,940	68,830	136,260	82,130	37,510	29,778
MEAN	1,592	1,142	2,262	2,482	9,064	9,064	4,822	2,220	4,362	2,649	1,223	995
MAX	4,230	2,340	6,800	5,000	32,300	28,600	13,000	3,500	14,500	4,930	1,660	1,590
MIN	870	830	1,120	1,490	1,480	2,950	2,540	1,750	1,380	1,380	910	790
CFSM	.75	.56	1.07	1.17	4.74	4.28	2.40	1.05	2.14	1.25	.58	.47
IN.	.87	.62	1.23	1.35	4.94	4.93	2.68	1.21	2.39	1.44	.67	.52
CAL YR 1960: TOTAL	1,070,796			MEAN 2,926	MAX 18,400	MIN 555	CFSM 1.38			IN 18.78		
WAT YR 1961: TOTAL	1,302,152			MEAN 3,568	MAX 32,300	MIN 790	CFSM 1.68			IN 22.84		

2-3885 Oostanula River near Rome, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	682	715	932	3,720	24,000	14,900	9,950	3,320	2,080	1,240	1,090	697
2	640	724	942	3,990	14,000	13,700	10,300	3,350	1,900	1,120	1,000	560
3	929	741	840	4,610	8,000	11,200	7,720	2,920	1,760	1,180	970	522
4	1,110	747	840	3,680	5,400	7,740	5,320	2,890	1,760	1,320	931	522
5	1,500	705	935	3,400	4,600	5,710	4,550	2,930	2,030	1,820	818	641
6	1,330	772	987	5,150	4,300	4,870	4,720	2,670	2,040	1,770	772	663
7	1,080	860	1,010	7,360	4,000	4,460	5,580	2,570	2,050	3,150	1,010	685
8	865	910	1,070	7,400	3,800	4,010	6,210	2,440	1,910	2,250	1,180	1,100
9	795	837	1,100	6,420	3,700	4,370	5,630	2,400	1,860	2,220	1,520	1,240
10	822	768	1,860	4,700	3,600	5,970	4,620	2,370	1,520	2,780	1,460	818
11	801	752	5,640	4,110	3,500	11,200	11,100	2,200	1,400	1,840	1,230	824
12	801	682	16,100	3,510	3,400	13,100	23,800	2,290	1,840	1,660	865	814
13	781	660	22,700	3,260	3,100	13,000	25,800	2,070	2,930	1,840	772	779
14	761	742	25,200	3,440	3,030	10,100	25,100	2,000	4,840	2,320	951	789
15	682	759	24,800	3,170	2,940	6,780	23,600	1,900	4,040	1,580	1,000	789
16	660	908	25,200	3,750	2,870	5,350	23,100	1,810	2,450	1,760	975	812
17	728	1,140	26,200	3,970	3,010	4,680	21,800	1,830	1,700	1,470	944	828
18	741	1,460	29,300	3,200	2,950	4,320	15,200	1,930	1,460	1,440	942	1,530
19	750	1,320	32,500	3,500	3,020	3,920	6,660	1,830	1,490	1,230	660	1,340
20	750	1,060	29,800	4,000	3,430	3,700	5,130	1,700	1,450	1,140	660	1,010
21	742	959	27,300	3,500	3,870	4,670	4,900	1,700	1,490	1,090	793	848
22	682	909	26,900	3,200	7,400	6,310	4,450	1,630	1,520	915	812	755
23	682	966	26,000	4,600	11,100	5,620	4,080	1,640	1,740	882	1,000	620
24	736	1,270	23,900	7,200	13,000	4,830	3,970	1,610	1,340	1,000	864	600
25	722	2,060	12,900	9,000	14,300	4,490	3,960	1,520	1,160	1,330	870	679
26	715	1,640	4,330	12,000	15,100	6,440	3,810	1,570	1,220	1,420	682	660
27	715	1,320	3,590	18,000	15,300	7,460	3,980	1,520	1,220	1,330	660	673
28	706	1,120	4,560	23,000	15,400	6,620	3,780	1,520	1,240	1,340	750	992
29	640	1,040	5,610	26,000	-----	5,250	3,720	1,510	1,880	965	739	1,070
30	640	968	4,940	28,000	-----	4,550	3,440	1,560	1,640	940	690	924
31	715	-----	3,920	28,000	-----	5,980	-----	2,150	-----	1,070	685	-----
TOTAL	24,903	29,514	390,906	248,840	202,120	215,300	285,980	65,350	57,300	46,812	28,245	24,784
MEAN	653	988	12,610	8,027	5,219	6,945	9,533	2,108	1,510	1,510	811	826
MAX	1,500	2,060	32,500	28,000	24,000	14,900	25,800	3,350	4,840	3,150	1,520	1,530
MIN	640	660	840	3,170	2,870	3,700	3,440	1,510	1,160	882	660	522
CFSM	.38	.46	5.95	3.79	3.40	3.28	4.50	.99	.90	.71	.43	.39
IN.	.44	.52	6.86	4.37	3.55	3.78	5.02	1.15	1.01	.82	.50	.43

CAL YR 1961: TOTAL 1,592,551 MEAN 4,363 MAX 32,500 MIN 640 CFSM 2.06 IN 27.94
 MAY YR 1962: TOTAL 1,620,054 MEAN 4,439 MAX 32,500 MIN 522 CFSM 2.09 IN 28.42

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	660	822	2,090	4,130	5,580	2,260	2,820	26,500	2,890	5,800	6,290	1,010
2	742	826	1,460	2,990	5,520	3,240	2,860	25,800	2,260	4,410	4,970	950
3	2,150	822	1,480	2,570	9,780	2,740	2,740	24,500	2,000	3,880	3,080	910
4	8,400	728	2,240	1,590	11,800	3,660	3,840	3,950	3,550	2,260	870	770
5	8,320	705	1,690	2,120	11,100	4,530	2,600	22,400	1,760	2,710	1,940	911
6	4,920	843	1,640	1,810	8,650	20,900	2,890	12,600	1,670	2,470	1,770	1,140
7	2,140	760	1,660	1,690	5,740	24,400	3,060	4,080	1,580	2,670	1,650	1,090
8	1,400	704	1,870	1,670	4,560	22,900	3,280	1,540	3,750	1,600	1,600	990
9	1,440	1,310	1,410	1,590	9,950	22,300	3,610	3,100	1,510	2,940	1,490	930
10	1,500	4,210	1,390	1,540	3,390	22,500	3,260	2,850	1,510	2,570	1,490	879
11	1,240	6,000	1,460	1,650	3,090	22,300	2,770	2,660	1,530	1,970	1,360	870
12	1,110	4,920	1,430	6,020	2,980	22,000	2,520	2,700	1,470	1,750	1,310	849
13	1,040	3,560	1,230	9,050	2,970	21,500	2,380	2,720	1,420	1,720	1,290	840
14	975	2,960	1,250	7,900	2,830	23,400	2,260	2,830	1,350	1,680	1,440	904
15	865	2,350	1,580	5,400	2,580	21,500	2,140	3,080	1,310	1,710	1,400	1,070
16	918	1,930	1,240	3,810	2,490	22,800	2,020	3,120	1,260	2,330	1,340	1,140
17	907	1,730	1,260	3,030	2,200	22,600	2,000	2,660	1,520	2,760	1,310	945
18	888	2,280	1,230	2,830	2,110	22,300	1,950	2,930	2,490	3,230	1,180	929
19	848	5,820	1,210	4,100	2,790	18,700	1,890	2,530	2,380	2,900	1,140	907
20	819	6,940	1,140	12,600	4,050	12,100	1,890	2,270	2,190	2,460	1,140	884
21	750	6,110	1,150	17,000	4,900	9,600	1,880	2,190	3,960	2,670	1,260	891
22	750	5,560	1,100	16,700	4,000	7,200	1,870	2,120	5,730	3,750	1,090	870
23	987	6,400	1,240	13,800	3,250	5,510	1,720	2,000	4,830	4,330	1,140	776
24	984	5,380	1,270	7,270	2,740	4,750	1,660	5,220	2,930	2,930	1,110	796
25	976	3,840	1,590	4,860	2,600	4,240	1,590	1,900	3,910	3,560	1,050	875
26	857	2,740	2,310	4,290	2,520	4,160	1,590	3,780	3,180	3,790	1,010	804
27	832	2,440	2,600	3,930	2,400	4,300	1,580	3,990	3,570	3,540	935	825
28	750	2,160	2,800	3,750	2,220	4,240	1,790	4,880	4,020	2,900	1,010	2,310
29	728	2,050	3,240	3,370	-----	4,030	7,780	6,160	4,270	2,840	1,020	4,100
30	808	1,940	4,830	3,090	-----	3,320	21,500	5,660	4,560	4,450	969	4,390
31	832	-----	5,160	4,220	-----	3,170	-----	3,720	-----	6,560	1,000	-----
TOTAL	50,536	88,930	57,890	161,020	122,770	394,640	94,540	212,280	78,730	98,580	51,044	35,565
MEAN	1,630	2,964	1,867	5,194	4,385	12,730	3,151	6,848	2,624	3,180	1,647	1,186
MAX	8,400	6,940	5,160	17,000	11,800	24,400	21,500	26,500	5,730	6,560	6,290	4,390
MIN	660	705	1,140	1,540	2,110	2,260	1,580	1,780	1,260	1,680	935	776
CFSM	.77	1.40	.88	2.45	2.07	6.00	1.49	3.23	1.24	1.50	.78	.56
IN.	.89	1.56	1.02	2.82	2.15	6.92	1.66	3.72	1.38	1.73	.90	.62

CAL YR 1962: TOTAL 1,372,987 MEAN 3,759 MAX 28,900 MIN 522 CFSM 1.37 IN 25.07
 MAY YR 1963: TOTAL 1,446,525 MEAN 3,963 MAX 28,900 MIN 522 CFSM 1.37 IN 25.07

2-3885 Oostanaula River near Rome, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,930	757	5,500	1,980	4,880	4,170	22,700	9,650	2,100	1,120	1,330	1,040
2	1,320	822	3,270	4,200	4,410	15,400	12,100	10,400	2,100	1,190	1,220	1,010
3	1,170	930	1,470	4,580	3,600	12,400	6,310	19,300	2,120	1,260	1,110	865
4	1,050	950	1,600	4,110	3,230	15,500	5,890	24,400	1,990	1,240	1,040	813
5	1,120	883	1,460	5,300	3,080	17,200	6,190	23,900	1,980	1,380	1,530	804
6	910	836	1,330	5,770	4,340	16,800	9,740	22,500	1,980	1,240	2,000	764
7	870	914	1,340	5,790	5,950	15,400	14,000	21,400	2,020	1,120	1,610	737
8	1,000	934	1,140	5,590	6,010	12,800	18,400	18,300	2,000	1,200	1,220	727
9	995	908	1,130	8,690	4,790	8,430	21,900	9,310	1,860	1,420	1,070	722
10	945	830	1,230	12,700	3,720	6,410	20,900	5,430	1,750	1,570	981	718
11	945	776	1,860	12,700	3,320	6,030	21,300	4,750	1,660	1,860	988	702
12	1,000	775	4,040	10,100	3,130	5,520	21,300	4,360	1,610	1,850	1,050	715
13	812	762	10,000	6,330	3,060	4,690	21,400	4,240	1,850	1,930	1,330	737
14	794	755	9,330	4,960	4,160	6,910	20,300	4,080	1,690	1,940	1,210	751
15	816	707	6,010	4,140	5,480	19,900	18,900	3,740	1,630	1,710	1,050	721
16	823	782	4,110	3,330	10,300	27,000	16,300	3,500	1,490	1,440	1,060	715
17	830	722	2,830	2,950	11,500	27,400	12,300	3,300	1,440	1,500	2,020	704
18	733	704	2,550	2,800	12,700	28,100	8,040	3,120	1,380	1,510	3,680	691
19	738	713	2,260	2,700	15,600	28,800	6,410	3,010	1,360	1,400	2,630	696
20	740	727	2,030	2,800	15,400	28,500	5,550	2,900	1,330	1,260	1,710	669
21	722	742	1,980	3,530	13,500	26,600	5,040	2,800	1,300	1,770	1,350	663
22	732	720	1,570	3,770	9,870	22,000	4,680	2,730	1,220	1,930	1,180	692
23	732	762	1,640	3,240	6,100	10,700	4,340	2,780	1,220	1,480	1,100	687
24	735	758	2,420	3,740	4,800	6,110	4,430	7,620	1,210	1,340	1,080	674
25	728	812	2,990	14,400	4,520	9,050	5,370	2,380	1,270	1,500	1,060	686
26	740	838	2,370	21,900	5,030	20,300	6,230	2,360	1,300	1,560	1,010	655
27	704	828	2,150	22,000	4,920	27,800	7,570	2,330	1,380	1,480	969	558
28	686	921	2,170	21,100	4,440	29,600	8,410	2,430	1,340	1,360	843	540
29	720	2,130	2,000	20,600	4,310	29,700	9,480	2,320	1,190	1,240	953	663
30	735	5,120	1,880	18,800	-----	28,900	10,000	2,480	1,160	1,200	904	901
31	721	-----	1,740	9,900	-----	27,200	-----	2,230	-----	1,240	859	-----
TOTAL	27,496	29,818	89,820	254,850	186,150	535,300	355,980	229,170	47,930	45,240	41,247	21,980
MEAN	887	994	2,897	8,221	6,419	17,270	11,870	7,393	1,598	1,459	1,331	733
MAX	1,930	5,120	10,000	22,000	15,600	29,700	22,700	24,400	2,120	1,940	3,680	1,040
MIN	686	704	1,140	1,980	3,060	4,170	4,340	2,230	1,290	1,120	968	546
CF5M	.42	.47	1.37	3.88	3.03	8.15	5.60	3.49	.75	.69	.63	.35
IN.	.48	.52	1.58	4.47	3.27	9.39	6.24	4.02	.84	.79	.72	.39

CAL YR 1963: TOTAL 1,396,303

MEAN 3,825

MAX 26,500

MIN 686

CF5M 1.80

IN 24.49

MAY YR 1964: TOTAL 1,864,901

MEAN 5,096

MAX 29,700

MIN 540

CF5M 2.40

IN 32.72

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,390	1,110	1,920	3,030	2,530	3,770	25,600	3,520	1,330	1,210	1,200	773
2	1,370	1,030	1,770	2,700	3,100	4,610	24,200	3,040	1,300	1,180	1,000	745
3	1,110	1,010	1,680	3,120	3,660	6,600	20,500	2,700	1,290	1,200	1,200	727
4	2,870	1,010	3,240	3,130	3,390	8,960	12,400	2,550	1,310	1,120	920	737
5	8,510	994	6,740	2,950	2,910	10,900	10,500	2,390	1,630	1,580	917	749
6	11,000	979	6,200	2,690	2,920	10,600	10,500	2,270	1,820	1,650	971	697
7	12,700	1,010	3,490	2,500	5,200	9,350	8,790	2,180	1,770	1,470	1,130	643
8	7,400	982	2,860	2,340	3,460	6,600	20,500	2,700	1,290	1,200	1,200	727
9	2,500	915	2,440	2,350	9,800	5,330	4,060	2,050	3,710	1,140	2,080	732
10	2,010	1,000	2,190	2,810	8,040	4,570	5,530	1,940	2,690	1,120	1,870	710
11	1,720	995	2,030	5,330	8,330	4,060	4,940	1,890	1,980	1,170	1,420	715
12	1,240	978	3,950	6,650	12,700	4,760	4,760	1,920	1,890	1,190	1,120	872
13	1,560	964	6,330	5,900	16,000	5,780	4,650	1,110	2,090	1,190	1,020	1,670
14	1,520	1,030	6,450	4,120	15,800	5,820	4,710	1,860	2,420	1,140	966	2,140
15	1,520	954	4,850	3,290	13,900	4,780	3,970	1,780	2,570	1,240	948	1,390
16	2,180	864	3,300	2,990	11,400	4,150	3,960	1,680	2,460	1,310	842	967
17	4,530	926	2,720	2,720	2,720	3,810	4,690	1,590	2,390	1,340	886	857
18	3,660	949	2,590	2,480	4,970	4,330	4,230	1,580	2,170	1,150	883	784
19	2,160	1,000	2,880	2,340	4,460	5,400	3,810	1,580	2,070	1,100	902	737
20	1,790	1,130	2,950	2,210	4,330	4,990	3,900	1,590	1,650	1,030	863	699
21	1,570	1,460	3,570	2,120	3,750	4,020	4,050	1,660	1,400	974	983	748
22	1,440	1,560	4,480	2,540	3,170	3,440	7,540	2,160	1,380	943	923	720
23	1,380	1,350	4,060	2,290	3,020	3,210	3,190	3,450	1,330	939	885	695
24	1,420	1,280	3,540	3,370	2,930	7,330	3,120	2,540	1,290	920	902	766
25	1,230	3,170	3,370	4,810	4,670	16,900	2,930	2,040	1,310	948	1,040	925
26	1,070	6,800	4,280	3,960	6,800	20,700	3,570	1,750	1,530	1,160	1,010	954
27	1,290	6,160	4,920	3,120	5,880	24,200	5,040	1,660	1,990	1,500	1,340	881
28	1,480	4,320	4,890	2,730	4,490	23,600	5,350	1,570	1,420	1,900	1,050	849
29	1,470	2,690	4,190	2,470	-----	22,700	4,950	1,530	1,220	2,300	1,080	784
30	1,500	2,050	3,470	2,540	-----	24,700	3,840	1,440	1,210	1,800	950	736
31	1,700	-----	3,050	2,570	-----	26,100	-----	1,360	-----	1,400	834	-----
TOTAL	88,290	50,680	115,060	97,700	183,910	295,830	214,620	63,350	55,800	39,804	33,593	26,128
MEAN	2,848	1,689	3,712	3,152	6,568	9,543	7,154	2,044	1,860	1,284	1,084	871
MAX	12,700	6,800	6,740	6,650	16,000	26,100	25,600	3,520	3,710	2,300	2,080	2,140
MIN	1,070	864	1,680	2,070	2,530	3,210	2,930	1,360	1,210	920	834	643
CF5M	1.34	.80	1.75	1.49	3.10	4.50	3.37	.96	.88	.61	.51	.41
IN.	1.55	.89	2.02	1.71	3.23	5.19	3.76	1.11	.98	.70	.59	.46

CAL YR 1964: TOTAL 1,971,877

MEAN 5,388

MAX 29,700

MIN 540

CF5M 2.54

IN 34.99

MAY YR 1965: TOTAL 1,264,765

MEAN 3,465

MAX 26,100

MIN 643

CF5M 1.63

IN 22.19

2-3890 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

Records available --March 1940 to September 1965

Gage --Digital water-stage recorder. Altitude of gage is 1,050 ft above mean sea level (by barometer). Prior to Oct 1, 1961, graphic water-stage recorder at same site and datum

Average discharge --25 years, 254 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,800 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	1100	3,450	13 0	Apr 11, 1962	2045	2,210	9 23	Mar 26, 1964	0845	* 4,150	14 28
Feb 23, 1961	1600	2,580	10 5	Mar 6, 1963	0915	3,350	12 51	Apr 8, 1964	0745	3,790	13 51
Feb 25, 1961	2200	* 4,150	14 6	Mar 12, 1963	1945	* 4,810	15 62	May 3, 1964	0345	1,960	8 28
Dec 12, 1961	1545	* 5,010	16 18	Apr 29, 1963	2300	3,960	13 9	Oct 5, 1964	0030	* 2,670	10 56
Dec 18, 1961	1230	2,350	11 58	Jan 25, 1964	1145	3,960	13 92				
Feb 22, 1962	0715	2,100	8 83	Mar 15, 1964	1330	3,310	12 39				
Mar 11, 1962	0830	1,930	8 22								

Annual minimum daily discharge, water years 1961-65

Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 28-30, 1961	120	1964	Sept 26, 1964	106
1962	Sept 1, 1962	84	1965	Sept 29, 1965	85
1963	Nov 6, 1962	87			

1940-65 Maximum discharge, 5,010 cfs Dec 12, 1961 (gage height, 16 18 ft), minimum daily, 50 cfs Oct 22-28, 1954

Remarks --Records good Diurnal fluctuation during periods of low flow caused by mills above station

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	230	232	143	369	159	648	768	384	230	303	210	265
2	200	170	140	246	159	575	511	455	228	274	214	237
3	184	159	140	205	159	537	455	372	219	272	207	198
4	170	150	136	184	159	498	440	344	216	256	246	182
5	212	150	136	173	157	470	404	330	325	242	232	173
6	440	150	136	164	152	455	384	327	284	237	226	180
7	267	145	136	159	210	600	366	325	318	232	232	177
8	319	143	136	157	325	1,050	353	316	253	249	221	166
9	400	140	131	150	246	744	462	339	267	223	232	161
10	297	173	129	145	216	575	562	336	336	219	212	159
11	249	168	392	143	200	511	440	425	277	214	306	161
12	223	154	339	140	189	484	847	359	267	310	226	180
13	207	150	228	140	182	484	744	347	251	484	203	164
14	193	147	191	232	177	498	562	319	249	341	196	175
15	186	143	182	235	173	455	511	308	244	280	191	196
16	180	143	168	216	170	425	537	306	262	295	193	157
17	170	143	159	193	166	407	470	287	239	314	180	150
18	166	140	152	182	258	470	440	287	230	262	175	145
19	164	138	147	191	484	470	425	297	221	262	175	150
20	214	136	145	219	551	425	400	274	256	300	177	159
21	177	136	200	191	3,020	440	391	270	1,030	440	175	145
22	166	134	170	170	933	440	384	290	550	375	168	140
23	161	210	170	177	1,820	410	375	381	388	407	170	138
24	157	205	159	170	936	391	369	284	362	347	267	134
25	150	173	154	161	3,470	372	362	274	314	287	210	131
26	147	159	152	175	1,870	362	381	290	322	260	214	129
27	152	157	145	173	864	353	470	277	339	244	226	122
28	147	152	143	164	744	353	410	256	511	235	191	120
29	145	159	147	161	-----	347	369	246	347	226	180	120
30	143	150	182	161	-----	339	356	242	316	219	177	120
31	193	-----	180	159	-----	752	-----	235	-----	216	226	-----
TOTAL	6,409	4,709	5,270	5,705	18,149	15,340	13,948	9,782	9,711	8,825	6,458	4,834
MEAN	207	157	170	184	648	495	465	316	324	285	208	161
MAX	440	232	392	369	3,470	1,050	847	455	1,030	484	306	265
MIN	143	134	129	140	152	339	353	235	216	214	168	120
CFSM	2.01	1.52	1.65	1.79	6.29	4.80	4.51	3.06	3.14	2.76	2.02	1.56
IN.	2.31	1.70	1.90	2.06	6.55	5.54	5.04	3.53	3.51	3.19	2.33	1.75

CAL YR 1960: TOTAL 98,750 MEAN 270 MAX 1,240 MIN 99 CFSM 2.62 IN 35.66
 WAT YR 1961: TOTAL 109,140 MEAN 299 MAX 3,470 MIN 120 CFSM 2.90 IN 39.41

MOBILE RIVER BASIN

2-3890 Etowah River near Dawsonville, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	123	121	125	318	428	444	778	413	255	173	143	84
2	121	120	124	312	398	415	536	402	253	169	140	87
3	162	119	123	289	375	401	474	390	283	168	143	86
4	174	141	122	284	362	388	445	386	262	232	141	93
5	141	138	123	279	358	377	433	380	327	186	135	98
6	132	137	133	534	342	366	642	374	293	422	132	87
7	134	149	129	436	320	356	877	367	248	328	149	216
8	132	126	120	362	320	345	610	360	236	377	158	145
9	131	120	120	321	351	407	531	353	229	403	136	114
10	128	119	1,000	305	328	423	489	347	226	248	125	113
11	126	119	1,040	286	306	1,300	1,390	343	227	212	122	118
12	126	118	4,320	287	301	920	1,590	335	311	206	121	106
13	125	120	1,890	282	295	610	992	328	287	207	125	99
14	123	150	671	275	290	510	737	320	236	187	133	99
15	121	168	481	324	282	466	688	313	220	178	123	97
16	122	236	433	310	309	438	614	309	214	178	118	124
17	122	191	991	283	288	415	576	314	209	171	116	520
18	122	149	2,520	274	278	400	553	298	206	168	114	166
19	121	137	894	310	398	392	534	291	198	140	114	126
20	121	130	607	308	335	392	515	283	204	155	114	116
21	122	126	492	298	470	758	497	276	206	161	123	108
22	122	124	432	289	1,480	529	485	273	191	151	137	106
23	120	184	428	332	671	458	481	288	187	146	125	106
24	120	250	382	355	871	427	483	266	182	210	115	103
25	120	168	349	530	639	421	462	310	178	217	113	103
26	117	149	328	673	613	546	458	277	196	178	106	107
27	116	151	329	515	523	470	446	260	231	157	101	121
28	119	135	391	1,120	480	430	439	253	218	152	100	103
29	120	130	329	777	-----	408	442	248	191	163	95	100
30	121	126	305	553	-----	398	427	287	182	165	92	100
31	121	-----	291	472	-----	681	-----	262	-----	155	91	-----
TOTAL	3,925	4,341	20,022	12,293	12,411	15,291	18,644	9,906	6,886	6,383	3,800	3,753
MEAN	127	145	646	397	443	493	621	320	230	206	123	125
MAX	174	250	4,320	1,120	1,480	1,300	1,590	413	327	422	158	520
MIN	116	118	120	274	278	345	427	248	178	146	91	84
CFSM	1.23	1.40	6.27	3.85	4.30	4.79	6.03	3.10	2.23	2.00	1.19	1.21
IN.	1.42	1.57	7.23	4.44	4.48	5.52	6.73	3.58	2.49	2.30	1.37	1.36

CAL YR 1961: TOTAL 121,040 MEAN 332 MAX 4,320 MIN 116 CFSM 3.22 IN 43.70
 MAY YR 1962: TOTAL 117,655 MEAN 322 MAX 4,320 MIN 84 CFSM 3.13 IN 42.48

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	98	89	122	200	224	223	298	967	251	463	207	131
2	125	89	119	179	234	284	288	560	241	358	194	128
3	178	90	116	165	500	215	279	465	235	323	186	127
4	169	89	122	156	335	200	272	415	229	286	181	128
5	123	88	123	149	265	560	258	382	228	260	186	140
6	110	87	122	143	240	2,320	289	358	222	249	178	127
7	106	88	115	140	224	562	300	339	218	272	171	153
8	114	90	113	136	212	400	268	322	212	247	168	131
9	121	275	113	132	200	345	299	309	212	234	163	125
10	103	193	108	131	193	313	251	300	205	225	161	123
11	100	136	108	211	193	382	242	296	200	217	160	121
12	99	173	96	504	220	2,430	237	277	194	213	156	119
13	98	191	92	249	198	2,000	230	284	191	210	158	122
14	96	137	121	199	187	692	227	403	200	232	178	228
15	96	123	109	179	179	540	224	301	188	222	154	191
16	95	117	115	168	174	483	220	280	212	220	151	145
17	95	119	107	161	171	689	220	271	315	221	150	133
18	93	215	104	181	169	580	218	277	291	206	147	129
19	91	187	102	333	271	499	216	258	235	204	146	127
20	90	155	102	877	246	576	228	255	250	223	145	122
21	92	373	104	378	212	472	214	260	381	293	156	119
22	108	484	160	275	193	419	210	226	296	210	198	116
23	95	236	129	246	188	396	204	238	360	238	150	116
24	90	185	116	217	186	380	194	236	313	234	140	113
25	89	163	397	215	181	368	196	237	253	302	136	112
26	90	149	363	201	176	401	198	262	346	265	137	112
27	90	138	221	169	169	367	182	365	643	215	154	112
28	92	135	181	181	168	339	339	453	544	239	147	618
29	92	135	386	180	-----	327	2,250	443	487	248	156	606
30	91	127	386	216	-----	312	3,500	308	718	247	160	209
31	92	-----	240	250	-----	305	-----	271	-----	232	139	-----
TOTAL	3,221	4,856	4,918	7,161	6,108	18,379	12,521	10,639	8,870	7,812	5,013	4,985
MEAN	104	162	159	231	218	593	417	343	296	252	162	166
MAX	178	484	397	877	500	2,430	500	967	718	643	207	618
MIN	89	87	92	131	168	200	192	236	188	204	136	112
CFSM	1.01	1.57	1.54	2.24	2.12	5.76	4.05	3.33	2.87	2.45	1.57	1.61
IN.	1.16	1.75	1.78	2.59	2.21	6.64	4.52	3.84	3.20	2.82	1.81	1.80

CAL YR 1962: TOTAL 102,362 MEAN 280 MAX 1,590 MIN 84 CFSM 2.72 IN 36.96
 MAY YR 1963: TOTAL 94,483 MEAN 259 MAX 3,500 MIN 87 CFSM 2.51 IN 34.11

2-3890 Etowah River near Dawsonville, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	171	127	189	523	364	304	617	656	398	223	289	141
2	155	149	167	268	311	493	587	865	380	237	221	136
3	148	120	179	220	290	771	559	1,420	364	234	202	137
4	143	117	156	203	277	488	561	835	355	252	217	136
5	137	120	144	188	309	749	540	725	349	222	201	134
6	134	143	137	181	615	495	2,310	666	356	211	207	192
7	132	125	134	229	407	429	2,380	627	349	206	191	128
8	130	117	140	209	346	396	3,210	599	340	220	183	126
9	128	115	142	776	312	373	1,200	577	327	243	178	124
10	126	115	131	436	298	414	931	558	318	236	184	123
11	125	113	163	300	301	366	829	542	309	236	207	125
12	125	110	479	353	275	344	776	546	302	279	220	150
13	123	109	264	362	320	331	946	530	384	254	184	135
14	122	109	272	280	407	598	945	506	308	220	172	128
15	121	109	223	247	390	2,710	799	492	294	207	179	125
16	120	109	192	233	594	997	734	476	284	388	331	123
17	119	109	173	224	412	703	695	465	277	253	358	120
18	118	108	162	216	555	593	664	452	274	231	237	119
19	117	108	151	206	500	537	640	439	266	230	204	124
20	117	108	152	289	413	553	614	434	259	361	189	132
21	115	108	144	259	368	564	594	426	252	426	180	124
22	113	107	139	231	344	517	578	533	247	577	176	121
23	115	146	169	218	326	477	571	447	243	457	177	118
24	117	164	165	812	313	454	582	611	326	326	171	113
25	117	121	153	3,270	331	1,200	649	457	265	313	163	107
26	115	120	155	794	335	3,890	691	427	254	254	157	106
27	114	141	153	532	318	1,380	1,150	411	255	230	154	108
28	114	132	148	432	327	889	926	404	240	215	169	123
29	111	111	142	376	321	773	873	401	231	213	157	177
30	110	281	137	345	-----	701	725	400	225	221	154	688
31	111	-----	176	339	-----	654	-----	389	-----	234	148	-----
TOTAL	3,863	4,291	5,431	13,551	10,679	24,143	27,876	17,316	9,031	8,404	6,160	4,383
MEAN	125	143	175	437	342	779	899	561	301	271	199	146
MAX	171	611	479	3,270	615	3,890	3,210	1,420	398	577	358	688
MIN	110	107	131	181	275	304	540	389	225	206	148	106
CFSM	1.21	1.39	1.70	4.24	3.58	7.56	9.02	5.42	2.92	2.63	1.93	1.42
IN.	1.39	1.55	1.96	4.89	3.86	8.72	10.1	6.25	3.26	3.03	2.22	1.58

CAL YR 1963: TOTAL 95,073 MEAN 260 MAX 3,500 MIN 107 CFSM 2.53 IN 34.33
 WAT YR 1964: TOTAL 135,128 MEAN 369 MAX 3,890 MIN 106 CFSM 2.58 IN 48.79

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	337	166	185	243	240	316	452	367	212	183	141	104
2	235	164	182	237	289	491	468	209	176	137	158	166
3	191	164	179	257	250	478	409	334	211	183	133	172
4	1,300	162	355	232	238	558	447	322	209	197	130	117
5	1,400	160	309	224	231	541	414	313	219	177	130	108
6	509	158	242	219	246	452	397	305	218	170	131	102
7	348	157	219	215	841	402	383	296	248	176	234	101
8	282	165	207	211	586	374	371	289	320	174	282	97
9	244	159	199	208	425	355	364	285	231	169	162	94
10	223	154	192	285	406	340	352	288	214	166	150	96
11	207	154	187	279	416	328	349	300	269	212	133	104
12	198	152	282	239	451	378	392	280	304	174	133	146
13	192	153	254	227	413	363	356	269	254	171	142	158
14	188	150	223	218	372	337	338	261	244	166	136	111
15	197	148	208	211	348	323	338	295	307	165	133	102
16	520	148	200	221	324	312	466	251	320	160	133	97
17	315	148	198	208	349	347	371	248	253	151	124	97
18	245	148	219	203	336	406	348	247	235	151	129	113
19	220	152	200	201	312	344	379	243	216	159	120	102
20	206	164	278	200	295	329	366	237	207	149	142	96
21	199	153	276	208	287	310	341	274	200	145	124	92
22	195	144	240	207	277	302	330	402	194	141	118	90
23	189	144	227	524	268	302	322	274	193	141	118	90
24	183	167	220	568	306	838	321	251	203	144	120	111
25	181	679	466	351	652	747	481	241	209	154	175	104
26	179	334	422	298	420	779	426	236	192	191	150	90
27	176	236	515	266	357	686	904	232	187	248	122	89
28	176	224	358	248	332	532	540	232	190	239	118	87
29	177	214	301	241	-----	589	438	223	185	191	115	85
30	172	195	273	268	-----	589	393	217	184	169	111	109
31	169	-----	258	246	-----	498	-----	214	-----	149	108	-----
TOTAL	9,553	5,616	8,074	7,963	10,267	13,946	12,214	8,534	6,837	5,341	4,334	3,123
MEAN	308	187	260	257	367	450	407	275	228	172	140	104
MAX	1,400	679	515	568	841	838	904	402	320	248	282	158
MIN	169	144	179	200	231	302	321	214	184	141	108	85
CFSM	2.99	1.82	2.53	2.49	3.56	4.37	3.95	2.67	2.21	1.67	1.36	1.01
IN.	3.45	2.03	2.92	2.88	3.71	5.04	4.41	3.08	2.47	1.93	1.56	1.13

CAL YR 1964: TOTAL 144,786 MEAN 396 MAX 3,890 MIN 106 CFSM 3.84 IN 52.28
 WAT YR 1965: TOTAL 95,802 MEAN 262 MAX 1,400 MIN 85 CFSM 2.55 IN 34.59

2-3893 Shoal Creek near Dawsonville, Ga

Location --Lat 34°25'25", long 84°08'40", on left bank 350 ft upstream from bridge on State Highway 53, 650 ft upstream from Flat Creek, 1 mile west of Dawsonville, Dawson County, and 6½ miles upstream from mouth

Drainage area --20 5 sq mi

Records available --Occasional low-flow measurements, 1952, 1954, 1956 June 1958 to September 1965

Gage --Digital water-stage recorder Altitude of gage is 1,250 ft above mean sea level (from topographic map) Prior to Sept 30, 1963, graphic water-stage recorder at same site and datum

Average discharge --7 years, 51 6 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (800 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	0600	1,900	6 55	Mar 11, 1962	0700	870	4 12	Mar 15, 1964	0515	1,040	4 62
Feb 23, 1961	0600	1,280	5 23	Sept 17, 1962	0100	981	4 45	Mar 25, 1964	2245	2,380	7 59
Feb 25, 1961	0800	* 2,380	7 60	Mar 5, 1963	2300	1,860	6 52	Apr 6, 1964	1115	2,080	6 99
July 12, 1961	1700	816	4 02	Mar 12, 1963	1400	* 6,160	11 85	Apr 8, 1964	0330	* 4,000	10 01
Dec 10, 1961	1200	816	4 00	Apr 29, 1963	2000	2,440	7 70	July 21, 1964	1900	834	4 04
Dec 12, 1961	-	* 2,280	7 40	Sept 28, 1963	1700	1,050	4 63	Oct 4, 1964	1800	881	4 18
Dec 18, 1961	0600	1,450	5 60	Jan 25, 1964	0300	2,440	7 68	Mar 24, 1965	1215	* 1,140	4 85
Feb 22, 1962	0400	1,520	5 28								

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 26-30, 1961	22	1964	Sept 25-27, 1964	23
1962	Sept 3, 4, 6, 7, 1962	16	1965	Sept 28, 1965	a 17
1963	Dec 12, 1962	14			

a Minimum daily

1958-65 Maximum discharge, 6,160 cfs Mar 12, 1963 (gage height, 11 85 ft), from rating curve extended above 1,400 cfs on basis of slope-area measurement at gage height 7 60 ft and contracted-opening measurement at gage height 11 85 ft, minimum, 14 cfs Aug 28, 1959, Dec 12, 1962

A discharge of 13 2 cfs was measured on Oct 13, 1954

Remarks --Records good except those for period of no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	37	32	25	59	30	73	128	66	40	46	34	38
2	34	28	24	38	29	68	74	70	40	42	33	36
3	32	27	24	34	29	63	68	60	40	41	55	32
4	30	25	24	32	28	62	62	58	40	40	40	32
5	43	25	24	30	28	59	59	57	99	38	36	31
6	54	25	24	29	28	62	58	55	57	37	48	30
7	40	25	24	28	45	79	56	54	49	39	43	34
8	59	24	24	28	50	203	54	53	44	40	56	30
9	60	24	24	26	40	89	81	58	72	36	46	29
10	46	34	24	26	36	73	72	56	55	36	40	29
11	40	28	81	25	34	66	62	70	54	36	39	29
12	36	26	46	25	32	63	176	60	47	134	36	28
13	33	25	36	25	31	69	92	60	54	92	36	28
14	32	25	32	46	30	66	73	55	48	64	34	24
15	30	25	31	40	30	62	73	53	49	61	35	32
16	29	24	29	37	29	59	81	51	48	59	35	28
17	28	24	28	34	28	57	68	49	46	56	33	27
18	28	24	26	32	53	69	63	49	45	50	32	26
19	28	24	26	36	68	63	62	50	42	51	33	29
20	38	24	27	36	189	59	60	47	74	53	32	28
21	30	24	35	32	869	64	59	47	115	80	32	26
22	28	23	28	31	109	60	58	47	66	58	32	25
23	27	44	27	30	410	58	57	60	51	51	34	24
24	26	32	26	29	122	56	57	50	54	45	45	24
25	25	29	26	28	1,010	55	56	47	48	42	37	24
26	25	28	26	32	128	53	60	50	54	40	38	24
27	25	26	25	30	70.5	53	48	50	54.4	39	34	23
28	25	26	25	28	81	53	45	46	52	38	34	23
29	25	28	26	29	---	52	59	43	46	36	37	23
30	24	26	32	30	---	51	58	42	45	36	32	23
31	37	---	36	30	---	166	---	41	---	36	40	---
TOTAL	1,054	804	915	995	3,686	2,184	2,135	1,652	1,631	1,552	1,168	849
MEAN	34.0	26.8	29.5	32.1	132	70.5	71.2	53.3	54.4	50.1	37.7	26.3
MAX	60	44	81	59	1,010	203	176	70	115	134	56	38
MIN	24	23	24	25	28	51	54	41	40	36	32	23
CFSM	1.66	1.31	1.44	1.57	6.42	3.44	3.47	2.60	2.65	2.44	1.84	1.38
IN.	1.91	1.46	1.66	1.81	6.69	3.96	3.87	3.00	2.96	2.82	2.12	1.54

CAL YR 1960: TOTAL 15,973 MEAN 43.6 MAX 447 MIN 20 CFSM 2.13 IN 28.98
WAT YR 1961: TOTAL 18,625 MEAN 43.6 MAX 1,010 MIN 23 CFSM 2.49 IN 33.78

2-3893 Shoal Creek near Dawsonville, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	23	25	23	56	58	68	106	63	45	31	26	18
2	22	25	23	54	54	63	81	62	43	30	25	18
3	31	25	23	50	52	61	74	60	51	31	25	18
4	28	29	23	50	50	60	72	59	41	42	25	18
5	26	25	24	49	50	59	72	58	42	46	24	21
6	25	25	25	86	48	58	126	57	41	145	24	18
7	25	25	25	63	46	55	113	56	39	62	30	90
8	25	23	23	57	46	55	98	55	38	110	34	32
9	25	22	23	53	52	71	77	54	37	64	25	27
10	24	22	240	52	48	76	73	54	37	46	24	28
11	24	22	534	49	46	327	198	53	37	40	23	26
12	25	22	950	48	45	157	288	52	47	40	23	24
13	25	23	500	46	43	90	120	50	40	37	24	22
14	24	28	70	45	43	78	97	49	37	34	24	22
15	24	28	57	56	42	74	98	48	36	32	23	22
16	25	35	60	51	49	71	83	47	35	33	22	39
17	25	28	388	47	44	68	80	45	35	32	22	211
18	25	25	520	46	43	65	79	44	33	32	21	40
19	25	24	99	56	60	65	77	44	32	30	23	31
20	25	24	75	55	49	65	74	43	36	29	22	27
21	25	23	68	53	91	130	73	42	35	28	24	25
22	25	23	62	52	477	79	71	40	33	28	39	24
23	25	45	64	57	102	73	72	40	32	27	31	24
24	25	40	58	62	136	70	70	39	32	33	25	23
25	25	29	55	97	89	71	68	40	31	39	23	22
26	24	27	52	97	93	93	68	40	40	33	22	24
27	24	25	54	77	77	74	66	39	46	29	21	26
28	25	25	63	242	72	71	65	37	42	29	21	72
29	25	24	54	89	-----	68	68	38	36	31	20	22
30	25	24	51	71	-----	66	65	60	32	29	20	21
31	25	-----	50	61	-----	129	-----	45	-----	28	19	-----
TOTAL	774	790	4,336	2,027	2,105	2,611	2,752	1,513	1,141	1,280	755	985
MEAN	25.0	26.3	140	65.4	75.2	84.2	91.7	48.8	38.0	41.3	24.4	32.8
MAX	31	45	950	242	477	327	268	63	51	145	39	211
MIN	22	22	23	45	42	55	37	31	32	27	19	18
CFSM	1.22	1.28	6.82	3.19	3.67	4.11	4.47	2.38	1.86	2.01	1.19	1.60
IN.	1.40	1.43	7.87	3.68	3.82	4.74	4.99	2.74	2.07	2.32	1.37	1.79

CAL YR 1961: TOTAL 21,752 MEAN 59.6 MAX 1,030 MIN 22 CFSM 2.01 IN 38.22
 MAY YR 1962: TOTAL 21,069 MEAN 57.9 MAX 1,930 MIN 18 CFSM 2.83 IN 38.22

Note --No gage-height record Dec 12, 13

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	21	18	26	38	44	49	45	129	46	71	59	30
2	28	18	25	35	53	47	102	44	65	51	29	29
3	29	18	25	32	98	40	43	85	42	53	47	29
4	24	18	25	31	58	38	43	75	41	48	45	30
5	21	18	26	29	50	322	42	69	40	45	43	30
6	20	18	25	28	45	351	48	63	40	46	41	28
7	20	18	25	28	41	90	48	60	38	45	40	31
8	22	18	24	27	40	69	44	56	37	43	40	29
9	20	50	24	26	37	57	43	54	36	40	39	28
10	18	32	23	26	37	50	42	51	35	38	38	28
11	18	25	23	45	37	54	40	54	34	37	37	27
12	18	38	22	69	44	1,700	40	49	33	37	36	28
13	18	34	22	42	39	250	39	57	32	36	40	28
14	18	28	22	37	37	123	38	80	36	41	38	61
15	18	25	22	33	35	99	38	57	32	39	36	42
16	18	25	22	32	34	81	38	52	39	40	36	36
17	18	26	22	31	33	95	38	50	70	40	35	32
18	17	46	22	36	33	77	37	48	64	37	33	32
19	16	36	21	119	58	69	37	46	46	36	33	30
20	16	34	21	135	46	75	44	47	47	44	33	29
21	18	108	22	68	41	63	39	48	80	49	40	28
22	18	73	32	51	37	59	37	45	63	39	36	28
23	17	44	25	47	36	56	36	43	78	62	33	28
24	16	37	24	42	36	53	35	42	64	55	32	27
25	17	33	80	39	35	52	35	43	55	80	32	27
26	17	31	56	38	34	60	35	50	69	58	32	26
27	18	29	40	40	33	53	34	82	99	46	35	26
28	18	29	34	34	35	92	74	69	90	51	35	258
29	18	28	85	34	-----	48	1,000	73	87	86	41	88
30	18	27	61	47	-----	47	496	57	96	86	36	55
31	18	-----	44	46	-----	46	-----	51	-----	72	32	-----
TOTAL	591	982	970	1,366	1,184	4,324	2,670	1,892	1,592	1,599	1,182	1,228
MEAN	19.1	32.7	31.3	44.1	42.3	139	85.0	61.0	53.1	51.6	38.1	40.9
MAX	29	108	85	135	98	1,700	1,000	129	99	90	59	258
MIN	16	18	21	26	33	38	34	42	32	36	32	26
CFSM	.93	1.60	1.53	2.15	2.06	6.80	4.34	2.98	2.59	2.52	1.86	2.00
IN.	1.07	1.78	1.76	2.48	2.15	7.84	4.84	3.43	2.89	2.90	2.14	2.23

CAL YR 1962: TOTAL 17,712 MEAN 48.5 MAX 477 MIN 16 CFSM 2.37 IN 32.13
 MAY YR 1963: TOTAL 19,580 MEAN 53.6 MAX 1,700 MIN 16 CFSM 2.62 IN 35.52

2-3893 Shoal Creek near Dawsonville, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	42	33	38	101	64	56	95	93	68	40	65	31
2	37	29	36	48	57	158	91	227	65	43	49	30
3	35	26	37	41	53	121	88	289	64	43	45	30
4	32	25	33	37	51	84	92	129	63	44	48	30
5	31	27	31	34	64	139	88	110	61	40	45	29
6	30	29	30	35	110	81	758	101	64	38	44	29
7	29	26	29	42	69	74	713	96	62	37	41	28
8	29	25	32	41	61	72	1,230	92	59	41	40	27
9	28	25	30	173	56	68	186	89	57	55	39	27
10	28	25	28	69	55	76	146	86	55	53	40	26
11	28	25	39	54	54	67	128	84	54	45	41	27
12	27	24	105	67	51	64	116	86	53	52	40	35
13	27	24	52	62	67	62	159	82	73	46	38	31
14	27	24	45	46	78	178	165	80	56	41	37	29
15	27	24	45	46	78	565	111	78	53	39	39	28
16	26	24	37	43	88	138	102	76	51	79	70	27
17	26	24	34	42	68	109	98	76	50	50	57	26
18	26	24	32	40	111	94	95	75	49	55	43	26
19	26	24	31	39	83	88	92	77	47	47	41	28
20	26	24	30	56	70	88	89	71	46	104	39	29
21	25	24	29	46	64	91	86	71	45	142	38	27
22	25	24	27	42	61	82	84	87	44	153	38	27
23	25	24	34	40	58	77	85	79	43	101	38	26
24	26	30	32	357	57	74	87	77	46	70	37	25
25	26	26	32	733	63	632	101	71	46	70	35	24
26	25	26	33	124	62	944	109	68	45	58	34	24
27	25	26	31	171	59	175	136	67	53	57	27	24
28	25	30	30	79	61	139	125	66	42	50	37	27
29	25	122	28	69	58	122	115	67	41	48	34	56
30	25	49	28	62	-----	109	100	66	40	47	34	186
31	25	-----	41	63	-----	101	-----	65	-----	59	32	-----
TOTAL	864	907	1,133	2,832	1,925	4,928	5,685	2,881	1,587	1,839	1,293	1,019
MEAN	27.9	30.2	36.5	91.4	60.4	159	190	92.9	52.9	59.3	41.7	34.0
MAX	42	122	105	733	111	944	1,230	289	73	153	70	186
MIN	25	24	27	34	51	56	84	65	40	37	32	24
CFSM	1.36	1.47	1.78	4.46	3.24	7.75	9.24	4.53	2.58	2.89	2.03	1.66
IN.	1.57	1.65	2.06	5.14	3.49	8.94	10.3	5.23	2.88	3.34	2.35	1.85

CAL YR 1964: TOTAL 19,991

MEAN 75.9

MAX 1,230

MIN 24

CFSM 3.58

IN 38.18

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	61	29	35	42	43	49	70	61	42	36	25	21
2	50	29	34	44	49	85	66	58	40	35	25	23
3	41	29	33	45	43	68	66	56	42	37	24	24
4	373	28	68	43	41	90	73	25	42	37	23	24
5	176	28	49	42	40	72	68	54	44	35	24	22
6	79	28	41	42	48	64	65	53	43	34	24	22
7	62	28	39	41	134	59	63	52	52	36	37	21
8	54	30	36	41	77	56	62	51	57	35	34	20
9	50	28	36	41	63	54	60	53	45	33	32	20
10	47	28	35	51	60	52	59	53	42	34	29	21
11	46	28	34	42	61	50	59	52	46	43	27	21
12	44	28	51	39	73	63	72	50	51	34	28	32
13	42	28	42	38	64	57	62	48	46	33	28	25
14	41	28	38	36	61	54	59	47	50	32	26	21
15	46	27	36	36	58	51	62	46	60	32	25	20
16	108	28	35	38	55	50	66	46	55	31	25	20
17	52	28	36	36	65	59	60	45	49	29	24	20
18	40	28	39	36	62	59	58	45	46	28	24	20
19	37	29	36	35	58	53	66	44	44	28	23	20
20	36	31	61	36	57	52	63	43	43	28	24	19
21	36	28	50	36	56	49	59	58	41	27	23	19
22	34	28	34	34	55	49	58	84	40	26	22	19
23	36	28	41	116	55	49	56	54	40	27	22	19
24	35	35	41	77	66	325	62	49	44	28	22	19
25	34	128	81	55	89	129	81	47	42	28	22	19
26	34	51	79	49	59	147	69	45	38	28	24	18
27	33	41	69	44	54	105	144	46	37	28	22	18
28	33	42	54	42	51	81	80	44	37	29	22	17
29	33	39	48	41	-----	99	70	44	37	30	21	18
30	31	36	45	47	-----	84	64	43	37	29	21	22
31	30	-----	43	42	-----	74	-----	42	-----	26	21	-----
TOTAL	1,856	1,024	1,409	1,389	1,697	2,388	2,022	1,568	1,332	976	793	624
MEAN	59.9	34.1	45.5	44.8	60.6	77.0	67.4	50.6	44.4	31.5	25.6	20.8
MAX	373	128	81	116	134	325	144	84	60	43	54	32
MIN	30	27	33	35	40	49	56	42	37	26	21	17
CFSM	2.92	1.67	2.22	2.19	2.96	3.76	3.29	2.47	2.17	1.54	1.25	1.01
IN.	3.37	1.86	2.56	2.52	3.08	4.33	3.67	2.84	2.42	1.77	1.44	1.13

CAL YR 1964: TOTAL 28,278

MEAN 77.3

MAX 1,230

MIN 17

CFSM 3.77

IN 51.30

WAT YR 1965: TOTAL 17,078

MEAN 46.8

2-3920 Etowah River at Canton, Ga

Location --Lat 34°14', long 84°30', on left bank 100 ft downstream from bridge on State Highways 5 spur and 140 at Canton, Cherokee County, three-quarters of a mile upstream from Canton Creek, and 1½ miles downstream from Hickory Log Creek

Drainage area --605 sq mi

Records available --March 1892 to December 1905 (prior to 1895, gage heights only), October 1936 to September 1965 Monthly discharge only for some periods, published in WSP 1304 Gage-height records collected at same site since 1892 are contained in reports of U S Weather Bureau

Gage --Digital water-stage recorder Datum of gage is 844 55 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 March 1892 to December 1905, staff gage at site 100 ft upstream at datum 2 0 ft higher Mar 16, 1937, to Jan 17, 1939, wire-weight gage at site 100 ft upstream at present datum Jan 18, 1939, to Sept 30, 1962, graphic water-stage recorder at present site and datum Water-stage recorder at Allatoona Reservoir is used as an auxiliary gage for this station

Average discharge --38 years, (1896-1905, 1936-65), 1,198 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (6,500 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	0100	17,400	22 5	Mar 6, 1963	2100	9,250	17 04	Apr 8, 1964	-	21,900	a25 39
Feb 24, 1961	0100	8,820	16 5	Mar 13, 1963	1100	17,000	22 35	May 3, 1964	-	10,300	a17 77
Feb 26, 1961	0100	* 19,300	23 2	Apr 30, 1963	1700	* 22,600	24 38	Oct 5, 1964	1500	7,390	14 27
				Sept 29, 1963	0700	6,690	13 53	Mar 25, 1965	0500	* 8,740	16 04
Dec 13, 1961	1000	* 20,900	23 8	Jan 25, 1964	2000	17,800	22 19				
Dec 18, 1961	2200	12,900	20 3	Mar 16, 1964	0200	13,000	19 83				
Feb 22, 1962	2400	9,350	17 2	Mar 26, 1964	2200	* 25,000	24 70				
Apr 12, 1962	2200	8,580	16 2								

a Backwater from Allatoona Reservoir

Annual minimum discharge, water years 1961-65					
Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 30, 1961	410	1964	Sept 27, 1964	411
1962	Sept 4, 5, 7, 1962	370	1965	Sept 30, 1965	384
1963	Oct 25, 1962	361			

1896-1905, 1936-65 Maximum discharge, 32,300 cfs (revised) Jan 7, 1946 (gage height, 26 7 ft), minimum, 178 cfs Sept 29, 30, 1954

Maximum discharge known, 36,700 cfs in January 1892 (gage height, 25 ft, present datum), from U S Weather Bureau

Maximum stage known since at least 1892, 26 7 ft Jan 7, 1946

Flood of July 10, 1916 reached a stage of 25 9 ft, from U S Weather Bureau (discharge, 36,100 cfs)

Flood of Dec 10, 1919 reached a stage of 26 3 ft, from U S Weather Bureau (discharge, 36,100 cfs)

Revisions --The maximum discharge for the water year 1946 has been revised to 32,300 cfs Jan 7, 1946 (gage height, 26 7 ft), superseding figure published in WSP 1052

Remarks --Records good except those for periods of backwater from Allatoona Dam, which are fair DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,070	778	560	1,070	655	3,200	4,000	1,620	990	1,220	800	764
2	850	708	545	1,290	655	2,800	2,520	2,270	952	1,140	782	770
3	725	590	530	950	655	2,500	1,960	1,800	952	1,070	764	728
4	672	560	530	812	655	2,300	1,820	1,580	933	1,030	800	656
5	638	530	515	760	638	2,200	1,640	1,480	1,220	990	800	620
6	1,030	545	515	725	620	2,100	1,550	1,440	1,440	933	764	603
7	1,150	560	515	690	672	2,400	1,470	1,440	1,140	933	819	620
8	970	530	515	672	1,110	3,500	1,390	1,400	1,100	990	838	620
9	1,350	500	515	655	1,110	4,500	1,470	1,400	1,030	933	895	586
10	1,270	530	500	620	910	3,500	2,300	1,480	1,220	876	838	554
11	990	605	690	620	830	2,500	1,780	1,660	1,140	838	764	554
12	830	575	1,640	620	760	2,000	3,240	1,620	1,140	933	838	554
13	760	530	1,110	605	725	2,000	4,240	1,480	1,030	2,070	728	570
14	725	530	830	590	708	2,100	2,620	1,400	1,070	1,890	764	554
15	690	530	760	1,070	690	2,000	2,170	1,300	1,030	1,260	728	656
16	655	515	725	950	655	1,800	2,270	1,300	1,260	1,350	728	620
17	638	515	690	950	655	1,700	2,020	1,220	1,100	1,440	710	554
18	590	515	655	778	708	1,700	1,840	1,180	1,030	1,260	656	522
19	560	515	655	760	1,600	1,900	1,760	1,220	990	1,180	656	538
20	620	515	638	890	2,300	1,800	1,660	1,180	952	1,440	620	554
21	708	515	672	850	11,000	1,800	1,620	1,140	2,040	1,260	638	554
22	605	500	778	760	14,700	1,800	1,580	1,100	2,680	1,530	674	522
23	590	530	672	725	7,930	1,730	1,530	1,440	1,620	1,300	692	490
24	575	890	655	725	7,020	1,640	1,480	1,300	1,620	1,260	800	490
25	560	708	655	690	11,700	1,550	1,480	1,180	1,350	1,100	914	474
26	560	620	638	708	17,200	1,470	1,530	1,220	1,260	1,030	800	458
27	560	590	620	778	7,800	1,430	1,980	1,180	1,480	952	914	442
28	560	560	605	655	3,800	1,390	1,980	1,100	2,270	914	800	426
29	560	560	590	655	-----	1,390	1,620	1,070	1,660	876	692	426
30	530	575	655	655	-----	1,350	1,480	1,070	1,300	838	674	426
31	545	-----	742	655	-----	2,300	-----	1,030	-----	819	692	-----
TOTAL	23,136	17,224	20,915	23,873	98,461	64,350	60,000	42,300	38,999	35,655	23,582	16,899
MEAN	746	574	675	770	3,516	2,140	2,000	1,365	1,300	1,150	761	563
MAX	1,350	890	1,640	1,230	17,200	4,500	4,240	2,270	2,680	2,070	914	764
MIN	530	500	500	590	620	1,350	1,390	1,030	933	819	620	426
CFSM	1.23	.95	1.12	1.27	5.81	3.54	3.31	2.26	2.15	1.90	1.26	.93
IN	1.42	1.06	1.29	1.47	6.05	4.08	3.69	2.60	2.40	2.19	1.45	1.04

CAL YR 1960: TOTAL 329,734 MEAN 1,040 MAX 5,760 MIN 352 CFM 1.72 IN 23.40

WY 1961: TOTAL 467,354 MEAN 1,281 MAX 17,200 MIN 426 CFM 2.12 IN 28.79

Note --Backwater from Allatoona Dam Feb 27 to Mar 22

2-3920 Etowah River at Canton, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	426	426	490	1,260	1,940	2,020	3,520	1,760	1,030	728	674	394
2	426	426	474	1,350	1,800	1,890	2,620	1,710	1,030	692	603	394
3	442	426	474	1,220	1,660	1,760	2,170	1,620	1,100	656	620	385
4	586	426	474	1,180	1,580	1,710	1,980	1,580	1,180	692	638	373
5	538	506	490	1,140	1,530	1,660	1,890	1,580	1,100	800	603	394
6	458	474	554	1,440	1,530	1,620	2,170	1,530	1,180	1,300	570	394
7	442	490	554	1,890	1,400	1,580	3,460	1,530	1,030	2,020	603	596
8	442	490	522	1,530	1,350	1,530	2,900	1,480	952	1,140	710	1,180
9	442	442	490	1,350	1,400	1,620	2,320	1,440	914	1,620	656	603
10	426	426	1,430	1,260	1,440	1,890	2,070	1,440	876	1,180	554	506
11	410	426	3,640	1,180	1,300	4,060	2,900	1,400	895	914	506	490
12	410	426	11,100	1,140	1,260	5,210	7,650	1,350	1,030	819	490	490
13	410	442	19,500	1,100	1,220	3,120	6,740	1,300	1,220	819	490	442
14	410	458	9,690	1,100	1,180	2,420	3,880	1,260	1,030	764	603	410
15	394	586	2,740	1,140	1,180	2,120	3,180	1,260	895	764	554	410
16	385	656	2,220	1,350	1,180	1,940	2,840	1,220	838	764	506	442
17	394	800	3,290	1,140	1,260	1,840	2,570	1,260	819	800	490	2,240
18	394	620	10,500	1,070	1,140	1,760	2,420	1,180	819	728	474	1,440
19	394	538	10,200	1,180	1,300	1,710	2,320	1,140	782	710	458	746
20	394	490	3,580	1,400	1,440	1,660	2,220	1,100	764	692	442	586
21	410	474	2,400	1,260	1,440	2,070	2,120	1,100	838	692	458	522
22	410	458	2,100	1,220	6,600	2,370	2,020	1,070	782	656	506	490
23	410	554	1,900	1,260	6,540	1,890	1,980	1,070	764	620	474	474
24	410	1,100	1,700	1,480	4,000	1,760	2,020	1,070	764	620	538	458
25	410	876	1,600	1,980	3,580	1,710	1,940	1,030	764	838	506	442
26	410	656	1,500	3,880	2,790	2,070	1,890	1,030	764	952	490	458
27	374	1,580	2,740	2,420	2,420	2,070	1,840	1,070	728	570	474	590
28	391	538	1,710	3,760	2,170	1,840	1,840	952	1,070	656	458	506
29	410	522	1,530	4,700	-----	1,760	1,890	933	895	674	442	442
30	410	490	1,350	2,540	-----	1,710	1,840	1,100	782	674	426	426
31	426	-----	1,220	2,220	-----	1,980	-----	1,140	-----	746	426	-----
TOTAL MEAN	13,114	16,212	101,002	52,460	57,630	64,350	81,200	39,625	27,977	26,440	16,588	17,630
MAX	423	440	3,258	1,692	2,058	2,076	2,707	1,278	933	893	535	588
MIN	385	426	474	1,070	1,140	1,440	1,840	933	764	620	426	373
CFSM	.70	.89	5.39	2.80	3.40	5.43	4.47	2.11	1.54	1.41	.88	.97
IN.	.81	1.00	6.21	3.22	3.54	3.96	4.99	2.44	1.72	1.63	1.02	1.08

CAL YR 1961: TOTAL 536,447 MEAN 1,470 MAX 19,200 MIN 385 CFSM 2:33 IN 32.98
 MAY YR 1962: TOTAL 514,237 MEAN 1,409 MAX 19,500 MIN 373 CFSM 2:33 IN 31.81

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	422	386	676	1,170	1,330	966	1,430	14,900	1,220	2,100	1,270	588
2	494	382	661	1,020	1,280	1,460	1,390	5,000	1,170	1,670	1,090	559
3	703	383	658	932	2,390	1,220	1,370	3,200	1,120	1,480	990	545
4	948	388	620	1,460	2,100	1,090	1,350	2,600	1,100	1,300	914	549
5	646	374	638	831	1,630	1,300	1,310	2,200	1,120	1,220	857	580
6	513	366	638	807	1,420	7,920	1,350	2,000	1,040	1,220	836	566
7	475	367	620	785	1,290	6,060	1,490	1,800	1,030	1,400	800	534
8	474	379	586	768	1,200	2,400	1,390	1,700	1,020	1,300	764	562
9	571	657	586	720	1,120	1,860	1,300	1,700	982	1,100	746	526
10	490	1,220	586	701	1,060	1,610	1,260	1,600	953	1,030	710	505
11	442	810	570	739	1,040	1,470	1,220	1,600	921	990	692	495
12	426	718	520	2,240	1,110	5,580	1,190	1,600	895	990	674	488
13	422	1,070	520	1,690	1,120	16,200	1,160	1,580	869	1,020	679	646
14	410	795	500	1,200	1,020	10,400	1,140	2,290	854	1,100	748	807
15	409	630	520	1,030	978	3,230	1,110	2,050	879	1,070	712	1,140
16	400	570	550	946	945	2,670	1,090	1,620	899	972	655	753
17	398	552	565	894	921	3,030	1,080	1,460	1,440	1,050	648	627
18	397	763	533	937	907	3,200	1,080	1,440	1,360	1,080	633	584
19	386	1,060	522	1,320	1,220	2,640	1,090	1,350	1,160	978	613	569
20	381	833	518	5,330	1,470	2,620	1,140	1,320	1,100	990	604	544
21	372	1,370	532	2,970	1,200	2,470	1,160	1,270	2,110	1,350	623	525
22	417	3,560	628	1,860	1,080	2,100	1,070	1,240	2,600	1,400	775	511
23	414	1,690	752	1,530	1,020	1,920	1,030	1,190	2,260	952	697	498
24	381	1,170	627	1,380	1,010	1,810	990	1,160	2,530	1,480	614	478
25	364	975	1,180	1,180	990	1,730	952	1,140	1,670	1,180	585	464
26	366	865	2,300	1,140	962	1,870	952	1,210	1,580	1,480	570	461
27	367	788	1,410	1,140	926	1,900	952	1,390	2,570	1,180	667	458
28	372	749	1,090	1,060	901	1,670	1,140	1,720	2,680	1,030	667	1,630
29	377	741	1,300	976	-----	1,570	6,430	2,010	2,260	1,400	674	5,290
30	379	710	2,220	1,100	-----	1,510	19,700	1,570	2,200	1,290	796	1,640
31	385	-----	1,490	1,520	-----	1,470	-----	1,320	-----	1,580	656	-----
TOTAL MEAN	14,001	25,321	25,096	40,784	33,640	96,946	59,316	68,250	43,572	38,372	22,959	24,122
MAX	452	844	810	1,316	1,201	3,127	1,977	2,202	1,452	1,238	741	804
MIN	948	3,560	2,300	5,330	2,390	16,200	19,700	14,900	2,680	2,100	1,270	5,290
CFSM	.364	.366	.500	.701	.901	.966	.952	1.140	.854	.952	.570	.458
IN.	.75	1.40	1.34	2.17	1.99	5.17	3.27	3.64	2.40	2.05	1.22	1.33
	.86	1.56	1.54	2.51	2.07	5.96	3.65	4.20	2.68	2.36	1.41	1.48

CAL YR 1962: TOTAL 448,327 MEAN 1,228 MAX 7,650 MIN 364 CFSM 2:03 IN 30.29
 MAY YR 1963: TOTAL 492,379 MEAN 1,348 MAX 19,700 MIN 364 CFSM 2:03 IN 30.29

2-3920 Etowah River at Canton, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,020	484	1,040	2,520	1,990	1,500	3,140	3,860	1,750	924	1,230	580
2	836	670	817	2,030	1,740	2,060	2,730	3,900	1,850	1,060	1,090	580
3	753	567	825	1,370	1,550	4,730	2,720	4,300	1,650	1,120	917	548
4	702	500	787	1,200	1,450	2,940	2,820	6,230	1,510	1,290	916	548
5	656	497	702	1,090	1,440	3,790	2,940	3,970	1,460	1,020	1,200	532
6	616	545	656	1,010	2,890	2,960	7,610	3,440	1,590	920	928	516
7	591	567	623	1,140	2,430	2,330	14,700	3,010	1,530	888	873	516
8	577	516	630	1,170	1,900	2,160	20,200	2,930	1,480	922	811	506
9	564	494	684	2,650	1,660	1,990	16,000	2,720	1,420	1,030	776	490
10	548	487	630	3,230	1,540	2,100	6,550	2,750	1,330	1,010	774	483
11	535	484	832	1,830	1,540	1,990	4,500	2,640	1,330	1,240	941	493
12	529	474	2,540	1,570	1,470	1,790	3,550	2,790	1,330	1,160	1,100	692
13	522	465	2,050	1,950	1,470	1,690	4,200	2,690	1,750	1,550	887	647
14	510	458	1,620	1,600	2,230	2,110	4,990	2,300	1,510	1,130	771	561
15	503	458	1,550	1,340	1,930	9,670	3,960	2,230	1,330	983	754	529
16	500	458	1,160	1,240	2,770	10,900	3,490	2,180	1,240	1,080	1,100	515
17	494	462	994	1,160	2,300	4,470	2,980	2,180	1,240	1,370	1,770	496
18	487	462	901	1,120	2,840	3,360	3,290	2,060	1,200	1,040	1,230	484
19	481	462	828	1,060	3,250	2,820	2,990	2,000	1,150	1,040	974	488
20	461	458	779	1,180	2,380	2,700	3,020	1,950	1,070	1,080	876	543
21	474	455	753	1,410	2,020	2,690	3,000	1,900	1,070	1,670	842	525
22	465	458	720	1,180	1,830	2,590	2,860	2,200	1,030	1,820	826	495
23	465	503	764	1,090	1,690	2,360	2,850	2,080	1,020	2,380	798	484
24	471	717	870	2,710	1,600	2,220	3,420	2,090	1,110	1,590	760	471
25	474	594	787	14,500	1,630	4,080	3,300	2,000	1,220	1,410	724	439
26	471	506	771	13,700	1,790	19,600	3,910	1,800	1,090	1,240	688	420
27	465	554	775	4,090	1,620	19,300	5,320	1,700	1,110	1,100	652	417
28	462	605	756	2,800	1,570	8,610	6,550	1,700	1,040	1,020	670	436
29	455	1,640	728	1,270	1,600	2,700	5,390	1,950	971	935	688	548
30	446	2,110	652	1,990	-----	3,900	6,440	1,650	923	937	652	2,670
31	449	-----	717	1,860	-----	3,390	-----	1,650	-----	1,080	616	-----
TOTAL	17,002	18,110	28,981	79,060	56,120	141,570	157,870	85,630	39,304	36,949	27,834	17,622
MEAN	548	583	935	2,540	1,830	4,510	5,262	2,762	1,210	1,157	867	554
MAX	1,020	2,110	2,540	14,500	3,250	19,600	20,200	9,930	1,850	2,380	1,770	2,670
MIN	446	455	623	1,010	1,440	1,500	2,720	1,650	923	888	616	417
CF5M	.91	1.00	1.55	4.22	3.20	7.55	8.70	4.57	2.17	1.97	1.48	.97
IN.	1.05	1.11	1.78	4.86	3.45	8.70	9.70	5.26	2.42	2.27	1.71	1.08

CAL YR 1963: TOTAL 492,054 MEAN 1,348 MAX 19,700 MIN 446 CFSM 2.23 IN 30.25
 WAT YR 1964: TOTAL 706,052 MEAN 1,929 MAX 20,200 MIN 417 CFSM 3.19 IN 43.40

Note --Backwater from Allatoona Dam Mar 28 to May 18

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,760	760	912	1,280	1,210	1,540	2,400	1,810	952	817	695	452
2	1,320	760	869	1,220	1,400	1,820	2,240	1,700	944	797	658	548
3	1,020	760	855	1,410	1,410	2,470	2,120	1,620	943	813	621	598
4	3,330	742	1,220	1,270	1,240	2,400	2,390	1,950	968	955	688	548
5	6,820	742	1,850	1,160	1,150	2,690	2,360	1,500	1,010	901	591	500
6	3,750	724	1,330	1,120	1,150	2,310	2,150	1,460	1,030	804	628	468
7	2,020	724	1,120	1,100	2,620	2,040	2,050	1,420	1,090	821	789	436
8	1,520	706	1,010	1,070	3,520	1,890	1,990	1,380	1,170	916	1,270	420
9	1,270	706	954	1,050	2,330	1,780	1,900	1,380	1,280	814	983	420
10	1,130	688	909	1,130	2,000	1,680	1,850	1,440	1,060	770	786	408
11	1,020	688	872	1,420	1,910	1,610	1,800	1,390	1,110	897	694	468
12	944	688	1,080	1,210	2,100	1,700	2,070	1,420	1,280	855	650	634
13	900	670	1,330	1,110	2,370	1,980	2,170	1,330	1,240	762	661	874
14	868	670	1,100	1,060	1,990	1,780	1,850	1,240	1,260	739	641	652
15	930	652	992	1,020	1,790	1,670	1,750	1,200	1,450	757	596	532
16	2,690	652	935	1,040	1,610	1,610	1,940	1,170	1,670	760	604	516
17	2,220	688	906	1,030	1,680	1,610	1,940	1,150	1,340	705	587	532
18	1,460	688	1,010	972	1,820	1,900	1,760	1,140	1,150	664	548	468
19	1,240	726	1,020	958	1,620	1,720	1,790	1,130	1,070	652	548	484
20	1,070	775	1,150	952	1,510	1,590	1,950	1,100	990	658	532	468
21	990	798	1,630	971	1,440	1,510	1,710	1,110	950	638	532	436
22	942	708	1,330	979	1,390	1,460	1,620	2,140	895	619	532	436
23	909	683	1,180	1,670	1,340	1,440	1,570	1,600	868	607	548	414
24	893	722	1,120	3,890	1,360	3,860	1,540	1,270	859	630	500	452
25	836	2,760	2,250	2,240	2,380	6,970	2,220	1,160	1,010	656	500	532
26	846	2,400	2,250	1,700	2,590	4,370	2,180	1,240	911	728	580	468
27	814	1,370	2,930	1,480	1,780	5,010	3,410	1,110	842	774	564	436
28	1,140	2,100	1,330	1,620	3,280	3,280	3,050	1,090	847	862	500	408
29	798	1,130	1,560	-----	-----	3,000	2,230	1,050	846	1,020	484	390
30	779	1,010	1,480	-----	-----	3,290	1,970	1,060	830	1,100	468	405
31	779	-----	1,360	1,350	-----	2,690	-----	972	-----	785	436	-----
TOTAL	47,687	26,930	40,724	40,722	49,990	74,670	61,970	41,272	32,413	24,276	19,315	14,803
MEAN	1,538	898	1,314	1,314	1,785	2,409	2,066	1,331	1,080	783	623	493
MAX	6,820	2,760	2,930	3,890	3,520	6,970	3,410	2,140	1,730	1,100	1,770	874
MIN	779	652	855	952	1,150	1,440	1,540	972	830	607	436	390
CF5M	2.54	1.48	2.17	2.17	2.95	3.98	3.41	2.20	1.79	1.29	1.03	.82
IN.	2.93	1.66	2.50	2.50	3.07	4.59	3.81	2.54	1.99	1.49	1.19	.91

CAL YR 1964: TOTAL 757,300 MEAN 2,069 MAX 20,200 MIN 417 CFSM 3.42 IN 44.55
 WAT YR 1965: TOTAL 474,772 MEAN 1,301 MAX 6,970 MIN 390 CFSM 2.16 IN 28.18

2-3925 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

Records available --January 1947 to September 1965 Monthly discharge only for some periods, published in WSP 1304

Gage --Digital water-stage recorder Datum of gage is 897.8 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department) Prior to July 25, 1949, wire-weight gage, and July 25, 1949, to Apr 24, 1964, graphic water-stage recorder at same site and datum

Average discharge --18 years, 79.6 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (900 cfs), water years 1961-65							
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	1000	* 4,040	15.6	Mar 6, 1963	0700	1,420	8.44
Feb 25, 1961	-	2,640	12.1	Mar 13, 1963	0200	* 1,810	9.80
				Apr 30, 1963	0900	1,750	9.57
Dec 12, 1961	1500	* 2,600	12.0	Jan 25, 1964	0700	2,100	10.70
Dec 18, 1961	0600	2,180	10.9	Mar 15, 1964	1400	998	6.67
Feb 22, 1962	1200	1,420	8.4	Mar 26, 1964	0600	* 2,840	12.65
Apr 12, 1962	1300	906	6.3				

* a Maximum gage height for the year, discharge not determined

Annual minimum daily discharge, water years 1961-65					
Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 29, 30, 1961	23	1964	Sept 26, 1964	17
1962	Sept 3, 4, 1962	7.9	1965	Sept 28, 29, 1965	20
1963	Sept 26, 1963	14			

1947-65 Maximum discharge, 4,040 cfs Feb 21, 1961 (gage height, 15.6 ft), minimum daily, 2.1 cfs Sept 22-24, 1955

Maximum stage known since about 1890, 18.0 ft in January 1946, from information by local resident (discharge, 5,000 cfs, from rating curve extended above 2,600 cfs by logarithmic plotting)

Remarks --Records fair except those for periods of no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	44	46	25	73	43	410	536	109	58	82	44	58
2	33	38	24	55	43	382	251	138	54	68	42	52
3	28	33	25	47	42	347	167	100	51	85	40	44
4	25	30	26	43	40	327	128	86	50	120	43	40
5	31	30	26	41	39	308	99	79	150	70	41	39
6	98	30	26	40	38	288	87	77	133	60	40	40
7	60	29	26	39	56	354	80	77	113	71	44	37
8	84	26	26	38	60	462	75	74	89	106	54	39
9	171	28	25	36	66	508	158	89	71	68	56	34
10	82	37	24	36	57	215	191	86	64	57	53	34
11	58	34	76	35	51	173	118	167	69	54	48	36
12	46	32	63	35	47	150	453	115	75	100	46	34
13	40	31	43	36	46	155	312	97	63	270	41	33
14	37	31	37	60	44	150	173	83	108	256	56	41
15	34	29	38	66	43	120	133	75	185	200	47	45
16	33	32	37	56	42	107	144	69	179	275	44	35
17	32	32	32	49	41	79	108	67	94	245	38	32
18	34	39	31	45	84	85	94	66	74	155	34	30
19	31	31	31	55	182	77	89	67	64	114	33	31
20	58	29	31	58	301	66	85	63	70	100	32	35
21	42	29	43	47	2,730	77	82	65	133	86	32	32
22	37	28	38	44	850	82	79	109	104	79	35	30
23	37	44	35	42	600	75	78	130	86	78	57	29
24	31	43	33	40	500	71	77	86	185	68	111	28
25	29	40	35	37	2,000	68	75	169	103	62	78	26
26	28	36	35	44	1,000	66	150	268	116	59	96	26
27	28	33	34	43	500	66	305	138	171	54	68	24
28	29	32	33	40	442	68	203	104	407	50	56	24
29	29	34	34	40	-----	69	122	84	167	48	46	23
30	28	31	44	41	-----	68	98	72	111	46	46	23
31	39	-----	49	41	-----	438	-----	63	-----	46	-----	-----
TOTAL	1,416	999	1,085	1,402	10,007	5,711	4,750	3,072	3,397	3,232	1,565	1,030
MEAN	45.7	33.3	35.0	45.2	357	184	158	99.1	113	104	50.5	34.3
MAX	171	46	76	73	2,730	462	536	268	407	275	111	58
MIN	25	28	26	35	38	66	75	63	50	46	32	23
CFSM	.75	.55	.58	.75	5.91	3.05	2.62	1.64	1.87	1.72	.83	.57
IN.	.87	.61	.67	.86	6.15	3.51	2.92	1.89	2.09	1.99	.96	.63

CAL YR 1960: TOTAL 21,705.3 MEAN 59.3 MAX 786 MIN 9.6 CFSM 1.98 IN 13.34
 MAY YR 1961: TOTAL 37,666 MEAN 103 MAX 2,730 MIN 23 CFSM 1.71 IN 13.34

2-3925 Little River near Roswell, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	23	26	28	93	85	133	314	90	44	24	28	8.8
2	23	26	28	85	77	118	161	86	43	22	24	8.2
3	26	25	28	76	72	109	120	79	54	22	24	7.9
4	28	32	28	60	69	89	108	78	47	22	24	7.9
5	26	32	32	58	68	81	101	78	85	30	22	12
6	24	35	39	111	66	74	162	75	59	156	20	10
7	24	38	39	90	60	73	200	72	47	178	24	24
8	24	30	33	76	64	71	140	75	43	75	30	27
9	23	26	32	66	68	102	117	70	39	54	24	20
10	22	26	200	66	64	118	102	69	38	42	19	18
11	22	26	210	60	60	288	308	68	40	38	17	17
12	21	28	1,940	57	59	394	686	66	52	37	17	15
13	21	29	1,080	55	58	218	396	63	55	37	17	14
14	21	30	442	56	57	156	272	61	46	34	18	13
15	19	33	382	76	56	130	178	59	40	31	18	13
16	20	41	354	74	82	108	145	56	37	38	17	13
17	20	39	579	64	71	96	130	56	38	34	16	158
18	20	33	1,750	60	64	93	113	54	37	30	14	95
19	20	31	604	114	94	91	105	52	39	28	14	43
20	20	29	396	109	74	92	100	49	55	26	13	26
21	21	29	367	90	186	125	96	48	47	29	16	20
22	22	29	314	79	1,150	101	93	46	36	25	21	19
23	22	85	308	100	748	91	92	46	32	22	22	18
24	22	93	288	102	474	86	92	46	30	25	17	17
25	22	52	263	111	340	94	90	44	27	44	15	17
26	21	41	215	128	301	156	97	42	30	49	14	20
27	20	37	155	116	227	116	90	41	38	36	12	24
28	22	33	144	294	167	100	87	39	34	29	11	19
29	22	30	102	203	-----	93	113	38	30	32	10	17
30	24	29	87	132	-----	91	107	44	32	32	9.4	17
31	25	-----	84	103	-----	234	-----	44	-----	34	9.1	-----
TOTAL	690	1,073	10,531	2,964	4,961	3,923	4,915	1,832	1,274	1,315	556.5	738.8
MEAN	22.3	35.8	340	95.6	177	127	164	59.1	42.5	42.4	18.0	24.6
MAX	28	93	1,940	294	1,150	396	686	90	85	178	30	158
MIN	19	28	55	56	56	71	87	38	27	22	9.1	7.9
CFSM	.37	.59	5.62	1.58	2.93	2.09	2.71	.98	.70	.70	.30	.41
IN.	.42	.66	6.47	1.82	3.05	2.41	3.02	1.13	.78	.81	.34	.45

CAL YR 1961: TOTAL 46,660 MEAN 127 MAX 2,730 MIN 19 CFSM 2.10 IN 28.56
 WAT YR 1962: TOTAL 34,773.3 MEAN 95.3 MAX 1,940 MIN 7.9 CFSM 1.57 IN 21.38

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	17	24	43	76	89	94	72	442	38	83	54	22
2	36	24	40	63	89	118	70	340	35	71	42	20
3	198	24	40	57	206	85	70	296	32	63	36	18
4	166	24	42	52	131	73	68	254	31	58	32	24
5	61	24	45	49	101	142	65	206	30	53	30	32
6	41	22	47	47	87	999	68	145	29	54	28	24
7	34	24	41	46	79	354	73	112	28	79	27	22
8	36	26	41	44	73	278	66	100	27	72	26	22
9	38	71	39	42	68	206	65	94	26	56	24	20
10	31	61	37	43	65	126	65	89	25	46	24	18
11	30	40	37	198	70	97	63	83	24	40	22	16
12	28	54	34	410	85	641	62	68	23	39	21	16
13	28	64	34	183	70	1,150	59	69	23	37	22	17
14	27	43	36	113	65	396	58	140	23	41	42	73
15	27	35	36	85	61	334	58	110	22	42	26	58
16	26	32	38	72	58	290	56	90	38	50	23	36
17	25	34	37	67	58	290	58	80	131	54	22	28
18	24	26	36	110	58	218	58	70	68	58	22	25
19	22	61	35	216	131	156	57	65	60	54	21	26
20	22	57	36	354	104	140	66	62	77	58	23	24
21	22	340	36	200	85	118	65	60	220	102	27	21
22	26	382	71	122	71	107	58	58	331	61	34	18
23	24	194	55	94	64	101	54	54	284	46	27	17
24	22	105	48	82	69	97	49	54	161	47	23	15
25	21	74	195	74	66	88	50	54	106	71	21	15
26	22	58	178	66	64	112	50	54	113	62	27	14
27	22	52	103	74	59	100	48	62	150	52	40	15
28	23	49	76	65	60	85	108	74	113	45	34	266
29	24	49	178	61	-----	78	624	66	150	45	28	466
30	24	45	156	86	-----	76	1,350	50	105	68	44	172
31	26	-----	98	98	-----	73	-----	42	-----	70	28	-----
TOTAL	1,173	2,168	1,968	3,349	2,290	7,222	3,733	3,545	2,523	1,777	900	1,560
MEAN	37.8	72.3	63.5	108	81.8	233	124	114	84.1	57.3	29.0	52.0
MAX	198	382	195	410	206	1,150	1,350	442	331	102	54	466
MIN	17	22	34	42	58	73	48	42	22	37	21	14
CFSM	.63	1.19	1.05	1.79	1.35	3.85	2.06	1.89	1.39	.95	.48	.86
IN.	.72	1.33	1.21	2.06	1.41	4.44	2.29	2.18	1.95	1.09	.55	.96

CAL YR 1962: TOTAL 27,788.3 MEAN 76.1 MAX 1,150 MIN 7.9 CFSM 1.26 IN 17.08
 WAT YR 1963: TOTAL 37,208 MEAN 88.2 MAX 1,350 MIN 14 CFSM 1.46 IN 19.80

Note --No gage-height record May 14 to June 15

2-3925 Little River near Roswell, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	96	30	95	560	192	91	306	175	129	47	47	31
2	77	37	72	400	136	281	208	330	110	51	44	28
3	60	29	92	290	118	434	276	306	93	55	41	27
4	46	29	86	230	108	262	282	392	75	54	42	27
5	39	31	55	180	127	598	234	318	78	49	54	26
6	35	41	60	150	306	306	1,170	252	122	42	46	26
7	32	34	50	200	180	204	905	180	86	39	39	24
8	31	30	58	170	131	180	760	158	77	54	36	22
9	30	29	55	300	105	158	476	153	71	62	34	22
10	28	29	54	230	96	180	392	153	69	57	42	21
11	28	28	130	180	101	141	366	142	66	55	78	22
12	28	27	450	160	87	122	342	158	67	75	61	54
13	27	27	620	170	130	111	378	153	113	78	46	42
14	26	26	390	140	198	166	354	131	78	60	38	33
15	26	26	480	110	164	758	300	124	68	54	39	29
16	26	27	320	100	240	434	270	118	62	77	79	28
17	24	28	170	92	153	306	228	114	61	66	113	24
18	24	28	140	98	331	222	204	110	59	60	68	23
19	25	28	110	94	276	170	186	106	58	64	54	24
20	24	28	92	110	175	164	164	95	54	153	46	26
21	24	29	86	90	134	186	153	89	53	186	42	25
22	24	31	78	78	119	158	148	85	50	90	53	24
23	24	38	96	74	106	134	148	84	62	74	60	22
24	25	39	86	431	99	122	170	84	74	62	56	20
25	25	31	82	1,560	114	610	210	81	72	58	46	18
26	24	30	78	462	117	2,060	222	78	70	51	41	17
27	24	42	74	378	102	542	420	75	62	47	39	18
28	25	40	69	350	102	420	318	74	56	46	36	21
29	23	240	64	284	92	382	302	75	56	34	34	476
30	22	140	264	60	60	264	204	78	46	50	34	476
31	23	90	222	222	354	354	78	78	50	32	32	476
TOTAL	995	1,252	4,444	8,147	4,342	10,632	10,174	5,149	2,101	2,009	1,522	1,242
MEAN	32.1	41.7	143	264	142	343	326	166	68.7	66.1	47.3	38.4
MAX	96	240	620	1,560	331	2,060	1,170	906	129	186	113	476
MIN	22	26	50	74	87	91	148	74	46	39	32	17
CF5M	.53	.69	2.37	4.34	2.47	5.67	5.61	2.75	1.20	1.07	.81	.68
IN.	.61	.77	2.73	5.01	2.67	6.54	6.25	3.17	1.34	1.23	.94	.76

CAL YR 1963: TOTAL 33,590 MEAN 92.0 MAX 1,350 MIN 14 CF5M 1.52 IN 20.65
 MAY YR 1964: TOTAL 52,085 MEAN 142 MAX 2,060 MIN 17 CF5M 2.35 IN 32.62

Note --No gage-height record Nov 18 to Jan 20

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	513	53	63	88	90	119	120	93	49	52	38	26
2	185	52	59	86	126	225	110	80	47	51	35	28
3	124	51	91	105	91	170	100	80	46	53	31	26
4	468	50	322	83	95	168	150	77	49	58	29	31
5			294	77	92	173	200	74	57	55	29	29
6	259	49	150	74	110	147	180	74	57	50	31	27
7	152	49	104	72	320	126	160	73	86	50	40	26
8	113	45	85	70	220	117	140	73	138	49	93	25
9	96	49	76	71	153	106	130	87	72	42	65	25
10	73	46	68	106	129	84	116	134	71	37	51	26
11	63	46	64	94	121	77	109	82	142	36	42	30
12	59	46	132	80	246	98	174	86	110	34	37	36
13	56	46	115	75	232	114	137	118	83	31	39	35
14	55	46	90	72	163	108	121	86	234	30	35	32
15	101	45	78	70	135	98	124	67	305	43	32	29
16	456	46	73	77	116	89	130	64	257	39	35	31
17	205	47	71	71	171	111	113	62	161	30	34	30
18	120	47	85	69	163	157	108	61	108	29	32	28
19	92	48	73	69	121	129	121	65	86	30	37	27
20	77	60	109	69	100	114	121	61	77	29	40	27
21	70	50	105	70	96	99	105	80	71	28	42	26
22	66	43	91	69	123	81	100	259	68	27	40	25
23	62	43	84	227	136	78	94	122	64	26	34	25
24	59	59	86	361	152	88	89	87	63	28	34	24
25	58	319	458	260	227	266	180	70	64	26	32	24
26	57	168	500	142	163	200	178	66	58	30	37	22
27	57	100	350	111	148	240	191	63	56	44	33	22
28	57	99	200	101	142	210	141	62	58	41	30	20
29	62	87	150	93	180	180	122	57	57	65	29	20
30	58	72	110	111	111	150	105	54	54	68	27	25
31	55	95	95	90	130	130	50	50	46	46	26	25
TOTAL	4,139	2,018	4,398	3,213	4,181	4,252	3,969	2,567	2,848	1,257	1,169	817
MEAN	134	67.3	142	104	149	132	125	82.8	94.9	40.5	37.7	27.2
MAX	513	319	500	361	320	266	200	259	305	68	93	36
MIN	55	43	58	69	90	77	89	50	46	26	26	20
CF5M	2.21	1.11	2.34	1.71	2.47	2.27	2.19	1.37	1.57	.67	.62	.45
IN.	2.54	1.24	2.70	1.98	2.57	2.61	2.44	1.58	1.75	.77	.72	.50

CAL YR 1964: TOTAL 55,949 MEAN 193 MAX 2,060 MIN 17 CF5M 2.53 IN 34.39
 MAY YR 1965: TOTAL 34,828 MEAN 95.4 MAY 513 MIN 20 CF5M 1.58 IN 21.41

2-3940 Etowah River at Allatoona Dam above Cartersville, Ga

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

Records available --September 1938 to September 1965 Prior to October 1949, published as Etowah River above Cartersville

Gage --Water-stage recorder Datum of gage is 686 92 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers) Prior to Dec 19, 1938, staff gage at same site and datum

Average discharge --27 years, 1,774 cfs (adjusted for storage since 1950)

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum daily		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Mar 15, 1961	9,720	8 32	Oct 15, 16, 1960	220	-
1962	Jan 7, 1962	10,200	8 75	Oct 14, 15, 1961	206	-
1963	Mar 28, 1963	10,300	8 82	Many days	206	-
1964	Mar 22, 1964	22,600	15 0	Oct 13, 1963, May 31, 1964	220	-
1965	Oct 15, 1964	9,130	7 50	Jan 30, Feb 6,7,1965	213	-

1938-65 Maximum discharge, 40,400 cfs Jan 8, 1946 (gage height, 20 8 ft), from rating curve extended above 26,000 cfs, minimum daily, 206 cfs Oct 14, 15, 1961 and many days in December 1962 and January 1963

Remarks --Flow regulated by Allatoona Reservoir since 1949 (see p 630, 632)

Cooperation --Gage-height record, 102 discharge measurements, and computations of daily discharge furnished by Corps of Engineers, records reviewed by Geological Survey

Revisions (water years) --WSP 1032 1944

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	264	1,240	1,960	241	1,400	264	256	4,460	2,040	272	3,520	1,140
2	264	1,240	1,930	241	1,440	264	248	4,460	1,920	272	3,510	272
3	2,780	1,240	248	2,240	1,430	264	3,240	4,530	272	3,820	3,480	272
4	2,820	1,240	248	2,310	256	264	3,210	4,570	271	272	3,500	272
5	2,880	235	2,610	2,340	248	264	5,930	4,610	1,950	3,760	280	1,010
6	2,900	235	2,640	2,300	1,050	1,200	5,820	272	1,940	3,720	280	1,070
7	2,940	2,420	2,730	248	1,080	5,320	5,980	272	1,980	3,680	2,590	1,050
8	248	2,430	2,730	248	1,130	4,600	256	2,500	1,960	272	2,500	1,050
9	248	2,430	2,730	1,810	1,090	1,550	256	2,490	1,930	272	2,470	264
10	1,710	2,430	234	835	1,090	1,500	3,450	2,470	289	1,520	2,410	264
11	1,720	2,430	241	1,760	248	3,410	4,660	2,470	290	1,560	2,450	1,630
12	1,720	248	1,680	1,770	248	4,780	4,620	2,500	2,470	1,570	272	1,510
13	1,770	248	1,680	1,790	1,100	6,590	4,550	272	2,610	1,540	272	1,580
14	1,780	1,750	1,680	256	1,100	8,900	4,540	272	2,630	1,470	1,860	1,600
15	220	1,750	1,660	256	1,100	9,500	708	3,130	2,540	272	1,900	1,630
16	220	1,750	1,670	1,030	1,100	9,440	272	3,110	2,820	272	1,930	256
17	2,500	1,750	234	1,020	1,130	9,500	5,440	3,160	272	1,840	1,880	248
18	2,530	1,750	234	989	248	9,440	5,460	3,140	272	1,860	1,830	1,920
19	2,540	248	3,050	991	248	8,450	5,510	3,180	2,760	1,840	272	1,900
20	2,580	248	3,080	987	1,170	9,340	5,480	264	2,750	1,850	272	1,870
21	2,560	2,450	3,130	256	722	9,400	5,420	264	2,750	1,840	1,440	1,850
22	1,060	2,400	3,130	248	465	9,380	335	1,800	2,780	272	1,480	1,810
23	390	2,400	3,130	1,920	256	9,400	256	1,790	2,780	270	1,450	248
24	2,700	2,390	234	1,920	264	9,380	2,640	1,790	256	4,080	1,480	248
25	2,720	2,370	234	1,910	308	9,380	2,720	1,780	264	4,090	1,450	3,600
26	2,740	241	234	1,860	264	9,060	2,750	1,780	3,080	4,060	256	3,590
27	2,760	232	3,590	1,890	256	9,120	2,760	272	3,020	4,110	256	3,420
28	2,760	1,870	3,670	264	256	5,780	2,760	272	2,790	4,290	1,060	3,430
29	227	1,910	3,720	264	-----	5,670	280	2,020	2,960	264	1,080	3,380
30	227	1,950	3,740	1,440	-----	5,660	272	2,060	3,000	266	1,070	248
31	1,250	-----	241	1,450	-----	2,380	-----	2,080	-----	3,520	1,110	-----
TOTAL	54,028	45,525	58,322	37,104	20,697	179,450	90,079	68,040	57,644	58,996	49,610	42,632
MEAN	1,743	1,518	1,881	1,197	739	5,789	3,003	2,195	1,922	1,903	1,600	1,421
MAX	2,940	2,450	3,740	2,340	1,440	9,500	5,980	4,610	3,080	4,290	3,520	3,600
MIN	220	232	234	241	248	264	248	264	256	264	256	248
MEAN†	1,088	799	962	1,085	6,785	3,390	3,416	2,067	1,915	1,666	1,036	633
CFSM†	98	72	87	98	6 11	3 05	3 08	1 86	1 73	1 50	93	57
IN †	1 13	80	1 00	1 13	6 36	3 52	3 44	2 14	1 93	1 73	1 08	.64
CAL YR 1960: TOTAL	573,639											
MEAN	1,567											
MAX	4,620											
MIN	220											
MEAN†	1,553											
CFSM†	1 40											
IN†	19 03											
WAT YR 1961: TOTAL	762,129											
MEAN	2,088											
MAX	9,500											
MIN	220											
MEAN†	2,035											
CFSM†	1 83											
IN†	24 90											

† Adjusted for change in contents in Allatoona Reservoir

Note --No gage-height record Oct 18 to Nov 20

MOBILE RIVER BASIN

2-3940 Etowah River at Allatoona Dam above Cartersville, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	256	584	1,880	9,360	489	3,990	256	4,920	1,760	272	1,190	289
2	2,000	584	260	9,470	460	3,980	1,890	1,090	289	1,760	1,720	289
3	2,050	562	280	7,090	248	2,600	3,410	4,940	289	1,730	1,230	289
4	2,060	248	2,840	9,660	241	1,420	3,570	4,920	2,730	264	289	1,010
5	2,060	248	2,830	9,620	4,410	5,760	3,620	880	2,730	1,710	289	1,000
6	2,080	548	2,820	8,710	4,550	5,690	3,610	280	2,700	1,740	2,120	1,000
7	234	596	2,820	8,650	4,590	5,640	264	3,840	2,720	264	2,080	1,000
8	234	663	2,820	8,660	4,590	5,690	264	3,860	2,640	264	2,130	289
9	505	617	289	8,560	4,610	5,670	2,700	3,930	280	1,460	2,160	289
10	505	592	289	8,420	241	256	4,380	3,990	280	1,950	2,190	991
11	505	272	3,560	5,760	241	248	3,370	4,000	1,840	1,940	264	1,000
12	490	272	340	5,820	3,810	3,460	592	272	1,800	1,900	272	999
13	490	631	298	5,300	3,810	3,460	593	272	1,800	1,950	2,610	976
14	206	593	486	1,850	3,920	5,590	280	1,790	1,800	256	2,550	982
15	206	596	489	5,600	4,000	5,640	280	1,770	1,800	256	2,510	241
16	507	597	372	5,540	4,030	5,570	504	1,800	272	2,370	2,560	248
17	507	624	871	5,580	241	4,080	5,940	1,860	272	2,390	2,590	1,000
18	507	280	328	5,650	241	1,530	6,890	1,850	1,470	2,360	272	986
19	507	280	298	5,680	1,010	4,420	8,710	289	1,470	2,350	280	970
20	602	1,170	466	272	1,030	4,510	8,650	289	1,470	2,330	1,770	970
21	234	1,200	676	264	1,030	4,540	5,360	1,560	1,540	256	1,730	978
22	234	1,180	994	739	1,070	4,520	1,970	1,540	1,540	256	1,660	241
23	532	289	2,180	711	1,020	4,470	5,710	1,500	280	2,360	1,650	241
24	532	1,200	3,780	706	1,450	248	5,770	1,500	280	2,410	1,670	800
25	532	280	5,990	711	1,400	248	5,740	1,730	1,250	2,440	280	792
26	532	280	7,980	718	4,090	1,610	4,010	289	1,320	2,430	289	788
27	545	1,800	9,460	256	4,020	1,650	1,080	289	1,320	2,400	1,590	1,310
28	248	1,860	9,440	256	4,010	1,620	280	1,840	1,320	280	1,590	768
29	256	1,810	9,520	323	-----	1,620	280	1,830	1,320	280	1,580	241
30	568	1,820	9,370	479	-----	1,680	4,800	1,760	272	1,200	1,580	241
31	578	-----	9,340	495	-----	256	-----	1,720	-----	1,220	1,550	-----
TOTAL	21,302	22,276	93,386	140,910	64,852	101,666	94,973	62,400	40,854	44,948	45,745	21,238
MEAN	687	743	3,012	4,545	2,136	3,280	3,164	2,013	1,362	1,440	1,476	708
MAX	2,080	1,860	9,520	9,660	4,610	5,760	8,850	4,940	2,730	2,450	2,610	1,910
MIN	206	248	280	256	241	248	256	272	272	256	264	241
MEANT	407	701	5,382	2,603	3,483	3,117	4,085	1,715	1,177	1,125	569	700
CFSMT	37	63	4 85	2 35	3 14	2 61	3 68	1 55	1 06	1 11	51	63
IN +	42	71	5 59	2 71	3 27	3 24	4 11	1 79	1 18	1 16	59	70
CAL YR 1961: TOTAL	741,218	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MAT YR 1962: TOTAL	754,550	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEAN	2,031	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MAX	9,520	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MIN	206	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEANT	2,346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CFSMT	2 11	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
INT	28 69	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

+ Adjusted for change in contents in Allatoona Reservoir

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	871	1,640	227	206	1,680	1,060	5,090	555	234	4,230	3,430	248
2	918	1,640	227	3,550	1,680	1,060	5,090	555	234	4,230	3,430	248
3	893	272	4,750	3,580	213	227	5,320	555	1,530	4,380	280	1,010
4	899	280	4,700	3,580	1,500	1,430	5,270	241	1,550	248	280	1,080
5	897	930	4,750	206	1,470	1,050	5,250	241	1,560	4,500	2,590	979
6	241	909	4,800	206	1,430	990	220	6,090	1,600	256	2,660	1,030
7	241	895	4,800	1,500	1,450	525	220	8,520	1,630	248	2,640	248
8	890	895	220	1,500	1,450	500	1,220	8,510	248	2,380	2,640	741
9	890	895	220	1,500	213	227	1,220	8,640	248	2,420	2,640	882
10	890	256	4,030	1,500	213	227	1,220	8,680	2,720	2,390	272	881
11	890	256	4,030	1,490	2,380	1,920	1,220	8,670	2,650	3,670	272	842
12	890	256	4,230	206	2,360	550	1,220	8,790	2,620	3,720	1,950	839
13	241	1,040	4,050	206	2,350	350	220	8,750	2,590	2,640	1,950	836
14	241	1,030	4,260	1,220	2,360	325	227	8,550	2,630	264	1,950	241
15	898	1,030	206	1,270	2,360	341	1,300	8,750	264	1,220	1,950	248
16	898	1,030	213	1,260	220	241	1,300	8,690	272	1,250	2,000	2,490
17	898	234	1,660	1,260	220	256	1,300	8,240	2,370	1,250	272	2,590
18	898	234	1,740	1,310	1,970	750	1,300	234	2,310	3,040	272	2,590
19	898	1,060	1,660	227	1,970	750	1,300	227	2,330	3,090	1,080	2,590
20	256	1,070	1,690	227	1,970	6,320	220	3,360	2,310	280	1,080	2,590
21	256	1,040	1,680	1,200	1,970	9,500	220	3,620	2,260	280	1,080	241
22	1,180	241	206	4,770	1,970	9,640	726	3,710	256	1,620	1,080	241
23	1,190	241	206	4,850	220	9,470	726	3,720	256	1,590	1,080	2,870
24	1,190	241	3,030	4,900	220	9,160	726	3,720	1,290	1,930	264	2,920
25	1,190	241	206	4,830	1,060	9,050	733	234	4,690	2,600	256	2,870
26	1,210	5,180	2,890	213	1,060	9,120	733	234	4,720	2,650	867	2,920
27	244	5,180	2,890	213	1,090	9,080	213	1,110	4,690	272	898	2,980
28	256	5,180	2,890	1,690	1,090	8,680	213	1,160	4,770	272	872	248
29	1,630	5,320	206	1,680	-----	3,280	595	1,160	241	2,400	878	234
30	1,640	5,320	206	1,680	-----	2,770	548	5,140	241	2,400	878	1,260
31	1,640	-----	3,520	1,680	-----	1,900	-----	5,160	-----	3,470	248	-----
TOTAL	26,284	44,845	70,393	53,710	36,486	99,916	45,350	136,036	55,214	62,464	41,970	39,487
MEAN	848	1,435	2,271	1,733	1,310	3,223	1,512	4,388	1,840	2,015	1,354	1,316
MAX	1,640	5,320	4,900	4,900	2,380	9,640	5,320	8,790	4,720	4,500	3,430	2,980
MIN	241	234	206	206	213	227	213	227	234	248	248	234
MEANT	594	1,445	1,198	2,065	1,800	4,997	3,050	2,928	2,279	1,815	1,004	1,213
CFSMT	54	1 30	1 08	1 86	1 62	4 50	2 75	2 64	2 05	1 64	91	1 09
IN +	62	1 45	1 24	2 14	1 69	5 19	3 07	3 04	2 29	1 89	1 04	1 22
CAL YR 1962: TOTAL	759,108	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MAT YR 1963: TOTAL	712,364	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEAN	2,080	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MAX	9,660	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MIN	206	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEANT	2,817	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CFSMT	1 64	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
INT	22 06	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

+ Adjusted for change in contents in Allatoona Reservoir

2-3940 Etowah River at Allatoona Dam above Cartersville, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,330	2,210	256	241	6,600	264	6,890	9,840	3,650	2,700	256	3,440
2	3,350	248	3,360	1,660	4,640	2,270	9,090	9,730	3,660	2,700	264	1,690
3	3,330	248	3,340	1,660	6,020	2,230	9,750	563	3,660	272	1,250	1,700
4	3,460	2,040	3,300	234	6,290	2,210	9,860	997	3,770	272	1,220	1,670
5	227	2,060	3,310	234	6,240	2,610	9,010	1,430	3,770	272	1,230	227
6	227	2,120	3,350	2,430	6,300	2,670	6,570	7,150	227	1,870	1,230	227
7	3,580	2,120	241	2,430	6,300	929	2,460	6,060	227	1,870	1,230	227
8	3,620	2,120	241	2,520	264	611	7,630	8,950	2,920	1,850	264	1,380
9	3,600	248	2,420	2,490	248	5,600	11,000	9,840	2,950	1,850	264	1,330
10	3,610	248	2,410	2,440	5,260	5,340	13,600	9,690	3,020	1,850	2,310	1,310
11	3,740	1,960	2,410	227	5,270	5,370	12,000	9,990	3,060	264	2,280	1,370
12	234	1,960	2,340	227	5,300	5,390	9,810	9,710	3,050	272	2,230	227
13	220	1,960	2,330	3,640	5,420	5,340	10,300	9,910	256	1,830	2,190	227
14	2,530	1,960	1,230	3,640	5,490	280	9,750	10,000	256	1,830	2,200	2,010
15	2,530	1,960	256	3,570	5,240	318	9,840	9,970	2,280	1,830	241	2,010
16	2,520	248	4,860	3,640	1,930	718	9,750	10,000	2,300	1,870	234	2,010
17	1,690	248	5,360	3,610	5,460	725	9,820	9,650	2,360	1,840	1,480	1,970
18	1,710	2,100	5,540	241	5,410	730	9,820	9,940	2,360	280	1,360	1,990
19	248	2,100	5,570	227	5,390	718	9,110	9,860	2,370	280	1,360	734
20	256	2,160	5,660	3,470	5,360	706	9,750	9,870	256	1,830	1,500	234
21	1,800	2,120	241	3,430	5,450	280	9,790	9,920	256	1,850	1,500	1,900
22	1,800	2,200	234	3,440	264	3,710	9,640	9,720	2,620	2,740	234	1,870
23	1,800	256	4,290	3,400	256	6,950	9,850	5,980	2,590	2,700	214	1,840
24	1,800	256	4,300	3,470	1,300	8,890	9,670	2,190	2,630	2,800	2,140	1,840
25	1,800	2,810	234	280	1,250	5,770	9,830	6,540	2,620	264	2,100	1,840
26	241	2,710	4,450	248	1,240	350	9,370	6,630	2,650	264	2,120	248
27	241	2,760	4,440	886	1,230	298	9,730	6,430	264	2,910	2,110	248
28	2,190	264	234	896	1,230	298	9,420	6,310	264	3,000	2,090	1,820
29	2,240	2,760	234	3,120	272	298	9,450	6,300	2,720	3,040	234	1,850
30	2,420	884	1,700	3,840	-----	733	9,650	258	2,770	3,040	227	1,870
31	2,210	1,710	6,460	-----	-----	2,280	-----	220	-----	3,080	3,430	-----
TOTAL	62,374	47,338	79,851	68,321	111,044	74,886	282,210	223,648	65,786	53,320	41,012	40,809
MEAN	2,012	1,578	2,576	2,204	3,829	2,416	9,407	7,214	2,193	1,720	1,323	1,360
MAX	3,740	2,810	5,660	6,460	6,600	8,890	13,600	10,000	3,770	3,080	3,430	3,440
MIN	220	248	234	227	248	264	2,460	220	227	264	227	227
MEAN†	781	1,688	4,300	3,182	7,596	8,671	9,976	4,522	1,665	1,665	1,308	834
CFSM†	70	88	1 52	3 77	2 87	6 84	7 81	4 07	1 78	1 50	1 18	75
IN †	81	99	1 75	4 35	3 10	7 89	8 71	4 69	1 99	1 73	1 36	84

CAL YR 1963 TOTAL 760,405 MEAN 2,083 MAX 9,640 MIN 206 MEAN† 2,054 CFSM† 1 85 IN† 25 12

WAT YR 1964: TOTAL 1,150,599 MEAN 3,144 MIN 13,600 MIN 220 MEAN† 3,116 CFSM† 2 81 IN† 38 21

† Adjusted for change in contents in Allatoona Reservoir

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,780	248	4,570	1,640	4,130	1,930	2,650	289	2,240	881	280	1,140
2	1,780	1,780	4,610	248	4,130	1,930	5,080	289	2,130	881	1,250	1,160
3	248	1,720	4,690	248	4,140	4,120	5,220	3,180	2,130	280	1,210	1,180
4	256	1,720	4,770	3,550	4,000	4,120	1,920	3,200	2,320	280	1,220	241
5	3,980	1,720	264	3,580	4,070	4,120	5,420	3,150	289	280	1,220	248
6	6,030	1,720	264	3,700	213	264	5,420	3,150	280	1,740	1,190	248
7	6,070	248	4,960	3,580	213	264	5,510	3,150	1,350	1,740	280	2,520
8	6,090	248	4,990	3,700	2,780	1,940	5,650	280	1,330	1,810	272	2,440
9	6,090	2,360	4,990	241	4,540	2,560	5,740	289	3,300	1,740	1,210	2,660
10	4,250	2,340	5,070	241	4,520	2,560	280	2,050	3,370	289	1,230	2,430
11	241	2,340	5,180	1,570	4,550	2,560	280	2,050	3,300	280	1,230	256
12	6,010	2,300	256	1,550	4,520	2,560	3,690	2,010	280	2,400	1,230	264
13	6,120	2,300	256	1,550	220	264	3,660	2,050	280	2,400	1,230	2,230
14	6,120	248	2,890	1,580	220	256	3,640	2,010	1,620	2,400	264	2,210
15	6,390	248	2,850	1,580	5,320	772	3,670	289	2,260	2,470	256	2,190
16	6,360	2,400	2,800	234	5,450	752	3,720	289	2,200	2,470	2,480	2,210
17	248	2,440	2,860	227	5,540	782	280	2,100	4,960	289	2,550	2,130
18	241	2,430	2,860	1,800	5,600	782	280	2,120	4,980	280	2,470	248
19	3,570	2,440	256	1,760	5,640	782	3,350	2,160	280	1,180	2,510	248
20	3,570	2,440	248	1,800	272	272	3,370	2,170	280	1,190	2,500	2,010
21	3,570	264	4,840	1,760	264	272	3,370	2,160	3,350	1,220	248	2,060
22	3,570	256	4,840	1,790	2,700	930	3,370	289	3,350	1,190	248	2,080
23	3,660	3,060	4,840	241	2,710	921	3,380	289	3,350	1,190	1,180	2,100
24	248	3,080	1,160	234	2,700	1,780	289	1,760	3,310	280	1,210	2,080
25	248	3,100	248	756	2,770	1,100	289	2,840	3,300	289	1,190	256
26	3,930	264	256	727	2,730	910	2,320	2,850	272	2,190	1,180	248
27	5,050	3,060	248	2,910	256	280	3,330	2,810	272	2,190	1,220	2,080
28	5,180	264	3,520	2,910	256	280	4,860	2,810	881	2,170	248	2,080
29	5,230	264	5,420	2,900	-----	4,830	4,880	289	881	2,170	248	2,150
30	5,280	4,530	5,320	213	-----	3,420	4,910	280	881	2,120	1,160	2,130
31	248	-----	5,270	220	-----	2,690	-----	2,220	-----	280	1,300	-----
TOTAL	111,658	51,832	95,596	49,400	84,454	51,003	99,828	54,872	59,026	40,569	35,514	45,327
MEAN	3,602	1,728	3,084	1,582	3,016	1,645	3,328	1,770	1,968	1,309	1,146	1,511
MAX	6,390	4,530	5,420	3,700	5,640	4,830	5,740	3,200	4,980	2,470	2,550	2,520
MIN	241	248	248	213	213	256	280	280	272	280	248	241
MEAN†	2,602	1,375	2,318	2,169	2,982	3,945	3,126	1,892	1,825	1,107	800	815
CFSM†	2 34	1 24	2 09	1 95	2 69	3 55	2 82	1 70	1 64	1 00	72	73
IN †	2 70	1 38	2 41	2 25	2 80	4 09	3 15	1 96	1 83	1 15	83	82

CAL YR 1964: TOTAL 1,220,122 MEAN 3,334 MAX 13,600 MIN 220 MEAN† 3,356 CFSM† 3 02 IN† 41 15

WAT YR 1965: TOTAL 1,778,719 MEAN 2,133 MAX 6,390 MIN 213 MEAN† 2,075 CFSM† 1 87 IN† 25 37

† Adjusted for change in contents in Allatoona Reservoir

MOBILE RIVER BASIN

2-3949 5 Hills Creek near Taylorsville, Ga

Location --Lat 34°04', long 84°57', on left bank on downstream side of highway bridge on county road, 2 miles southeast of Taylorsville, Polk County, and 2 miles upstream from mouth

Drainage area --26 sq mi, approximately

Records available --May 1959 to September 1965

Gage --Digital water-stage recorder Altitude of gage is 690 ft above mean sea level (from topographic map) Prior to Mar 10, 1965, graphic water-stage recorder at same site and datum

Average discharge --6 years, 13 6 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (350 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	0700	* 3,000	10 40	Apr 12, 1962	1200	504	7 58	Mar 15, 1964	1100	* 1,100	8 8
Feb 25, 1961	0800	519	7 63	July 6, 1962	1800	942	8 65	Mar 26, 1964	0100	* 1,450	9 2
Feb 25, 1961	0800	1,650	9 45					Apr 6, 1964	1700	1,040	8 7
Mar 8, 1961	1000	824	8 02	Jan 20, 1963	0100	414	7 17	May 3, 1964	0500	700	6 0
Apr 12, 1961	1100	474	7 45	Mar 12, 1963	2100	* 3,900	10 80				
Apr 16, 1961	0600	464	7 42	Apr 28, 1963		2,120	9 84	Oct 16, 1964	0900	355	6 21
				July 29, 1963	0400	434	7 13	Feb 7, 1965	0700	390	6 50
Dec 12, 1961	0800	* 2,500	10 10	Sept 28, 1963	2100	394	6 94	Apr 12, 1965	1200	* 805	8 23
Dec 18, 1961	0600	689	8 15	Jan 25, 1964	0300	1,180	8 9	May 21, 1965	2300	434	6 79
Jan 28, 1962	0700	914	8 60	Mar 2, 1964	2300	550	7 4				
Feb 22, 1962	0700	942	8 65								

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 29, 1961	1 3	1 43	1964	Sept 26, 1964	3 8	2 00
1962	Oct 1, 2, 1961	1 2	1 42	1965	Sept 29, 30, 1965	5 4	2 00
1963	Oct 1, 1962	2 2	1 53				

1959-65 Maximum discharge, 3,900 cfs Mar 12, 1963 (gage height, 10 80 ft), minimum, 0 56 cfs Aug 5, 1960 (gage height, 1 14 ft)

Remarks --Records good except those for periods of no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8.1	6.2	5.5	16	7.3	62	89	47	18	24	6.1	14
2	6.2	5.2	5.2	12	7.7	54	56	59	16	22	5.9	7.9
3	5.5	4.6	5.2	10	7.3	50	47	45	16	20	5.6	7.4
4	4.6	4.6	5.2	8.5	7.3	46	43	39	16	30	5.2	6.1
5	5.5	4.6	5.2	7.7	7.0	43	38	36	39	20	5.0	5.4
6	27	4.6	5.2	7.3	6.6	84	34	33	29	18	7.4	5.0
7	17	4.6	5.2	7.0	12	152	32	32	22	18	8.4	4.7
8	24	4.6	5.2	6.6	28	290	30	30	19	18	7.4	4.5
9	32	4.6	4.8	6.2	18	114	42	36	18	16	7.9	4.0
10	18	5.8	4.6	6.2	14	72	44	33	17	14	10	3.7
11	12	7.0	14	5.5	12	58	37	74	15	13	7.2	3.7
12	10	5.5	13	5.5	9.6	52	272	51	15	16	6.1	3.4
13	8.5	5.2	8.1	5.8	9.2	62	125	40	20	25	5.4	3.0
14	7.3	5.2	6.6	8.1	8.5	54	72	35	24	30	4.9	3.5
15	6.2	5.2	6.6	8.5	8.1	44	94	32	85	19	4.7	4.2
16	5.5	4.8	6.6	8.5	8.1	40	248	28	48	16	5.0	3.4
17	5.2	5.2	6.2	8.1	7.3	34	82	27	30	17	4.4	2.9
18	4.8	4.8	5.8	7.3	25	44	60	27	25	18	3.8	2.6
19	4.8	4.8	5.5	8.9	72	42	51	28	22	16	4.0	2.6
20	12	4.6	5.5	11	154	38	45	24	21	14	4.2	3.2
21	7.3	4.6	10	10	1,550	46	42	23	55	13	4.4	3.0
22	6.2	4.6	8.1	10	236	42	40	29	42	12	4.5	2.4
23	5.5	7.3	8.1	8.5	303	38	38	61	42	11	6.3	2.2
24	4.8	7.3	6.6	7.7	164	34	36	32	59	11	9.8	2.2
25	4.6	6.2	6.2	6.6	834	32	34	27	36	10	7.9	1.8
26	4.2	5.8	6.2	7.7	164	30	38	27	79	9.6	7.0	1.7
27	4.6	5.5	6.6	7.3	92	28	140	26	75	8.6	7.9	1.6
28	4.6	5.5	6.2	8.1	76	28	81	23	44	8.4	6.7	1.6
29	4.6	6.2	5.8	6.2	-----	28	53	22	34	7.6	5.6	1.4
30	4.2	6.2	7.3	6.2	-----	28	44	21	28	7.4	4.9	1.4
31	5.2	8.5	6.6	6.6	-----	145	-----	19	-----	6.7	7.0	-----
TOTAL	280.0	160.9	208.8	249.6	3,848.0	1,914	2,087	1,066	1,009	489.3	190.6	114.5
MEAN	9.03	5.36	6.74	8.05	137	61.7	69.6	34.4	33.6	15.8	6.15	3.82
MAX	32	7.3	14	16	1,550	290	272	74	85	30	10	14
MIN	4.2	4.6	4.6	5.5	6.6	28	19	15	6.7	3.8	1.4	1.4
CFSM	.35	.21	.26	.31	5.29	2.37	2.68	1.32	1.29	.61	.24	.15
IN.	.40	.23	.30	.36	5.50	2.74	2.99	1.52	1.44	.70	.27	.16

CAL YR 1960: TOTAL 6,649.91 MEAN 18.1 MAX 334 MIN 1.66 CFSM 1.70 IN 9.30
 MAY YR 1961: TOTAL 11,617.7 MEAN 31.8 MAX 1,550 MIN 1.44 CFSM 1.22 IN 16.62

2-3949 5 Hills Creek near Taylorsville, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.4	3.0	4.5	24	44	45	66	30	11	7.2	7.4	2.0
2	1.4	3.0	4.5	24	38	41	47	30	10	8.4	6.5	1.7
3	5.0	3.2	4.5	22	34	38	40	27	11	11	6.1	1.8
4	4.9	4.4	4.5	21	32	36	36	26	9.8	36	6.5	1.8
5	2.9	3.2	4.9	21	30	34	36	25	11	18	6.5	1.8
6	2.4	3.4	7.4	40	28	32	46	24	9.6	517	5.6	2.3
7	2.4	3.7	8.4	38	26	31	52	23	11	148	7.2	2.9
8	2.3	3.2	6.1	30	26	30	45	22	9.6	43	13	3.5
9	2.3	3.0	5.6	25	26	38	40	22	9.1	35	7.2	3.4
10	2.2	3.0	7.2	23	25	66	36	22	8.4	24	5.6	3.4
11	2.2	3.2	99	21	23	198	110	21	10	20	5.2	3.4
12	2.0	3.2	1,160	20	23	96	325	19	73	20	4.9	3.0
13	2.0	3.5	198	19	22	65	133	20	29	15	4.9	2.8
14	1.9	4.5	66	18	22	51	78	22	17	13	5.2	3.5
15	1.9	4.7	49	25	21	46	63	16	13	13	4.7	3.4
16	1.9	5.6	49	25	27	40	52	16	11	14	4.4	3.2
17	2.0	5.2	258	23	24	36	46	17	10	11	4.0	6.9
18	2.2	4.0	432	21	24	34	43	15	9.3	10	3.7	4.4
19	2.0	3.7	100	109	30	33	41	14	9.1	9.6	3.4	3.5
20	2.0	3.5	54	69	27	32	39	12	11	9.1	3.2	2.0
21	2.2	3.5	39	45	81	43	36	12	11	9.3	4.3	2.9
22	2.3	3.4	32	36	648	34	34	11	9.3	8.4	14	2.8
23	2.3	20	28	54	280	32	36	11	11	7.6	5.9	2.8
24	2.3	14	24	52	205	30	35	11	13	7.2	4.9	2.8
25	2.3	7.6	22	48	100	34	34	10	12	6.1	4.4	2.6
26	2.3	5.9	20	42	74	57	34	9.8	8.4	8.1	3.8	2.8
27	2.2	5.6	22	49	60	43	32	9.3	11	7.0	3.4	3.5
28	2.3	5.0	30	454	53	37	31	8.8	12	8.8	3.0	3.0
29	2.4	4.9	24	121	-----	34	40	8.4	9.6	16	2.8	2.6
30	2.8	4.7	22	73	-----	32	34	11.7	6.1	8.6	2.6	2.4
31	2.9	-----	21	54	-----	75	-----	11	-----	11	2.3	-----
TOTAL	73.6	148.8	2,871.4	1,646	2,053	1,473	1,720	536.3	398.3	1,082.4	166.6	89.9
MEAN	2.37	4.96	92.6	53.1	73.3	47.5	57.3	17.3	13.3	34.9	5.37	3.00
MAX	5.0	20	1,160	494	648	198	325	30	73	517	14	6.9
MIN	1.4	3.0	4.5	18	21	30	21	8.4	8.1	7.0	2.3	1.7
CFSM	.09	.19	3.56	2.04	2.82	1.83	2.21	.67	.51	1.34	.21	.12
IN.	.11	.21	4.11	2.35	2.94	2.11	2.46	.77	.57	1.55	.24	.13

CAL YR 1961: TOTAL 15,961.8 MEAN 38.2 MAX 1,350 MIN 1.4 CF5M 1.48 IN 79.11
 MAY YR 1962: TOTAL 12,295.3 MEAN 33.6 MAX 1,160 MIN 1.4 CF5M 1.29 IN 77.11

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.3	3.5	9.6	17	34	25	21	220	11	52	42	6.0
2	3.0	3.0	9.1	14	38	32	21	61	10	87	30	6.0
3	10	3.2	9.3	12	160	26	20	48	9.6	80	24	6.2
4	6.6	3.2	9.1	11	63	24	19	39	9.6	46	20	6.5
5	4.0	3.0	9.3	11	46	32	18	32	9.6	31	17	7.2
6	3.5	3.0	10	11	36	166	20	28	9.6	25	16	6.8
7	3.5	3.2	8.8	10	32	63	22	24	9.6	24	15	6.5
8	3.4	5.2	8.8	9.8	28	41	20	22	9.2	26	14	6.5
9	3.4	28	8.4	11	24	34	19	20	9.2	21	13	5.8
10	3.2	12	7.6	10	23	29	18	19	8.0	18	13	5.4
11	3.0	6.7	7.6	26	22	27	17	18	7.2	16	12	5.4
12	3.0	8.8	7.2	77	23	875	16	18	6.8	14	11	13
13	2.9	12	6.7	32	20	633	16	17	6.8	14	12	19
14	3.0	7.2	7.4	24	19	120	15	24	6.2	15	11	8.0
15	2.9	5.9	7.4	19	18	78	14	20	6.0	14	11	8.2
16	2.8	5.4	8.1	17	17	63	14	17	22	14	9.9	7.5
17	2.6	5.4	7.9	15	16	60	13	15	64	16	9.6	6.8
18	2.6	18	7.6	25	16	52	14	15	16	20	9.6	6.8
19	2.4	11	7.4	131	48	50	15	14	13	15	9.2	6.5
20	2.4	10	7.4	219	38	58	13	13	22	14	8.2	6.2
21	2.4	92	7.6	88	30	47	13	13	55	19	9.2	6.0
22	3.2	49	12	49	25	43	12	13	110	16	8.5	5.8
23	3.0	20	11	38	23	40	12	11	65	13	8.0	6.0
24	2.8	14	9.8	28	23	36	12	11	36	33	7.8	5.4
25	2.6	12	67	24	22	35	11	11	24	93	7.2	5.2
26	2.8	11	32	24	21	41	11	14	50	45	7.0	5.2
27	2.9	10	20	23	19	34	14	17	56	52	6.8	5.0
28	2.9	10	16	19	19	28	40	17	54	122	7.5	154
29	2.9	11	27	19	-----	25	200	20	65	194	7.0	71
30	2.9	10	27	28	-----	23	560	14	47	68	7.0	20
31	3.4	-----	20	37	-----	22	-----	12	-----	61	6.5	-----
TOTAL	102.3	396.7	414.1	1,078.8	903	2,862	1,230	837	827.4	1,276	390.0	433.9
MEAN	3.30	13.2	13.4	34.8	32.3	92.3	41.0	27.0	27.6	41.2	12.6	14.5
MAX	10	92	67	219	160	875	560	220	110	194	62	154
MIN	2.3	3.0	6.7	9.8	16	22	11	11	6.0	13	6.5	5.0
CF5M	.13	.51	.51	1.34	1.24	3.55	1.58	1.04	1.06	1.58	.48	.56
IN.	.15	.57	.59	1.54	1.29	4.09	1.76	1.20	1.18	1.83	.56	.62

CAL YR 1962: TOTAL 10,931.2 MEAN 27.5 MAX 698 MIN 1.7 CF5M 1.99 IN 13.98

Note --No gage-height record Mar 24 to May 1

2-3949 5 Hills Creek near Taylorsville, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	13	5.6	11	48	41	30	66	66	29	11	30	11
2	9.9	7.0	8.0	27	32	209	62	205	28	13	15	9.5
3	8.8	5.8	8.8	26	28	215	58	485	24	12	12	7.5
4	8.0	5.6	7.8	52	26	86	60	160	23	12	26	5.2
5	7.5	6.0	7.0	52	30	94	58	104	23	10	184	4.9
6	6.8	6.5	6.5	43	56	62	596	84	26	8.9	33	4.8
7	6.8	6.2	6.0	49	42	55	254	72	23	6.3	70	4.6
8	6.5	6.2	6.8	33	33	66	185	64	20	22	16	4.3
9	6.5	5.8	7.5	153	28	56	119	58	20	24	13	4.3
10	6.2	5.6	6.5	73	26	60	94	55	19	132	13	4.3
11	5.8	5.8	41	46	25	46	81	50	18	48	14	5.0
12	5.8	5.6	73	40	23	41	83	60	18	38	16	9.8
13	5.6	5.6	34	34	27	37	190	54	18	24	12	7.2
14	5.4	5.6	57	26	34	90	145	46	16	18	11	5.5
15	5.4	5.6	36	21	33	804	100	43	15	16	11	5.4
16	5.4	5.6	20	20	44	198	82	40	15	43	22	4.9
17	5.4	5.8	15	19	36	107	72	37	14	18	20	4.6
18	5.2	5.8	12	18	135	82	66	36	13	16	15	4.4
19	5.2	5.8	9.9	16	91	68	60	34	13	15	12	4.8
20	5.2	5.8	9.2	24	56	66	56	33	12	14	11	5.0
21	5.2	5.8	8.2	20	43	67	53	31	11	14	10	4.6
22	5.0	5.8	7.8	18	37	55	51	30	11	13	10	4.9
23	5.0	6.5	9.9	16	32	50	50	37	10	12	12	5.2
24	5.0	6.5	10	276	29	47	62	36	12	12	16	4.9
25	5.2	6.0	8.8	638	43	449	120	30	12	13	11	4.4
26	5.2	6.2	8.5	110	48	864	105	27	12	11	10	4.2
27	5.2	7.0	8.8	65	41	194	185	26	13	10	9.5	4.3
28	5.2	8.0	8.2	47	38	121	145	25	12	9.5	8.6	5.2
29	4.8	52	8.0	37	32	94	10.0	26	10	8.9	8.0	7.0
30	4.6	22	7.5	32	-----	78	78	26	9.2	12	7.8	23
31	4.8	-----	8.4	34	-----	70	-----	25	-----	44	8.8	-----
TOTAL	189.6	243.1	477.1	2,113	1,189	4,561	3,442	2,105	499.2	662.6	617.7	184.7
MEAN	6.12	8.0	15.4	68.2	40.0	147.5	67.9	41.4	16.4	21.4	19.9	6.1
MAX	13	52	73	638	135	864	596	485	29	132	184	23
MIN	4.6	5.6	6.0	16	23	30	50	25	9.2	8.3	7.8	4.2
CFSM	.24	.31	.59	2.62	1.58	5.66	4.41	2.61	.64	.82	.77	.24
IN.	.27	.35	.68	3.02	1.70	6.52	4.92	3.01	.71	.95	.88	.26

CAL YR 1963: TOTAL 10,747.9

MEAN 29.4

MAX 875

MIN 4.6

CFSM 1.13

IN 15.37

WAT YR 1964: TOTAL 16,284.0

MEAN 44.5

MAX 864

MIN 4.2

CFSM 1.71

IN 23.29

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	15	11	16	24	28	39	51	26	15	18	9.5	7.0
2	8.3	11	16	24	52	47	47	25	15	14	9.7	8.2
3	7.2	11	16	29	40	45	45	24	15	29	9.1	10
4	24	11	66	24	33	110	186	22	16	23	8.2	6.4
5	60	11	38	22	29	84	162	21	23	21	8.4	7.8
6	22	11	28	22	51	63	121	20	18	21	12	7.7
7	14	11	24	21	257	52	95	20	26	17	11	7.7
8	12	11	22	20	92	48	72	19	42	16	38	7.1
9	11	11	20	19	60	43	63	17	23	14	47	6.6
10	9.2	11	19	26	48	40	54	16	20	24	14	7.8
11	8.3	11	20	25	45	36	50	17	25	55	11	8.6
12	8.0	11	47	22	165	94	327	17	24	23	9.7	15
13	7.8	10	39	22	105	82	123	16	21	17	8.9	8.8
14	7.5	10	30	20	70	60	80	15	19	14	8.4	7.7
15	38	10	26	19	51	51	67	14	20	14	24	7.1
16	248	10	23	20	44	45	60	13	20	14	20	6.6
17	55	10	22	18	60	48	51	13	18	12	9.9	6.4
18	29	10	28	18	66	51	47	13	16	11	8.7	6.3
19	22	11	25	18	53	44	51	14	15	10	8.0	9.2
20	19	12	32	17	45	42	46	40	14	9.4	7.4	6.9
21	17	11	35	17	41	37	38	40	129	13	9.0	7.2
22	16	9.8	30	17	37	30	30	133	13	8.7	6.6	6.0
23	14	9.8	28	108	35	37	36	40	12	9.0	8.2	13
24	14	14	26	112	43	147	35	30	15	10	7.1	9.6
25	13	115	74	49	85	132	33	25	32	17	6.6	8.3
26	13	36	92	39	52	151	33	23	41	25	6.5	7.3
27	12	24	78	31	44	134	40	22	16	14	6.6	7.1
28	12	22	46	26	41	85	32	21	20	13	6.6	6.1
29	12	20	34	26	-----	74	29	19	20	16	6.6	5.6
30	12	18	28	31	-----	65	27	17	18	15	6.6	6.4
31	12	-----	26	-----	-----	57	-----	16	-----	11	-----	-----
TOTAL	772.3	494.6	1,054	914	1,772	2,081	2,141	857	605	524.1	358.0	237.9
MEAN	24.9	16.5	34.0	29.5	63.3	67.1	71.4	27.6	20.2	16.9	11.5	7.93
MAX	248	115	92	112	257	151	327	133	42	55	47	15
MIN	7.2	9.8	16	17	28	36	27	13	12	8.7	6.5	5.6
CFSM	.66	.63	1.31	1.13	2.43	2.58	2.74	1.06	.78	.65	.44	.31
IN.	1.10	.71	1.51	1.31	2.53	2.98	3.06	1.23	.87	.75	.51	.34

CAL YR 1964: TOTAL 17,695.1

MEAN 48.3

MAX 864

MIN 4.2

CFSM 1.26

IN 22.80

WAT YR 1965: TOTAL 11,816.9

MEAN 32.4

MAX 327

MIN 3.6

CFSM 1.26

IN 22.80

2-3950 Etowah River near Kingston, Ga

Location --Lat 34°13', long 84°59', on downstream side of center pier of bridge on U. S. Highway 411, 1 mile upstream from Two Run Creek, 1½ miles upstream from Connesena Creek and 2½ miles southwest of Kingston, Bartow County

Drainage area --1,630 sq mi, approximately

Records available --July 1928 to December 1931, October 1936 to September 1965 Monthly discharge only for some periods, published in WSP 1304, 1724

Gage --Water-stage recorder Datum of gage is 609.97 ft above mean sea level (Dixie Construction Co bench mark) Prior to Aug 11, 1928, staff gage, Aug 11, 1928, to Dec 21, 1931, graphic water-stage recorder, Nov 16, 1936, to June 15, 1937, staff gage, and June 16, 1937, to June 27, 1960, graphic water-stage recorder, all 500 ft upstream at same datum

Average discharge --32 years, 2,423 cfs (unadjusted)

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum daily		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 21, 1961	25,200	18.5	Sept 24, 1961	515	-
1962	Dec 12, 1961	19,300	15.8	Oct 15, 1961	475	-
1963	Mar 13, 1963	16,600	15.0	Oct 1, 15, 28, 1962	483	-
1964	Mar 26, 1964	22,900	19.4	Sept 27, 1964	506	-
1965	Oct 16, 1964	12,000	12.55	Sept 26, 1965	582	-

1928-31, 1936-65 Maximum discharge, 42,700 cfs Apr 9, 1938 (gage height, 27.7 ft), minimum daily, 268 cfs Oct 19, 1931

Maximum stage known, about 31 ft Dec 11, 1919, from information by local resident (discharge, 52,000 cfs)

Remarks --Flow regulated by Allatoona Reservoir (see p 630, 632)

Cooperation --Gage-height record, 105 discharge measurements, and computation of daily discharge furnished by Corps of Engineers, records reviewed by Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,340	1,550	2,210	640	1,680	1,970	3,660	3,880	2,470	1,530	3,720	1,520
2	610	1,540	2,200	740	1,760	1,640	2,340	5,530	2,460	790	3,730	783
3	1,740	1,520	1,210	1,640	1,580	1,420	3,520	5,350	1,290	3,140	3,710	630
4	3,000	1,520	585	2,590	1,080	1,340	4,340	5,270	718	1,840	3,700	605
5	3,020	928	1,780	2,600	560	1,200	5,770	5,160	2,260	3,200	1,950	1,210
6	3,340	566	2,860	2,570	1,010	1,730	6,710	2,360	2,390	4,120	692	1,360
7	3,500	1,830	2,860	1,570	1,400	5,870	6,720	980	2,270	4,110	2,300	1,350
8	2,290	2,660	2,890	600	1,560	10,700	3,490	2,400	2,230	1,740	2,740	1,350
9	2,760	2,630	2,890	1,350	1,630	5,230	1,100	3,130	2,240	768	2,740	694
10	2,560	2,690	1,660	1,220	1,530	3,420	3,060	3,230	891	1,680	2,770	562
11	2,420	2,700	610	1,960	996	3,890	4,980	3,570	740	1,900	2,760	1,380
12	2,220	1,410	1,180	2,050	620	5,800	8,110	3,660	2,330	1,930	1,030	1,890
13	2,140	566	1,990	2,040	1,100	6,550	8,830	1,930	2,850	2,160	606	1,930
14	2,110	1,340	1,980	1,220	1,420	9,410	6,520	1,060	2,920	2,410	1,740	1,980
15	1,350	1,990	1,960	615	1,420	10,300	3,650	3,030	3,130	1,150	2,090	1,970
16	620	1,980	2,000	967	1,390	10,100	3,220	3,840	3,240	945	2,100	1,300
17	1,660	1,990	1,400	1,340	1,380	9,990	4,940	3,810	1,370	2,140	2,090	544
18	2,770	1,990	557	1,310	934	10,100	6,500	3,800	868	2,320	2,060	1,570
19	2,800	1,170	2,020	1,330	1,300	9,670	6,330	3,820	2,610	2,300	927	1,990
20	2,930	557	3,280	1,370	2,960	10,100	6,260	1,710	3,130	2,760	580	2,090
21	2,960	1,660	3,380	994	17,100	10,100	6,180	850	3,510	2,220	1,520	2,100
22	1,990	2,610	3,370	585	21,300	10,200	3,250	1,860	3,720	1,040	1,700	2,070
23	1,260	2,690	3,360	1,630	9,060	10,100	1,190	2,860	3,330	691	1,750	1,150
24	1,940	2,660	1,640	2,050	5,060	9,970	2,240	2,650	1,560	2,720	1,850	515
25	3,020	2,660	571	2,130	13,700	9,920	3,340	2,490	1,080	4,340	1,790	2,460
26	3,010	1,450	557	2,170	12,300	9,590	3,440	2,470	3,210	4,420	771	3,730
27	3,040	570	2,390	2,150	4,050	9,840	4,470	1,420	4,560	4,350	640	3,520
28	3,000	1,370	3,770	1,090	2,490	6,870	4,870	848	4,010	4,340	1,250	3,540
29	1,750	2,140	3,810	571	-----	6,350	2,590	1,960	3,690	2,250	1,370	3,500
30	566	2,170	3,830	1,140	-----	6,350	1,260	2,510	3,580	650	1,370	1,710
31	1,120	-----	1,950	1,670	-----	6,830	-----	2,480	-----	2,340	1,400	-----
TOTAL	68,836	53,107	66,750	45,902	112,370	216,550	132,880	89,918	74,657	71,794	59,446	51,003
MEAN	2,221	1,770	2,153	1,481	3,613	6,985	4,259	2,901	2,489	2,316	1,918	1,700
MAX	3,500	2,700	3,830	2,600	21,300	10,700	8,830	5,530	4,560	4,420	3,730	3,730
MIN	566	557	557	571	560	1,200	1,100	848	718	650	580	515
CAL YR 1960: TOTAL	760,710											
MEAN	2,065											
MAX	2,805											
MIN	1,27											
INT	17 29											
INT	23 35											

+ Adjusted for change in contents in Allatoona Reservoir

2-3950 Etowah River near Kingston, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	511	753	2,050	10,100	1,690	5,420	2,280	5,590	2,160	655	1,540	941
2	1,340	755	1,360	10,400	1,550	5,280	2,400	2,540	1,160	1,740	1,520	566
3	2,340	761	523	7,720	1,300	4,300	3,790	4,460	713	2,060	1,520	560
4	2,330	667	1,890	10,400	1,010	3,050	4,490	5,380	2,230	1,030	683	1,060
5	2,280	495	3,040	10,300	3,730	5,080	4,410	2,510	2,940	2,200	630	1,240
6	2,260	608	2,980	9,820	5,160	6,530	4,570	1,820	2,950	3,910	1,950	1,240
7	1,400	783	3,080	9,680	5,120	6,480	3,310	2,890	3,000	4,770	2,400	1,280
8	507	807	3,080	9,500	5,120	6,510	1,750	4,440	3,260	2,120	2,490	771
9	619	823	1,690	9,300	5,120	6,750	2,880	4,440	1,510	2,300	2,490	544
10	768	814	1,090	9,250	2,240	3,310	4,610	4,410	742	2,430	2,470	942
11	765	677	3,310	6,620	910	3,290	6,290	4,410	1,820	2,360	1,080	1,220
12	761	507	15,700	6,430	3,030	4,960	7,030	2,340	2,520	2,300	995	1,220
13	762	634	12,000	6,240	4,390	5,320	6,090	826	2,680	2,420	2,340	1,210
14	644	856	4,660	3,420	4,390	5,960	2,900	1,840	2,330	1,190	2,810	1,150
15	475	851	2,280	5,180	4,390	6,750	2,010	2,270	2,170	730	2,820	822
16	578	867	1,880	6,200	4,460	6,590	1,800	2,520	1,030	1,890	2,820	551
17	750	710	3,610	6,230	2,340	5,690	4,800	4,260	724	2,650	2,800	946
18	749	707	9,820	6,160	892	3,680	7,830	2,280	1,630	2,670	1,090	1,290
19	749	515	7,440	6,950	1,450	4,040	9,380	1,050	1,890	2,710	566	1,290
20	768	910	3,130	4,190	1,820	5,290	9,750	762	1,840	2,640	1,680	1,270
21	703	1,400	2,160	1,550	2,180	5,490	6,850	1,600	1,880	1,470	1,900	1,280
22	495	1,390	2,070	1,510	9,660	5,360	4,020	1,920	1,900	660	2,030	941
23	612	1,150	2,140	1,890	10,400	5,380	5,120	1,930	880	2,120	2,010	495
24	774	1,360	3,970	2,120	8,570	2,680	6,380	1,880	696	2,620	1,960	648
25	787	1,170	5,870	2,000	4,490	1,060	6,460	1,900	1,550	2,650	808	1,020
26	779	580	8,540	2,040	5,430	2,360	5,570	1,020	1,650	2,620	562	1,010
27	780	1,240	9,970	1,650	5,810	2,740	2,410	702	1,730	2,660	1,380	1,560
28	656	2,070	10,200	4,770	5,570	2,570	1,980	1,640	1,640	1,090	1,580	1,040
29	495	2,090	10,400	4,260	-----	2,430	1,010	2,070	1,660	768	1,720	831
30	604	2,060	10,100	2,360	-----	2,420	4,180	2,630	754	1,520	1,750	491
31	760	-----	9,970	1,920	-----	2,040	-----	2,340	-----	1,610	2,740	-----
TOTAL	28,801	29,010	160,023	180,160	112,222	136,810	136,390	78,970	53,639	64,623	54,034	29,409
MEAN	929	967	5,162	5,812	4,008	4,478	4,546	2,547	1,788	2,085	1,743	980
MAX	2,340	2,090	15,700	10,400	10,400	6,750	9,750	5,590	3,260	4,770	2,820	1,560
MIN	475	495	523	1,510	892	1,060	1,010	702	698	655	562	491

CAL YR 1961: TOTAL 1,072,354 MEAN 2,938 MAX 21,300 MIN 475 MEANT 3,253 CFSMT 2.00 INT 27.15
 MAY 1962: TOTAL 1,066,091 MEAN 2,921 MAX 15,700 MIN 475 MEANT 2,949 CFSMT 1.81 INT 24.57

† Adjusted for change in contents in Allatoona Reservoir

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	483	1,800	2,510	1,580	2,450	1,620	4,560	7,440	2,590	3,210	4,040	558
2	1,080	1,819	3,000	3,000	3,300	1,010	5,430	2,750	1,665	5,140	3,810	566
3	1,150	1,240	3,340	3,840	2,440	910	5,700	1,850	1,510	5,280	2,180	1,110
4	1,450	487	5,020	3,840	3,020	1,620	5,700	1,410	1,940	2,770	762	1,400
5	1,270	589	5,020	1,390	2,620	1,870	5,700	1,090	1,940	3,030	2,190	1,440
6	1,180	1,070	5,020	618	2,400	4,100	2,710	3,920	1,940	2,550	2,840	1,330
7	511	1,070	5,020	1,600	2,300	3,030	874	6,630	1,940	814	2,840	716
8	511	1,090	1,550	1,850	2,180	1,930	1,280	6,680	1,070	2,340	2,810	558
9	1,120	1,370	540	1,850	1,190	1,220	1,850	8,710	610	2,950	2,800	985
10	1,120	1,290	3,610	1,830	810	1,060	1,810	8,760	2,050	2,950	1,360	1,100
11	1,100	615	4,250	1,870	2,460	2,350	1,790	8,820	2,840	3,290	650	1,090
12	1,100	566	4,370	1,870	2,850	5,100	1,790	8,820	2,840	3,900	1,900	1,130
13	1,110	866	4,370	856	2,910	15,300	1,320	8,820	2,840	2,030	2,210	1,230
14	495	1,340	4,370	1,670	2,780	9,340	746	8,790	2,840	702	2,210	704
15	483	1,300	1,040	1,850	2,780	2,990	1,290	8,840	1,400	1,520	2,210	576
16	1,080	1,280	510	1,780	1,130	2,090	1,840	8,840	615	1,610	2,210	1,630
17	1,080	1,020	1,520	1,740	684	2,340	1,840	8,790	2,850	1,640	975	2,730
18	1,080	600	2,010	1,830	2,260	2,310	1,840	3,020	2,860	2,820	640	2,740
19	1,080	965	2,010	1,940	2,730	2,160	1,840	718	2,610	3,410	1,290	2,740
20	1,080	1,390	1,990	4,390	3,230	5,080	1,220	2,580	2,760	1,460	1,370	2,740
21	487	1,820	1,980	3,430	2,790	10,400	665	3,990	3,500	752	1,370	1,660
22	728	3,060	1,410	5,120	2,570	10,400	940	3,950	2,940	1,660	1,370	523
23	1,440	1,750	558	5,780	946	10,300	1,190	3,920	2,330	1,940	1,370	1,860
24	1,430	1,330	2,520	5,650	774	9,710	1,190	3,900	2,370	2,180	883	3,040
25	1,390	702	1,700	5,400	1,480	9,590	1,190	2,000	3,520	3,960	580	3,040
26	1,410	3,480	3,530	1,950	1,520	9,940	1,190	691	5,160	3,970	1,090	3,040
27	1,100	5,270	3,520	894	1,500	9,830	968	1,570	5,700	1,700	1,350	3,080
28	483	5,350	3,200	1,960	1,500	9,640	680	1,720	5,640	1,320	1,210	3,810
29	1,080	5,320	1,450	2,210	-----	5,180	3,510	1,910	3,380	4,290	1,170	2,520
30	1,800	5,340	1,150	2,280	-----	3,890	13,700	3,640	1,240	3,480	1,170	1,520
31	1,840	-----	3,190	2,490	-----	2,690	-----	5,210	-----	3,670	668	-----
TOTAL	32,751	55,180	82,883	78,438	57,604	159,000	76,553	153,779	76,490	82,538	53,328	51,166
MEAN	1,056	1,839	2,674	2,530	2,057	5,129	2,552	4,961	2,550	2,663	1,720	1,706
MAX	1,840	5,350	5,020	5,780	3,230	15,300	13,700	8,840	5,700	5,280	4,040	3,520
MIN	483	487	510	618	684	910	665	691	610	702	580	523

CAL YR 1962: TOTAL 1,019,071 MEAN 2,792 MAX 10,400 MIN 483 MEANT 2,529 CFSMT 1.55 INT 21.04
 MAY 1963: TOTAL 959,710 MEAN 2,629 MAX 15,300 MIN 483 MEANT 2,712 CFSMT 1.66 INT 22.53

† Adjusted for change in contents in Allatoona Reservoir

2-3950 Etowah River near Kingston, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,180	2,420	1,360	2,260	7,430	1,060	6,860	10,800	2,590	3,180	1,660	3,410
2	3,710	1,630	2,380	1,950	6,120	2,890	9,740	11,500	4,450	3,490	690	3,070
3	3,670	522	3,580	2,470	6,320	7,490	10,300	14,500	4,200	1,690	1,440	1,950
4	3,670	1,280	3,560	2,010	6,940	4,910	10,800	7,480	4,100	780	1,640	1,960
5	1,930	2,230	3,560	1,320	6,680	5,030	10,200	3,920	4,160	762	2,460	960
6	570	2,230	3,540	2,500	7,200	4,820	13,300	7,270	2,730	1,610	1,830	550
7	2,460	2,270	1,720	3,540	7,430	3,110	14,600	7,380	892	2,150	1,660	562
8	3,870	2,270	550	3,420	3,300	2,250	17,600	9,550	2,390	2,210	834	908
9	3,870	1,500	1,650	4,720	1,120	4,950	13,900	10,400	3,560	2,440	650	1,720
10	3,870	518	2,590	4,810	4,160	6,750	13,200	10,400	3,560	2,530	1,900	1,610
11	3,870	1,210	2,870	2,460	6,010	6,430	13,300	10,300	3,560	2,640	2,590	1,610
12	1,950	2,140	4,050	1,270	5,940	6,280	11,700	10,600	3,560	1,150	2,610	1,220
13	538	2,160	3,540	3,360	6,000	6,200	12,900	10,800	2,040	2,190	2,570	554
14	1,800	2,140	2,380	4,340	6,220	3,410	13,100	10,600	768	2,370	2,490	1,460
15	2,740	2,160	2,340	4,210	6,200	11,300	11,900	10,500	1,870	2,270	1,320	2,250
16	2,780	1,460	3,580	4,180	4,020	10,100	11,100	10,400	2,730	2,690	750	2,250
17	2,240	518	3,540	4,210	5,250	4,320	11,500	10,200	2,690	2,340	1,650	2,240
18	1,960	1,350	5,720	1,960	7,450	2,850	11,600	10,000	2,700	1,090	1,830	2,250
19	1,210	2,250	5,730	801	7,940	2,430	12,200	10,200	2,680	750	1,800	1,380
20	546	2,240	5,740	2,670	6,910	2,320	12,200	10,200	1,630	1,970	1,770	562
21	1,040	2,260	2,820	3,960	6,510	2,120	11,900	10,100	685	2,260	1,760	1,380
22	1,950	2,280	650	3,680	3,090	3,230	12,200	10,300	2,740	2,790	940	2,100
23	1,950	1,510	3,060	3,660	1,220	7,410	12,100	7,080	2,960	3,100	705	2,110
24	1,950	560	4,630	5,390	1,790	9,240	12,100	4,930	3,060	3,130	2,100	2,100
25	1,950	1,630	2,200	13,000	2,240	11,900	11,200	4,570	3,100	1,340	2,460	2,090
26	1,450	2,890	3,110	7,540	2,500	20,200	11,100	6,870	3,010	685	2,420	1,250
27	51	2,920	4,650	3,400	2,330	10,300	12,000	6,780	1,520	2,530	2,400	506
28	1,290	1,310	2,360	2,360	2,815	2,450	12,500	6,815	2,220	2,700	2,100	2,050
29	380	2,290	620	3,220	1,550	6,300	11,900	6,750	1,220	3,350	1,110	2,506
30	2,360	2,280	1,230	4,750	-----	2,420	11,100	3,390	3,050	3,350	590	2,320
31	2,360	-----	2,140	6,080	-----	2,960	-----	890	-----	3,390	2,520	-----
TOTAL	69,648	54,868	93,456	116,021	142,110	174,890	362,100	265,410	80,020	69,563	53,649	49,632
MEAN	2,246	1,829	3,015	3,743	4,900	5,642	12,070	8,462	2,607	2,260	1,654	1,504
MAX	3,870	2,920	5,740	13,000	7,940	20,200	17,600	14,500	4,450	3,490	2,620	3,410
MIN	510	518	550	801	1,120	1,060	6,860	890	685	685	590	506

CAL YR 1963: TOTAL 1,006,838 MEAN 2,758 MAX 15,300 MIN 510 MEANT 2,729 CFSMT 1.67 INT 22.67
WAT YR 1964: TOTAL 1,531,337 MEAN 4,184 MAX 20,200 MIN 506 MEANT 4,156 CFSMT 2.55 INT 34.71

† Adjusted for change in contents in Allatoona Reservoir

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,040	655	4,930	3,390	3,200	2,030	3,820	2,830	2,730	1,420	630	1,630
2	2,380	1,120	4,430	1,700	4,980	2,970	4,960	2,970	2,730	1,420	1,440	1,560
3	1,460	2,180	4,930	946	4,970	4,820	5,900	2,310	2,730	1,020	1,540	2,020
4	1,270	2,180	5,420	2,760	4,860	5,720	4,580	3,830	2,780	787	1,530	1,430
5	4,400	2,180	3,100	4,230	4,810	5,940	7,430	3,810	1,790	801	1,530	685
6	6,420	2,180	1,080	4,230	2,460	2,960	8,140	3,780	843	1,580	1,620	635
7	6,930	1,310	3,890	4,230	3,300	1,440	7,460	3,780	1,640	2,280	792	1,700
8	6,400	620	5,500	4,300	4,610	2,260	7,060	2,440	3,140	2,300	720	2,720
9	6,380	1,860	5,520	2,350	5,410	3,310	6,900	815	3,260	2,300	1,810	2,720
10	5,390	2,640	5,530	801	5,760	3,520	3,600	1,700	4,100	1,420	1,680	2,720
11	2,170	2,640	5,560	1,690	5,840	3,450	1,380	2,560	4,420	1,030	1,600	1,650
12	3,920	2,660	2,690	2,290	6,260	3,750	4,700	2,560	3,180	2,470	1,560	752
13	6,420	2,660	1,220	2,230	4,250	3,180	6,610	2,560	1,170	3,000	1,540	1,540
14	6,460	1,410	2,470	2,230	1,980	1,610	5,260	2,560	1,850	2,900	765	2,420
15	6,610	590	3,500	2,230	4,550	1,640	5,020	1,710	2,680	2,900	605	2,420
16	9,160	1,820	3,420	1,490	6,510	1,760	5,030	744	2,970	2,990	2,170	2,420
17	5,130	2,740	3,420	756	6,600	1,750	2,970	1,630	4,220	1,590	2,790	2,380
18	1,450	2,740	3,520	1,560	6,940	1,800	1,260	2,620	5,640	670	2,930	1,590
19	3,020	2,740	2,020	2,350	6,750	1,780	3,160	2,620	2,960	1,460	2,820	630
20	4,230	2,740	822	2,350	3,550	1,420	4,450	7,620	762	1,590	2,820	1,240
21	4,180	1,940	3,940	2,350	1,230	1,060	4,380	2,820	2,510	1,580	1,620	2,220
22	4,140	595	5,470	2,350	2,570	1,360	4,310	3,610	3,770	1,580	575	2,220
23	4,110	2,120	5,420	2,050	3,640	1,680	4,310	2,000	3,750	1,560	1,110	2,220
24	2,100	3,450	3,100	3,410	3,460	4,280	2,460	1,800	3,800	810	1,620	2,290
25	705	4,450	1,640	2,360	4,740	5,110	1,070	3,020	3,880	705	1,600	1,610
26	2,790	2,700	1,810	1,850	4,310	3,660	2,100	3,470	2,540	1,830	1,630	562
27	3,300	2,450	1,950	2,930	2,510	3,750	3,670	3,400	829	2,610	1,540	1,730
28	5,590	2,070	3,370	3,740	1,240	2,360	1,160	1,720	3,400	2,580	1,110	2,320
29	5,650	738	5,710	3,740	-----	4,820	5,740	2,070	1,430	2,640	575	2,400
30	5,680	3,220	6,020	2,270	-----	5,780	5,680	750	1,440	2,600	944	2,340
31	2,560	-----	5,900	986	-----	4,350	-----	1,920	-----	1,710	1,510	-----
TOTAL	135,045	63,398	117,802	76,149	121,490	95,320	139,110	76,769	80,904	56,093	46,726	54,214
MEAN	4,356	2,113	3,800	2,456	4,339	3,075	4,637	2,476	2,697	1,809	1,507	1,507
MAX	9,160	4,450	6,020	4,300	6,940	5,940	8,140	3,830	5,640	3,000	2,930	2,720
MIN	705	590	822	756	1,230	1,060	1,070	744	762	670	575	562

CAL YR 1964: TOTAL 1,629,640 MEAN 4,453 MAX 20,200 MIN 506 MEANT 4,475 CFSMT 2.75 INT 37.43
WAT YR 1965: TOTAL 1,063,020 MEAN 2,912 MAX 9,160 MIN 562 MEANT 2,854 CFSMT 1.75 INT 23.76

† Adjusted for change in contents in Allatoona Reservoir

2-3960 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

Records available --July to December 1903, August 1904 to June 1921 (published as "near Rome"), October 1938 to September 1965 Monthly discharge only for some periods, published in WSP 1304

Gage --Digital water-stage recorder Datum of gage is 561.70 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 July 1 to Dec 31, 1903, staff gage at Second Avenue Bridge, 1 mile downstream at different datum Aug 17, 1904, to June 30, 1921, staff gage at Freemans Ferry 5 miles upstream at different datum May 15, 1939, to Dec 30, 1963, graphic water-stage recorder at present site and datum Since May 15, 1939, auxiliary water-stage recorder at Second Avenue Bridge 1 mile downstream

Average discharge --43 years (1904-20, 1938-65), 2,862 cfs (unadjusted)

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum daily		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 22, 1961	23,700	a 30.39	Dec 4, 1960	589	-
1962	Dec 12, 1961	20,700	b 28.45	Sept 24, 1962	536	-
1963	Apr 30, 1963	18,500	27.86	Oct 15, 1962	532	-
1964	Mar 28, 1964	29,500	35.25	Sept 6, 7, 13, 27, 1964	600	-
1965	Apr 5, 1965	12,500	c 22.97	Nov 15, 1964	533	-
a Occurred Feb 25, 1961						
b Occurred Dec 18, 1961						
c Occurred Mar 30, 1965						

1904-21, 1938-65 Maximum discharge, 55,000 cfs Dec 11, 1919 (gage height, over 28 ft at former site at Freemans Ferry), computed from data at upstream stations, minimum daily, 360 cfs Oct 10, 24, 1904.

Maximum stage known, that of Dec 11, 1919 Flood of Apr 9, 1938, reached a stage of 37.5 ft (discharge, 46,500 cfs), from gage reading and discharge measurement by Corps of Engineers

Remarks --Records fair Flow regulated by Allatoona Reservoir (see p 630, 632)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

OAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,470	1,670	2,160	791	1,600	3,200	5,260	2,400	2,180	3,190	3,820	1,510
2	721	1,630	2,150	941	1,640	2,400	3,280	5,670	2,670	1,050	3,780	1,500
3	742	1,620	1,820	1,250	1,550	2,000	3,080	5,490	2,320	1,560	3,960	700
4	2,990	1,620	589	3,010	1,510	1,700	4,720	5,340	893	3,380	3,820	607
5	3,090	1,510	994	2,560	612	1,500	5,130	5,300	1,290	1,680	3,670	648
6	3,490	664	2,840	2,610	604	1,250	6,960	4,270	2,470	4,140	895	1,310
7	3,970	1,080	2,810	2,270	1,380	5,270	6,750	2,500	2,420	4,040	1,210	1,390
8	3,450	2,860	2,830	699	1,650	11,600	5,110	1,200	2,380	3,450	2,800	1,330
9	2,640	2,790	2,890	798	1,750	7,950	1,440	3,260	2,400	961	2,800	1,330
10	2,500	2,830	2,110	1,740	3,430	3,990	2,150	3,360	2,180	936	2,890	631
11	2,750	2,810	779	1,270	1,460	4,180	4,840	3,740	902	1,870	2,800	676
12	2,530	2,350	762	1,980	730	6,390	6,940	3,830	1,240	1,940	2,600	1,980
13	2,350	674	2,060	1,980	773	6,460	9,900	3,010	2,900	2,230	717	1,980
14	2,350	783	2,170	1,780	1,380	9,630	7,640	1,500	2,930	2,600	779	1,990
15	2,160	2,040	1,940	720	1,390	10,300	6,260	1,200	3,060	2,070	2,260	2,000
16	772	2,040	1,890	706	1,350	10,200	3,920	3,980	3,280	1,090	2,260	1,960
17	808	2,040	1,850	1,300	1,310	10,100	3,240	3,910	2,870	1,140	2,280	612
18	2,980	2,160	593	1,270	1,350	10,200	6,610	3,910	1,080	2,400	2,230	663
19	2,950	1,890	1,150	1,250	1,150	9,700	6,570	3,950	1,330	2,500	2,160	2,180
20	3,110	672	2,960	1,320	2,540	10,100	6,450	3,080	3,140	2,500	665	2,240
21	3,130	935	3,920	1,360	13,200	10,100	6,290	1,070	4,470	2,400	728	2,230
22	2,860	3,000	3,350	707	23,200	10,200	5,010	1,290	4,870	2,300	1,840	2,200
23	1,600	2,680	3,350	959	15,400	10,100	1,460	3,110	4,060	1,800	1,950	2,160
24	1,200	2,670	2,730	2,160	8,690	10,000	2,000	2,960	3,830	1,000	2,020	617
25	3,180	2,770	648	2,250	15,400	9,920	3,500	2,780	1,660	4,000	1,940	1,130
26	3,280	2,530	593	2,280	17,000	9,560	3,630	2,520	2,860	4,320	1,860	3,670
27	3,210	618	1,260	2,140	8,130	9,910	4,450	2,390	5,220	4,320	735	3,710
28	3,310	790	3,750	1,740	3,890	7,150	5,510	1,100	4,750	4,220	690	3,540
29	2,980	2,080	3,950	684	-----	6,240	3,960	1,340	4,020	3,680	1,460	3,520
30	699	2,160	3,850	691	-----	6,480	1,630	2,660	3,840	799	1,470	3,210
31	738	-----	3,050	1,600	-----	7,530	-----	2,650	-----	1,140	1,440	-----
TOTAL	75,010	55,966	67,798	46,816	134,069	225,310	143,690	94,770	83,515	74,706	64,489	53,224
MEAN	2,420	1,866	2,187	1,510	4,788	7,268	4,790	3,057	2,784	2,410	2,080	1,774
MAX	3,970	3,000	3,950	3,010	23,200	11,600	9,900	5,670	5,220	4,320	3,960	3,710
MIN	699	618	589	684	604	1,250	1,440	1,070	893	799	665	607
CAL YR 1960† TOTAL	833,567											
MEAN	2,278											
MAX	7,750											
MIN	589											
MEAN†	2,264											
MEAN†	3,014											
CFSMT†	1.25											
CFSMT†	1.67											
IN†	17.01											
IN†	22.60											

† Adjusted for change in contents in Allatoona Reservoir

2-3960 Etowah River at Rome, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	582	863	2,160	9,680	1,700	5,660	2,930	5,580	2,260	770	1,730	1,840
2	655	863	1,920	9,860	1,500	5,560	2,740	4,490	2,150	832	1,690	627
3	2,570	875	500	7,660	1,200	5,460	3,670	3,060	905	2,080	1,680	596
4	2,520	896	1,020	9,850	1,810	4,630	4,830	5,450	1,220	2,200	1,560	625
5	2,440	596	2,710	9,850	2,560	3,590	4,630	4,300	3,120	1,340	720	1,290
6	2,400	575	3,170	9,780	5,520	6,440	4,940	1,800	3,000	2,820	908	1,320
7	2,380	876	3,170	9,670	5,340	6,540	4,630	1,840	3,170	6,210	2,530	1,310
8	608	867	3,260	9,420	5,200	6,520	2,340	4,470	3,310	3,170	2,680	1,390
9	650	936	2,660	9,290	5,230	6,870	2,380	4,440	1,170	2,720	2,720	645
10	886	928	1,160	9,120	4,180	5,450	4,250	4,510	903	2,600	2,660	620
11	855	916	2,400	7,990	1,370	4,630	6,800	4,590	857	2,480	2,380	1,300
12	865	611	16,000	6,400	2,040	5,270	10,300	3,850	2,790	2,490	684	1,280
13	875	611	16,100	6,180	4,490	5,940	9,530	3,850	3,000	2,480	1,010	1,260
14	875	964	4,000	4,630	4,620	5,460	4,190	1,250	2,640	2,610	2,860	1,270
15	549	967	2,800	3,750	5,060	6,910	3,000	2,500	2,450	862	2,780	1,780
16	556	990	1,900	6,230	4,580	6,650	2,200	2,530	2,320	1,060	2,780	582
17	872	935	3,500	6,230	3,690	7,040	4,920	2,500	923	2,780	2,770	847
18	872	901	13,400	6,200	1,250	4,540	8,220	2,550	888	2,810	2,610	1,410
19	853	596	11,600	6,850	1,580	3,480	9,310	2,310	2,020	2,890	662	1,330
20	853	613	5,400	6,110	2,110	5,380	9,620	984	2,000	2,770	768	1,300
21	937	1,440	2,500	1,960	2,390	5,540	7,170	998	2,020	2,510	2,100	1,240
22	596	1,450	1,800	1,810	8,580	5,640	5,080	2,110	2,000	758	2,180	1,250
23	576	1,600	2,300	2,320	11,100	5,310	4,080	2,150	2,070	991	2,240	549
24	885	1,120	3,200	2,620	10,200	4,310	6,500	2,050	821	2,730	2,120	536
25	875	1,670	6,960	2,680	6,580	1,440	6,130	2,040	800	2,770	2,060	1,040
26	894	717	8,490	3,120	5,060	3,040	6,440	1,970	1,770	2,690	652	1,030
27	894	912	9,680	2,910	6,300	3,180	3,760	854	1,840	2,720	640	1,010
28	894	2,120	9,950	8,220	6,160	2,870	2,380	905	1,770	2,590	1,930	1,600
29	590	2,200	9,940	7,680	-----	2,850	1,480	2,180	1,840	832	1,930	1,090
30	590	2,160	9,780	2,800	-----	2,790	2,730	2,750	1,670	947	1,860	542
31	872	-----	9,690	2,100	-----	2,810	-----	2,560	-----	1,730	1,930	-----
TOTAL	32,316	31,768	173,220	192,970	121,400	151,800	151,180	84,691	59,657	68,242	57,824	31,969
MEAN	1,043	1,059	5,588	6,225	4,336	4,897	5,039	2,732	1,989	2,201	1,865	1,066
MAX	2,570	2,200	16,100	9,860	11,100	7,040	10,300	5,580	3,310	6,210	2,860	1,840
MIN	549	575	500	1,810	1,200	1,440	1,480	854	800	758	640	536

CAL YR 1961: TOTAL 1,157,996 MEAN 3,172 MAX 23,200 MIN 549 MEAN† 3,487 CFSM† 1 93 INT† 26 20
 CAL YR 1962: TOTAL 1,157,040 MEAN 3,172 MAX 18,100 MIN 536 MEAN† 3,198 CFSM† 1 77 INT† 24 03

† Adjusted for change in contents in Allatoona Reservoir

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	549	1,820	4,260	3,140	2,810	1,820	3,640	11,900	3,990	1,850	4,690	683
2	1,250	1,880	780	2,040	2,550	1,920	5,580	5,380	900	4,820	4,270	673
3	1,460	1,730	1,530	3,990	2,780	1,420	5,760	2,500	1,120	5,500	3,660	662
4	1,920	575	4,770	3,850	3,390	1,460	5,760	1,900	2,180	4,790	1,020	1,390
5	1,410	563	4,810	3,110	3,700	2,390	5,680	1,500	2,200	1,720	1,220	1,620
6	1,400	1,130	4,790	864	2,890	6,600	4,660	4,160	2,120	4,100	3,000	1,410
7	538	1,130	4,790	884	2,510	5,380	1,270	8,940	2,060	1,150	2,970	1,430
8	558	1,160	3,730	2,030	2,620	3,480	1,220	9,940	1,680	1,610	3,280	675
9	1,160	1,380	667	2,050	2,430	2,000	2,090	8,980	784	3,230	2,880	654
10	1,120	1,600	1,490	2,000	1,280	1,400	2,060	8,960	979	3,200	2,550	1,240
11	1,170	660	4,240	2,040	1,900	2,800	2,020	9,030	2,910	3,210	814	1,220
12	1,170	640	4,120	2,630	3,150	5,060	2,040	9,120	2,940	4,000	833	1,200
13	1,120	735	4,110	1,200	3,260	16,300	1,970	8,980	3,180	3,500	2,390	1,330
14	542	1,370	4,260	1,800	3,040	13,500	1,070	9,050	2,880	923	2,290	1,250
15	532	1,370	2,240	2,040	3,110	6,200	987	8,980	2,590	958	2,230	675
16	1,100	1,300	657	2,000	2,760	2,800	2,050	9,060	792	1,820	2,390	789
17	983	1,300	964	1,990	1,070	3,700	2,050	9,030	1,980	1,830	2,110	2,880
18	1,090	662	2,100	1,970	1,620	3,200	2,000	4,730	3,140	2,270	768	2,880
19	1,120	790	2,060	2,140	3,020	2,800	1,950	1,070	2,790	3,490	797	2,900
20	1,120	1,400	2,060	7,080	3,020	4,160	1,900	1,540	2,970	3,070	1,500	2,930
21	561	1,650	2,080	5,310	2,780	10,400	911	1,540	3,420	986	1,530	7,720
22	549	3,180	1,800	4,650	2,860	10,600	891	4,070	4,410	1,080	1,430	646
23	1,450	2,030	697	6,770	2,260	10,500	1,390	4,100	2,810	2,120	1,470	710
24	1,420	1,720	1,020	6,800	1,150	9,860	1,350	4,050	2,310	2,480	1,430	3,160
25	1,430	734	2,590	6,000	1,340	9,960	1,350	3,480	3,010	3,640	684	3,160
26	1,500	1,650	2,430	2,200	1,800	9,940	1,390	952	5,780	4,240	702	3,130
27	1,380	5,210	4,790	1,500	1,770	10,000	1,390	1,340	5,790	2,980	1,700	3,160
28	542	5,290	3,410	2,000	1,760	9,850	884	2,290	5,830	1,450	1,460	3,730
29	644	5,260	2,870	2,300	-----	6,400	2,800	2,060	4,860	3,600	1,340	4,360
30	1,900	5,260	1,480	2,580	-----	4,140	16,700	2,890	1,710	3,970	1,270	1,660
31	1,880	-----	2,100	2,790	-----	3,490	-----	5,160	-----	4,080	1,270	-----
TOTAL	34,568	55,179	83,695	91,748	68,630	183,260	84,813	165,662	83,875	87,667	59,668	54,917
MEAN	1,115	1,839	2,700	2,960	2,451	5,912	2,827	5,344	2,796	2,828	1,925	1,831
MAX	1,920	5,290	4,810	7,080	3,700	16,300	16,700	11,900	5,830	5,500	4,690	4,360
MIN	532	563	657	864	1,070	1,400	884	952	784	923	684	646

CAL YR 1962: TOTAL 1,093,175 MEAN 2,995 MAX 11,100 MIN 532 MEAN† 2,732 CFSM† 1 51 INT† 20 50
 CAL YR 1963: TOTAL 1,053,682 MEAN 2,887 MAX 16,700 MIN 532 MEAN† 2,970 CFSM† 1 64 INT† 22 26

† Adjusted for change in contents in Allatoona Reservoir

2-3960 Etowah River at Rome, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,420	2,570	1,720	2,770	7,330	1,660	7,080	11,500	1,490	3,380	3,220	2,920
2	3,770	2,390	1,800	1,970	6,830	2,560	10,500	11,900	4,750	3,730	898	3,590
3	3,880	675	3,620	2,710	6,080	8,060	10,700	19,300	4,670	3,170	907	2,090
4	3,820	845	3,710	2,660	7,030	6,580	11,000	11,700	4,570	1,050	1,810	2,100
5	3,240	2,330	3,680	1,800	6,780	6,150	10,600	6,410	4,540	946	2,670	1,870
6	711	2,310	3,630	2,420	7,390	6,380	13,300	7,500	4,690	976	2,100	600
7	1,150	2,390	2,700	3,870	7,560	5,320	18,100	8,780	1,420	2,410	1,870	600
8	3,880	2,370	690	3,780	5,560	3,650	23,500	10,500	1,490	2,440	1,730	640
9	3,910	2,100	1,080	4,990	1,720	4,040	18,700	11,100	3,860	2,640	798	1,780
10	3,910	662	2,680	5,970	3,330	7,330	17,600	11,000	3,850	2,630	988	1,740
11	3,910	801	2,940	3,940	6,150	6,870	15,800	10,600	3,830	3,620	2,790	1,730
12	3,370	2,310	4,280	2,090	6,040	6,630	14,100	11,000	3,820	1,520	2,810	1,610
13	710	2,270	4,230	2,790	6,100	6,490	14,700	11,100	3,800	1,420	2,810	600
14	1,150	2,270	3,260	4,640	6,360	5,700	15,900	10,900	1,180	2,610	2,680	722
15	2,930	2,460	2,870	4,990	6,450	14,200	14,000	10,800	1,090	2,520	2,540	2,400
16	2,900	1,900	2,230	4,420	5,570	14,400	12,700	10,600	3,020	2,820	871	2,390
17	2,570	655	5,510	4,480	4,440	7,880	11,900	10,500	3,010	2,610	1,090	2,390
18	2,080	966	5,600	3,530	8,150	5,430	11,500	10,300	3,010	2,360	2,070	2,390
19	1,880	2,400	5,620	1,220	9,090	4,560	11,000	10,400	2,980	940	1,990	2,220
20	696	2,380	5,720	2,050	7,330	2,830	10,400	10,400	2,830	1,150	1,960	620
21	684	2,350	4,400	4,190	7,000	2,600	10,900	10,200	938	2,490	1,940	660
22	2,000	2,380	910	4,120	6,350	2,700	10,500	10,400	1,180	2,640	1,880	2,230
23	2,000	2,100	1,900	4,090	2,190	6,140	10,600	7,630	3,210	3,270	809	2,270
24	2,060	696	4,620	5,240	2,010	9,390	10,700	6,210	3,270	3,280	1,490	2,280
25	2,040	920	3,550	16,300	2,650	12,300	11,400	4,100	3,370	2,840	2,540	2,260
26	1,960	3,020	2,000	10,000	2,980	27,300	11,900	7,120	3,260	869	2,510	2,200
27	655	3,090	4,430	3,750	2,860	18,700	12,200	7,100	2,990	1,280	2,680	600
28	719	2,580	3,460	3,720	2,720	7,660	13,000	7,000	1,010	3,490	2,650	660
29	2,440	1,240	842	3,600	2,530	4,830	12,900	6,990	1,180	3,510	2,080	2,200
30	2,440	3,250	925	5,200	-----	4,120	11,800	5,650	3,250	3,530	647	2,380
31	2,420	-----	2,310	5,870	-----	4,330	-----	1,360	-----	3,610	1,570	-----
TOTAL	72,305	58,680	96,917	132,670	156,780	226,770	388,980	290,050	87,558	75,751	59,398	52,742
MEAN	2,332	1,956	3,126	4,280	5,408	7,315	12,970	9,356	2,919	2,444	1,916	1,758
MAX	3,910	3,910	5,720	16,300	9,090	27,300	23,500	19,300	4,750	3,730	3,280	3,590
MIN	655	655	690	1,220	1,720	1,660	7,080	1,360	938	869	647	600

CAL YR 1963: TOTAL 1,108,142 MEAN 3,036 MAX 16,700 MIN 646 MEAN† 3,007 CFSM† 1.66 INT† 22.53
 MAY YR 1964: TOTAL 1,698,601 MEAN 4,641 MAX 27,300 MIN 600 MEAN† 4,613 CFSM† 2.55 INT† 34.71

† Adjusted for change in contents in Allatoona Reservoir

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,800	799	4,970	4,660	2,000	1,600	5,020	4,500	2,860	1,650	656	1,750
2	2,200	1,080	5,010	2,350	4,820	2,910	5,160	1,280	2,870	1,600	694	1,640
3	1,500	2,340	5,050	1,210	4,930	3,750	6,890	1,620	2,900	1,550	1,670	1,990
4	1,300	2,340	5,310	2,160	4,830	5,530	6,510	4,020	2,960	986	1,680	2,110
5	4,500	2,330	4,950	4,340	4,760	6,070	6,910	3,980	2,890	991	1,650	816
6	6,200	2,320	1,580	4,320	3,860	4,630	8,680	3,940	987	1,060	1,710	681
7	6,300	1,990	2,500	4,300	2,870	2,020	8,050	3,940	1,240	2,530	1,660	802
8	6,300	666	5,510	4,300	4,490	2,210	7,400	3,550	3,180	2,550	792	2,860
9	6,000	1,270	5,510	3,320	5,080	3,210	7,160	1,070	2,960	2,560	1,130	2,860
10	5,000	2,790	5,540	1,040	5,910	3,510	5,580	1,160	4,200	2,400	1,860	2,900
11	2,200	2,790	5,600	1,390	6,000	3,440	1,930	2,790	4,370	1,190	1,750	2,740
12	4,000	2,800	4,420	2,350	6,660	3,650	3,620	2,790	4,670	1,560	1,690	766
13	6,000	2,790	1,940	2,320	6,350	3,710	7,340	2,790	1,370	3,300	1,680	989
14	6,300	2,130	1,950	2,310	2,860	1,990	5,990	2,750	1,320	3,180	1,570	2,570
15	7,000	533	3,600	2,290	3,440	1,710	5,340	2,610	2,690	3,190	662	2,590
16	9,000	1,180	3,540	2,100	4,630	1,900	5,190	942	3,150	3,240	1,420	2,590
17	5,000	2,870	3,350	997	6,510	1,860	4,280	1,010	3,860	2,880	3,090	2,590
18	1,400	2,880	3,570	1,180	6,660	1,920	1,700	2,820	5,690	881	3,020	2,510
19	3,000	2,890	3,000	2,370	6,440	1,950	2,560	2,820	4,600	907	2,990	686
20	4,290	2,900	1,070	2,400	5,160	1,830	4,740	2,840	967	1,830	2,990	674
21	4,210	2,240	2,430	2,390	1,370	1,320	4,620	2,990	1,330	1,820	2,580	2,410
22	4,210	1,723	5,510	2,390	1,930	1,290	4,060	2,990	1,330	1,820	2,580	2,410
23	4,170	1,450	5,470	2,200	3,350	1,800	4,450	2,430	3,880	1,800	671	2,400
24	2,970	3,510	4,430	3,180	3,350	4,080	3,610	1,410	3,970	1,690	1,740	2,440
25	836	4,250	1,940	2,530	4,290	7,160	1,380	2,700	4,040	707	1,730	2,410
26	1,920	3,580	1,940	2,000	4,190	5,240	1,720	3,370	3,900	1,290	1,730	649
27	4,540	2,170	2,170	2,440	2,500	2,770	1,100	3,520	1,800	1,880	1,660	634
28	5,530	2,920	2,880	3,680	1,440	3,970	5,320	3,490	948	2,870	1,660	2,460
29	5,630	992	4,990	3,640	-----	4,490	5,850	3,270	1,600	2,860	657	2,450
30	5,650	2,080	6,050	2,890	-----	7,510	5,810	906	1,610	2,890	638	2,480
31	4,330	-----	5,950	1,120	-----	5,920	-----	968	-----	2,620	1,620	-----
TOTAL	134,306	65,603	121,040	80,167	123,200	107,960	150,550	82,496	85,982	63,232	49,700	57,857
MEAN	4,332	2,187	3,905	2,586	4,400	3,483	5,018	2,661	2,866	2,040	1,603	1,929
MAX	9,000	4,250	6,050	4,660	6,660	7,510	8,680	4,500	5,690	3,300	3,090	2,900
MIN	836	533	1,070	997	1,370	1,290	1,380	906	948	707	638	634

CAL YR 1964: TOTAL 1,791,648 MEAN 4,895 MAX 27,300 MIN 533 MEAN† 4,917 CFSM† 2.72 INT† 37.02
 MAY YR 1965: TOTAL 1,122,093 MEAN 3,074 MAX 9,000 MIN 533 MEAN† 3,016 CFSM† 1.67 INT† 22.67

† Adjusted for change in contents in Allatoona Reservoir

2-3970 Coosa River near Rome, Ga

Location --Lat 34°12', long 85°16', on left bank attached to shoreward side of lock wall of Mayo Bar Lock near upstream end, 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

Records available --October 1896 to December 1903 (published as "at Rome"), June 1928 to December 1931, March 1937 to December 1958 Annual maximums, water years 1961-62 October 1962 to September 1965 Monthly discharge only for some periods, published in WSP 1304 Gage-height records collected at same site 1922-49 are contained in reports of U S Weather Bureau

Gage --Digital water-stage recorder Datum of gage is 553.05 ft above mean sea level (levels by Corps of Engineers) Jan 1, 1897, to Dec 31, 1903, staff gage at site 7½ miles upstream at datum 8.65 ft higher June 21, 1928, to Dec 31, 1931, and Mar 10, 1937, to Dec 31, 1958, water-stage recorder at site 200 ft downstream at same datum Jan 1, 1959, to Sept 30, 1962, crest-stage gage at site 200 ft downstream at same datum Water-stage recorder at Fifth Avenue in Rome used as auxiliary gage at this station since 1963

Average discharge --34 years (1896-1903, 1928-31, 1937-58, 1962-65), 6,599 cfs (unadjusted)

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following Table

Water year	Maximum			Minimum daily		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 26, 1961	39,000	30.22	-	-	-
1962	Dec 19, 1961	37,000	29.45	-	-	-
1963	May 1, 1963	34,800	28.33	Nov 5, 1962	1,250	-
1964	Mar 27, 1964	49,500	31.98	Sept 28, 1964	1,220	-
1965	Mar 31, 1965	30,300	25.02	Sept 20, 1965	1,390	-

1896-1903, 1928-31, 1937-65 Maximum discharge, 65,000 cfs Jan 22, 1947 (gage height, 37.0 ft)

1896-1903, 1928-31, 1937-58, 1962-65 Minimum daily discharge, 870 cfs Oct 18-22, 1931 Maximum stage known since at least 1834, 40.3 ft at site and datum at Rome (equivalent to stage of about 43 ft at present site, from gage-height relation), Apr 1, 1886, discharge, 100,000 cfs, from rating curve extended above 63,000 cfs on basis of peak flow at station at Gadsden, Ala)

Revisions --The maximum discharge for the water year 1959 has been revised to 18,600 cfs Apr 21, 1959 (gage height, 16.10 ft), superseding figure published in WSP 1724

Remarks --Records good Flow regulated by Allatoona Reservoir (see p 630, 632)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,330	2,570	6,980	7,850	8,700	4,300	6,460	34,300	7,930	7,640	10,400	1,730
2	1,810	2,580	2,670	4,590	8,550	5,320	8,870	31,500	3,440	10,200	9,200	1,620
3	3,230	2,550	2,840	6,760	11,500	5,620	8,820	28,800	3,140	9,750	6,870	1,570
4	9,400	1,320	6,610	6,460	13,200	5,080	8,730	27,400	4,090	8,730	3,260	2,290
5	10,000	1,250	6,690	5,770	12,800	6,800	8,620	25,600	3,990	4,230	2,920	2,560
6	6,350	1,790	6,740	2,950	11,100	23,700	8,190	19,100	3,910	7,190	4,480	2,650
7	2,920	1,840	6,850	2,810	8,800	27,200	4,360	13,800	3,830	4,010	4,390	2,600
8	2,120	1,940	6,400	3,740	7,540	25,300	5,110	12,400	3,750	5,320	4,240	1,770
9	2,550	2,720	2,430	3,700	6,630	23,600	6,330	11,900	2,630	6,370	4,140	1,660
10	2,640	5,340	2,620	3,620	4,760	23,200	5,460	11,700	2,640	5,980	4,010	2,140
11	2,380	6,840	5,750	3,990	4,710	23,300	4,950	11,600	4,570	5,330	2,160	2,120
12	2,200	5,860	5,780	8,550	6,340	25,200	4,670	11,700	4,540	5,980	2,070	2,070
13	2,120	4,260	5,580	10,300	6,410	31,700	4,440	11,700	4,450	5,700	3,360	2,170
14	1,540	4,220	5,400	9,330	6,190	33,200	3,510	11,800	4,370	2,840	3,530	2,200
15	1,450	3,620	5,300	7,830	5,890	29,800	3,270	12,000	4,270	2,820	3,450	1,830
16	1,920	3,230	2,210	6,020	5,320	25,900	4,140	12,100	2,420	4,180	3,410	1,970
17	1,970	3,060	2,350	5,150	3,480	25,800	4,100	11,600	3,630	4,720	3,360	3,630
18	1,930	2,990	3,350	4,950	3,620	25,300	4,040	8,850	5,820	5,300	1,990	3,610
19	1,920	6,520	3,380	7,680	5,870	22,100	3,980	3,820	5,420	6,640	1,930	3,570
20	1,890	8,440	3,340	18,100	7,550	16,300	3,960	3,700	5,410	6,050	2,550	3,550
21	1,350	7,970	3,320	19,000	8,130	19,800	3,050	6,670	7,970	3,860	2,720	3,500
22	1,320	9,020	3,320	17,800	7,040	18,300	2,990	6,520	10,600	4,720	2,550	1,520
23	2,200	8,410	2,190	18,000	5,750	16,000	3,350	6,410	8,210	6,440	2,570	1,420
24	2,460	7,610	2,510	13,000	3,970	14,300	3,280	6,200	7,810	5,430	2,520	3,640
25	2,290	5,210	4,630	10,600	3,910	13,300	3,200	5,940	7,130	7,130	1,790	3,710
26	2,200	4,380	4,680	9,150	4,440	13,400	3,160	3,050	8,890	8,270	1,740	3,690
27	2,210	7,920	7,720	5,440	4,240	13,700	3,160	4,780	9,620	7,120	2,550	3,700
28	1,320	7,760	6,590	5,200	4,090	13,400	3,100	7,060	10,000	4,260	2,470	5,860
29	1,300	7,630	6,590	6,090	-----	10,800	10,900	8,270	9,720	6,060	2,300	8,890
30	2,520	7,560	6,330	5,880	-----	7,960	31,700	8,370	6,300	8,500	2,260	6,240
31	2,580	-----	7,050	7,270	-----	6,980	-----	9,270	-----	10,100	2,250	-----
TOTAL	83,420	144,410	148,200	247,580	190,530	556,660	179,900	387,910	170,500	190,870	107,440	89,480
MEAN	2,691	4,480	4,781	7,986	6,005	17,960	5,997	12,510	5,683	6,157	3,466	2,983
MAX	10,000	9,020	7,720	19,000	13,200	33,200	31,700	30,600	10,600	10,200	10,400	8,890
MIN	1,300	1,250	2,190	2,810	3,480	4,300	2,990	3,050	2,420	2,820	1,740	1,420

CAL YR 1962: TOTAL 2,496,900 MEAN 6,846 MAX 34,300 MIN 1,250 MEAN 6,929 CFSM 1.72 IN INT 23 35

† Adjusted for change in contents in Allatoona Reservoir

2-3970 Coosa River near Rome, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,470	3,180	7,110	4,900	12,900	5,800	29,600	22,500	3,650	4,530	4,950	4,630
2	5,180	3,260	4,830	6,120	11,400	7,330	26,200	23,300	6,770	4,810	2,380	4,800
3	4,920	1,540	5,590	7,440	9,600	18,800	20,300	33,100	6,820	4,560	2,150	3,070
4	4,780	1,580	5,280	6,880	10,300	21,400	18,800	35,000	6,560	2,480	2,990	2,970
5	4,610	3,180	5,090	6,820	9,970	22,600	18,100	30,400	6,520	2,490	4,110	2,940
6	1,630	3,180	4,940	7,790	11,400	22,700	24,400	28,600	6,790	2,340	4,400	1,480
7	1,560	3,240	4,490	9,710	12,800	20,100	31,900	29,400	3,660	3,500	3,790	1,420
8	4,680	3,280	1,970	9,430	11,900	15,400	38,700	28,800	3,470	3,720	3,230	1,420
9	4,780	3,200	2,070	12,500	6,550	12,000	40,400	24,000	5,750	4,080	2,090	2,470
10	4,760	1,420	3,940	15,900	6,080	13,600	37,600	18,500	5,610	4,390	1,940	2,530
11	4,780	1,340	4,900	14,800	9,460	12,700	35,700	16,300	5,470	5,490	3,820	2,490
12	4,710	2,900	9,950	11,300	9,270	12,000	33,900	15,800	5,450	3,850	3,870	2,530
13	1,470	2,940	12,700	8,750	9,260	11,200	34,500	15,800	5,650	3,650	4,190	1,460
14	1,460	2,940	11,800	9,630	10,500	12,700	35,400	15,600	2,960	4,630	4,060	1,440
15	3,520	3,010	9,090	8,800	11,600	28,300	32,800	14,500	2,890	4,410	3,860	3,070
16	3,590	2,780	6,370	7,930	14,500	34,900	30,400	14,300	4,510	4,250	2,210	3,090
17	3,500	1,310	8,570	7,520	14,300	33,600	27,600	14,000	4,450	4,160	3,090	3,090
18	2,760	1,310	8,290	6,900	19,000	31,500	23,500	13,400	4,370	4,060	6,000	3,040
19	2,730	2,940	7,910	4,080	23,800	31,400	20,700	13,400	4,320	2,510	5,030	3,070
20	1,370	2,990	7,690	4,430	23,000	31,400	18,100	13,200	4,240	2,370	3,990	1,390
21	1,330	3,010	6,960	7,680	20,400	30,100	17,200	13,200	2,420	4,200	3,520	1,340
22	2,670	3,010	2,750	8,010	16,100	26,400	15,400	13,200	2,330	4,580	3,330	2,850
23	2,690	3,010	3,200	7,490	8,140	21,300	15,600	10,900	4,350	4,770	2,180	2,900
24	2,710	1,360	6,960	9,300	6,670	16,200	15,600	9,200	4,410	4,590	2,230	2,870
25	2,710	1,390	7,070	26,900	7,340	21,600	17,600	6,370	4,580	4,600	3,790	2,840
26	2,710	3,610	4,080	29,800	8,190	41,000	19,500	9,520	4,540	2,640	3,710	2,800
27	1,320	2,700	6,730	27,000	7,920	47,900	21,400	9,470	4,500	2,650	3,610	1,270
28	1,270	3,650	6,220	24,200	7,280	37,900	22,900	9,480	2,550	4,780	3,550	1,220
29	3,010	3,520	3,160	22,900	6,910	39,500	24,200	9,400	2,380	4,640	3,520	2,710
30	3,050	6,300	2,990	23,400	-----	32,300	27,700	8,720	4,310	4,660	1,780	3,130
31	3,050	-----	4,140	17,700	-----	30,700	-----	3,840	-----	4,840	1,860	-----
TOTAL	97,780	86,100	186,820	376,010	336,740	738,330	771,800	523,130	136,280	123,230	105,230	76,330
MEAN	3,154	2,777	6,026	12,130	11,610	23,820	25,770	16,680	4,520	3,975	3,395	2,454
MAX	5,800	6,300	12,700	29,800	23,800	47,900	40,400	35,000	6,720	5,490	6,000	4,800
MIN	1,270	1,310	1,970	4,080	6,080	5,800	15,400	3,840	2,330	2,340	1,780	1,220

CAL YR 1963: TOTAL 2,491,570 MEAN 6,826 MAX 34,300 MIN 1,220 MEAN† 6,797 CFSM† 1.68 INT† 22.80
 NAT YR 1964: TOTAL 3,557,780 MEAN 9,721 MAX 47,900 MIN 1,270 MEAN† 9,693 CFSM† 2.40 INT† 32.67

† Adjusted for change in contents in Allatoona Reservoir

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,370	2,240	6,920	8,040	4,330	5,680	29,600	8,410	4,130	3,010	2,010	2,590
2	2,430	2,140	6,800	5,190	8,050	8,110	28,800	4,410	4,100	2,930	1,790	2,460
3	3,630	3,500	6,720	4,430	8,640	10,600	27,900	4,170	4,110	3,000	2,660	2,690
4	3,500	3,510	8,540	4,920	8,380	14,000	22,000	6,390	4,190	2,540	2,610	2,960
5	10,100	3,470	11,200	7,260	7,760	16,500	18,000	6,290	4,540	2,790	2,570	1,720
6	14,500	3,440	7,870	6,960	7,200	15,200	20,100	6,130	3,050	2,920	2,690	1,480
7	17,000	3,350	6,250	6,750	8,190	11,100	17,700	6,030	3,200	4,110	2,860	1,430
8	14,100	1,930	8,560	6,590	12,500	9,150	14,600	5,840	6,400	3,770	2,610	3,430
9	8,770	2,060	8,110	6,090	13,500	9,090	13,700	3,290	6,750	3,680	3,260	3,430
10	7,760	3,860	7,850	3,850	13,300	8,720	11,900	3,160	6,920	3,610	3,800	3,430
11	5,840	3,880	7,720	6,190	13,600	8,120	7,200	4,600	6,270	2,500	3,260	3,390
12	2,990	3,850	8,850	8,780	18,200	8,520	8,610	4,660	6,660	2,740	2,840	1,780
13	7,350	3,830	7,730	8,200	21,600	10,100	12,600	4,640	3,710	4,460	2,690	2,880
14	7,430	3,590	8,310	6,510	17,000	8,190	10,900	4,570	3,820	4,270	2,590	4,730
15	7,550	1,820	8,890	5,540	14,900	6,800	9,850	4,430	5,270	4,410	1,610	3,950
16	10,100	1,940	7,500	5,210	17,000	6,450	9,600	2,830	5,690	4,580	1,880	3,430
17	11,600	3,810	6,810	3,840	13,400	6,010	9,630	2,720	5,880	4,440	3,840	3,240
18	5,960	3,860	6,710	3,630	12,000	6,430	6,250	4,300	7,690	2,210	1,780	3,130
19	4,520	3,920	6,610	4,800	11,400	7,490	6,440	4,350	7,010	2,050	3,750	1,450
20	6,240	4,060	4,640	4,730	10,200	7,100	9,070	4,370	2,850	2,910	3,740	1,390
21	5,930	4,090	5,980	4,630	5,560	5,630	9,100	4,490	2,580	2,810	3,720	2,860
22	5,760	2,580	10,600	4,570	5,470	5,060	8,500	6,040	5,070	2,740	1,700	2,880
23	5,640	2,660	10,100	4,780	7,050	5,340	8,060	5,900	5,030	2,730	1,580	2,820
24	5,060	4,810	8,850	6,410	7,020	10,900	7,490	4,120	4,990	2,690	2,450	2,920
25	2,420	7,420	5,940	7,530	9,640	23,100	4,760	4,640	5,330	1,760	2,880	3,130
26	2,710	10,300	5,970	6,140	11,300	25,100	5,390	5,240	5,680	2,420	2,820	1,750
27	5,640	8,130	6,870	5,430	9,840	28,200	8,780	5,080	3,490	4,190	3,210	1,580
28	6,800	7,860	7,380	6,530	6,360	27,800	10,600	4,970	2,720	4,840	2,520	3,030
29	6,840	4,090	9,110	6,230	-----	26,600	10,800	4,860	3,020	4,680	1,980	2,940
30	6,900	3,920	9,450	5,860	-----	29,300	9,620	2,540	3,010	4,410	1,800	2,920
31	6,450	-----	8,890	3,890	-----	30,100	-----	2,380	-----	4,060	2,570	-----
TOTAL	217,690	119,920	241,670	179,510	303,390	400,490	377,750	145,850	143,160	104,260	84,670	81,820
MEAN	7,022	3,997	7,796	5,751	10,840	12,920	12,190	4,705	4,772	3,363	2,731	2,777
MAX	17,000	10,300	11,200	8,780	21,600	30,100	29,600	8,410	7,690	4,840	3,840	4,730
MIN	2,420	1,820	4,640	3,630	4,330	5,060	4,760	2,380	2,580	1,760	1,580	1,390

CAL YR 1964: TOTAL 3,766,360 MEAN 10,290 MAX 47,900 MIN 1,220 MEAN† 10,312 CFSM† 2.55 INT† 34.71
 NAT YR 1965: TOTAL 2,400,180 MEAN 6,576 MAX 30,100 MIN 1,390 MEAN† 6,517 CFSM† 1.61 INT† 21.86

† Adjusted for change in contents in Allatoona Reservoir

2-3975 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

Records available --October 1942 to September 1965

Gage --Digital water-stage recorder Datum of gage is 724 72 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department) Prior to Mar 11, 1965, graphic water-stage recorder at same site and datum

Average discharge --23 years, 156 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	1600	* 8,400	16 2	July 7, 1962	0200	* 8,300	16 1	Mar 15, 1964	1900	4,600	11 0
Feb 23, 1961	1200	3,010	9 1					Mar 26, 1964	1300	* 5,360	11 4
Feb 25, 1961	1700	5,650	13 0	Jan 20, 1963	0300	2,450	7 3	Apr 6, 1964	2000	5,050	7 9
				Mar 6, 1963	0800	2,400	7 2	May 3, 1964	0200	2,800	7 4
Dec 12, 1961	2000	5,730	13 1	Mar 13, 1963	0300	* 6,840	14 2				
Dec 18, 1961	1400	3,550	10 0	Apr 30, 1963	0700	3,900	10 0	June 8, 1965	0200	* 2,560	6 92
Feb 22, 1962	1500	4,200	11 0								
Apr 12, 1962	1700	2,350	7 7	Jan 25, 1964	1300	3,300	9 0				

Annual minimum daily discharge, water years 1961-65

Water year	Date	Discharge	Water year	Date	Discharge
1961	Nov 8, 1960	43	1964	Oct 13, 1963	39
1962	Nov 19, 1961	37	1965	Sept 26-29, 1965	39
1963	Oct 15, 26, 1962	43			

1942-65 Maximum discharge, 8,820 cfs Nov 28, 1948 (gage height, 16 4 ft), minimum daily, 26 cfs Oct 20, Nov 13, 14, 1954

Maximum stage known since at least 1886, 16 4 ft Nov 28, 1948, from information by local residents

Remarks --Records good Diurnal fluctuation and moderate regulation at low flow caused by powerplants upstream

Revisions (water years) --WSP 1704 1943-44(M), 1946-47(M), 1949, 1951, 1952(M), 1954(M), 1957

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	46	53	47	98	58	421	462	144	78	190	70	73
2	47	48	46	84	58	334	298	166	76	168	70	65
3	44	47	44	72	60	274	255	136	75	157	68	93
4	44	44	44	68	58	240	240	122	73	166	67	64
5	58	44	46	65	58	218	198	114	76	142	65	60
6	121	44	46	62	58	220	173	110	90	130	68	59
7	89	46	46	61	68	846	155	106	80	124	80	62
8	72	43	46	60	103	1,250	144	100	76	124	72	57
9	89	44	46	58	92	705	188	120	76	114	70	56
10	76	52	46	57	84	462	228	110	75	106	68	54
11	68	49	71	55	76	355	166	144	70	104	70	54
12	62	47	77	54	72	295	1,050	132	70	106	65	54
13	57	46	60	57	70	295	735	112	72	181	64	54
14	55	46	55	58	68	295	442	104	78	232	62	57
15	55	44	54	60	67	232	340	97	116	136	62	57
16	55	46	53	60	64	205	316	91	114	122	62	54
17	54	46	49	57	65	178	240	88	88	126	60	53
18	52	44	49	52	97	225	202	88	80	124	59	53
19	52	44	48	60	252	230	183	90	75	124	57	53
20	62	44	48	80	466	195	166	84	76	108	57	54
21	57	44	76	70	5,250	188	153	78	975	100	57	53
22	53	44	70	64	2,580	183	142	106	477	95	59	51
23	52	54	60	61	2,420	159	136	151	310	90	60	50
24	49	52	57	60	940	146	132	104	744	86	62	50
25	48	48	57	57	4,290	136	124	124	334	84	60	50
26	47	47	55	60	1,560	130	132	136	604	81	59	48
27	47	44	54	62	750	126	395	106	720	78	59	48
28	47	47	53	60	568	126	274	95	394	76	57	50
29	47	48	53	58	-----	124	180	88	280	75	56	47
30	46	48	55	58	-----	122	153	84	222	73	54	47
31	53	-----	58	58	-----	609	-----	80	-----	72	65	-----
TOTAL	1,804	1,399	1,669	1,944	20,352	9,524	8,002	3,410	6,674	3,694	1,964	1,680
MEAN	58.2	46.6	53.8	62.8	727	307	267	110	222	119	63.4	56.0
MAX	121	54	77	98	5,250	1,250	1,050	166	975	232	80	93
MIN	44	43	44	52	58	122	124	78	70	72	54	47
CFSM	.53	.43	.49	.58	6.67	2.82	2.45	1.01	2.04	1.09	.58	.51
IN.	.62	.48	.57	.66	6.94	3.25	2.73	1.16	2.28	1.26	.67	.57

CAL YR 1960: TOTAL 39,178

MEAN 197

MAX 1,200

MIN 28

CFSM .98

IN 13.37

WAT YR 1961: TOTAL 62,118

MEAN 170

MAX 5,250

MIN 43

CFSM 1.56

IN 21.19

2-3975 Cedar Creek near Cedartown, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	47	44	43	198	283	301	376	151	70	70	75	53
2	48	46	41	188	242	262	252	140	72	64	72	50
3	98	46	43	168	215	242	218	132	72	64	67	48
4	73	47	43	157	198	225	195	124	68	110	67	51
5	56	44	46	153	188	210	185	118	86	114	65	48
6	50	43	54	498	178	192	240	116	72	1,760	64	47
7	48	41	57	400	159	183	268	112	76	4,320	67	47
8	47	40	50	301	155	178	220	110	456	602	78	50
9	48	40	48	240	157	210	152	106	108	325	65	54
10	47	40	382	212	144	280	173	118	88	232	62	50
11	48	40	297	188	134	735	597	106	81	185	60	51
12	46	40	4,250	171	128	480	1,680	99	195	166	60	48
13	47	40	2,200	159	124	334	960	95	151	155	67	46
14	46	43	602	155	120	274	550	90	108	138	80	85
15	44	44	424	190	118	248	412	88	90	128	75	60
16	46	56	403	190	180	222	313	83	83	122	68	67
17	47	51	1,000	166	162	200	265	91	78	112	59	81
18	47	41	2,950	155	146	188	240	84	106	73	67	62
19	46	37	1,020	470	202	183	220	81	68	100	56	59
20	44	40	532	415	178	178	202	78	72	99	54	47
21	44	40	370	310	307	258	183	75	72	93	54	56
22	44	40	292	262	3,080	208	173	75	65	88	54	54
23	46	85	250	400	1,690	183	166	75	62	84	54	54
24	46	82	215	406	1,600	168	157	73	70	84	53	54
25	46	54	188	340	801	220	171	72	68	84	51	54
26	43	48	168	298	568	340	188	68	62	86	51	54
27	43	47	171	498	439	250	166	68	64	81	50	54
28	44	47	271	990	364	212	151	70	157	83	48	53
29	44	46	205	638	-----	195	185	67	120	86	47	51
30	46	44	173	445	-----	178	178	84	81	78	47	51
31	44	-----	166	343	-----	376	-----	76	-----	84	47	-----
TOTAL	1,513	1,396	16,954	9,704	12,260	7,913	9,476	2,925	2,988	9,903	1,874	1,649
MEAN	48.8	46.5	547	313	438	255	316	94.4	99.6	319	60.5	55.0
MAX	98	85	4,250	990	3,080	735	1,680	151	456	4,320	80	85
MIN	43	37	41	153	118	168	151	67	62	64	47	46
CFSM	.45	.43	5.02	2.87	4.02	2.34	2.90	.87	.91	2.93	.55	.50
IN.	.52	.48	5.78	3.31	4.18	2.70	3.23	1.00	1.02	3.38	.64	.56

CAL YR 1961: TOTAL 77,109
WAT YR 1962: TOTAL 78,555MEAN 211
MEAN 215MAX 4,320
MAX 4,320MIN 37
MIN 37CFSM 1.94
IN 26.80

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	54	52	76	136	235	199	128	760	82	156	93	52
2	56	50	73	122	248	284	124	448	80	142	87	50
3	62	50	71	114	1,030	210	122	299	76	145	80	50
4	59	50	71	102	576	185	114	235	78	136	76	50
5	54	48	71	96	432	272	112	198	75	120	73	53
6	52	50	71	93	342	1,620	122	178	76	118	71	50
7	57	48	67	89	284	608	126	156	75	168	69	50
8	64	65	67	85	242	413	114	140	73	172	67	53
9	54	142	66	82	212	320	108	130	85	165	66	53
10	57	94	64	78	198	266	104	124	73	132	66	50
11	54	71	64	106	185	242	100	118	71	112	64	50
12	47	80	62	448	190	1,930	98	112	76	100	62	57
13	50	91	60	260	172	2,770	94	108	69	94	64	54
14	57	71	59	200	160	878	91	114	67	90	88	52
15	43	66	59	168	149	560	89	110	66	110	67	53
16	64	64	60	149	138	432	87	106	80	100	66	53
17	60	64	59	138	134	378	85	102	145	100	78	52
18	52	98	58	195	130	311	84	108	93	110	76	48
19	52	93	58	580	258	269	92	98	82	130	64	47
20	52	89	56	1,850	235	278	80	93	114	102	59	47
21	53	199	58	827	198	218	80	93	160	215	66	47
22	54	195	80	496	168	190	78	89	205	120	60	46
23	52	120	75	387	156	178	76	84	218	102	68	46
24	48	102	69	281	156	165	71	80	160	112	54	44
25	48	94	330	222	151	156	75	78	130	134	54	44
26	43	87	225	212	145	232	75	104	368	108	53	44
27	57	84	153	220	185	195	112	140	366	96	123	46
28	50	80	130	178	132	160	111	116	232	93	60	179
29	48	80	180	158	-----	149	896	112	202	89	56	146
30	50	78	188	212	-----	140	2,900	93	170	98	53	64
31	53	-----	156	266	-----	134	-----	87	-----	114	53	-----
TOTAL	1,649	2,555	2,936	8,550	6,790	14,332	6,507	4,785	3,827	3,843	2,126	1,725
MEAN	53.2	85.2	94.7	276	243	462	217	154	128	124	68.6	57.5
MAX	64	199	330	1,850	1,030	2,770	2,900	760	368	215	123	179
MIN	43	48	56	78	130	134	71	78	66	89	53	44
CFSM	.49	.78	.87	2.53	2.22	4.24	1.99	1.42	1.17	1.14	.63	.52
IN.	.56	.87	1.00	2.92	2.32	4.89	2.22	1.63	1.31	1.31	.73	.59

CAL YR 1962: TOTAL 65,832
WAT YR 1963: TOTAL 59,625MEAN 180
MEAN 163MAX 4,320
MAX 2,900MIN 43
MIN 43CFSM 1.65
IN 22.46

2-3975 Cedar Creek near Cedartown, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	53	50	58	75	242	160	298	288	109	106	102	54
2	48	50	54	75	192	596	270	791	107	99	80	52
3	47	46	54	82	165	1,010	245	2,150	99	79	74	52
4	46	46	50	153	151	528	242	900	97	88	80	51
5	44	44	47	168	151	1,060	228	547	97	75	120	50
6	43	48	46	147	210	512	1,830	397	97	72	88	50
7	43	46	44	178	180	403	1,590	319	97	68	77	50
8	43	44	47	151	158	480	1,300	272	95	95	74	48
9	41	46	46	721	142	355	740	238	99	88	72	46
10	41	46	44	480	134	480	528	220	90	75	71	47
11	40	46	94	299	134	336	407	202	88	90	71	50
12	40	43	202	242	122	275	362	220	88	111	71	59
13	39	44	126	208	136	238	1,300	212	95	132	68	48
14	41	46	198	168	195	387	940	172	87	97	66	47
15	43	44	153	145	208	3,660	585	160	82	85	66	47
16	41	46	118	134	381	1,580	426	150	80	79	83	46
17	41	44	100	130	264	725	356	140	79	94	94	47
18	41	46	91	122	572	512	310	134	77	72	71	47
19	41	48	84	114	512	400	280	126	75	71	66	46
20	41	46	80	132	368	384	252	124	74	83	63	46
21	40	47	73	126	275	378	230	118	74	99	63	46
22	40	47	69	114	230	296	218	115	72	80	65	46
23	40	50	75	108	200	248	205	207	77	75	68	45
24	41	48	75	548	180	222	250	192	82	82	79	45
25	41	48	71	2,360	215	1,300	381	134	83	74	65	45
26	41	48	67	742	250	4,680	320	122	124	71	61	45
27	43	52	66	464	208	1,520	671	116	94	68	58	45
28	41	55	60	330	198	800	490	111	79	65	58	46
29	41	140	59	252	180	547	528	109	72	65	56	51
30	41	82	59	215	-----	404	352	109	71	187	56	71
31	43	-----	58	210	-----	333	-----	106	-----	253	55	-----
TOTAL	1,309	1,536	2,468	9,393	6,555	24,809	16,134	9,200	2,640	2,858	2,241	1,468
MAX	42.2	51.2	79.6	303	226	800	538	297	88.0	92.2	122.3	48.9
MIN	53	140	202	2,360	572	4,680	1,830	2,150	124	253	120	71
CFSM	39	43	44	75	122	160	205	106	71	65	55	45
IN.	.39	.47	.73	2.78	2.07	7.34	4.93	2.72	.81	.85	.66	.45
IN.	.45	.52	.84	3.20	2.24	8.46	5.50	3.14	.90	.98	.76	.50
CAL YR 1963: TOTAL	57,798			MEAN 158		MAX 2,900	MIN 39		CFSM 1.45	IN 19.72		
WAT YR 1964: TOTAL	80,611			MEAN 220		MAX 4,680	MIN 39		CFSM 2.02	IN 27.50		

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	63	56	63	104	113	180	205	113	64	60	50	46
2	52	56	62	102	164	310	189	108	63	59	49	54
3	50	55	61	113	142	290	178	106	62	59	48	62
4	81	55	142	102	128	400	603	102	69	59	48	48
5	132	55	134	95	118	300	888	99	93	61	49	46
6	69	54	100	92	104	270	713	96	73	61	48	46
7	56	52	88	90	547	220	470	94	322	58	48	45
8	52	52	82	87	310	215	374	93	792	58	48	44
9	50	52	77	82	230	190	311	90	130	57	48	44
10	48	52	74	106	230	170	256	88	103	57	102	44
11	47	51	75	115	352	180	222	85	108	57	61	44
12	46	51	190	102	895	456	839	85	120	56	52	58
13	46	51	152	95	604	423	470	83	118	54	52	46
14	45	52	120	90	394	306	314	81	99	58	51	44
15	63	51	104	87	295	252	263	78	93	61	56	43
16	380	51	95	94	235	215	265	77	89	58	51	43
17	146	51	90	87	278	206	215	75	82	56	50	42
18	102	52	102	83	322	204	188	75	78	54	50	42
19	87	52	92	82	252	174	199	75	74	55	52	42
20	79	55	106	79	210	159	190	78	71	53	54	42
21	75	51	122	79	185	147	164	96	70	54	50	41
22	71	50	115	77	168	141	152	101	66	53	49	41
23	66	50	107	160	156	146	146	81	65	48	48	41
24	65	55	102	275	164	209	138	79	68	52	48	42
25	62	162	188	172	426	277	134	76	67	56	48	41
26	62	95	170	148	240	360	132	75	68	54	48	39
27	61	75	176	128	128	423	177	72	64	55	48	39
28	59	74	144	115	174	305	144	71	63	60	48	39
29	58	71	126	109	-----	263	126	69	61	58	48	39
30	58	65	116	124	-----	281	118	67	62	54	48	41
31	56	-----	111	122	-----	229	-----	66	-----	51	48	-----
TOTAL	2,387	1,804	3,486	3,396	7,631	7,894	8,783	2,634	3,357	1,751	1,598	1,328
MEAN	77.0	60.1	112	110	273	255	293	85.0	112	56.5	51.4	44.3
MAX	380	162	190	275	895	456	888	113	792	61	102	62
MIN	45	50	61	77	104	139	118	66	61	51	48	39
CFSM	71	55	1.03	1.01	2.50	2.34	2.69	1.07	1.03	.52	.47	.41
IN.	.81	.62	1.19	1.16	2.60	2.69	3.00	.90	1.15	.60	.55	.45
CAL YR 1964: TOTAL	82,975			MEAN 227		MAX 4,680	MIN 45		CFSM 2.08	IN 28.31		
WAT YR 1965: TOTAL	46,049			MEAN 126		MAX 895	MIN 39		CFSM 1.16	IN 19.71		

MOBILE RIVER BASIN

2-3980 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

Records available --March 1937 to September 1965

Gage --Digital water-stage recorder Datum of gage is 613 47 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department) Prior to Nov 12, 1937, staff gage, and Nov 12, 1937, to Mar 21, 1965, graphic water-stage recorder at same site and datum

Average discharge --28 years, 346 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (3,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	1700	* 8,220	16 4	Oct 3, 1962	2100	3,100	12 1	Apr 6, 1964	1900	3,200	12 3
Feb 25, 1961	2200	4,140	14 1	Mar 6, 1963	1600	6,900	15 5	Apr 14, 1964	0600	3,660	13 1
Mar 8, 1961	1900	3,680	13 6	Mar 13, 1963	0900	3,800	13 3	May 3, 1964	1600	7,500	15 8
				Apr 30, 1963	1600	* 11,700	17 4				
Dec 12, 1961	2100	* 8,700	16 6	Jan 25, 1964	1800	8,120	16 1	Mar 27, 1965	0200	* 9,070	16 47
Dec 18, 1961	2000	* 9,460	16 9	Mar 15, 1964	1700	* 11,700	17 4	Mar 30, 1965	0100	4,200	13 78
Jan 27, 1962	2200	8,220	16 4	Mar 26, 1964	1200	9,420	16 6				
Apr 12, 1962	0900	5,250	14 9								

Annual minimum daily discharge, water years 1961-65

Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 29, 1961	72	1964	Nov 16, 1963	83
1962	Nov 2, 1961	73	1965	Sept 9, 1965	83
1963	Nov 5-7, 1962	86			

1937-65 Maximum discharge, 24,500 cfs Mar 29, 1961 (gage height, 21 0 ft), minimum daily, 38 cfs Oct 17, 1937, Nov 9, 1939

Remarks --Records fair Low and medium flow regulated by powerplant at Trion, 6 miles above station

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	162	170	180	1,550	181	842	998	231	138	248	134	122
2	138	146	160	794	182	698	698	230	133	220	134	128
3	126	134	150	550	181	590	610	217	132	206	136	134
4	114	130	150	430	180	510	530	208	133	198	189	109
5	169	126	140	372	169	460	460	200	138	186	138	103
6	636	124	140	324	166	450	420	200	133	178	142	100
7	550	124	140	286	260	590	382	195	130	174	163	116
8	610	120	130	296	654	2,550	344	192	128	181	170	103
9	570	116	130	231	490	2,100	382	197	127	169	164	96
10	391	130	300	212	400	1,030	530	189	174	162	144	93
11	306	132	850	200	353	770	410	189	224	154	142	93
12	248	124	600	192	315	654	1,250	184	180	163	133	92
13	212	121	450	184	286	610	1,400	176	146	181	128	90
14	189	122	320	268	258	610	832	172	172	175	126	89
15	172	120	268	277	239	510	654	174	413	197	124	89
16	163	120	239	248	224	470	746	174	286	220	126	87
17	157	120	210	226	212	420	570	164	218	268	121	85
18	150	118	192	213	224	460	490	164	190	226	118	85
19	142	115	181	235	362	470	430	176	174	230	116	87
20	215	114	182	296	762	420	400	164	180	391	112	88
21	176	114	570	268	2,810	450	362	157	1,260	230	114	88
22	160	112	430	239	3,930	530	344	158	632	198	114	87
23	156	152	334	230	7,320	470	324	193	460	186	112	85
24	151	187	296	222	3,190	420	306	174	530	192	110	84
25	146	160	258	201	2,900	382	277	164	391	176	110	83
26	139	150	235	208	2,680	362	277	162	510	166	108	79
27	134	140	217	212	1,310	344	286	156	570	157	106	80
28	130	130	197	197	1,050	344	277	150	410	151	106	77
29	127	160	187	189	-----	344	248	146	334	146	104	77
30	122	200	217	186	-----	315	233	144	286	142	103	76
31	198	-----	276	181	-----	570	-----	140	-----	138	112	-----
TOTAL	6,999	4,031	8,329	9,679	31,288	19,745	15,470	5,540	8,932	6,009	3,959	2,800
MEAN	226	134	269	312	1,117	637	516	179	298	194	128	93.3
MAX	636	200	850	1,550	7,320	2,550	1,400	231	1,760	391	189	134
MIN	114	112	130	181	166	315	233	140	127	138	103	72
CFSM	1.17	.70	1.39	1.62	5.79	3.30	2.67	.93	1.54	1.00	.66	.48
IN.	1.35	.78	1.60	1.87	6.03	3.80	2.98	1.07	1.72	1.16	.76	.54

CAL YR 1960: TOTAL 122,760

MEAN 392

MAX 7,320

MIN 72

CFSM 1.74 IN 29.28

2-3980 Chattooga River at Summerville, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	76	74	92	370	828	732	1,110	248	138	100	101	78
2	77	73	91	410	708	612	732	232	144	100	98	78
3	105	74	89	370	612	529	588	217	159	100	96	77
4	113	78	89	350	529	485	507	206	160	110	98	81
5	89	83	91	340	485	441	452	203	186	127	98	116
6	84	81	92	1,120	441	400	612	194	175	202	108	95
7	83	77	91	1,190	390	360	876	192	184	260	102	86
8	78	76	88	760	370	330	708	184	151	370	126	89
9	86	74	88	612	370	518	588	180	140	225	116	86
10	89	74	322	507	340	588	496	178	135	175	99	86
11	88	75	724	430	310	1,000	2,220	173	133	151	94	105
12	86	75	6,000	390	300	852	4,780	167	162	143	95	89
13	80	76	4,840	360	280	684	2,600	160	350	136	99	80
14	77	83	1,290	330	270	564	1,370	157	700	127	96	88
15	74	84	780	380	260	496	1,130	154	350	124	92	88
16	75	194	756	430	270	441	852	149	250	124	91	91
17	146	76	1,970	260	260	708	2,000	144	200	119	92	117
18	76	103	7,480	340	250	350	612	141	170	115	88	102
19	78	92	4,320	420	260	330	540	138	160	110	87	91
20	77	88	1,320	420	246	320	474	135	150	108	88	87
21	77	86	876	380	290	794	420	132	140	106	91	84
22	76	83	708	360	1,110	588	380	130	140	106	99	82
23	75	109	612	564	1,160	485	360	129	130	108	91	82
24	76	175	518	660	1,640	430	350	126	130	106	86	82
25	75	129	441	913	1,190	430	320	123	120	108	87	82
26	74	112	390	1,640	1,240	900	320	123	110	106	84	99
27	74	105	390	5,360	900	684	290	122	140	102	84	162
28	74	101	485	6,900	780	564	280	122	120	102	83	105
29	74	96	400	3,920	-----	485	280	129	110	106	82	94
30	75	94	360	1,560	-----	430	280	219	110	105	80	91
31	74	-----	340	1,080	-----	932	-----	144	-----	109	80	-----
TOTAL MEAN	2,491	2,870	36,133	33,256	16,089	17,144	25,315	5,053	5,447	4,190	2,911	2,779
MAX	113	194	7,480	6,900	1,640	1,000	4,780	248	700	370	126	162
MIN	74	73	88	330	246	320	280	122	116	100	87	77
CFSM	.42	.50	6.04	5.56	2.98	2.87	4.37	.84	.94	.70	.49	.48
IN.	.48	.55	6.96	6.41	3.10	3.30	4.88	.97	1.05	.81	.56	.54

CAL YR 1961: TOTAL 144,916
WAT YR 1962: TOTAL 153,078MEAN 397
MEAN 421MAX 7,480
MAX 7,480MIN 72
MIN 73CFSM 2.06
CFSM 2.18IN 27.92
IN 29.61

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	88	91	181	390	485	270	300	3,900	236	507	708	115
2	89	91	175	330	529	400	280	1,240	212	564	452	115
3	2,170	88	170	290	1,390	320	260	852	198	390	350	113
4	1,010	87	167	260	900	300	250	684	186	300	280	115
5	260	86	165	234	708	708	240	564	181	248	246	130
6	192	86	168	219	588	5,560	260	474	173	216	221	115
7	170	86	160	207	507	2,390	390	410	168	430	205	115
8	157	92	159	198	441	1,100	340	360	178	360	192	109
9	149	560	154	186	380	804	300	320	176	260	183	109
10	135	606	152	180	340	684	280	290	160	223	172	113
11	126	300	148	221	330	684	260	270	154	201	162	113
12	120	260	143	612	330	1,630	240	250	146	189	157	113
13	117	330	136	463	300	3,200	225	240	141	183	154	136
14	113	280	138	390	280	1,450	216	350	136	199	164	119
15	110	234	136	330	260	956	207	260	132	191	151	112
16	112	208	136	300	236	804	199	230	151	221	141	108
17	117	203	136	280	226	1,180	194	217	238	290	138	106
18	113	1,150	133	280	223	956	191	310	181	310	133	105
19	110	684	129	514	400	780	183	228	157	270	130	102
20	109	463	127	1,970	420	1,240	183	207	156	225	133	101
21	106	430	129	984	370	828	175	198	350	400	144	98
22	108	420	156	684	320	660	173	186	420	250	133	95
23	140	360	136	588	360	564	167	176	564	207	127	92
24	95	300	149	564	290	507	160	172	1,040	320	124	91
25	91	270	217	441	280	452	157	175	518	612	122	91
26	91	250	320	420	260	474	157	310	612	540	123	91
27	226	290	474	244	452	194	154	430	284	390	124	94
28	88	208	250	390	230	390	262	390	390	350	124	130
29	89	203	501	340	-----	360	2,180	452	340	684	123	132
30	91	192	708	390	-----	330	9,960	330	390	984	123	105
31	92	-----	485	529	-----	310	-----	280	-----	660	119	-----
TOTAL MEAN	6,611	8,824	6,374	13,658	11,599	30,743	18,543	14,979	8,558	11,174	5,863	3,283
MAX	2,170	1,150	708	1,970	1,390	5,560	9,960	3,900	1,040	984	708	109
MIN	88	86	127	180	223	270	154	172	132	183	119	91
CFSM	1.10	1.52	1.07	2.28	2.15	5.14	3.20	2.50	1.48	1.87	.98	.57
IN.	1.27	1.70	1.23	2.63	2.24	5.92	3.57	2.89	1.65	2.15	1.13	.63

CAL YR 1962: TOTAL 133,993
WAT YR 1963: TOTAL 140,209MEAN 367
MEAN 384MAX 9,960
MAX 9,960MIN 77
MIN 86CFSM 1.99
CFSM 1.99IN 27.82
IN 27.82

2-3980 Chattooga River at Summerville, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	98	92	157	188	420	380	617	569	198	136	156	113
2	96	101	135	176	350	797	557	994	194	157	141	110
3	95	91	124	175	320	2,300	522	5,980	184	172	138	109
4	94	88	117	290	320	1,220	665	2,620	178	176	141	105
5	92	94	112	430	330	1,760	691	1,250	175	149	133	105
6	92	102	109	390	899	1,100	2,220	873	367	136	132	103
7	92	96	106	717	717	847	2,180	717	290	133	129	103
8	95	91	120	569	569	743	2,010	617	194	345	126	102
9	94	89	110	1,580	444	641	1,310	534	183	280	123	99
10	91	87	100	1,460	420	821	953	499	172	198	127	101
11	92	87	190	769	380	665	795	453	164	212	154	99
12	92	86	1,210	617	330	569	717	410	160	260	149	101
13	91	84	488	510	370	510	2,070	380	176	330	126	98
14	92	84	390	400	522	1,520	2,960	340	167	225	120	98
15	89	84	330	350	653	9,450	1,460	320	156	186	120	98
16	88	83	270	310	1,560	4,400	1,010	300	152	506	172	96
17	88	84	230	290	899	1,700	821	280	151	290	228	94
18	88	86	208	270	1,370	1,130	691	260	149	198	151	95
19	87	86	191	250	1,370	847	581	250	146	183	136	96
20	87	84	178	290	899	795	534	240	144	441	127	96
21	88	84	167	340	717	717	464	236	141	464	124	95
22	87	86	160	270	593	617	420	225	140	360	124	94
23	87	88	178	210	510	522	400	223	135	238	122	91
24	86	86	198	460	453	468	453	216	146	203	122	89
25	86	86	183	5,950	464	1,620	641	217	172	184	119	91
26	86	88	178	2,880	499	7,700	641	205	148	173	120	89
27	86	86	188	1,190	430	2,950	1,250	199	140	164	119	87
28	87	89	191	700	420	1,460	1,250	199	135	156	116	89
29	88	648	186	500	410	1,070	925	201	130	148	116	95
30	86	260	175	430	-----	847	691	194	127	148	115	109
31	84	-----	172	390	-----	717	-----	191	-----	146	112	-----
TOTAL	2,784	3,380	6,851	23,551	17,658	50,903	30,499	20,192	5,114	7,097	4,138	2,950
MEAN	89.8	113	221	760	569	1,647	1,017	651	170	229	136	98.3
MAX	98	648	1,210	5,950	1,560	9,450	2,960	5,980	367	506	228	113
MIN	84	83	100	175	320	380	400	191	127	133	112	87
CFSM	.47	.58	1.15	3.94	3.15	8.51	5.27	3.37	.88	1.19	.69	.51
IN.	.54	.65	1.32	4.54	3.40	9.81	5.88	3.89	.99	1.37	.80	.57
CAL YR 1963: TOTAL	131,415			MEAN 360		MAX 9,960		MIN 83		CFSM 1.87		IN 25.32
WAT YR 1964: TOTAL	179,117			MEAN 478		MAX 9,450		MIN 83		CFSM 2.48		IN 33.74

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	103	109	183	219	203	290	1,100	309	128	106	125	92
2	96	106	175	225	246	735	868	283	127	104	122	92
3	94	105	172	288	217	1,010	727	260	127	130	117	90
4	250	102	884	248	207	1,040	242	130	140	112	88	87
5	332	99	665	234	203	981	1,220	229	203	116	110	87
6	151	98	410	226	208	795	958	217	139	113	122	88
7	132	98	330	216	929	641	826	210	133	114	113	86
8	126	98	280	205	873	557	706	203	195	116	136	85
9	123	101	248	198	641	488	626	196	146	111	139	83
10	119	96	221	694	569	430	540	191	128	109	118	85
11	115	96	217	691	1,870	390	488	190	131	112	113	86
12	116	91	665	476	2,580	522	483	189	149	113	109	292
13	119	91	593	390	1,730	617	416	180	142	108	105	145
14	116	91	420	340	981	499	373	176	211	106	101	105
15	123	88	340	300	743	442	358	170	384	115	101	100
16	240	89	300	300	593	400	411	166	241	108	109	95
17	198	92	270	260	534	478	351	163	186	105	110	93
18	156	92	270	240	464	821	323	163	162	102	109	88
19	141	109	238	225	400	569	343	164	145	103	101	86
20	133	135	260	216	360	488	335	181	138	101	118	90
21	129	127	300	207	330	420	297	172	132	98	102	86
22	129	110	290	199	300	390	284	185	127	96	94	85
23	126	105	270	225	280	361	269	158	123	107	111	111
24	124	112	250	300	280	1,350	255	150	119	104	121	126
25	123	858	340	270	442	1,820	297	145	118	154	142	115
26	123	442	370	250	350	5,040	388	143	115	221	119	98
27	119	290	360	234	320	5,120	593	140	110	146	107	95
28	119	238	300	217	310	1,670	456	139	111	392	102	90
29	117	217	270	212	-----	2,620	384	135	108	298	97	91
30	113	198	248	216	-----	3,180	341	130	108	151	96	97
31	109	-----	236	205	-----	1,590	-----	130	-----	133	92	-----
TOTAL	4,314	4,683	10,375	8,718	17,163	35,754	16,136	5,709	4,518	4,132	3,473	3,050
MEAN	139	156	335	281	613	1,153	538	184	151	133	112	102
MAX	332	858	884	694	2,580	5,120	1,220	309	384	392	142	292
MIN	84	88	172	198	203	390	255	130	108	96	92	83
CFSM	.72	.81	1.73	1.46	3.18	5.98	2.79	.95	.78	.69	.58	.53
IN.	.83	.90	2.00	1.68	3.31	6.89	3.11	1.10	.87	.80	.67	.59
CAL YR 1964: TOTAL	181,474			MEAN 496		MAX 9,450		MIN 87		CFSM 2.57		IN 34.97
WAT YR 1965: TOTAL	118,025			MEAN 323		MAX 5,120		MIN 83		CFSM 1.68		IN 22.77

2-3983 Chattooga River above Gaylesville, Ala

Location --Lat 34°17'30", long 85°30'30", in SW¼ sec 32, T 9 S, (revised) R 11E, on left bank 10 ft upstream from bridge on county highway, 600 ft downstream from Mills Creek, and 3 5 miles northeast of Gaylesville

Drainage area --368 sq mi

Records available --January 1959 to September 1965

Gage --Digital water-stage recorder Datum of gage is 562.11 ft above mean sea level (Alabama Power Company bench mark) July 28, 1960, to Aug 3, 1965, digital and graphic water-stage recorders, July 20, 1959, to July 28, 1960, graphic water-stage recorder, prior to July 20, 1959, wire-weight gage at present site and datum

Average discharge --6 years, 633 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (5,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	1500	* 12,000	20 56	Mar 13, 1963	0700	5,120	16 17	May 4, 1964	1330	-	18 85
Dec 13, 1961	1530	10,400	19 78	Apr 30, 1963	1330	* 13,600	20 95	Mar 25, 1965	0400		
Dec 19, 1961	1300	10,600	19 90	Jan 26, 1964	2000	6,800	17 87	Mar 27, 1965	2230	* 10,100	18 94
Jan 28, 1962	-	* 11,500	20 34	Mar 16, 1964	1100	12,200	20 42	Mar 30, 1965	1815	5,270	15 88
Apr 16, 1962	2000	9,260	19 21	Mar 26, 1964	1300	* 13,300	20 65				
				Apr 8, 1964	1115	-	17 98				
Mar 7, 1963	1015	7,570	18 32	Apr 14, 1964	0745	-	16 05				

Annual minimum daily discharge, water years 1961-65					
Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 28-30, 1961	130	1964	Sept 25, 1964	115
1962	Oct 25 to Nov 3, 1961	115	1965	Sept 11, 1965	139
1963	Oct 1, 1962	140			

1959-65 Maximum discharge, 13,600 cfs Apr 30, 1963 (gage height 20 95 ft), minimum daily, 115 cfs Oct 25 to Nov 3, 1961, Sept 25, 1964
Flood of Mar 30, 1961, reached a stage of 23 5 ft, from floodmark

Remarks --Records good Some regulation at low-flows by power plant 24 miles upstream from station

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	250	275	327	2,110	438	1,680	1,800	440	264	483	216
2	220	240	300	1,760	444	1,320	1,300	430	261	456	212
3	200	216	283	1,010	459	1,140	1,100	415	253	429	209
4	180	202	272	782	444	988	1,000	390	248	420	264
5	250	196	261	658	432	884	870	370	267	402	303
6	1,000	196	250	578	414	873	800	370	250	390	309
7	960	194	245	525	673	1,300	720	360	267	390	378
8	990	194	235	480	1,310	3,900	640	360	258	408	357
9	900	189	227	441	1,030	4,650	720	370	253	411	292
10	700	222	221	417	878	2,420	1,000	360	267	402	240
11	500	229	1,140	402	809	1,460	900	350	360	399	245
12	400	214	1,300	378	750	1,180	2,400	350	396	417	230
13	350	206	900	366	713	1,090	2,500	330	330	456	210
14	300	202	740	620	674	1,090	1,700	320	438	423	200
15	280	202	560	687	636	911	1,300	315	471	601	190
16	260	199	470	649	604	822	1,400	321	582	636	180
17	250	202	420	588	582	736	1,100	300	429	594	180
18	240	199	380	556	614	816	900	300	384	550	170
19	230	194	360	582	1,190	855	766	318	357	474	170
20	350	194	360	661	2,280	766	720	312	369	562	160
21	300	192	1,600	588	6,600	891	652	294	1,160	498	160
22	267	187	1,020	519	9,390	951	633	297	1,220	411	170
23	250	269	733	498	11,600	848	600	333	730	369	170
24	245	342	620	477	10,100	773	560	330	773	333	160
25	227	315	543	447	7,040	713	520	306	662	256	160
26	222	280	492	465	5,400	668	520	300	782	275	160
27	216	256	450	489	3,660	630	540	297	964	269	160
28	209	245	423	459	2,070	646	520	275	733	240	160
29	196	327	408	444	-----	668	470	272	630	219	155
30	194	360	438	438	-----	604	450	264	546	222	150
31	219	-----	557	435	-----	900	-----	264	-----	727	160
TOTAL	11,355	6,938	16,535	19,529	71,234	37,173	29,101	10,313	14,904	12,622	6,480
MEAN	366	231	533	630	2,544	1,199	970	333	497	407	209
MAX	1,000	360	1,600	2,110	11,600	4,650	2,500	440	1,220	636	378
MIN	180	187	221	366	414	604	450	264	248	219	150
CFSM	1.00	.63	1.45	1.71	6.91	3.26	2.64	.90	1.35	1.11	.57
IN.	1.15	.70	1.67	1.97	7.20	3.76	2.94	1.04	1.51	1.28	.65

CAL YR 1960: TOTAL 198,097 MEAN 541 MAX 3,850 MIN 130 CFSM 1.47 IN 20.02
WAT YR 1961: TOTAL 240,599 MEAN 659 MAX 11,600 MIN 130 CFSM 1.79 IN 24.31

Note --No gage-height record Aug 12 to Sept 30

MOBILE RIVER BASIN

2-3983 Chattooga River above Gaylesville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	130	115	151	747	1,670	1,320	2,320	526	295	224	189	152
2	130	115	149	792	1,380	1,080	1,380	494	408	221	188	151
3	150	115	149	720	1,180	966	1,110	464	869	227	185	150
4	180	120	149	667	1,050	875	960	449	441	347	185	150
5	176	130	151	657	953	807	884	437	427	312	183	168
6	149	130	156	1,860	870	734	1,130	418	427	734	200	195
7	142	125	156	2,320	772	672	1,480	403	523	838	192	166
8	151	120	147	1,500	729	623	1,240	392	353	788	219	162
9	136	120	147	1,170	725	956	1,050	377	325	479	219	160
10	140	120	357	1,000	671	1,220	915	377	305	371	192	155
11	141	120	1,100	856	608	2,780	4,680	369	296	313	178	156
12	140	120	6,160	783	575	1,920	810	354	320	297	172	180
13	137	125	9,700	716	557	1,400	8,010	340	550	285	182	157
14	129	130	6,920	674	535	1,140	4,320	333	543	275	178	224
15	123	140	2,000	716	512	997	2,200	325	324	277	170	166
16	123	300	1,350	908	532	886	1,740	315	291	455	165	177
17	123	250	2,740	766	523	787	1,360	307	273	290	166	212
18	126	200	7,240	710	491	710	1,170	303	262	271	165	189
19	122	160	10,200	850	524	669	1,040	303	257	244	162	165
20	121	150	6,150	850	492	642	920	303	273	231	158	153
21	122	140	2,080	800	684	1,130	831	298	262	224	192	145
22	122	140	1,550	700	2,240	1,110	763	290	249	220	190	143
23	120	170	1,350	1,200	2,070	857	716	283	241	217	170	143
24	116	280	1,140	1,400	2,360	766	688	278	239	214	170	138
25	115	200	951	2,000	2,170	878	685	273	231	215	160	136
26	115	180	799	4,000	1,900	1,660	676	269	225	214	160	135
27	115	170	799	10,000	1,560	1,280	609	264	234	203	160	215
28	115	160	1,100	11,000	1,330	1,030	569	257	313	202	155	187
29	115	156	855	9,850	-----	916	585	278	257	210	150	157
30	115	156	737	5,880	-----	833	476	567	232	202	155	144
31	115	-----	685	2,280	-----	1,810	-----	341	-----	210	152	-----
TOTAL	4,054	4,657	67,318	68,372	29,663	33,454	53,417	10,987	10,245	9,810	5,468	4,931
MEAN	131	155	2,172	2,206	1,059	1,079	1,781	354	342	316	176	164
MAX	180	300	10,200	11,000	2,360	2,780	8,810	567	869	838	219	224
MIN	115	115	147	657	491	623	340	257	225	202	150	135
CFSM	-.36	-.42	5.90	5.99	2.88	2.93	4.84	-.96	-.93	-.86	-.48	-.45
IN.	-.41	-.47	6.80	6.91	3.00	3.38	5.40	1.11	1.04	-.99	-.55	-.50

CAL YR 1961: TOTAL 281,800
MAY YR 1962: TOTAL 502,376MEAN 772
MEAN 828MAX 11,600
MAX 11,000MIN 115
MIN 115CFSM 2.10
CFSM 2.25IN 28.48
IN 30.56

Note --No gage-height record Oct 24 to Nov 28, Jan 19-28

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	140	167	348	753	928	544	536	11,400	444	733	1,020	206
2	155	165	330	645	1,070	758	510	2,500	404	938	835	199
3	3,490	163	319	565	2,890	632	489	1,500	382	678	639	199
4	2,710	160	313	505	2,020	566	471	1,300	365	554	533	203
5	524	157	309	462	1,420	1,320	449	1,100	354	473	467	220
6	369	153	307	431	1,190	6,630	486	950	340	432	421	209
7	328	153	299	408	1,040	7,240	627	800	326	617	387	201
8	296	167	297	388	905	3,530	607	700	326	822	365	200
9	277	713	289	367	789	1,590	526	600	354	521	347	193
10	258	1,110	278	355	711	1,310	498	550	315	432	328	193
11	240	543	273	611	669	1,290	467	520	298	393	309	196
12	230	424	262	1,580	655	2,960	441	490	284	371	296	207
13	219	469	250	1,070	601	4,980	418	470	273	351	287	246
14	213	443	247	864	554	3,740	400	700	259	390	294	218
15	204	381	250	716	512	1,880	388	500	248	376	287	197
16	198	347	253	628	478	1,500	379	450	301	551	265	188
17	201	338	252	571	457	1,690	371	420	473	588	254	181
18	201	1,140	248	585	447	1,790	360	600	410	530	246	178
19	195	1,340	242	1,210	802	1,330	354	450	326	473	240	176
20	189	830	242	3,410	891	1,700	356	400	346	470	243	171
21	192	918	245	2,330	743	1,370	344	380	717	733	275	167
22	187	866	301	1,370	638	1,080	332	360	1,070	530	251	162
23	181	675	308	1,160	583	944	323	350	855	435	236	156
24	173	567	289	1,050	574	856	313	337	1,510	518	225	153
25	163	507	447	858	548	785	308	334	954	948	221	155
26	170	461	566	809	517	843	306	435	1,020	915	222	157
27	166	423	526	895	482	813	300	928	987	694	233	156
28	164	397	472	769	461	702	665	855	740	700	225	652
29	164	395	953	666	-----	641	4,530	819	642	997	221	425
30	166	370	1,330	759	-----	593	13,200	588	614	1,540	220	235
31	170	-----	924	974	-----	559	-----	494	-----	1,380	213	-----
TOTAL	12,533	14,942	11,969	27,764	23,575	56,166	29,754	32,260	15,937	20,083	10,605	6,399
MEAN	404	498	386	896	842	1,812	992	1,041	531	648	342	213
MAX	3,490	1,340	1,330	3,410	2,400	7,240	13,200	11,400	1,510	1,540	1,020	652
MIN	140	153	242	355	447	544	300	334	248	351	213	153
CFSM	1.10	1.35	1.05	2.43	2.29	4.92	2.70	2.83	1.44	1.76	.93	.58
IN	1.27	1.51	1.21	2.81	2.38	5.68	3.01	3.26	1.61	2.03	1.07	.65

CAL YR 1962: TOTAL 265,791
MAY YR 1963: TOTAL 261,987MEAN 728
MEAN 718MAX 11,000
MAX 11,000MIN 135
MIN 135CFSM 1.98
CFSM 1.95IN 26.86
IN 26.88

2-3983 Chattooga River above Gaylesville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	199	160	337	384	978	756	1,200	1,000	343	1,050	230	188
2	188	184	278	373	834	1,610	1,100	2,000	360	418	220	185
3	179	168	257	375	748	3,440	1,000	6,000	318	475	220	175
4	176	154	234	534	697	2,660	1,300	6,000	304	545	210	169
5	169	160	218	752	729	2,720	1,500	2,500	298	350	207	164
6	164	177	207	740	1,410	2,250	4,000	1,600	494	305	205	156
7	166	175	200	1,120	1,370	3,900	1,300	677	284	200	150	154
8	167	162	208	1,120	1,050	1,470	3,500	1,100	407	942	195	152
9	165	155	218	2,550	928	1,250	2,500	1,000	372	782	190	147
10	161	155	204	2,790	845	1,360	2,000	911	351	589	210	143
11	158	148	750	1,480	769	1,220	1,500	832	333	500	364	142
12	159	148	2,350	1,160	687	1,050	1,400	769	329	984	355	150
13	157	144	1,300	1,010	788	948	3,000	700	362	1,140	310	142
14	155	143	904	830	1,150	2,240	4,500	633	340	648	273	136
15	155	142	759	710	1,340	7,840	3,000	585	313	490	266	138
16	154	139	596	634	2,870	11,300	2,000	548	302	569	462	135
17	153	139	513	596	1,880	6,260	1,500	515	293	753	619	129
18	153	140	466	564	2,430	2,330	1,300	488	289	452	382	128
19	150	140	421	525	2,670	1,740	1,100	467	283	405	308	131
20	149	139	392	553	1,760	1,620	1,000	464	278	589	277	134
21	148	138	370	628	1,330	1,500	900	446	279	741	257	130
22	148	139	351	552	1,150	1,290	800	424	277	750	255	130
23	147	150	396	521	984	1,120	750	404	276	426	259	126
24	146	149	441	1,180	885	1,000	800	410	331	350	247	121
25	146	143	405	4,710	931	3,420	1,100	396	381	300	231	115
26	146	140	388	6,060	1,000	12,400	1,200	382	300	270	226	118
27	145	151	391	4,100	862	10,100	2,000	362	300	250	228	117
28	144	157	392	1,560	852	4,570	2,100	357	277	240	222	119
29	143	942	382	1,200	829	2,460	1,800	348	268	230	208	135
30	144	719	363	1,020	-----	1,600	1,300	348	259	230	199	183
31	144	-----	353	947	-----	1,350	-----	334	-----	250	192	-----
TOTAL	4,878	5,900	15,044	41,198	34,756	96,484	55,050	33,623	9,924	16,307	8,222	4,292
MEAN	157	197	485	1,329	1,198	3,112	1,835	1,085	331	526	265	143
MAX	199	942	2,350	6,060	2,870	12,400	4,500	6,000	627	1,140	619	188
MIN	143	138	200	373	687	756	750	334	259	730	190	115
CFSM	-43	-53	1.32	3.61	3.26	8.46	4.99	2.95	-90	1.43	-72	-39
IN-	-49	-60	1.52	4.16	3.51	9.75	5.46	3.40	1.00	1.65	-.83	-.43

CAL YR 1963: TOTAL 248,365 MEAN 680 MAX 13,200 MIN 138 CFSM 1.85 IN 25.10
 MAY YR 1964: TOTAL 325,678 MEAN 890 MAX 12,400 MIN 115 CFSM 2.42 IN 32.91

Note --Stage discharge relation indefinite Mar 30 to May 9

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	179	190	309	457	402	589	2,030	622	235	219	236	181
2	174	188	287	464	545	1,250	1,600	572	230	213	222	162
3	169	186	277	461	466	1,830	1,360	532	230	285	213	162
4	559	188	1,700	565	424	1,920	2,390	495	243	299	199	162
5	760	181	1,550	514	407	1,840	2,770	465	288	253	193	153
6	286	179	834	489	429	1,490	2,110	439	288	249	193	157
7	213	177	643	466	1,460	1,210	1,620	419	292	243	201	153
8	192	186	547	426	1,670	1,050	1,360	407	354	248	192	152
9	181	181	483	393	1,200	929	1,200	384	321	225	238	148
10	170	177	432	1,330	1,180	833	1,040	369	265	218	206	147
11	164	170	438	1,410	2,650	746	936	360	264	226	190	139
12	160	167	1,350	963	4,140	980	1,350	375	297	215	186	387
13	160	167	1,260	802	3,710	1,160	996	347	336	210	180	353
14	162	164	891	692	1,860	935	846	331	552	201	176	196
15	197	162	717	613	1,500	842	798	321	1,170	203	184	169
16	592	170	608	635	1,200	761	919	310	624	210	190	161
17	469	174	567	556	1,100	806	770	302	477	197	183	155
18	321	177	604	489	950	1,290	704	298	409	186	195	149
19	272	204	523	459	800	1,000	770	306	355	185	187	145
20	248	232	574	433	730	855	748	489	324	185	176	144
21	236	234	636	414	660	759	653	333	305	179	194	145
22	228	210	606	397	600	697	613	325	289	172	170	139
23	222	195	579	501	560	661	582	318	277	183	166	158
24	219	248	548	665	560	2,880	553	291	268	186	198	224
25	212	1,600	692	581	906	5,040	599	278	266	204	203	199
26	212	1,090	748	535	744	6,570	904	270	252	423	209	173
27	210	566	762	486	695	9,140	1,190	264	239	336	195	154
28	206	451	629	444	619	7,300	948	260	234	698	183	149
29	204	395	561	427	-----	3,610	766	254	232	568	172	146
30	201	344	521	446	-----	5,060	680	244	224	319	169	154
31	194	-----	490	422	-----	3,900	-----	213	-----	258	165	-----
TOTAL	7,972	8,948	21,366	18,195	32,127	67,933	33,785	11,213	10,140	8,196	5,964	5,216
MEAN	257	298	689	587	1,147	2,191	1,126	362	338	264	192	174
MAX	760	1,600	1,700	1,410	4,140	9,140	2,770	622	1,170	898	238	387
MIN	160	162	277	393	402	589	583	239	224	172	165	139
CFSM	-70	-.81	1.87	1.59	3.12	5.95	3.06	.98	-.92	-.72	-.52	-.47
IN-	-.81	-.90	2.16	1.84	3.25	6.87	3.41	1.13	1.02	-.83	-.60	-.53

CAL YR 1964: TOTAL 338,142 MEAN 924 MAX 12,400 MIN 115 CFSM 2.51 IN 33.37
 MAY YR 1965: TOTAL 231,055 MEAN 833 MAX 9,140 MIN 139 CFSM 2.42 IN 32.91

2-3992 Little River near Blue Pond, Ala

Location --Lat 34°17'20", long 85°40'50", in N $\frac{1}{2}$ sec 3, T 9 S, R 9 E, on right bank at downstream side of Tennessee, Alabama & Georgia Railroad bridge, 1 8 miles upstream from Wolf Creek, 4 2 miles northeast of Blue Pond, and 6 8 miles upstream from mouth

Drainage area --194 sq mi

Records available --December 1958 to September 1965

Gage --Digital water-stage recorder Datum of gage is 581 38 ft above mean sea level, datum of 1929 Aug 1, 1959, to Feb 20, 1964, graphic water-stage recorder at same site and datum Prior to Aug 1, 1959, wire-weight gage on highway 0 2 mile downstream at datum 7 49 ft lower

Average discharge --6 years, 491 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (6,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	0530	* 11,800	10 08	Mar 6, 1963	0230	8,890	9 36	Apr 13, 1964	1700	7,770	9 10
Mar 8, 1961	1050	6,510	8 60	Apr 29, 1963	1930	* 26,300	13 55	May 3, 1964	0400	10,300	10 04
Dec 12, 1961	0830	15,500	11 01	Jan 25, 1964	0430	11,400	10 41	Mar 26, 1965	0800	* 12,300	10 71
Dec 18, 1961	0415	* 17,200	11 80	Mar 15, 1964	0645	12,800	10 86				
Jan 27, 1962	0600	15,500	11 37	Mar 26, 1964	0030	* 19,800	12 36				
Apr 11, 1962	1645	11,600	10 07	Apr 7, 1964	1430	6,880	8 77				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	2 3	1 24	1964	Oct 24, 25, 1963	0 50	1 15
1962	Sept 13, 1962	70	1 06	1965	Sept 11, 1965	3 1	-
1963	Sept 27, 1963	80	1 18				

1959-65 Maximum discharge, 26,300 cfs Apr 29, 1963 (gage height 13 55 ft), minimum, 0 20 cfs July 20, 21, 22, 1960, minimum gage height, 0 99 ft July 21, 22, 1960

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	638	367	584	2,060	287	1,300	1,450	226	46	254	33	9.0
2	410	294	469	1,480	287	1,050	1,170	232	39	200	27	41
3	284	238	374	1,080	290	875	956	195	33	143	24	38
4	243	197	333	851	273	729	839	163	29	121	25	28
5	424	170	287	695	251	640	679	143	26	94	24	27
6	1,900	162	248	569	238	710	550	128	26	71	19	26
7	1,470	145	220	478	367	1,140	460	119	24	59	23	22
8	1,150	125	197	410	943	4,330	378	107	24	64	68	26
9	981	117	175	344	911	2,560	495	144	22	66	75	22
10	738	242	149	294	754	1,590	833	190	246	56	56	17
11	550	326	707	264	633	1,190	674	158	541	42	40	14
12	410	287	1,050	235	509	939	1,810	175	340	84	32	11
13	315	257	804	217	435	891	1,940	168	223	257	27	9.0
14	241	226	633	484	382	899	1,340	145	168	182	22	8.1
15	197	202	574	648	326	750	1,030	200	1,530	170	17	7.7
16	167	188	518	679	287	634	1,010	248	993	339	14	7.2
17	136	186	435	603	260	518	827	175	540	918	12	6.5
18	117	167	374	532	309	681	653	149	336	669	12	6.3
19	100	149	326	574	685	803	527	175	223	426	9.5	13
20	526	129	349	788	2,180	718	435	151	219	394	7.9	11
21	418	113	1,340	700	7,510	1,050	355	117	1,550	311	6.8	6.5
22	301	104	1,140	564	9,370	1,270	301	114	990	226	6.0	5.0
23	229	275	868	486	8,550	1,010	257	149	588	168	5.3	4.0
24	177	613	700	418	3,250	812	220	145	643	194	5.2	3.8
25	138	522	579	348	4,360	536	195	115	460	165	4.7	3.5
26	109	439	486	351	2,780	530	226	107	1,090	126	4.7	3.4
27	98	363	422	355	1,840	445	406	100	1,360	97	5.3	3.1
28	88	322	359	301	1,550	435	374	86	814	76	4.7	2.9
29	78	551	322	284	-----	447	280	72	527	61	4.5	2.6
30	70	727	473	284	-----	390	241	62	355	47	4.7	2.4
31	115	-----	667	284	-----	940	-----	53	-----	39	6.7	-----
TOTAL	12,818	8,203	16,162	17,660	49,817	30,812	20,911	4,511	14,005	6,079	626.0	387.0
MEAN	413	273	521	570	1,779	994	697	146	467	196	20.2	12.9
MAX	1,900	727	1,340	2,060	9,370	4,330	1,940	248	1,550	918	75	41
MIN	70	104	149	217	238	390	195	53	39	39	4.5	2.9
CFSM	2.13	1.41	2.69	2.94	9.17	5.12	3.59	.75	2.41	1.01	.10	.07
IN.	2.46	1.57	3.10	3.39	9.55	5.91	4.01	.86	2.68	1.17	.12	.07

CAL YR 1960: TOTAL 151,044.90 MEAN 413 MAX 2,650 MIN .20 CFSM 2.13 IN 28.96
 MAY YR 1961: TOTAL 181,991.0 MEAN 499 MAX 9,370 MIN 2.4 CFSM 2.57 IN 34.89

2-3992 Little River near Blue Pond, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.8	8.1	280	650	968	321	241	3,180	136	822	460	5.1
2	7.0	8.3	244	550	1,060	560	211	1,940	100	690	322	4.4
3	865	18	214	500	2,450	504	185	1,370	77	482	217	3.8
4	631	33	195	430	1,800	452	163	1,020	63	333	149	3.8
5	279	26	195	380	1,300	1,500	143	776	55	214	106	9.0
6	164	17	220	350	1,030	6,430	185	613	47	152	81	7.1
7	115	13	198	320	851	2,580	439	469	40	128	68	5.2
8	115	15	205	300	690	1,640	370	363	34	437	56	4.3
9	85	1,010	203	270	564	1,200	326	273	35	267	48	3.4
10	65	1,720	182	250	482	975	287	217	31	167	40	2.7
11	52	914	170	400	435	924	229	170	26	113	35	2.4
12	42	711	147	1,200	394	1,640	198	145	28	84	35	2.2
13	36	943	136	950	344	3,100	168	121	20	67	35	2.0
14	31	679	134	750	308	1,840	145	343	18	92	35	2.0
15	30	504	120	600	270	1,330	128	315	16	142	35	2.0
16	33	394	121	550	238	1,070	117	208	30	358	35	1.8
17	22	382	117	500	214	1,200	105	170	170	500	35	1.7
18	19	2,370	107	500	198	1,280	96	180	134	348	35	2.0
19	16	1,910	100	1,000	440	1,030	90	129	93	254	35	2.0
20	14	1,330	102	2,800	579	1,300	90	98	116	237	35	1.8
21	13	1,200	128	1,700	545	1,120	98	81	200	1,010	20	1.7
22	14	1,140	430	1,340	495	862	82	68	1,210	581	20	1.4
23	13	887	452	1,140	439	669	71	58	1,010	351	20	1.3
24	11	722	386	1,030	410	536	62	51	1,360	267	20	1.1
25	9.8	579	700	845	359	443	56	48	874	460	20	1.0
26	8.8	473	800	771	318	545	54	98	948	793	10	1.0
27	8.1	390	650	862	267	532	51	308	918	613	9.5	.90
28	7.7	336	550	722	241	447	555	538	658	418	6.9	3.1
29	7.2	359	800	618	-----	301	10,900	454	638	760	6.0	4.3
30	7.2	326	1,000	710	-----	284	11,500	287	897	788	6.2	3.1
31	7.4	-----	750	994	-----	277	-----	198	-----	653	6.4	-----
TOTAL	2,735.0	19,417.4	10,036	23,982	17,689	36,892	27,345	14,289	9,982	12,581	2,042.0	87.60
MEAN	88.2	647	324	774	632	1,190	912	461	333	406	65.9	2.92
MAX	865	2,370	1,000	2,800	2,450	6,430	11,500	3,180	1,360	1,010	460	9.0
MIN	6.8	8.1	100	250	198	277	51	48	16	67	6.0	.90
CFSM	4.95	3.36	1.67	3.99	3.26	6.13	4.70	2.38	1.72	2.09	.36	.02
IN.	.52	3.72	1.92	4.60	3.39	7.07	5.24	2.74	1.91	2.41	.39	.02

CAL YR 1962: TOTAL 182,875.50 MEAN 501 MAX 12,000 MIN .80 CFSM 2.38 IN 35.06

WAT YR 1963: TOTAL 177,078.00 MEAN 485 MAX 11,500 MIN .90 CFSM 2.50 IN 35.95

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.2	1.5	44	608	1,070	1,240	2,250	177	82	14	9.0	1.4
2	2.0	1.6	33	608	868	1,030	1,420	151	157	12	7.7	1.3
3	4.3	1.6	28	522	705	839	1,060	128	308	12	6.3	1.2
4	4.4	2.2	31	598	700	851	1,114	114	235	174	5.5	1.0
5	5.0	2.2	35	590	510	579	727	105	195	202	4.9	1.0
6	7.0	2.2	39	2,170	469	482	1,230	96	145	848	6.2	.90
7	8.1	2.2	48	2,030	390	414	1,600	85	252	794	7.0	1.0
8	6.0	2.2	51	1,340	359	359	1,240	550	359	34	1.0	1.0
9	4.9	2.2	48	1,030	374	672	994	66	326	217	19	1.0
10	4.5	2.3	171	827	329	1,010	810	60	182	143	12	.80
11	6.5	2.4	1,850	674	284	1,820	7,410	58	130	97	8.5	.80
12	5.0	2.3	12,300	574	257	1,510	7,510	50	123	72	6.5	.80
13	3.9	2.4	4,340	500	238	1,140	2,920	43	187	56	5.8	.80
14	3.5	2.7	2,060	435	229	905	1,930	35	168	43	8.5	128
15	2.9	3.0	1,420	648	198	749	1,560	30	117	34	6.3	68
16	2.7	6.5	1,340	810	260	613	1,240	29	85	112	4.7	56
17	2.6	53	4,840	700	260	495	1,010	26	64	67	4.0	130
18	2.4	52	12,700	598	229	418	839	19	47	40	3.6	56
19	2.0	33	3,280	749	277	367	674	17	51	28	3.2	32
20	1.8	26	1,860	816	277	326	532	14	76	22	2.8	21
21	1.7	22	1,360	743	394	719	426	15	51	17	2.6	15
22	2.0	17	1,040	674	2,280	782	351	13	38	15	8.5	11
23	2.6	20	893	1,070	2,070	638	308	11	32	14	5.6	9.5
24	2.4	96	732	1,360	2,580	513	301	9.5	23	11	3.9	7.9
25	2.1	116	598	2,970	1,830	630	260	8.3	22	11	2.9	6.7
26	1.8	85	504	4,560	1,540	1,700	264	7.4	17	10	2.5	6.5
27	1.6	65	564	12,000	1,240	1,240	220	6.3	15	8.8	2.2	9.8
28	1.6	55	893	6,170	1,170	956	192	5.6	38	8.1	1.8	10
29	1.5	45	776	2,940	-----	760	200	6.1	28	9.2	1.6	9.0
30	1.4	39	648	1,890	-----	613	205	211	18	8.5	1.5	8.1
31	1.4	-----	569	1,360	-----	2,300	-----	158	-----	9.8	1.4	-----
TOTAL	101.9	763.3	55,095	52,493	21,283	26,519	40,534	1,830.2	3,762	3,468.4	200.0	597.50
MEAN	3.29	25.4	1,777	1,693	760	855	1,351	59.0	125	112	6.45	19.9
MAX	8.1	116	12,700	12,000	2,580	2,300	7,510	211	550	848	34	130
MIN	1.4	1.5	28	435	198	326	192	5.6	15	8.1	1.4	.80
CFSM	.02	.13	9.16	8.73	3.82	4.41	6.26	.30	.65	.58	.03	.10
IN.	.02	.15	10.6	10.1	4.08	5.08	7.77	.35	.72	.66	.04	.11

CAL YR 1961: TOTAL 200,768.2 MEAN 556 MAX 12,700 MIN 1.4 CFSM 2.84 IN 38.47

WAT YR 1962: TOTAL 206,647.30 MEAN 560 MAX 12,700 MIN .80 CFSM 2.92 IN 39.61

2-3992 Little River near Blue Pond, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.7	1.4	97	329	558	479	603	799	21	6.6	127	14
2	4.0	1.4	68	284	450	1,190	498	3,270	20	5.8	85	13
3	2.8	1.4	52	324	378	2,660	409	6,900	22	7.5	63	18
4	2.6	1.3	45	800	322	1,690	582	2,390	22	8.2	55	17
5	2.4	1.5	38	1,030	346	2,200	818	1,490	20	10	50	17
6	2.1	1.5	31	1,010	1,210	1,520	3,000	1,070	15	14	39	16
7	1.9	1.4	28	1,620	1,110	1,170	4,300	799	20	16	32	27
8	1.7	1.5	29	1,380	849	1,030	3,520	586	35	17	26	17
9	1.5	2.5	33	3,110	662	872	1,870	441	45	24	21	14
10	1.3	2.7	35	2,350	532	1,110	1,920	364	35	64	18	13
11	1.2	2.4	535	1,550	446	979	1,010	278	24	65	21	13
12	1.0	2.3	2,650	1,190	359	798	1,040	223	19	143	33	13
13	1.0	2.1	1,420	981	467	624	4,800	185	16	500	28	14
14	1.0	2.1	1,180	776	908	2,320	3,660	148	13	212	20	13
15	.90	2.1	918	643	1,190	10,100	1,920	126	12	140	19	12
16	.80	2.0	669	555	1,970	3,080	1,330	105	14	179	33	12
17	.80	1.9	504	491	1,290	1,800	1,010	88	12	123	151	12
18	.80	1.9	414	435	1,650	1,270	801	76	12	86	125	12
19	.80	1.8	326	374	1,580	993	613	67	10	68	81	12
20	.70	1.7	270	447	1,160	936	487	58	8.9	135	62	12
21	.70	1.7	229	569	915	894	375	50	7.8	253	48	12
22	.60	1.7	197	500	742	794	295	44	6.8	185	38	12
23	.60	2.0	248	443	566	660	268	39	6.1	269	79	12
24	.60	2.0	251	1,430	488	538	479	35	6.4	265	70	11
25	.50	3.2	226	7,840	515	5,930	942	31	6.0	161	52	11
26	.80	3.2	287	2,690	608	9,730	1,210	27	10	113	41	11
27	1.4	2.4	355	1,520	531	2,820	2,280	23	12	86	34	10
28	1.4	3.3	394	1,080	535	1,730	1,970	22	9.6	69	26	11
29	1.2	130	359	823	528	1,230	1,460	19	8.2	56	22	14
30	1.2	128	308	657	-----	945	1,060	18	6.8	52	18	17
31	1.1	-----	280	567	-----	758	-----	22	-----	98	16	-----
TOTAL	43.10	314.4	12,476	37,798	22,885	62,850	43,930	19,793	475.6	3,431.1	1,533	412
MEAN	1.39	10.5	392	1,211	789	2,027	1,444	638	14.9	111	46.5	13.7
MAX	4.0	130	2,650	7,840	1,970	10,100	4,800	6,900	45	500	151	27
MIN	.50	1.3	28	284	322	479	268	18	6.0	5.8	16	10
CFSM	.007	.05	2.07	6.29	4.07	10.5	7.55	3.29	.08	.57	.25	.07
IN.	.008	.06	2.39	7.25	4.39	12.0	8.42	3.79	.09	.66	.29	.08

CAL YR 1963: TOTAL 157,723.10 MEAN 432 MAX 11,500 MIN .50 CFSM 2.23 IN 30.24
 WAT YR 1964: TOTAL 205,941.20 MEAN 563 MAX 10,100 MIN .50 CFSM 2.90 IN 39.48

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	19	21	305	279	302	378	1,340	328	12	30	29	7.1
2	17	20	253	273	344	2,290	1,050	253	11	26	21	6.5
3	14	19	219	700	315	1,660	873	195	10	25	17	5.2
4	19	19	1,680	618	294	2,100	1,810	160	10	106	14	4.9
5	55	19	1,540	514	272	1,690	1,960	138	15	126	12	4.9
6	58	17	993	431	694	1,200	1,570	120	22	134	10	5.1
7	40	16	717	359	1,950	1,000	1,210	93	31	105	8.8	4.4
8	30	17	538	304	1,360	908	968	77	250	128	8.8	4.0
9	24	18	419	264	1,100	810	785	77	137	77	31	3.4
10	20	19	324	912	1,390	690	605	64	79	61	41	3.4
11	17	19	339	1,520	2,770	572	492	58	69	75	25	3.3
12	16	18	1,400	1,060	3,320	958	951	67	144	65	19	11
13	15	18	1,340	830	1,960	1,020	724	64	268	52	15	17
14	14	17	951	646	1,410	849	536	52	1,510	42	12	13
15	18	17	705	511	1,050	662	461	64	2,070	36	11	12
16	231	17	542	466	856	536	609	66	1,170	44	9.5	11
17	199	16	459	438	768	678	472	53	709	32	8.3	9.0
18	114	16	614	340	635	1,120	385	43	471	25	8.0	9.3
19	81	24	532	301	506	816	461	29	285	20	10	9.3
20	63	117	595	244	406	646	581	53	194	16	9.5	7.5
21	54	183	701	278	348	519	451	83	144	13	8.8	6.2
22	50	133	625	266	288	438	357	61	109	12	11	5.6
23	42	108	530	266	252	386	278	46	87	11	9.5	5.8
24	35	101	453	630	299	2,880	231	38	74	9.7	9.8	6.2
25	31	2,000	770	610	625	3,000	217	30	67	15	8.0	6.0
26	28	1,300	809	523	511	8,570	284	25	58	25	8.8	5.4
27	25	760	667	450	462	3,340	750	21	45	15	9.0	5.1
28	24	582	531	355	406	1,950	799	19	39	31	8.8	4.8
29	23	520	438	275	-----	3,550	575	17	35	77	7.5	6.2
30	399	24	399	371	274	-----	3,190	435	15	32	64	10
31	22	-----	328	227	-----	1,900	-----	13	-----	43	7.1	-----
TOTAL	1,422	6,550	20,688	15,164	24,893	50,306	22,220	2,417	8,157	1,540.7	415.1	212.6
MEAN	45.9	218	667	489	889	1,623	741	78.0	272	49.7	13.4	7.09
MAX	231	2,000	1,680	1,520	3,320	8,570	1,960	328	2,070	134	41	17
MIN	14	16	219	227	252	378	717	13	10	9.7	6.9	3.3
CFSM	.24	1.13	3.44	2.52	4.58	8.36	3.82	.40	1.40	.26	.07	.04
IN.	.27	1.26	3.97	2.91	4.77	9.64	4.26	.46	1.56	.30	.08	.04

CAL YR 1964: TOTAL 221,767.7 MEAN 606 MAX 10,100 MIN 5.8 CFSM 3.12 IN 42.51
 WAT YR 1965: TOTAL 153,985.4 MEAN 422 MAX 8,570 MIN 3.3 CFSM 2.17 IN 26.52

2-3998 Little Terrapin Creek near Borden Springs, Ala

Location --Lat 33°54', long 85°28', in NE¼ sec 10, T 13 S, R 11 E, 35 ft downstream from right abutment of bridge on Cleburne County road 35, 0.5 mile above mouth, 1.2 miles south of Borden Springs, and 4.5 miles north of Oak Level

Drainage area --15.9 sq mi

Records available --October 1960 to September 1965

Gage --Graphic water-stage recorder

Average discharge --5 years, 25.5 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (700 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	0750	* 1,620	8.24	Feb 22, 1962	0500	1,280	7.12	Mar 15, 1964	1030	* 1,170	6.77
Feb 23, 1961	0500	1,560	7.41	July 6, 1962	1600	* 1,560	8.05	Mar 26, 1964	0500	942	6.00
Feb 25, 1961	0630	1,130	6.63	Jan 19, 1963	2100	906	5.87	Feb 12, 1965	0730	* 226	3.29
Dec 12, 1961	0200	1,540	8.00	Mar 12, 1963	-	* 1,820	8.86				
Dec 18, 1961	0500	914	5.90	Apr 29, 1963	1045	741	5.25				

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 29, 30, 1961	0.30	0.88	1964	Sept 27, 1964	1.5	-
1962	Oct 1, 1961	7.5	29	1965	July 22, Aug 19, Sept 1, 1965	1.5	-
1963	Sept 24, 1963	20	91				

a Minimum daily

1960-65 Maximum discharge, 1,820 cfs Mar 12, 1963 (gage height 8.86 ft), minimum daily, 0.20 cfs Sept 24, 1963

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
1	10	4.0	7.0	28	9.0	39	80	24	5.5	15	3.1	5.0	
2	9.0	3.5	6.0	19	8.5	32	47	24	5.5	13	5.9	3.1	
3	8.0	3.0	5.5	14	9.0	28	39	20	5.5	15	6.3	3.8	
4	7.0	2.6	4.5	12	9.0	26	33	19	4.5	15	3.1	3.1	
5	20	2.4	4.5	10	9.0	24	27	18	5.5	11	2.4	2.0	
6	30	2.5	4.3	9.0	9.0	40	25	17	6.5	9.5	3.6	3.0	
7	20	2.4	4.3	8.0	16	233	23	16	6.5	9.0	5.0	4.5	
8	14	2.2	4.0	7.5	29	187	22	14	5.0	10	4.5	3.1	
9	2.0	2.4	4.0	6.5	24	87	36	21	5.5	8.5	4.0	2.2	
10	6.5	10	3.8	6.5	18	52	33	15	6.0	7.5	4.0	1.8	
11	5.5	7.0	18	5.0	15	39	28	22	4.3	9.0	4.3	1.7	
12	4.3	4.3	17	5.0	13	33	264	17	5.0	19	3.6	1.5	
13	4.2	4.0	11	5.0	12	39	89	14	4.3	29	3.1	1.4	
14	4.1	3.4	9.0	8.5	12	32	51	12	5.2	21	2.4	2.4	
15	4.0	3.4	8.5	9.0	11	28	42	11	23	15	2.4	3.1	
16	4.0	3.4	7.5	9.0	11	26	35	10	14	15	2.9	1.8	
17	4.0	3.4	6.5	8.0	10	23	29	9.5	9.5	16	2.1	1.7	
18	4.0	3.4	6.0	7.5	37	34	27	12	8.0	20	1.7	1.6	
19	4.0	3.4	5.0	15	77	32	24	13	6.0	15	1.5	1.2	
20	4.0	3.1	5.5	24	157	28	22	10	9.0	12	1.2	1.6	
21	3.8	3.1	25	17	1,030	37	20	9.0	164	10	1.4	1.4	
22	3.5	3.1	16	14	361	33	19	11	36	9.0	2.0	1.0	
23	3.2	14	12	12	600	30	19	14	73	8.0	1.8	.90	
24	2.9	12	10	11	162	26	18	11	78	8.0	2.7	.80	
25	2.7	7.5	8.5	9.5	654	24	17	12	32	7.0	2.7	.60	
26	2.5	6.0	7.5	9.5	120	22	19	14	205	5.0	2.7	.60	
27	2.4	5.5	6.5	11	67	20	86	11	89	4.3	2.7	.40	
28	2.3	4.5	6.0	10	51	21	38	9.0	38	4.3	2.2	.40	
29	2.1	10	6.0	9.5	-----	20	26	8.0	24	4.0	1.6	.40	
30	2.1	9.0	6.5	9.0	-----	22	19	7.0	18	3.8	1.2	.30	
31	2.1	-----	9.4	9.0	-----	178	-----	6.0	-----	3.4	3.5	-----	
TOTAL	205.2	148.5	255.3	338.0	3,540.5	1,495	1,257	430.5	901.3	351.3	91.6	56.40	
MEAN	6.62	4.95	8.24	10.9	126	48.2	41.9	13.9	30.0	11.3	2.95	1.88	
MAX	30	14	25	28	1,030	233	264	24	205	29	6.3	5.0	
MIN	2.1	2.2	3.8	5.0	8.5	20	17	6.0	4.3	3.4	1.2	.30	
CFSM	.42	.31	.52	.69	7.95	3.03	2.64	.87	1.89	.71	.19	.12	
IN.	.48	.35	.60	.79	8.28	3.50	2.94	1.01	2.11	.82	.21	.13	
CAL YR 1960: TOTAL													
WAT YR 1961: TOTAL 9,070.60													
				MEAN	24.9	MAX	1,030	MIN	.30	CFSM	1.56	IN	21.22

2-3998 Little Terrapin Creek near Borden Springs, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.30	1.6	2.9	27	36	38	66	25	9.0	3.8	4.2	.50
2	.60	1.7	2.9	25	32	36	42	23	7.0	3.0	2.7	.50
3	24	2.0	2.9	22	29	33	34	20	9.2	3.8	2.7	.50
4	3.8	5.2	2.9	19	28	32	30	19	31	25	2.4	3.0
5	2.1	6.0	3.8	21	28	31	30	18	16	24	2.0	3.3
6	1.7	2.7	11	179	24	29	41	17	19	644	1.8	1.5
7	1.5	2.1	9.5	66	22	27	39	16	18	118	2.7	1.1
8	1.4	1.8	5.5	42	22	27	35	15	12	42	22	1.8
9	1.2	1.8	4.5	31	22	35	31	14	9.0	25	7.0	1.8
10	1.2	1.8	111	25	20	67	28	13	10	17	3.8	2.5
11	1.1	1.8	218	22	19	98	183	12	9.0	13	2.7	3.4
12	1.0	2.1	961	19	18	65	357	12	34	13	2.4	2.9
13	1.0	2.1	129	17	18	46	106	11	23	15	2.4	7.5
14	.90	2.1	46	17	17	38	65	9.7	16	11	8.2	5.8
15	.80	2.7	36	30	17	35	52	9.0	10	9.7	3.4	3.4
16	.80	11	42	29	46	32	44	8.2	7.6	9.7	2.4	2.7
17	.90	7.8	234	23	31	29	38	7.6	5.8	7.6	2.2	9.7
18	1.0	3.4	486	20	28	27	36	7.0	4.7	5.8	4.1	3.4
19	1.0	2.7	84	90	37	26	34	6.4	4.2	4.7	6.3	2.0
20	1.0	2.4	42	60	31	25	31	5.8	4.7	4.7	2.7	1.8
21	1.4	2.2	30	36	59	40	29	6.4	5.2	3.4	2.2	1.5
22	1.7	2.2	23	31	812	30	28	9.0	3.4	2.7	2.7	1.5
23	1.5	30	22	62	168	27	27	6.4	3.0	2.2	2.2	1.5
24	1.5	14	17	57	260	25	26	5.8	4.7	2.0	2.2	1.5
25	1.5	7.0	15	44	101	41	37	5.8	3.4	3.8	1.6	1.4
26	1.4	4.5	13	37	65	53	30	4.2	2.4	4.2	1.3	1.6
27	1.4	4.3	21	86	52	37	26	3.8	2.9	2.7	1.1	2.7
28	1.8	4.0	33	130	45	33	25	3.0	28	7.9	1.0	1.6
29	1.8	3.6	22	72	-----	29	37	5.8	12	12	.80	1.5
30	1.4	3.1	17	51	-----	27	29	29	5.8	8.2	.60	1.4
31	1.5	-----	17	41	-----	104	-----	12	-----	6.4	.60	-----
TOTAL	64.20	139.7	2,664.9	1,429	2,087	1,222	1,616	359.9	330.0	1,055.3	104.40	75.30
MEAN	2.07	4.66	86.0	46.1	74.5	39.4	53.9	11.6	11.0	34.0	3.37	2.51
MAX	24	30	961	179	812	104	357	29	34	644	22	9.7
MIN	.30	1.6	2.9	17	17	25	25	3.0	2.4	2.0	.60	.50
CFSM	.13	.29	5.41	2.90	4.69	2.48	3.39	.73	.69	2.14	.21	.16
IN.	.15	.33	6.23	3.34	4.88	2.86	3.78	.84	.77	2.47	.24	.18

CAL YR 1961: TOTAL 11,330.40 MEAN 31.0 MAX 1,030 MIN .30 CFSM 1.93 IN 26.50
 MAY YR 1962: TOTAL 11,147.70 MEAN 30.5 MAX 961 MIN .30 CFSM 1.92 IN 26.07

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.3	3.8	9.7	24	37	57	20	53	6.4	23	5.4	.90
2	10	3.0	9.0	21	72	42		36	6.0	15	5.4	.80
3	22	3.0	8.2	18	262	30		28	5.4	16	4.0	1.0
4	5.8	3.0	7.6	16	76	16		23	5.4	12	3.6	1.0
5	2.7	2.7	9.0	16	51	16		20	5.0	11	3.0	1.0
6	2.2	2.7	9.7	14	39	100	22	19	4.5	10	2.6	1.0
7	2.7	2.7	8.2	13	34			16	4.2	15	2.2	1.90
8	6.4	18	9.7	13	28			14	4.0	11	2.2	1.0
9	4.2	66	8.0	12	28			12	4.2	11	2.1	1.0
10	2.7	31	6.5	12	23			12	3.8	8.7	1.7	.80
11	2.7	17	5.2	69	22	300	15	11	3.4	7.3	1.7	.80
12	2.4	21	3.8	114	25		14	10	3.4	7.8	1.6	.70
13	2.2	24	3.4	51	20		14	11	3.2	8.3	5.0	.70
14	2.0	16	3.8	36	19		14	16	2.8	11	9.8	.90
15	1.8	12	4.2	29	18		12	12	2.4	12	3.4	1.6
16	1.8	10	5.8	23	16	55	12	9.7	6.5	15	2.8	2.7
17	4.7	10	5.8	21	16		12	9.7	21	35	4.8	1.8
18	2.0	36	5.2	42	16		12	12	9.2	34	4.4	1.1
19	1.8	24	4.7	362	49		14	9.2	8.3	22	3.0	1.1
20	1.6	25	4.7	284	32		14	8.7	9.8		11	.90
21	1.8	94	5.8	88	25	30	13	8.7	22		10	.60
22	3.8	54	25	51	20		12	7.3	63		4.2	.60
23	2.2	25	16	41	18		10	6.8	31		3.2	.50
24	1.8	18	14	29	19		12	6.8	17		2.6	.40
25	1.8	15	88	25	17		14	6.4	12		2.2	.70
26	1.8	12	55	25	16	28	12	19	51	8.0	2.0	1.0
27	1.8	11	33	25	13		14	18	34		2.0	1.2
28	1.8	9.7	25	20	13		154	16	25		2.1	47
29	2.2	14	44	18	-----		483	12	27		1.8	22
30	2.2	12	42	38	-----		122	9.2	27		1.5	6.8
31	3.8	-----	30	43	-----	-----	-----	7.8	-----	-----	1.2	-----
TOTAL	110.0	595.6	510.0	1,593	1,023	2,922	1,189	460.3	427.9	465.1	112.6	102.50
MEAN	3.55	19.9	16.5	51.4	36.5	94.3	39.6	14.8	14.3	15.0	3.63	3.42
MAX	22	94	88	362	262	483	53	63	63	35	11	47
MIN	1.6	2.7	3.4	12	13	-	10	6.4	2.4	7.3	1.2	.40
CFSM	.22	1.25	1.03	3.23	2.30	5.93	2.49	.93	.90	.94	.23	.21
IN.	.26	1.39	1.19	3.73	2.39	6.83	2.78	1.08	1.00	1.09	.26	.24

CAL YR 1962: TOTAL 9,494.50 MEAN 26.0 MAX 812 MIN .50 CFSM 1.64 IN 22.21
 MAY YR 1963: TOTAL 9,511.00 MEAN 26.1 MAX 483 MIN .40 CFSM 1.64 IN 22.55

Note --No gage-height record Mar 4 to Apr 10

2-3998 Little Terrapin Creek near Borden Springs, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.2	2.0	12	19	28	20	35	42	14	4.2	7.4	1.7
2	2.2	7.4	8.3	14	22	195	32	188	12	11	4.0	1.6
3	2.2	4.2	12	23	20	126	30	227	11	11	3.4	1.6
4	2.2	2.8	8.7	54	18	71	29	86	9.2	6.8	6.2	1.6
5	2.1	2.8	7.3	52	19	104	26	61	8.7	4.8	16	1.6
6	1.8	2.4	6.0	45	29	53	311	49	9.7	3.8	6.8	1.7
7	1.7	2.4	5.7	50	24	45	144	42	11	3.8	4.5	3.2
8	1.7	2.6	6.4	36	21	45	95	38	8.7	5.8	3.6	2.2
9	1.7	2.4	7.3	309	18	38	64	35	6.8	8.0	3.2	2.0
10	1.7	2.4	6.0	67	16	52	51	33	6.0	15	4.2	2.2
11	1.7	2.6	53	36	16	38	44	31	5.7	12	5.4	3.0
12	1.7	2.2	78	33	18	31	40	35	5.7	10	5.7	11
13	1.7	2.0	36	25	22	27	179	30	17	35	4.0	6.8
14	1.8	2.0	58	18	38	93	121	27	8.3	15	3.0	4.8
15	2.1	2.0	36	15	48	777	70	25	5.7	8.0	3.4	4.2
16	2.0	2.4	22	14	83	134	54	22	5.0	6.0	10	3.6
17	2.0	2.4	17	14	46	73	47	21	5.0	4.5	11	3.2
18	2.0	2.4	14	12	118	53	41	20	4.5	4.0	5.0	3.0
19	2.1	2.4	11	11	76	45	38	18	4.0	4.0	3.6	2.6
20	2.6	2.8	11	20	46	43	35	18	3.6	20	3.0	2.4
21	2.0	2.8	10	16	34	45	32	17	3.4	12	3.1	2.2
22	2.0	2.8	8.7	14	28	34	30	16	3.0	6.4	12	2.2
23	2.0	3.8	11	12	24	31	32	16	3.0	5.4	13	2.1
24	2.0	3.8	11	202	21	28	42	18	3.4	4.5	11	1.8
25	2.0	3.2	9.7	335	33	270	60	15	5.4	4.0	4.5	1.7
26	2.0	2.8	9.2	74	32	555	52	12	20	4.0	3.4	1.6
27	2.4	2.8	9.7	44	27	107	127	12	9.7	3.2	3.0	1.5
28	2.1	3.8	8.3	32	25	68	77	12	5.7	2.8	2.6	1.6
29	1.8	8.5	7.8	25	20	52	85	12	4.5	2.6	2.2	3.5
30	2.0	24	7.3	22	-----	42	53	12	3.6	2.4	2.8	6.0
31	1.7	-----	7.3	25	-----	38	-----	12	-----	7.7	1.8	-----
TOTAL	61.2	189.4	515.7	1,668	970	3,333	2,076	1,202	223.3	247.7	172.8	88.2
MEAN	1.97	6.31	16.6	53.7	33.2	108	69.8	38.8	7.44	7.99	5.87	2.94
MAX	2.6	8.5	78	355	118	777	311	227	20	35	16	11
MIN	1.7	2.0	5.7	11	16	20	26	12	3.0	2.4	1.8	1.5
CFSM	.12	.40	1.05	3.38	2.10	6.76	4.35	2.44	.47	.50	.35	.18
IN.	.14	.44	1.21	3.90	2.27	7.80	4.86	2.81	.52	.58	.40	.21

CAL YR 1963: TOTAL 9,941.70 MEAN 39.4 MAX 777 MIN 1.30 CFM 1.58 IN 23.72

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.5	5.5	7.8	11	21	26	26	20	4.0	3.4	1.6	.50
2	3.2	4.2	7.3	12	42	52	23	19	4.0	3.0	1.5	5.9
3	3.0	3.8	7.6	17	28	46	27	16	4.0	3.6	1.2	7.4
4	5.0	5.9	86	11	72	70	15	13	4.8	4.8	.90	2.2
5	20	4.0	38	11	19	57	109	14	28	3.6	.80	1.5
6	6.0	3.4	20	10	28	45	72	14	11	3.0	.80	1.4
7	4.5	3.7	14	8.7	77	38	49	12	27	2.8	.70	1.1
8	3.5	3.4	11	8.7	34	38	12	25	3.0	.60	1.0	1.0
9	3.3	3.4	7.8	8.3	34	30	33	12	24	2.4	.60	.80
10	3.2	3.4	7.8	16	50	27	30	11	10	2.7	6.6	.90
11	3.1	3.4	9.0	14	73	25	27	10	35	2.2	1.6	.80
12	3.1	3.2	71	11	151	76	54	10	22	2.0	1.1	1.8
13	3.0	3.2	39	10	74	60	38	10	14	2.0	1.0	3.2
14	3.0	3.2	22	9.2	47	42	30	9.2	11	2.0	1.1	1.7
15	40	3.4	15	9.2	36	36	32	8.7	11	2.1	.80	1.4
16	102	3.6	12	13	31	31	48	9.7	10	2.0	.90	1.4
17	20	3.6	12	10	44	32	34	6.8	8.7	1.4	.80	1.5
18	8.3	4.0	21	9.7	42	29	29	6.8	6.8	1.0	.60	1.7
19	5.7	4.2	15	9.2	34	24	34	6.8	5.0	.80	.50	2.0
20	4.5	7.7	24	9.2	30	22	31	8.3	4.8	.60	2.6	1.7
21	4.2	5.4	26	8.7	26	18	26	12	4.0	.60	1.6	1.2
22	4.0	4.0	20	8.3	23	18	24	8.7	3.8	.50	1.0	.90
23	3.8	3.8	17	48	20	18	22	8.3	3.6	.60	.70	2.9
24	3.8	8.4	14	57	33	30	21	11	3.8	.80	.70	8.1
25	3.8	109	39	30	50	33	29	18	4.5	.80	.80	2.2
26	3.8	24	32	23	35	55	25	9.2	7.9	.80	1.1	1.2
27	3.8	12	25	17	30	56	38	8.3	4.8	10	.80	1.2
28	4.2	14	20	14	26	38	32	8.3	4.8	9.9	1.2	1.2
29	4.2	12	16	13	-----	35	25	6.0	4.0	7.3	1.2	1.2
30	4.2	9.2	13	22	-----	34	22	6.0	3.8	3.6	.80	3.4
31	4.2	-----	12	18	-----	30	-----	4.8	-----	2.0	.60	-----
TOTAL	291.9	282.0	681.3	477.2	1,168	1,169	1,098	331.9	313.3	85.30	36.80	63.40
MEAN	9.42	9.40	22.0	15.4	41.7	37.7	36.6	10.7	10.4	2.75	1.19	2.11
MAX	102	109	86	57	151	76	109	20	35	10	6.6	8.1
MIN	3.0	3.2	7.3	8.3	19	18	21	4.8	3.6	.50	.50	.50
CFSM	.59	.59	1.38	.97	2.62	2.37	2.30	.67	.66	.17	.07	.13
IN.	.68	.66	1.59	1.12	2.73	2.73	2.57	.78	.73	.20	.09	.15

CAL YR 1964: TOTAL 11,236.2 MEAN 30.7 MAX 777 MIN 1.5 CFM 1.93 IN 26.28
CAL YR 1965: TOTAL 5,998.10 MEAN 16.4 MAX 151 MIN 1.50 CFM 1.03 IN 14.05

MOBILE RIVER BASIN

2-4000 Terrapin Creek near Piedmont, Ala

Location --Lat 33°57', long 85°34', in SE $\frac{1}{4}$ 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, 0.5 mile upstream from Ladiga Creek, and 3 miles northeast of Piedmont

Drainage area --115 sq mi

Records available --June 1944 to December 1954 Annual maximums January 1955 to September 1956
October 1956 to September 1963 (discontinued)

Gage --Water-stage recorder Datum of gage is 649 79 ft above mean sea level, datum of 1929 January 1955 to September 1956, crest-stage gage at present site and datum

Average discharge --17 years (1944-54, 1956-63), 163 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (4,000 cfs), water years 1961-63									
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time
Feb 21, 1961	1210	* 14,000	12 00	Dec 18, 1961	0800	7,400	10 25	Mar 6, 1963	0530
Feb 23, 1961	0730	7,200	10 21	Feb 22, 1962	0830	10,100	11 11	Mar 12, 1963	2330
Feb 25, 1961	1200	7,400	10 25	July 6, 1962	2200	4,500	8 59		
Dec 12, 1961	0530	* 10,900	11 32	Jan 19, 1963	2330	5,350	9 18		

Annual minimum daily discharge, water years 1961-63							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	9 8	0 93	1963	Sept 20-25, 1963	8 1	0 84
1962	Sept 2, 3, 4, 1962	7 1	81				

1944-63 Maximum discharge, 21,000 cfs Nov 28, 1948 (gage height, 13 3 ft); from rating curve extended above 10,400 cfs on basis of slope and conveyance studies
1944-54, 1956-63 Minimum discharge, 0 90 cfs Oct 18, 20, 1954

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	35	45	43	183	53	270	672	198	53	132	28	78
2	27	34	35	133	53	210	390	210	50	100	25	43
3	22	26	33	94	56	174	318	150	48	86	40	39
4	19	23	32	72	56	158	294	132	45	108	27	39
5	54	22	31	61	53	150	222	121	48	76	23	29
6	637	23	29	56	50	206	190	108	53	63	23	31
7	204	23	29	51	82	1,700	158	106	56	56	66	44
8	113	23	28	48	208	1,450	136	97	50	60	51	33
9	91	22	27	45	148	683	234	157	48	55	43	25
10	72	44	25	43	113	393	317	121	65	45	39	23
11	48	59	81	40	91	286	222	168	135	44	36	22
12	38	39	107	40	74	230	1,740	136	154	118	34	21
13	31	33	59	42	68	238	736	114	67	343	28	20
14	27	30	44	58	61	226	432	100	58	290	23	23
15	27	28	40	62	56	174	334	92	128	247	23	30
16	25	27	39	58	53	158	286	84	168	143	25	25
17	27	28	35	54	58	136	218	78	92	139	25	20
18	23	27	32	50	132	229	182	82	78	171	20	19
19	22	26	31	73	733	258	166	114	60	158	18	17
20	32	25	31	168	1,360	206	146	82	63	108	17	18
21	45	25	131	121	8,880	240	132	73	1,410	84	17	19
22	30	25	105	82	2,400	238	121	78	539	69	19	19
23	25	46	64	76	3,700	190	114	151	294	60	19	16
24	23	64	58	64	936	158	106	100	547	63	30	15
25	22	47	47	56	4,730	139	103	89	286	53	28	14
26	19	39	43	61	897	121	140	111	882	47	26	13
27	19	35	39	68	462	108	1,070	94	780	42	25	12
28	19	33	35	59	346	114	503	76	366	38	24	11
29	19	38	33	58	-----	111	287	69	246	40	21	11
30	19	51	38	54	-----	108	218	65	166	34	19	10
31	26	-----	43	54	-----	1,220	-----	58	-----	31	59	-----
TOTAL	1,840	1,010	1,447	2,184	25,909	10,282	10,187	3,414	7,037	3,103	901	739
MEAN	59.4	33.7	46.7	70.5	925	332	340	110	235	100	29.1	24.6
MAX	637	64	131	183	8,880	1,700	1,740	210	1,410	343	66	78
MIN	19	22	25	40	50	108	103	58	45	31	17	10
CFSM	.52	.29	.43	.61	8.05	2.88	2.98	.46	2.04	.87	.25	.21
IN.	.60	.33	.47	.71	8.38	3.33	3.29	1.10	2.28	1.00	.29	.24

CAL YR 1960: TOTAL 35,358.4 MEAN 96.6 MAX 1,540 MIN 3.8 CFSM .84 IN 11.43
WAT YR 1961: TOTAL 68,053 MEAN 186 MAX 8,880 MIN 10 CFSM 1.62 IN 22.01

2-4000 Terrapin Creek near Piedmont, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	10	18	25	238	282	285	600	161	67	41	33	7.8
2	11	18	25	238	238	251	355	152	59	33	28	7.4
3	118	19	25	190	202	232	275	133	65	46	26	7.1
4	80	27	25	154	186	219	235	123	227	198	25	7.1
5	23	60	28	143	178	206	232	120	174	383	74	7.4
6	16	40	52	1,460	158	187	338	112	120	1,720	22	9.4
7	15	30	76	634	132	177	372	109	180	1,100	23	10
8	13	25	43	350	132	168	310	103	130	313	125	9.7
9	13	24	38	292	146	224	261	98	77	181	58	13
10	13	23	902	226	125	321	222	95	63	115	31	14
11	12	23	947	174	108	970	912	95	71	84	24	22
12	12	25	8,450	154	103	588	2,730	88	274	71	23	19
13	12	25	1,440	128	100	936	84	216	65	23	21	21
14	12	27	470	136	100	302	502	77	126	57	24	21
15	11	28	366	240	92	261	383	73	82	51	22	21
16	11	51	380	262	305	229	310	71	63	125	21	20
17	11	72	1,720	214	222	200	275	70	56	57	18	51
18	11	40	4,600	174	182	184	251	68	49	47	17	40
19	11	32	7,73	696	327	177	232	63	43	41	17	21
20	11	29	416	560	266	174	209	60	43	35	21	15
21	11	27	282	366	457	325	190	57	50	32	17	12
22	12	26	214	290	7,130	241	181	63	43	31	16	11
23	13	185	178	656	1,590	209	177	63	36	27	17	11
24	13	110	139	607	1,840	187	171	59	35	26	15	11
25	13	43	108	446	750	254	193	54	41	31	14	10
26	13	35	94	366	498	393	209	50	33	38	12	11
27	13	30	126	750	390	271	177	46	42	35	12	14
28	13	328	1,130	341	163	219	207	201	34	9.7	14	14
29	13	27	230	667	-----	187	219	41	122	92	8.7	13
30	15	25	166	462	-----	168	187	139	53	51	8.4	12
31	16	-----	158	342	-----	709	-----	93	-----	41	7.8	-----
TOTAL	570	1,173	22,914	12,735	16,580	8,904	11,809	2,663	2,847	5,201	742.6	462.9
MEAN	18.4	39.1	739	411	522	287	394	85.9	94.9	168	24.0	15.4
MAX	118	185	8,450	1,460	7,130	970	2,730	161	274	1,720	125	51
MIN	10	18	25	128	92	168	165	41	33	26	7.8	7.1
CFSM	.16	.34	6.43	3.75	5.15	2.50	3.42	.75	.83	1.46	.21	.13
IN.	.18	.38	7.41	4.12	5.36	2.88	3.82	.86	.92	1.68	.74	.15
CAL YR 1961:	TOTAL 88,413 MEAN 242 MAX 8,880 MIN 10 CFSM 2.11 IN 28.59											
WAT YR 1962:	TOTAL 86,601.5 MEAN 237 MAX 8,450 MIN 7.1 CFSM 2.06 IN 28.01											

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	11	18	44	123	275	257	152	478	56	112	42	11
2	32	16	39	95	344	473	145	265	51	71	31	11
3	172	16	37	75	2,010	268	139	193	49	91	25	11
4	77	18	37	65	606	206	136	152	44	67	21	11
5	28	18	39	59	377	319	126	126	42	51	18	11
6	20	16	44	54	288	2,520	176	112	41	43	13	10
7	18	16	41	53	238	615	184	98	38	51	13	10
8	23	26	42	49	197	366	152	82	37	50	13	10
9	24	353	42	46	165	285	129	71	36	44	13	10
10	21	176	37	44	142	241	126	67	33	38	13	10
11	18	66	35	135	136	213	103	63	30	30	13	10
12	17	53	35	881	149	4,270	95	59	26	27	13	10
13	16	142	35	353	120	4,030	93	59	26	26	30	10
14	15	66	31	242	109	703	95	86	22	32	30	10
15	14	46	29	171	98	448	93	78	19	37	30	10
16	14	38	35	126	88	358	95	62	23	39	26	17
17	14	38	36	101	86	480	93	56	137	57	26	17
18	16	162	32	188	86	428	86	81	68	75	26	17
19	15	134	31	1,730	316	334	84	62	50	73	26	17
20	14	94	30	2,270	271	302	88	57	50	49	26	17
21	14	514	32	766	203	251	101	63	147	116	35	9.0
22	14	427	155	402	155	222	86	56	436	59	35	9.0
23	16	144	116	299	133	203	82	53	38	35	9.0	9.0
24	15	80	73	232	133	197	73	49	148	45	16	9.0
25	14	63	616	200	120	187	84	49	86	80	16	9.0
26	14	54	389	181	117	260	98	102	190	49	16	100
27	14	47	193	184	103	229	82	145	257	38	16	100
28	14	117	133	95	153	117	158	158	158	32	16	100
29	16	49	252	117	-----	181	1,080	171	136	26	16	100
30	16	51	306	198	-----	165	1,950	88	98	32	16	100
31	17	-----	187	320	-----	158	-----	62	-----	67	16	-----
TOTAL	744	2,985	3,167	9,892	7,160	19,362	6,176	3,262	2,925	1,645	681	785.0
MEAN	24.0	99.5	102	319	256	625	202	105	97.5	53.1	22.0	26.7
MAX	172	514	616	2,270	2,010	4,270	1,950	478	436	116	42	100
MIN	11	16	29	44	86	158	73	49	19	26	13	9.0
CFSM	.21	.87	.89	2.77	2.22	5.43	1.79	.92	.85	.46	.19	.23
IN.	.24	.97	1.02	3.20	2.32	6.26	2.00	1.05	.95	.53	.22	.25
CAL YR 1962:	TOTAL 68,840.5 MEAN 189 MAX 4,130 MIN 7.1 CFSM 1.64 IN 22.26											
WAT YR 1963:	TOTAL 58,784.0 MEAN 161 MAX 4,270 MIN 9.0 CFSM 1.40 IN 19.01											

Note --No gage-height record Aug 6 to Sept 30

2-4001 Terrapin Creek near Ellisville, Ala

Location --Lat 34°04', long 85°37', in SW $\frac{1}{4}$ sec 20, T 11 S, R 10 E, at downstream side of bridge on Alabama Highway 9, 0.2 mile southwest of Ellisville, 6 $\frac{1}{2}$ miles upstream from mouth, and 17 miles south southeast of Centre, Ala

Drainage area --258 sq mi

Records available --October 1962 to September 1965

Gage --Digital water-stage recorder Datum of gage is 539.07 ft above mean sea level, datum of 1929 Prior to July 20, 1964, graphic water-stage recorder at present site and datum

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (4,000 cfs), water years 1963-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Jan 20, 1963	0530	12,100	17.53	Jan 25, 1964	1400	7,340	15.61	Apr 6, 1964	2230	5,480	14.58
Feb 3, 1963	0830	4,560	13.81	Mar 3, 1964	0400	4,290	13.57	May 3, 1964	0500	4,590	13.90
Mar 13, 1963	0700	* 13,200	17.90	Mar 15, 1964	2100	* 11,500	17.35	Feb 12, 1965	1800	* 3,110	11.86
Apr 30, 1963	1000	6,640	15.15	Mar 26, 1964	1130	10,300	16.93				

Annual minimum discharge, water years 1963-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1963	Sept 25, 1963	88	4.65	1965	Sept 11, 29, 1965	80	4.58
1964	Oct 30, 31, 1963	95	4.70				

1962-65. Maximum discharge, 13,200 cfs Mar 13, 1963 (gage height 17.90 ft), minimum, 80 cfs Sept 11, 29, 1965

Remarks --Records excellent

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	100	104	183	364	695	438	359	1,620	280	298	195
2	400	104	170	313	700	873	337	830	260	268	166
3	2,060	104	165	275	3,250	585	321	623	250	268	155
4	353	104	160	248	1,830	485	305	508	230	262	146
5	175	102	161	228	1,070	858	290	443	220	211	141
6	141	101	166	222	825	4,110	337	403	210	193	133
7	141	101	165	207	682	1,580	388	345	200	195	131
8	138	110	165	203	577	945	318	292	190	199	128
9	131	905	165	189	498	742	298	262	180	191	125
10	122	449	155	183	456	634	285	244	180	179	125
11	118	240	148	264	424	558	275	235	170	172	124
12	116	187	144	1,430	430	2,670	260	222	170	163	122
13	114	238	133	840	397	8,320	246	213	161	158	122
14	110	207	136	607	361	1,560	237	226	155	161	128
15	110	166	138	475	334	1,020	230	242	150	165	143
16	110	151	141	394	310	820	226	215	150	168	131
17	110	150	144	350	298	955	215	209	232	185	127
18	110	230	139	446	288	907	210	272	185	237	135
19	110	324	135	2,520	722	716	205	217	177	237	128
20	110	198	135	9,110	596	674	211	197	195	195	128
21	100	486	136	2,320	485	562	222	230	237	237	131
22	100	1,080	226	1,260	409	495	213	199	409	226	139
23	100	430	278	970	367	459	201	190	674	181	125
24	100	310	211	734	364	437	195	180	350	166	120
25	100	260	547	581	353	421	189	180	260	195	118
26	102	226	776	529	334	530	205	179	323	170	114
27	102	205	440	415	310	658	203	179	540	160	114
28	104	191	334	475	295	488	274	288	379	156	118
29	104	193	456	421	-----	434	1,650	459	415	156	119
30	102	197	623	581	-----	400	4,650	324	298	161	118
31	106	-----	453	783	-----	379	-----	300	-----	242	114
TOTAL	5,999	7,853	7,528	28,137	17,460	34,713	13,555	10,528	7,830	6,135	4,063
MEAN	194	262	243	908	631	1,120	452	340	261	198	131
MAX	2,060	1,080	776	9,110	3,250	8,320	4,650	1,620	674	298	195
MIN	100	101	133	183	288	379	189	179	150	156	114
CFSM	.75	1.01	.94	3.52	2.44	4.34	1.75	1.32	1.01	.77	.51
IN.	.86	1.13	1.09	4.06	2.55	5.00	1.95	1.52	1.13	.88	.59
CAL YR 1962: TOTAL	147,483			MEAN 404	MAX 9,110	MIN 88	CFSM 1.57	IN 21.26			
WAT YR 1963: TOTAL											

2-4001 Terrapin Creek near Ellisville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	130	107	183	183	539	472	705	784	216	114	192	124
2	118	122	151	195	439	1,160	631	1,450	211	175	161	121
3	112	116	150	224	388	2,960	570	3,650	194	222	145	119
4	108	108	148	492	358	1,340	555	1,640	184	226	139	118
5	107	106	136	562	355	2,100	514	1,050	171	139	155	116
6	106	107	128	450	499	1,230	2,840	830	180	125	169	115
7	102	106	125	573	452	951	3,370	714	182	116	150	112
8	102	106	131	444	399	1,050	2,420	614	171	114	141	110
9	102	104	125	2,110	360	870	1,360	543	163	130	136	109
10	101	104	125	1,400	337	938	1,030	521	158	220	139	108
11	101	102	213	704	324	789	866	482	151	218	144	107
12	101	102	953	536	299	674	807	492	144	207	149	115
13	100	101	468	443	332	582	2,440	489	156	733	148	117
14	100	101	572	353	606	876	2,000	411	158	356	139	120
15	100	101	540	300	589	8,120	1,200	385	141	232	136	116
16	100	101	337	278	1,130	4,550	942	358	133	192	147	112
17	100	101	255	268	789	1,610	807	334	130	174	204	109
18	100	102	217	251	1,520	1,130	710	319	130	165	108	107
19	98	102	193	233	1,380	924	640	306	125	162	154	109
20	98	102	177	248	929	866	582	296	122	176	143	108
21	100	102	166	268	710	816	528	286	119	313	138	107
22	98	102	161	230	594	705	496	271	116	222	139	108
23	100	106	177	217	510	606	478	274	119	184	175	107
24	100	108	193	1,280	452	551	551	298	120	165	185	104
25	101	112	173	5,750	600	2,190	740	266	158	164	152	102
26	101	108	163	1,920	736	8,410	666	247	187	151	142	101
27	100	106	161	1,040	606	3,000	1,350	235	163	144	137	100
28	100	112	155	776	586	1,480	1,080	225	131	141	134	100
29	96	534	151	602	536	1,120	1,480	218	120	138	131	101
30	96	372	146	503	-----	915	1,040	220	114	137	128	111
31	96	-----	149	468	-----	798	-----	218	-----	153	127	-----
TOTAL	3,174	3,863	7,122	23,303	17,355	53,783	33,098	18,426	4,567	6,108	4,667	3,313
MEAN	102	129	230	752	598	1,735	1,103	594	152	197	151	110
MAX	130	534	953	5,750	1,520	8,410	3,370	3,650	216	733	204	124
MIN	96	101	125	163	299	472	478	218	114	174	127	100
CFSM	.40	.50	.89	2.32	6.72	4.28	2.30	.59	.76	.58	.43	.48
IN.	.46	.56	1.03	3.36	2.50	7.75	4.77	2.66	.66	.88	.67	.48

CAL YR 1963: TOTAL 140,562
MAY YR 1964: TOTAL 178,779MEAN 384
MEAN 488MAX 9,110
MAX 8,410MIN 88
MIN 96CFSM 1.49
CFSM 1.89IN 29.42
IN 29.42

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	159	123	153	225	281	368	494	276	149	167	123	88
2	139	123	148	218	522	631	452	261	145	164	116	87
3	119	123	145	285	473	797	437	246	142	143	113	89
4	140	122	469	276	389	1,150	1,030	234	145	138	108	105
5	291	122	524	241	340	1,070	1,960	224	235	145	107	99
6	217	122	306	227	329	820	2,140	217	218	156	110	93
7	143	124	214	234	649	1,070	1,100	211	397	153	111	89
8	127	121	201	206	823	588	804	205	596	145	107	87
9	120	121	184	198	588	513	668	201	267	138	105	84
10	117	120	175	243	688	461	565	196	244	133	112	83
11	115	120	178	346	1,570	415	500	191	455	128	139	81
12	113	120	531	270	2,550	942	1,030	190	430	125	116	725
13	113	120	579	241	1,810	1,150	793	188	306	122	108	111
14	113	120	369	221	1,020	764	592	182	240	121	104	91
15	134	120	284	207	729	619	521	181	214	123	103	89
16	773	120	242	229	583	524	659	174	209	122	101	88
17	404	121	222	240	707	489	485	172	197	120	99	86
18	213	122	282	208	778	507	427	170	186	115	101	88
19	163	124	281	202	640	421	437	170	175	110	102	103
20	147	128	295	197	536	376	441	173	165	108	111	88
21	139	132	404	193	470	344	374	269	159	105	106	85
22	134	129	348	188	417	323	342	188	154	103	97	83
23	132	122	303	247	374	316	320	177	149	103	94	83
24	129	138	273	728	376	458	307	172	148	104	93	82
25	127	646	350	471	685	648	434	181	155	103	94	92
26	126	382	415	369	531	852	376	192	163	108	105	91
27	125	224	381	312	442	1,180	495	171	193	137	94	86
28	125	183	327	268	396	768	399	169	153	145	98	82
29	124	185	289	247	-----	639	330	167	147	626	93	81
30	124	166	241	267	-----	654	298	158	163	197	92	86
31	124	-----	243	313	-----	554	-----	153	-----	143	91	-----
TOTAL	5,265	4,740	9,396	8,299	20,117	19,990	19,210	6,059	6,659	4,550	3,253	3,305
MEAN	170	158	303	268	718	645	640	195	222	147	105	110
MAX	773	646	579	728	2,550	1,180	2,140	276	596	624	139	725
MIN	113	120	145	188	281	316	298	153	142	103	91	81
CFSM	.66	.61	1.17	1.04	2.78	2.50	2.48	.76	.86	.57	.41	.43
IN.	.76	.68	1.35	1.20	2.90	2.88	2.77	.87	.96	.66	.47	.48

CAL YR 1964: TOTAL 184,021
MAY YR 1965: TOTAL 110,843MEAN 503
MEAN 304MAX 8,410
MAX 2,550MIN 100
MIN 81CFSM 1.95
CFSM 1.18IN 26.53
IN 15.98

2-4005 Coosa River at Gadsden, Ala

Location --Lat 34°01', long 86°00', in NE $\frac{1}{4}$ 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 1 5 miles upstream from Big Wills Creek

Drainage area --5,800 sq mi, approximately

Records available --October 1926 to September 1965 Gage-height records collected at same site since 1890 are contained in reports of U S Weather Bureau

Gage --Water-stage recorder Datum of gage is 485 97 ft above mean sea level, datum of 1929, Supplementary adjustment of 1936 Prior to Oct 1, 1926, staff or chain gage on Louisville & Nashville Railroad bridge 450 ft upstream at datum 1 15 ft higher Oct 1, 1926, to Mar 31, 1932, water-stage recorder, and Apr 1, 1932, to May 23, 1935, staff gage, at present site and datum

Average discharge --39 years, 9,289 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum			Minimum daily	
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)
1961	Feb 26, 1961	74,300	30 60	May 8, 1961	880	-0 15	May 8, 1961	1,730
1962	Dec 19, 1961	52,600	28 22	Sept 10, 1962	a 242	b - 06	Sept 10, 1962	300
1963	May 1, 1963	48,400	25 85	Aug 27, 1963	1,300		Sept 2, 1963	2,120
1964	Mar 29, 1964	52,700	26 01	Aug 30, 1964	1,000		Aug 30, 1964	1,910
1965	Mar 29, 1965	42,000	c 27 70	Sept 28, 1965	1,120	50	Aug 17, 1965	2,000

a Observed, result of local channel storage and storage in Weiss Reservoir

b Occurred Sept 8, 1962

c Occurred Mar 28, 1965

1926-65 Maximum discharge, 76,900 cfs Apr 11, 1936 (gage height, 31 13 ft), minimum observed, 242 cfs Sept 10, 1962, minimum daily, 300 cfs Sept 10, 1962

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)

Revisions --The figures of maximum discharge for some water years have been revised, as shown in the following table They supersede figures published in the water supply papers indicated

WSP	Water year	Date	Discharge (cfs)	Gage height (feet)
1002, 1304	1944	Apr 1, 1944	51,300	-
1082, 1304	1947	Jan 25, 1947	73,000	-
1112, 1304	1948	Feb 18, 1948	52,200	25 41
1142, 1304	1949	Dec 4, 1948	67,400	28 34
1234, 1724	1952	Dec 24, 1951	42,900	23 22
1334, 1724	1954	Jan 25, 1954	47,200	-
1554, 1724	1958	Nov 22, 1957	36,400	19 66

Remarks --Records good Since December 1949, flow regulated by Allatoona Reservoir on Etowah River, and since April 1961, by Weiss Reservoir on Coosa River Records of water temperature for water year 1965 are published in reports of the Geological Survey

Cooperation --Gage-height record at auxiliary gage 2 2 miles upstream furnished by Alabama Power Company

Revisions (water years) --WSP 682 Drainage area Revised figures of discharge, in cubic feet per second, for the water years 1944, 1947-49, 1951-52, 1954, 1958, superseding figures published in WSP 1002, 1082, 1112, 1142, 1204, 1234, 1304, 1334, 1554, and 1724, are given herewith

1944		1947-Con		1948-Con		1949-Con		1951-Con	
Mar 19	14,700	Jan 24	66,600	Nov 28	34,300	Jan 18	9,690	Dec 25	40,900
20	25,500	25	72,000	29	47,300	19	10,400	26	40,200
21	34,600	26	72,000	30	53,900	20	10,900	27	39,400
22	37,700	27	69,200	1	59,400	21	11,400	28	41,000
23	39,000	28	65,300	2	63,000	22	12,000	29	40,800
24	39,500	29	60,100	3	66,100			30	38,300
25	39,000	30	53,500	4	67,200			31	38,700
26	37,500	31	43,300	5	66,500	Mar 29	34,600		
27	35,000			6	64,400	30	51,000		
28	28,000			7	61,400	31	60,700	1952	
29	36,700	Feb 8	14,600	8	57,300	Apr 1	64,100	Mar 5	20,600
30	45,200	9	33,100	9	51,000	2	63,700	7	24,100
31	49,500	10	37,200	10	41,000	3	61,600	8	22,000
1	51,000	11	40,200	11	25,100	4	59,100	9	17,100
2	51,100	12	42,600	12	12,600	5	56,300	10	13,700
3	50,000	13	42,200	13	9,300	6	54,100	11	20,700
4	48,600	14	44,200	14	8,900	7	52,800	12	33,300
5	46,600	15	41,700			8	51,500	13	38,000
6	43,900	16	42,200			9	47,800	14	39,800
7	39,000	17	45,600	Jan 2	14,400	10	41,300	15	39,800
8	28,200	18	51,300	4	16,000	11	33,400	16	37,700
9	16,600	19	49,100	5	32,400	12	25,300	17	36,100
10	12,200	20	47,000	6	43,400	13	20,200	18	32,800
		21	42,400	7	52,100	Dec 15	19,200	19	26,100
		22	40,000	8	55,100	16	24,900	20	19,100
		23	37,900	9	53,900	17	27,400	24	33,600
		24	20,100	10	52,400	18	25,700	25	35,400
		25	31,400	11	50,600	19	23,400	26	36,700
		26	33,200	12	48,200	20	25,700	27	36,800
		27	45,900	13	45,600	21	33,400	28	35,700
		28	48,200	14	42,600	22	39,600	29	35,700
		29	56,700	15	34,300	23	42,500	30	33,700
		20	61,200	16	18,400	24	42,800	31	30,600
		27	23,200	17	10,800				

2-4005 Coosa River at Gadsden, Ala --Continued

Revisions --Continued

1954	1954-Con	1954-Con	1957-Con	1957-Con
Jan 16 23,300	Jan 23 45,200	Jan 30 35,800	Nov 18 18,600	Nov 25 32,800
17 37,600	24 46,700	31 28,700	19 26,800	26 32,200
18 45,700	25 47,100	20 31,900	20 31,900	27 30,500
19 45,900	26 46,600	1957 21 35,300	21 35,300	28 28,000
20 44,000	27 45,100	Nov 15 15,400	22 36,400	29 25,000
21 43,700	28 42,400	16 17,100	23 35,300	30 20,500
22 44,100	29 39,400	17 16,400	24 35,300	

Month	Cfs-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
March 1944	998,800	49,500	10,600	32,220	5 56	6 30
April 1944	773,200	51,100	11,500	25,770	4 44	4 96
Water year 1943-44	3,593,770	51,100	1,850	9,819	1 89	22 95
Calendar year 1944	3,573,220	51,100	1,640	9,763	1 68	22 61
January 1947	1,141,100	72,000	10,600	36,810	6 35	7 32
Water year 1946-47	3,514,640	72,000	1,480	9,081	1 57	21 25
Calendar year 1947	3,258,480	72,000	1,380	8,927	1 54	20 89
February 1948	809,770	51,300	8,400	27,920	4 81	5 19
Water year 1947-48	3,045,460	51,300	1,380	8,321	1 43	19 52
November 1948	516,490	55,900	2,000	17,220	2 97	3 31
December 1948	885,140	67,200	9,020	28,550	4 92	5 68
Calendar year 1948	4,146,540	67,200	1,900	11,330	1 95	26 58
January 1949	828,290	55,100	9,690	26,720	4 61	5 31
Water year 1948-49	5,028,140	67,200	1,900	15,780	2 38	32 24
Calendar year 1949	4,135,080	55,100	2,990	11,330	1 95	26 50
March 1951	530,180	60,700	5,620	17,100	-	-
April 1951	994,400	64,100	11,500	33,150	-	-
Water year 1950-51	3,265,010	64,100	1,780	8,945	-	-
December 1951	704,660	42,800	4,250	22,730	-	-
Calendar year 1951	3,833,920	64,100	1,780	10,500	-	-
March 1952	839,340	39,800	9,340	27,080	-	-
Water year 1951-52	3,811,100	42,800	2,000	10,690	-	-
Calendar year 1952	3,518,860	39,800	2,060	9,068	-	-
January 1954	759,790	47,100	4,780	24,510	-	-
Water year 1953-54	2,776,480	47,100	1,480	7,607	-	-
Calendar year 1954	2,630,620	47,100	1,460	7,207	-	-
November 1957	507,230	36,400	3,540	16,910	-	-
Calendar year 1957	3,950,630	47,300	1,800	10,820	-	-
Water year 1957-58	3,863,050	36,400	2,260	10,580	-	-

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8,860	3,000	5,350	11,200	5,160	69,500	10,800	11,800	4,450	8,120	4,870	4,050
2	7,390	3,330	5,390	12,000	5,520	65,500	7,410	9,120	4,710	7,140	5,010	3,680
3	5,290	3,930	5,510	11,600	5,980	60,100	5,320	9,650	4,510	5,940	5,980	3,690
4	3,930	4,090	5,340	10,600	5,990	53,700	4,360	11,400	4,910	5,560	5,270	3,300
5	4,650	3,920	4,360	10,100	5,720	47,400	5,670	12,400	4,540	5,360	4,680	3,160
6	8,480	3,640	3,460	9,180	5,100	34,600	7,360	12,200	4,690	5,960	4,250	3,140
7	11,100	3,220	4,060	8,120	5,040	20,900	10,300	8,050	5,130	7,130	4,350	3,140
8	11,100	2,700	4,940	7,380	7,670	23,800	12,400	1,730	4,510	7,480	4,320	3,280
9	11,000	3,280	5,010	6,070	10,600	32,900	11,600	5,990	5,260	6,440	4,730	3,260
10	11,000	4,350	4,990	4,950	11,700	35,500	11,100	6,710	5,490	5,620	5,000	3,040
11	9,410	4,640	6,800	5,010	11,400	37,900	10,800	8,040	5,130	6,000	5,180	3,090
12	7,800	4,800	8,600	4,960	9,970	33,200	17,700	7,320	5,670	5,180	4,470	3,100
13	6,500	4,830	10,400	5,050	7,770	30,300	23,600	6,690	7,500	9,380	4,180	3,080
14	5,650	4,010	11,000	5,610	6,570	28,700	29,700	7,130	7,850	12,100	3,940	3,060
15	5,160	3,100	10,500	4,380	6,200	24,900	30,500	7,000	7,340	9,650	3,830	3,060
16	4,870	3,260	8,380	6,510	6,060	23,600	20,300	5,300	7,350	8,880	3,580	3,080
17	4,130	3,630	7,100	6,160	5,810	21,000	6,190	5,490	10,100	6,500	3,570	3,020
18	3,340	3,950	6,270	6,270	5,900	20,700	5,200	7,200	10,200	6,790	3,600	2,920
19	3,950	3,910	5,250	6,570	8,460	20,800	7,470	7,030	6,970	7,490	3,830	2,990
20	5,010	3,670	4,430	7,110	13,500	20,400	8,030	5,250	6,040	8,570	3,780	3,080
21	5,520	3,340	8,010	7,450	27,200	20,200	8,100	6,000	9,120	8,240	3,390	3,220
22	5,720	2,630	11,700	7,290	46,000	21,200	8,780	5,740	10,000	7,740	3,110	3,390
23	5,750	3,580	11,600	6,680	58,700	21,000	7,460	7,570	16,500	6,090	3,140	4,840
24	4,840	4,910	10,400	5,940	65,900	19,600	7,200	8,450	19,700	5,390	3,180	3,280
25	3,850	5,520	9,060	6,070	70,400	18,300	8,440	7,740	21,600	4,130	3,150	3,040
26	4,010	5,940	6,660	6,510	73,600	17,300	11,300	6,730	23,500	5,910	3,110	3,170
27	4,750	4,270	5,380	6,790	74,100	16,500	13,900	4,100	24,500	7,440	3,920	3,060
28	4,860	5,000	4,870	6,780	72,500	15,200	15,000	4,700	23,000	6,690	3,540	3,100
29	4,820	4,160	6,020	6,860	-----	10,000	14,400	5,320	19,000	6,100	2,970	3,090
30	4,740	4,570	7,000	6,050	-----	8,700	13,800	6,620	13,000	5,310	2,790	3,020
31	3,940	-----	7,790	5,160	-----	13,700	-----	5,010	-----	4,910	3,140	-----
TOTAL	191,420	121,580	216,230	222,610	638,740	889,100	334,390	225,680	303,070	213,200	122,850	97,450
MEAN	6,175	4,053	6,973	7,181	22,610	28,680	11,810	7,280	10,100	6,880	3,963	3,241
MAX	11,100	6,270	11,700	12,000	74,100	69,500	30,500	12,400	24,500	12,100	5,580	4,840
MIN	3,340	2,630	3,460	4,950	5,040	8,700	4,560	1,730	4,450	4,130	2,790	2,920

CAL YR 1960: TOTAL 2,822,060 MEAN 7,711 MAX 31,400 MIN 1,240
 MAY 1961: TOTAL 3,596,410 MEAN 9,893 MAX 74,100 MIN 1,730

2-4005 Coosa River at Gadsden, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,960	2,560	3,340	26,900	46,500	27,700	19,600	6,180	4,470	2,990	3,050	2,920
2	3,000	2,800	2,560	27,100	41,500	27,500	19,400	8,040	4,690	4,110	4,320	2,820
3	3,180	2,800	2,070	26,900	36,500	27,300	19,300	11,600	4,370	4,950	2,460	3,720
4	3,100	2,620	2,180	26,400	33,000	27,000	18,900	6,320	6,880	6,110	1,450	1,780
5	3,700	2,620	2,240	25,400	29,000	20,600	15,600	11,000	7,700	4,730	1,800	1,450
6	3,730	2,600	3,730	22,900	27,200	14,800	15,500	9,360	6,930	6,870	2,180	1,820
7	3,540	2,620	7,860	23,200	26,300	14,400	17,800	7,220	6,550	22,500	2,550	1,710
8	3,160	2,610	6,400	26,900	23,900	13,500	13,800	5,360	8,020	21,900	4,660	947
9	3,060	2,600	2,640	27,500	17,700	14,600	10,500	5,940	7,990	12,400	6,220	600
10	3,020	2,620	2,600	22,800	13,100	16,700	8,660	6,380	6,500	5,920	4,950	300
11	2,850	2,680	8,390	19,600	12,100	26,500	17,400	8,450	4,010	5,640	3,950	2,500
12	2,740	2,290	29,100	18,400	9,860	39,900	34,500	8,820	5,700	5,030	3,350	4,510
13	2,800	2,250	39,600	16,800	8,900	26,800	45,000	6,310	5,630	5,100	2,650	5,000
14	2,680	2,380	46,400	11,000	7,060	27,300	46,500	3,950	7,180	4,470	2,650	4,800
15	2,750	2,450	47,900	11,500	7,300	26,100	45,000	3,760	6,520	3,620	4,270	9,500
16	2,740	2,490	45,500	8,190	8,200	18,700	44,900	4,120	8,550	4,120	4,610	7,500
17	2,740	2,480	45,300	14,500	8,820	15,200	43,000	4,970	5,320	4,930	4,230	4,000
18	2,980	2,560	46,000	10,600	7,780	14,600	40,500	4,810	3,770	5,090	4,120	2,500
19	2,980	2,440	50,400	19,900	5,760	13,200	35,700	4,310	3,300	5,040	3,850	5,800
20	2,750	2,440	52,000	20,800	5,500	11,200	29,700	3,240	3,590	4,930	3,240	5,900
21	2,740	2,440	50,000	19,500	9,930	10,500	21,600	3,340	4,390	4,600	2,420	4,950
22	2,730	2,520	47,100	19,300	24,200	9,720	17,400	3,720	4,260	4,020	2,800	4,570
23	2,760	2,500	45,600	11,300	32,900	13,100	13,900	3,580	4,680	3,360	2,980	3,540
24	2,740	2,620	43,100	14,000	34,800	9,320	10,600	4,760	3,560	4,020	3,660	2,400
25	2,780	3,750	41,500	15,100	33,100	17,200	10,000	4,680	3,220	6,740	3,020	2,660
26	2,930	5,980	40,200	20,700	30,700	16,200	14,500	4,150	3,280	6,930	3,060	3,260
27	2,860	5,810	38,700	26,000	29,100	17,800	16,400	3,120	3,300	5,490	2,640	3,380
28	2,790	5,420	36,000	33,000	28,200	17,500	10,800	3,980	4,210	1,800	1,770	3,300
29	2,780	4,280	30,200	35,900	-----	15,500	7,770	3,880	5,180	2,680	2,100	3,460
30	2,640	3,990	27,600	40,900	-----	8,230	5,570	4,980	3,830	2,220	3,020	3,240
31	2,560	-----	26,800	44,000	-----	15,300	-----	6,340	-----	2,350	3,720	-----
TOTAL	90,750	90,300	871,810	681,190	598,990	573,970	669,800	177,670	160,260	184,660	101,730	104,837
MEAN	2,927	3,010	28,120	21,970	21,370	18,520	22,330	5,731	5,362	5,957	3,282	3,495
MAX	3,730	5,980	52,000	44,000	46,500	39,900	46,500	11,600	9,520	22,500	6,220	9,500
MIN	2,560	2,250	2,070	8,190	5,500	8,230	5,570	3,120	3,220	1,800	1,450	300

CAL YR 1961: TOTAL 4,120,040 MEAN 11,290 MAX 74,100 MIN 1,730
 WAT YR 1962: TOTAL 4,305,967 MEAN 11,800 MAX 52,000 MIN 300

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,660	3,420	9,980	11,400	12,200	6,160	5,960	42,000	11,800	7,640	14,700	2,280
2	2,740	3,440	8,050	11,300	14,800	7,200	7,220	48,000	10,700	8,420	11,400	2,120
3	11,900	3,240	5,740	11,000	21,400	17,740	8,610	48,000	14,600	10,400	2,200	2,300
4	21,000	3,280	5,440	7,090	25,700	6,560	11,300	44,900	3,320	14,000	9,460	2,520
5	18,000	2,520	7,300	7,200	26,100	10,600	9,310	43,300	3,000	11,600	6,900	2,300
6	11,200	2,500	8,750	6,740	21,600	26,300	7,890	42,400	3,380	7,800	4,080	2,710
7	8,470	3,180	8,520	4,230	18,900	32,100	41,800	3,740	6,760	4,670	3,320	3,320
8	3,280	3,620	8,990	9,200	12,600	35,100	9,490	35,800	3,800	5,240	5,180	3,170
9	6,180	5,620	5,570	4,700	10,300	36,700	6,740	23,100	3,170	5,880	5,180	2,930
10	4,650	8,340	3,700	4,990	8,790	30,600	5,880	15,600	3,230	7,540	4,620	3,040
11	4,460	9,430	3,850	5,680	8,150	28,700	5,740	12,200	3,680	8,550	3,190	3,730
12	5,240	9,280	6,320	17,900	8,950	32,500	5,200	11,100	3,660	8,580	2,790	3,350
13	4,280	8,770	10,100	17,600	8,230	38,200	4,820	14,300	4,670	5,900	4,710	3,130
14	3,620	8,210	9,490	16,300	9,110	43,700	4,960	14,100	5,000	4,580	4,650	3,230
15	3,200	7,080	7,360	14,700	7,570	46,700	5,110	13,000	5,170	5,090	3,990	2,770
16	3,620	6,640	5,660	10,300	8,150	45,400	4,370	13,700	5,040	4,860	3,720	2,900
17	3,340	6,410	4,120	7,750	8,680	43,800	4,570	13,300	10,600	5,670	3,510	3,140
18	3,310	6,960	3,290	8,230	5,260	45,700	5,450	12,900	8,240	8,050	2,760	3,600
19	3,070	7,230	4,830	12,900	7,400	41,900	5,440	11,700	7,120	8,080	2,440	4,510
20	3,020	13,600	5,960	25,900	10,600	37,100	4,820	4,820	8,690	7,030	3,000	5,100
21	2,960	15,000	5,360	33,400	10,900	30,500	3,730	4,290	8,460	6,620	3,430	4,410
22	2,980	14,200	4,110	32,600	10,600	28,400	3,640	5,940	21,200	6,440	3,360	3,720
23	2,770	13,700	5,080	29,300	10,300	27,300	3,140	7,190	23,800	7,570	3,480	3,320
24	3,460	12,100	3,870	27,800	7,920	26,800	3,240	8,050	17,500	8,180	3,140	3,070
25	3,520	9,780	4,570	26,400	5,580	25,600	3,370	7,280	11,000	9,520	2,800	3,590
26	3,840	9,110	7,920	18,400	4,200	23,000	3,670	7,730	12,000	10,800	2,220	4,290
27	3,820	5,690	10,500	15,200	5,380	20,000	3,360	10,500	15,200	11,600	2,530	4,110
28	3,340	8,380	11,600	8,470	6,280	18,400	3,600	16,100	14,500	9,110	3,600	7,940
29	2,630	12,600	12,800	8,070	-----	19,000	13,100	8,120	14,100	4,670	2,660	16,400
30	2,640	10,600	15,100	10,400	-----	17,800	33,600	7,010	10,800	5,440	2,750	12,500
31	3,050	-----	14,700	14,000	-----	7,280	-----	8,740	-----	15,700	2,660	-----
TOTAL	164,050	233,930	229,930	433,410	313,650	848,040	208,030	594,970	263,410	251,520	143,960	124,920
MEAN	5,292	7,798	7,417	13,980	11,200	27,360	6,934	19,260	8,787	8,114	4,444	4,184
MAX	21,000	15,000	15,100	33,400	26,100	46,700	33,600	48,000	23,800	15,700	14,700	16,400
MIN	2,580	2,500	3,290	3,870	4,200	6,160	3,140	4,290	3,000	4,580	2,220	2,120

CAL YR 1962: TOTAL 3,881,017 MEAN 10,630 MAX 46,500 MIN 300
 WAT YR 1963: TOTAL 3,812,020 MEAN 10,440 MAX 48,000 MIN 2,120

MOBILE RIVER BASIN

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2-4005 Coosa River at Gadsden, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9,340	4,570	5,990	5,140	28,800	9,760	43,000	31,400	6,600	5,230	5,440	3,200
2	7,270	4,430	7,380	5,940	28,700	12,200	43,100	31,000	6,980	6,070	4,900	3,720
3	5,880	3,740	8,210	6,450	28,400	24,300	42,000	37,000	6,280	7,900	4,320	5,920
4	6,340	2,860	7,570	10,100	27,700	28,500	41,400	42,800	5,780	5,440	4,180	5,800
5	5,750	3,000	8,370	11,900	25,600	30,900	41,300	44,400	5,860	5,270	3,610	3,760
6	3,960	3,960	7,670	11,500	19,000	30,900	43,400	44,700	7,010	4,640	3,370	2,320
7	3,460	4,820	6,770	11,600	17,500	29,800	45,300	43,700	7,410	3,090	3,620	2,200
8	3,460	4,820	5,470	14,000	21,700	28,400	48,700	43,100	6,120	3,620	4,260	2,300
9	4,080	5,040	3,740	23,900	20,600	28,100	50,200	42,800	5,690	4,250	3,790	2,720
10	4,750	4,000	3,000	27,700	10,400	29,400	48,800	36,300	5,300	5,560	2,900	3,540
11	4,750	3,170	5,020	29,200	9,010	29,100	45,300	30,100	5,760	6,500	3,700	3,710
12	4,570	3,400	18,000	26,600	9,970	25,300	43,300	25,100	6,170	7,050	4,340	3,020
13	4,020	4,190	20,700	19,400	12,900	12,600	45,600	23,100	5,920	9,220	5,870	2,270
14	3,080	4,150	22,200	12,400	15,400	15,200	47,300	22,100	5,490	7,110	5,520	2,260
15	2,660	4,190	19,300	11,100	16,800	32,500	47,100	20,900	4,720	6,930	4,140	2,670
16	3,420	4,230	16,900	10,300	22,200	40,800	46,600	18,500	4,190	6,440	2,510	3,320
17	4,160	3,360	14,000	9,950	26,500	46,000	44,500	15,100	4,630	6,110	2,920	3,990
18	4,230	3,000	10,200	10,100	28,000	46,700	44,100	13,200	5,090	5,860	3,400	4,380
19	4,040	3,340	10,600	9,860	28,900	46,500	43,500	13,800	5,330	4,920	4,600	3,940
20	3,220	3,500	11,100	8,950	29,600	44,800	42,100	15,400	4,620	4,460	6,850	2,330
21	2,540	3,840	10,800	6,330	29,500	43,700	41,700	15,500	3,720	5,510	6,120	2,900
22	2,470	4,270	7,080	6,930	29,100	43,800	41,400	15,400	3,530	5,560	3,430	3,620
23	3,240	4,160	5,820	8,690	28,000	42,200	34,900	14,400	3,500	6,280	2,220	3,550
24	4,010	3,290	4,610	10,600	18,900	35,200	29,600	12,400	4,150	6,420	2,720	4,110
25	3,900	2,620	5,600	31,100	14,600	33,300	24,400	8,980	4,390	6,160	3,600	3,660
26	4,170	3,140	6,760	31,400	13,000	42,400	25,700	8,400	4,010	5,820	4,470	3,050
27	2,940	4,370	8,320	31,300	12,300	48,900	28,400	10,500	3,650	5,060	5,900	2,240
28	2,780	6,620	7,620	31,000	13,400	52,400	30,600	11,900	2,810	4,950	5,980	2,220
29	2,810	7,510	6,830	29,700	11,800	49,100	31,900	11,500	2,560	5,600	3,650	2,330
30	3,670	6,830	5,870	29,000	-----	46,300	32,200	9,440	4,160	5,840	1,910	3,160
31	4,180	-----	5,760	28,800	-----	45,000	-----	7,250	-----	5,520	2,740	-----
TOTAL	129,150	124,420	287,260	520,740	598,280	1,072,180	1,217,480	720,170	151,430	178,390	126,980	98,810
MEAN	4,166	4,147	9,266	16,800	20,630	34,580	40,580	23,230	5,048	5,755	4,096	3,294
MAX	9,340	7,510	22,200	31,400	29,600	52,400	50,200	44,700	7,410	9,220	6,850	5,920
MIN	2,470	2,620	3,000	5,140	9,010	9,760	24,400	7,250	2,560	3,090	1,910	2,220

CAL YR 1963: TOTAL 3,724,940 MEAN 10,210 MAX 48,000 MIN 2,120
 MAY YR 1964: TOTAL 3,225,090 MEAN 14,280 MAX 52,400 MIN 1,910

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,110	8,530	7,380	10,800	8,070	9,010	39,200	13,100	3,410	3,360	4,600	2,370
2	4,890	5,310	8,100	11,300	7,830	9,860	35,200	11,100	3,250	3,640	3,700	3,580
3	4,360	3,990	9,460	9,860	9,110	11,400	32,900	6,770	4,360	3,910	2,740	3,560
4	3,560	4,690	9,760	9,090	11,000	13,200	33,200	4,920	4,460	3,240	2,700	3,180
5	4,590	5,130	12,700	8,760	11,000	17,500	36,600	4,320	3,940	2,860	3,120	2,930
6	9,670	4,850	16,600	7,380	11,200	18,500	36,800	5,540	4,050	3,060	3,050	2,400
7	12,000	4,110	14,800	7,760	10,200	19,800	33,400	5,930	5,030	3,460	2,660	2,150
8	19,500	2,460	13,700	9,780	11,000	17,600	28,600	6,470	9,280	3,780	2,300	2,680
9	18,000	3,100	13,500	9,170	16,600	16,900	26,000	6,530	9,000	5,060	2,250	4,080
10	9,770	4,610	12,900	7,170	17,400	15,300	22,000	5,270	9,440	4,680	2,400	4,710
11	7,540	4,260	10,000	7,340	20,900	14,300	17,100	4,720	9,220	4,540	2,760	4,330
12	5,560	5,460	11,000	8,630	26,300	15,300	13,800	4,810	10,600	3,120	4,440	4,120
13	6,380	5,340	15,000	9,010	28,200	15,800	18,500	4,950	8,100	2,900	3,660	3,730
14	5,400	4,360	14,900	11,400	27,800	14,800	21,500	4,820	5,580	3,620	2,570	4,820
15	7,080	2,460	13,300	11,500	26,400	13,000	17,100	4,680	6,110	5,070	2,300	4,890
16	13,200	2,780	13,500	9,950	27,000	11,500	12,700	4,680	11,500	4,400	2,120	5,260
17	16,100	3,620	10,700	8,370	25,200	8,760	12,100	3,420	10,900	4,480	2,000	5,690
18	16,000	4,740	7,940	6,740	23,400	9,920	9,430	3,720	8,240	3,940	2,820	4,790
19	11,300	5,770	8,100	7,060	18,500	11,300	8,630	5,020	6,560	3,160	3,780	4,430
20	6,870	5,560	8,310	6,770	15,800	10,200	8,580	5,990	4,680	2,700	4,260	3,540
21	8,500	4,490	8,930	5,760	17,200	9,110	11,700	6,590	3,910	3,140	3,980	2,760
22	7,830	2,470	9,700	4,790	11,700	8,150	10,900	6,740	3,770	3,200	3,460	2,410
23	5,490	3,150	11,100	4,930	8,980	7,730	10,800	5,930	4,820	4,120	2,400	3,060
24	5,170	4,440	14,000	4,480	9,460	10,700	10,500	5,340	5,540	3,250	7,330	4,120
25	3,840	7,870	14,700	5,110	11,000	17,900	8,770	5,280	5,990	2,150	2,300	3,720
26	2,880	9,720	8,580	7,910	8,640	26,700	8,390	5,360	6,290	3,500	2,600	3,980
27	2,570	12,400	9,500	10,100	12,300	33,800	8,560	7,110	5,420	3,840	2,660	2,700
28	5,060	14,800	10,500	8,690	10,600	39,800	7,860	6,840	4,470	3,160	3,060	2,020
29	7,750	10,600	10,200	9,160	-----	41,700	11,000	6,170	3,300	4,280	3,100	2,880
30	8,610	8,120	10,100	9,200	-----	39,100	15,600	5,390	3,380	6,060	2,440	3,980
31	7,930	-----	11,100	8,980	-----	39,700	-----	3,840	-----	5,540	2,080	-----
TOTAL	252,290	168,790	350,060	257,150	442,790	550,340	567,450	181,350	184,600	117,220	90,640	108,870
MEAN	8,138	5,426	11,290	8,295	14,283	17,753	18,273	5,979	5,793	3,771	2,924	3,450
MAX	19,500	14,800	16,600	11,500	28,200	41,700	39,200	13,100	11,500	6,060	4,600	5,690
MIN	2,570	2,460	7,380	4,680	7,830	7,730	7,890	3,420	3,250	2,150	2,000	2,020

CAL YR 1964: TOTAL 5,455,400 MEAN 14,910 MAX 52,400 MIN 1,910
 MAY YR 1965: TOTAL 3,271,530 MEAN 8,963 MAX 41,700 MIN 2,000

2-4010 Big Wills Creek near Crudup, Ala

Location --Lat 34°06', long 86°02', in SE¹/₄ 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

Records available --October 1943 to September 1965

Gage --Digital water-stage recorder Altitude of gage is 570 ft (by barometer) Graphic water-stage recorder July 10, 1957, to Feb 20, 1964 at present site and datum Prior to July 10, 1957, wire-weight gage at site 100 ft downstream at same datum

Average discharge --22 years, 309 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (3,600 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 25, 1961	0600	* 6,510	11 56	Apr 12, 1962	1240	7,300	12 00	Apr 8, 1964	0300	7,400	12 18
Mar 9, 1961	1700	3,600	9 98					Apr 14, 1964	1615	3,820	10 15
		3,870	10 19	Apr 30, 1963	1745	* 11,800	14 37				
Dec 13, 1961	1630	3,870	10 19					Mar 27, 1965	0430	* 6,510	11 72
Dec 19, 1961	1100	8,070	12 52	Mar 16, 1964	1100	5,050	10 95				
Jan 28, 1962	0945	* 9,180	12 76	Mar 26, 1964	1600	* 10,600	13 79				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	50	-	1964	Oct 29, 30, 1963	46	-
1962	Oct 26-29, 1961	43	-	1965	Sept 22, 23, 1965	55	-
1963	Sept 24, 1963	53	-				

1943-65 Maximum discharge, 14,800 cfs Mar 29, 1951 (gage height, 14 5 ft. from floodmarks), minimum observed, 21 cfs Sept 22, 1955, Dec 5, 1956 (gage height, 1 26 ft)

Flood in 1884 reached a stage of 16 3 ft. from information by local residents

Remarks --Records good except those for periods of no gage-height record, which are poor

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	111	81	174	648	164	886	966	246	134	180	96	140
2	98	93	142	480	162	656	607	242	130	169	94	148
3	92	76	128	326	187	551	505	229	125	159	92	126
4	86	69	119	272	179	494	471	217	126	153	92	96
5	86	64	111	242	161	479	413	206	134	142	90	84
6	139	63	104	220	153	575	373	199	125	134	90	85
7	207	61	100	204	174	824	344	194	121	130	90	79
8	156	59	96	189	248	1,620	320	189	118	126	130	76
9	155	57	90	174	264	3,160	382	199	117	122	180	72
10	135	84	85	162	238	1,980	535	196	115	117	140	71
11	120	107	198	151	219	905	382	180	241	112	110	66
12	109	96	304	145	204	668	785	180	258	132	100	67
13	104	81	203	138	196	632	1,240	175	192	204	93	67
14	97	76	158	198	182	610	702	166	169	193	86	66
15	94	71	148	242	174	515	547	190	154	175	82	67
16	91	70	143	226	166	456	496	270	153	226	80	65
17	100	69	132	198	159	414	471	184	145	258	79	63
18	89	66	122	184	164	553	395	167	136	264	78	60
19	84	64	114	206	291	582	358	175	126	220	74	60
20	178	60	118	298	1,070	457	333	162	128	198	72	60
21	255	59	427	266	4,120	504	310	153	231	170	71	60
22	137	58	405	224	5,820	736	292	169	262	150	70	60
23	114	98	250	210	5,930	564	280	312	198	140	70	59
24	101	194	215	199	4,750	476	270	196	174	132	69	58
25	92	159	196	182	2,890	425	258	182	169	128	66	55
26	87	122	180	196	2,350	385	270	179	271	122	70	54
27	83	107	167	238	1,670	361	452	170	518	114	76	54
28	79	104	153	204	1,080	363	344	162	284	110	66	52
29	75	174	145	189	-----	370	276	151	228	105	62	52
30	71	211	151	179	-----	344	254	143	198	100	58	51
31	75	-----	220	169	-----	749	-----	138	-----	98	80	-----
TOTAL	3,500	2,753	5,298	7,159	33,365	22,296	13,631	5,921	5,480	4,785	2,707	2,176
MEAN	113	91.8	171	231	1,192	719	454	191	183	154	87.3	72.5
MAX	255	211	427	648	5,930	3,160	1,240	312	518	264	180	148
MIN	71	57	85	138	153	344	254	138	115	98	59	51
CFSM	.61	.50	.92	1.25	6.44	3.89	2.46	1.03	.99	.83	.47	.39
IN.	.70	.55	1.07	1.44	6.71	4.48	2.74	1.19	1.10	.96	.54	.44

CAL YR 1960: TOTAL 79,061 MEAN 216 MAX 1,570 MIN 46 CFSM 1.17 IN 15.89
WAT YR 1961: TOTAL 109,071 MEAN 299 MAX 5,930 MIN 51 CFSM 1.62 IN 21.93

Note --No gage-height record July 21 to Sept 1

2-4010 Big Wills Creek near Crudup, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	51	46	54	397	863	577	1,870	286	158	92	88	55
2	52	46	54	502	712	502	1,120	270	151	90	81	55
3	71	47	54	363	607	454	651	256	247	92	80	55
4	90	50	52	335	541	418	541	246	232	100	79	54
5	80	54	54	333	491	392	482	237	182	170	79	54
6	44	54	58	846	446	356	580	231	161	300	90	92
7	58	50	59	1,280	402	331	680	224	154	210	79	80
8	56	47	56	824	375	312	571	217	164	180	100	70
9	55	45	56	598	363	410	502	213	156	150	90	60
10	54	44	97	502	335	632	446	206	146	130	81	55
11	52	44	290	424	310	1,280	2,170	203	140	120	76	70
12	51	44	2,040	385	292	962	6,630	192	211	120	72	60
13	50	45	3,660	351	284	673	4,460	186	150	110	70	58
14	49	47	2,350	329	276	556	2,240	177	150	100	70	2,000
15	48	50	693	392	268	488	1,240	175	138	100	70	1,000
16	48	78	574	466	270	432	902	174	126	120	67	550
17	48	110	918	370	262	385	702	169	121	150	66	720
18	48	80	3,680	337	244	354	607	170	119	130	70	260
19	48	60	6,900	496	246	331	538	166	117	110	65	160
20	48	52	2,680	491	242	320	480	161	124	100	65	130
21	48	49	1,000	410	298	365	429	158	126	90	65	110
22	48	47	673	378	938	452	392	156	120	88	80	100
23	49	70	574	594	1,300	329	368	153	110	90	75	97
24	48	100	494	804	917	306	361	148	110	87	69	94
25	46	80	421	784	842	414	349	145	120	85	64	90
26	44	70	382	1,810	705	825	440	142	110	84	63	89
27	43	64	392	4,610	607	520	340	140	100	84	63	111
28	43	60	562	7,880	547	421	318	137	130	84	61	122
29	46	56	452	3,570	380	360	314	110	84	59	97	
30	46	54	380	2,000	-----	351	310	154	100	84	56	88
31	46	-----	351	1,200	-----	841	-----	199	-----	84	56	-----
TOTAL	1,628	1,743	30,060	33,972	13,983	15,369	31,033	5,960	4,283	3,618	2,249	4,836
MEAN	52.5	58.1	970	1,096	449	496	1,034	192	143	117	72.5	161
MAX	90	110	6,900	7,880	1,300	1,280	6,330	286	243	300	100	1,000
MIN	43	44	52	329	242	306	310	137	100	84	56	54
CFSM	.28	.31	5.24	2.68	2.70	2.68	5.39	1.04	.77	.63	.39	.87
IN.	.33	.35	6.04	6.83	2.81	3.09	6.24	1.20	.86	.73	.45	.97

CAL YR 1961: TOTAL 130,951 MEAN 359 MAX 6,900 MIN 43 CFSM 1.94 IN 26.32
 MAY YR 1962: TOTAL 148,734 MEAN 407 MAX 7,880 MIN 43 CFSM 2.20 IN 29.90

Note --No gage-height record June 22 to July 30

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	84	72	186	314	502	266	266	6,660	159	230	152	71
2	89	70	179	282	534	366	260	2,240	153	188	141	69
3	998	69	167	260	1,410	318	248	1,130	150	172	128	68
4	1,610	69	159	233	1,440	288	240	735	146	164	120	68
5	325	69	156	215	773	469	231	585	144	153	114	69
6	240	66	154	203	613	2,410	248	536	141	146	110	70
7	201	65	146	192	550	3,000	302	473	138	147	107	68
8	191	74	145	182	491	1,380	276	417	135	140	103	67
9	172	498	138	174	440	787	244	376	130	172	100	66
10	156	1,220	132	167	392	651	235	350	128	140	98	65
11	142	550	125	206	373	580	226	322	126	126	96	63
12	132	300	119	610	354	887	219	300	122	120	94	62
13	124	286	112	460	322	1,810	208	272	116	117	93	62
14	121	244	108	350	302	2,070	211	270	114	120	90	63
15	115	215	108	300	284	939	206	307	113	138	95	63
16	110	198	108	270	266	702	201	254	126	172	89	62
17	107	199	107	260	260	1,270	199	238	250	240	86	60
18	98	683	101	350	248	943	194	246	200	222	83	59
19	94	1,130	98	700	320	734	191	221	144	158	93	59
20	90	520	101	1,600	440	692	194	209	140	142	89	59
21	89	466	108	1,100	349	607	198	200	180	314	111	57
22	88	449	253	800	302	485	187	190	645	292	86	56
23	85	358	226	700	276	438	179	181	287	176	83	55
24	82	302	182	600	272	400	174	176	221	158	82	55
25	80	272	282	520	268	363	170	175	211	150	79	54
26	78	250	385	460	256	418	169	219	257	148	76	54
27	76	228	294	540	242	410	164	230	272	138	75	55
28	75	215	258	420	240	342	320	208	209	162	74	82
29	74	211	406	344	-----	314	2,880	188	188	205	74	86
30	73	203	496	475	-----	292	10,800	173	193	194	74	76
31	72	-----	373	589	-----	278	-----	167	-----	211	72	-----
TOTAL	6,071	9,551	5,912	13,876	12,519	24,909	19,840	18,248	5,538	5,355	2,967	1,923
MEAN	196	318	191	448	447	804	661	589	185	173	95.7	64.1
MAX	1,610	1,220	496	1,600	1,440	3,000	10,800	6,660	645	314	152	86
MIN	72	65	98	167	240	266	167	137	117	117	72	54
CFSM	1.06	1.72	1.03	2.42	2.42	4.34	3.57	3.18	1.00	.93	.52	.35
IN.	1.22	1.92	1.19	2.79	2.52	5.01	3.99	3.67	1.11	1.08	.60	.39

CAL YR 1962: TOTAL 136,837 MEAN 375 MAX 7,880 MIN 54 CFSM 2.03 IN 21.21
 MAY YR 1963: TOTAL 126,709 MEAN 347 MAX 10,800 MIN 54 CFSM 1.88 IN 25.71

MOBILE RIVER BASIN

2-4010 Big Wills Creek near Crudup, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	58	53	111	102	407	344	607	584	170	159	150	82
2	55	60	84	103	359	423	544	840	165	123	130	81
3	55	65	76	102	321	1,660	489	2,160	159	115	120	80
4	54	54	70	160	297	1,450	465	2,680	152	110	110	79
5	53	53	65	244	292	1,260	543	1,390	150	109	108	78
6	53	55	62	240	374	1,240	1,420	822	167	108	104	77
7	52	57	58	422	422	762	3,320	655	240	107	101	76
8	52	54	62	386	355	689	5,390	562	175	105	100	74
9	52	51	62	866	314	583	2,320	501	159	250	98	73
10	52	50	60	1,230	297	734	1,290	463	153	200	96	72
11	51	49	157	596	281	603	908	428	144	160	120	71
12	51	48	892	460	265	482	926	397	140	180	130	70
13	51	47	691	403	290	420	2,020	361	142	200	95	70
14	53	47	300	345	470	906	3,550	334	134	250	90	69
15	51	46	256	309	523	3,010	2,620	315	130	200	90	68
16	51	46	202	282	1,070	4,580	1,330	299	126	150	130	68
17	49	46	173	269	740	2,470	915	285	124	400	170	67
18	51	47	158	255	816	1,200	735	272	122	250	135	66
19	50	47	146	239	1,030	821	630	254	119	170	105	66
20	49	47	132	233	713	707	599	239	119	150	95	65
21	50	47	123	229	573	643	502	229	118	300	92	64
22	49	46	116	217	496	565	461	220	115	350	91	63
23	49	49	123	203	440	474	435	211	117	300	90	62
24	49	50	124	427	400	422	467	205	132	200	89	62
25	49	49	116	1,740	423	1,070	756	200	132	160	88	61
26	49	47	110	2,650	462	8,140	778	194	123	140	87	60
27	50	46	100	1,300	406	5,790	966	184	112	130	87	59
28	49	52	104	680	385	2,160	1,120	183	109	120	86	59
29	48	174	100	535	377	1,250	956	183	105	115	85	58
30	46	241	95	456	-----	873	701	178	102	106	84	56
31	46	-----	95	422	-----	697	-----	173	-----	139	83	-----
TOTAL	1,578	1,823	5,034	16,165	13,594	46,428	37,736	16,005	4,185	5,556	3,218	2,086
MEAN	50.9	60.8	162	521	469	1,504	1,258	516	135	179	104	69.5
MAX	58	241	892	2,650	1,070	8,140	5,390	2,680	240	400	170	86
MIN	46	46	58	102	265	344	435	173	102	105	83	58
CFSM	2.28	2.33	1.88	2.82	2.53	8.13	6.80	2.79	1.75	1.97	1.56	1.42
IN.	32	37	1.01	3.25	2.73	9.37	7.59	3.22	0.84	1.12	0.65	0.49

CAL YR 1963: TOTAL 113,610 MEAN 311 MAX 10,800 MIN 46 CFSM 1.68 IN 22.84
 MAY YR 1964: TOTAL 153,578 MEAN 420 MAX 8,140 MIN 46 CFSM 2.27 IN 30.87

Note --No gage-height record Aug 1 to Sept 29

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	83	66	120	208	178	248	1,200	273	113	130	79	62
2	70	63	111	200	216	859	1,110	262	110	87	75	64
3	67	61	106	252	210	606	714	248	110	112	75	65
4	75	60	528	280	187	711	1,060	238	111	134	73	62
5	95	60	670	234	178	711	2,250	230	149	134	76	60
6	150	60	279	218	178	603	1,850	220	135	145	82	60
7	140	60	223	203	400	500	1,220	214	203	146	73	59
8	120	63	196	195	442	449	895	206	430	114	92	58
9	110	61	178	186	368	408	732	200	236	112	170	57
10	94	60	162	442	483	373	621	195	170	106	96	56
11	85	59	205	648	1,140	338	549	193	152	107	81	57
12	80	59	605	383	1,540	449	1,210	195	176	107	76	89
13	77	58	543	319	1,610	624	1,170	193	185	100	75	121
14	76	58	353	286	931	466	637	182	233	95	73	80
15	90	58	286	260	627	413	558	177	599	95	71	67
16	200	58	250	271	501	370	543	171	977	93	70	64
17	300	59	234	264	480	363	483	168	342	90	69	62
18	250	60	295	236	426	516	426	164	307	88	67	60
19	150	65	289	222	370	458	444	162	249	87	71	59
20	120	93	286	210	331	373	480	166	209	86	154	59
21	100	117	304	202	306	333	398	170	191	84	73	58
22	90	90	280	195	284	306	363	162	174	83	74	56
23	80	75	258	224	262	293	338	156	161	84	72	58
24	76	77	246	286	280	827	322	147	151	82	96	82
25	72	209	416	260	400	2,300	306	141	147	87	76	82
26	70	369	395	238	308	3,780	297	138	136	84	72	76
27	67	180	322	220	273	5,860	398	134	127	83	71	66
28	65	147	282	204	258	2,760	426	131	126	73	72	61
29	63	152	254	199	-----	1,560	315	126	122	114	68	60
30	62	139	234	195	-----	2,180	286	123	119	88	65	63
31	70	-----	224	187	-----	2,110	-----	117	-----	82	63	-----
TOTAL	3,247	2,876	9,134	7,927	13,100	31,665	21,346	5,602	6,662	3,204	2,488	1,995
MEAN	105	95.9	295	256	468	1,021	712	181	222	103	80.3	66.5
MAX	300	369	670	648	1,610	5,860	2,250	273	977	146	170	121
MIN	62	58	106	186	178	248	286	117	110	82	63	56
CFSM	57	52	1.59	1.38	2.53	5.52	3.85	98	1.20	56	43	36
IN.	65	58	1.84	1.59	2.63	6.37	4.29	1.13	1.34	0.64	0.50	0.40

CAL YR 1964: TOTAL 160,400 MEAN 438 MAX 8,140 MIN 58 CFSM 2.37 IN 32.56
 MAY YR 1965: TOTAL 109,246 MEAN 299 MAX 5,860 MIN 58 CFSM 1.62 IN 32.56

Note --No gage-height record Oct 5 to Nov 13

2-4015 Big Canoe Creek near Gadsden, Ala

Location --Lat 33°54'11", long 86°06'13", in NW $\frac{1}{4}$ 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

Records available --October 1937 to September 1965 Monthly discharge only for low-water periods in water year 1938-39, published in WSP 1304

Gage --Water-stage recorder Datum of gage is 490.56 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) Prior to Mar 16, 1944, staff gage and Mar 16, 1944, to Dec 13, 1948, wire-weight gage, at present site and datum Prior to Nov 3, 1949, and Oct 1, 1955, to Sept 30, 1958, auxiliary staff gage on Coosa River at Greensport Ferry, 2.4 miles downstream from mouth of Big Canoe Creek, Nov 3, 1949, to Sept 30, 1953, auxiliary staff gage 2 miles downstream

Average discharge --28 years (1937-65), 431 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (4,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	0530	* 19,400	23.58	Jan 20, 1963	0415	* 4,900	14.22	Apr 8, 1964	1400	* 6,470	15.70
Mar 8, 1961	1700	4,580	13.83	Mar 6, 1963	0800	4,340	13.48	Apr 14, 1964	0200	4,730	14.03
Mar 31, 1961	1600	4,240	13.31	Mar 12, 1963	2400	4,770	14.08				
				Apr 30, 1963	0230	4,490	13.70	Feb 12, 1965	1800	* 4,250	13.34
Dec 13, 1961	1700	* 9,700	18.27	Jan 25, 1964	0715	4,690	13.98				
Dec 19, 1961	1700	7,410	16.51	Mar 15, 1964	1430	5,670	14.97				
Jan 28, 1962	1630	6,540	15.76	Mar 26, 1964	0900	5,490	14.81				
Apr 12, 1962	-	6,320	15.56								

Annual minimum discharge, for water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 8, 1960	30	2.42	1964	Nov 16, 1963	22	-
1962	Sept 4, 5, 30, 1962	23	2.32	1965	Sept 9, 1965	a 19	-
1963	Sept 27, 1963	22	2.30				

a Minimum daily

1937-65 Maximum discharge, 37,900 cfs Dec 29, 1942 (gage height, 29.1 ft, from high-water mark), from rating curve extended above 18,000 cfs on basis of runoff for stations on nearby streams, minimum daily since Oct 1, 1945, 9.6 cfs Oct 20, 1956, minimum not determined prior to Oct 1, 1945

Remarks --Records good, except those for period of no gage-height record, which are fair

Revisions (water years) --WSP 1304 1938(M), 1942(M) WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	48	52	182	1,540	183	1,420	3,700	306	103	165	83	430
2	39	50	127	908	178	988	3,920	390	103	137	79	1,290
3	35	49	104	446	777	749	2,240	329	101	120	75	944
4	34	44	95	317	1,050	579	988	254	93	114	69	434
5	43	38	85	251	588	503	750	221	90	106	65	239
6	192	34	80	224	410	958	580	196	92	95	65	183
7	137	34	73	207	706	3,050	490	180	290	86	74	156
8	123	34	69	183	1,360	4,270	414	173	974	1,030	139	
9	486	47	68	163	886	4,080	761	662	173	606	1,870	125
10	315	76	66	145	592	3,010	1,370	353	133	173	1,220	107
11	149	120	574	135	472	1,320	749	224	252	133	261	95
12	111	125	942	125	390	815	1,940	204	499	479	191	86
13	90	80	299	123	325	778	2,160	175	259	2,320	154	86
14	79	61	178	231	278	971	1,450	161	158	2,800	131	95
15	86	57	152	282	248	710	826	147	133	1,120	118	131
16	88	50	149	216	227	589	667	147	131	628	106	133
17	47	44	139	168	211	519	514	135	114	692	99	95
18	65	42	114	139	403	1,200	422	125	104	532	93	83
19	55	42	103	208	1,400	1,300	365	127	93	585	83	77
20	89	42	103	454	2,820	1,200	321	147	93	1,430	75	73
21	63	40	847	278	9,150	1,300	244	122	335	524	72	72
22	65	44	691	199	16,100	1,300	245	109	229	286	72	68
23	60	158	297	173	18,100	750	230	204	188	242	69	63
24	55	258	227	168	12,300	546	218	254	474	236	63	60
25	50	179	202	152	6,850	466	202	188	207	186	61	56
26	48	118	180	307	4,170	391	230	425	1,140	156	60	53
27	48	98	158	640	3,070	342	1,630	294	1,720	135	59	52
28	47	79	143	360	2,100	599	1,850	180	606	122	56	49
29	45	183	133	239	-----	1,130	888	143	248	109	55	47
30	43	275	133	207	-----	874	426	123	196	103	54	45
31	46	-----	278	186	-----	2,840	113	-----	92	62	-----	-----
TOTAL	2,898	2,553	6,991	9,374	85,344	39,547	30,810	6,811	8,649	15,486	6,624	5,566
MEAN	93.5	85.1	226	302	3,048	1,276	1,027	220	288	500	214	186
MAX	486	275	942	1,540	18,100	4,270	3,920	662	1,720	2,800	1,870	1,290
MIN	31	34	66	123	178	342	202	109	90	86	54	45
CFSM	.37	.33	.88	1.18	11.9	4.98	4.01	.86	1.13	1.95	.83	.72
IN.	.42	.37	1.02	1.36	12.4	5.75	4.48	.99	1.26	2.25	.96	.81

CAL YR 1960: TOTAL 121,470
MAY YR 1961: TOTAL 220,633

MEAN 332
MEAN 605

MAX 5,700
MAX 18,100

MIN 23
MIN 31

CFSM 1.30
CFSM 2.36

IN 17.65
IN 32.06

2-4015 Big Canoe Creek near Gadsden, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	44	42	75	942	694	588	1,710	193	98	60	45	28
2	43	42	68	766	644	537	998	188	72	50	45	26
3	60	41	67	564	610	481	586	173	64	46	40	25
4	128	41	64	512	562	410	483	156	63	86	37	23
5	106	44	65	518	538	365	426	145	91	460	121	23
6	69	53	76	2,240	498	325	1,120	129	140	271	269	41
7	60	61	131	2,550	450	293	1,700	123	77	179	47	37
8	54	49	137	2,260	418	258	1,100	120	64	154	127	28
9	52	45	111	1,040	414	475	752	113	91	93	80	26
10	50	42	820	726	374	811	577	104	99	66	51	26
11	49	42	1,970	634	301	2,770	2,100	101	139	51	42	26
12	50	41	7,690	547	261	2,320	4,000	92	221	46	38	26
13	51	42	9,170	505	236	1,290	5,000	87	446	43	36	26
14	49	40	7,560	486	221	748	4,900	82	216	42	31	30
15	49	42	3,960	827	218	628	2,000	86	131	39	30	26
16	49	47	1,830	1,010	350	535	742	75	95	40	31	45
17	47	63	1,920	655	476	422	603	72	78	41	34	149
18	47	100	6,150	559	275	360	957	72	68	55	48	155
19	46	72	7,150	2,460	390	317	534	68	63	44	34	98
20	44	61	5,440	2,630	325	297	465	61	72	40	30	52
21	44	54	2,650	1,890	713	462	356	59	287	37	30	43
22	44	52	803	1,000	3,160	544	305	62	120	36	30	38
23	44	66	548	1,610	3,290	321	278	101	77	36	33	33
24	43	182	548	2,160	3,710	264	261	72	65	36	39	28
25	39	171	483	1,960	2,350	388	254	60	64	171	37	26
26	37	120	443	1,470	1,000	1,100	313	58	56	161	42	26
27	35	104	441	5,030	787	541	258	54	122	63	32	26
28	35	93	875	6,260	661	402	221	52	681	53	28	25
29	35	90	544	5,340	-----	334	218	48	107	58	26	24
30	35	82	486	3,570	-----	293	221	61	71	61	26	23
31	36	-----	468	1,750	-----	1,020	-----	132	-----	51	28	-----
TOTAL	1,574	2,024	62,743	54,471	23,926	19,899	32,638	2,999	4,038	2,669	1,567	1,208
MEAN	50.8	67.5	2,024	1,757	855	642	1,088	96.7	135	86.1	50.5	40.3
MAX	128	182	9,170	6,260	3,710	2,770	5,000	193	681	460	269	155
MIN	35	40	64	486	218	258	48	56	36	26	23	23
CFSM	.20	.26	7.91	6.86	3.34	2.51	4.25	.38	.53	.44	.20	.16
IN.	.23	.29	9.11	7.91	3.48	2.89	4.74	.44	.59	.39	.23	.18

CAL YR 1961: TOTAL 274,552 MEAN 752 MAX 18,100 MIN 35 CFSM 2.94 IN 39.89
 WAT YR 1962: TOTAL 209,756 MEAN 575 MAX 9,170 MIN 23 CFSM 2.24 IN 30.47

Note --No gage-height record Apr 11-15

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG.	SEPT
1	23	30	123	309	1,120	369	248	3,160	149	230	170	34
2	30	30	96	254	688	923	2,000	116	365	141	33	33
3	317	32	94	224	3,000	438	220	671	111	514	111	31
4	186	31	92	199	2,580	317	210	516	98	520	101	29
5	93	34	90	173	1,990	670	200	487	83	286	92	29
6	51	34	89	159	926	3,830	250	476	77	218	77	28
7	42	33	89	147	755	3,080	400	470	72	224	67	33
8	36	38	98	139	640	2,620	350	443	69	168	72	31
9	34	413	107	127	550	933	250	264	64	170	67	27
10	31	583	104	118	499	688	200	224	61	149	65	26
11	30	337	90	532	465	587	180	188	56	111	57	26
12	28	168	79	2,680	430	1,890	168	165	52	95	52	26
13	26	125	78	2,220	402	3,670	158	152	47	83	52	25
14	29	116	73	1,050	338	3,010	152	145	44	80	51	25
15	29	104	71	514	297	1,420	141	139	44	85	60	27
16	34	82	74	454	248	658	133	129	43	105	61	28
17	39	79	75	398	233	1,310	125	111	44	644	50	28
18	36	673	77	524	221	1,130	120	142	46	1,440	44	28
19	36	693	69	1,520	1,120	688	118	210	51	782	41	27
20	35	414	67	4,250	982	795	116	143	53	369	41	26
21	35	490	69	3,720	514	783	114	113	77	382	44	26
22	35	595	149	3,290	442	534	111	109	97	374	209	26
23	34	402	118	1,200	309	461	103	86	581	224	109	25
24	34	258	98	780	301	414	96	75	1,490	170	66	24
25	33	204	384	593	321	374	90	72	686	344	54	23
26	31	173	321	547	272	619	98	125	334	325	47	23
27	30	149	221	802	242	582	111	447	317	186	44	22
28	30	133	178	682	213	382	260	646	329	149	40	62
29	25	684	502	-----	-----	334	2,770	450	414	279	45	354
30	38	127	955	852	-----	289	4,100	325	275	470	40	131
31	30	-----	460	1,520	-----	268	-----	196	-----	224	37	-----
TOTAL	1,510	6,707	5,387	30,483	20,333	33,831	11,822	13,079	5,995	9,765	2,207	1,283
MEAN	48.7	224	174	983	726	1,091	394	422	200	315	71.2	42.8
MAX	317	693	955	4,250	3,000	3,830	4,100	3,160	1,490	1,440	209	354
MIN	23	30	67	118	213	268	90	72	43	80	37	22
CFSM	19	88	68	3.84	2.83	4.26	1.54	1.65	.78	1.23	28	17
IN	22	.97	78	4.43	2.95	4.91	1.72	1.90	.87	1.42	32	19

CAL YR 1962: TOTAL 157,019 MEAN 430 MAX 6,260 MIN 23 CFSM 1.68 IN 22.82
 WAT YR 1963: TOTAL 142,402 MEAN 390 MAX 4,250 MIN 22 CFSM 1.52 IN 20.68

2-4015 Big Canoe Creek near Gadsden, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	55	46	223	158	626	472	545	1,020	74	69	57	35
2	41	106	178	178	550	1,340	533	1,570	71	74	54	34
3	35	133	178	199	446	3,200	518	3,190	67	168	52	33
4	33	79	139	667	374	2,940	543	2,780	65	188	50	30
5	30	53	114	1,000	374	3,050	549	1,680	61	139	54	32
6	28	52	101	725	756	2,020	3,880	686	77	103	60	32
7	28	38	73	1,100	613	1,290	4,440	582	279	75	53	30
8	26	41	69	795	430	1,860	5,640	504	274	69	49	29
9	26	45	79	2,670	351	1,560	3,590	497	135	75	45	28
10	26	37	80	2,810	305	1,690	1,390	487	106	104	42	26
11	27	28	613	2,430	282	1,410	820	398	89	307	39	25
12	28	26	2,610	1,110	254	957	916	365	85	360	39	25
13	28	27	2,300	711	348	770	3,570	338	78	832	54	25
14	28	31	1,860	538	1,090	1,230	4,420	275	74	524	58	25
15	26	24	1,290	418	1,200	4,900	3,990	239	73	242	45	25
16	24	22	718	365	2,840	5,100	2,570	218	67	163	45	25
17	24	23	529	321	2,050	4,470	972	191	63	139	68	24
18	24	30	438	293	1,790	2,550	693	173	61	125	78	24
19	24	31	329	264	2,060	900	602	161	58	101	71	24
20	24	37	264	324	1,340	775	541	133	59	561	52	24
21	24	38	230	430	810	688	522	123	60	935	44	24
22	23	37	207	278	638	626	484	114	56	799	41	24
23	24	40	280	221	562	564	495	107	53	592	45	24
24	24	40	382	1,300	499	549	494	106	330	147	150	24
25	24	40	264	4,340	733	1,470	2,030	106	283	116	108	24
26	23	58	218	3,810	1,140	4,910	1,270	104	422	96	69	24
27	24	62	204	3,410	714	3,710	1,900	90	168	82	52	24
28	26	66	188	1,300	583	2,580	2,260	83	113	74	47	24
29	24	789	170	700	595	995	2,380	79	82	68	44	28
30	23	843	152	585	-----	673	2,040	79	71	63	40	69
31	23	147	591	591	-----	584	-----	75	-----	60	37	-----
TOTAL	847	2,922	14,627	34,001	24,353	59,833	54,597	16,553	3,554	7,450	1,742	844
MEAN	27.3	97.4	472	1,097	840	1,930	1,820	534	118	240	56.2	28.1
MAX	55	843	2,610	4,340	2,840	5,100	5,640	3,190	422	935	150	69
MIN	23	22	69	158	254	472	484	75	53	60	37	24
CFSM	-.11	-.38	1.84	4.28	3.28	7.54	7.11	2.09	-.46	-.04	-.22	-.11
IN.	-.12	-.42	2.12	4.94	3.54	8.69	7.93	2.40	-.52	1.08	-.25	-.12
CAL YR 1963: TOTAL	147,194	MEAN 403	MAX 4,250	MIN 22	CFSM 1.57	IN 21.37						
WAT YR 1964: TOTAL	221,323	MEAN 605	MAX 5,640	MIN 22	CFSM 2.36	IN 32.15						

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	257	48	118	248	218	458	682	146	48	48	44	25
2	144	47	101	233	475	1,480	590	46	46	46	40	42
3	190	44	93	414	414	2,200	561	133	45	44	38	35
4	85	44	1,390	317	258	2,040	1,120	133	44	42	35	30
5	86	44	1,900	245	227	1,560	2,200	118	43	60	33	26
6	131	44	1,030	216	233	1,160	2,500	112	42	62	34	23
7	109	42	426	199	1,070	928	1,120	105	55	67	38	21
8	73	42	301	188	1,140	774	786	98	367	54	37	20
9	58	42	242	178	639	651	658	90	278	89	33	19
10	48	42	216	251	1,020	577	574	82	153	99	33	22
11	44	41	311	402	3,220	508	502	80	122	820	44	27
12	42	46	1,990	289	3,830	1,520	894	78	194	104	36	33
13	39	47	2,050	236	3,710	2,120	741	80	301	65	34	39
14	39	47	1,090	216	2,920	1,340	517	81	174	51	33	37
15	70	47	601	204	1,330	844	446	74	349	46	31	36
16	1,030	47	468	218	810	844	600	68	702	44	35	28
17	766	47	390	227	1,210	861	465	65	406	42	34	29
18	278	48	544	186	1,510	1,330	386	60	226	40	31	28
19	173	48	568	173	1,000	983	386	61	146	35	32	26
20	127	52	663	158	760	695	398	59	105	33	29	24
21	104	56	904	154	645	580	313	58	82	31	29	22
22	90	52	667	149	574	508	270	59	62	30	30	20
23	80	48	541	388	505	468	244	66	59	30	30	25
24	73	49	476	901	525	566	226	62	55	36	41	38
25	67	493	1,150	583	1,180	759	213	61	58	49	35	37
26	62	530	846	414	739	1,980	213	56	59	160	33	40
27	59	242	535	334	541	2,300	512	56	65	63	36	28
28	56	156	418	264	486	1,370	325	59	52	308	36	27
29	52	145	352	236	-----	799	213	58	49	449	32	37
30	49	145	309	233	-----	998	166	56	46	78	20	42
31	48	-----	278	236	-----	825	-----	51	-----	51	27	-----
TOTAL	4,529	2,827	20,968	8,690	31,189	34,026	18,821	2,502	4,434	3,176	1,061	906
MEAN	146	94.2	676	280	1,114	1,098	627	80.7	148	102	34.2	30.2
MAX	1,030	530	2,050	901	3,830	2,300	2,500	146	702	820	44	55
MIN	39	41	93	149	218	458	166	51	42	30	27	19
CFSM	-.57	-.37	2.64	1.10	4.35	4.29	2.45	-.32	-.58	-.40	-.13	-.12
IN.	-.66	-.41	3.05	1.26	4.53	4.94	2.73	-.36	-.64	-.46	-.15	-.13
CAL YR 1964: TOTAL	231,721	MEAN 632	MAX 5,640	MIN 24	CFSM 2.42	IN 33.32						
WAT YR 1965: TOTAL	153,129	MEAN 305	MAX 3,830	MIN 19	CFSM 2.42	IN 19.32						

2-4035 Coldwater Spring near Anniston, Ala

Location --Lat 33°36', long 85°55', in SE¼ sec 29, T 16 S, R 7 E, in pool of Coldwater Spring, 200 ft upstream from Coldwater Creek, 2 miles upstream from Choccolocco Creek, and 7 miles southwest of Anniston

Records available --July 1944 to March 1947, April 1957 to September 1965

Gage --Water-stage recorder and sharp-crested weir. Altitude of gage is 590 ft (from topographic map) July 1, 1944, to Mar 31, 1947, staff gage at same site and datum

Average discharge --10 years (1944-46, 1957-65), 47.2 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum daily		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Apr 14, 1961	53	-	Many days	36	-
1962	Feb 27, Mar 4, 1962	60	-	Dec 5, 1961	36	-
1965	May 1, 1965	60	-	Dec 19, 1962	43	-
1964	Many days	64	-	Many days	42	-
1965	do	55	-	Nov 29, 1964	43	-

1944-47, 1957-65 Maximum discharge for 5-day period, 64 cfs Apr 17-21, 1964, minimum discharge for 5-day period, 36.4 cfs Dec 5-9, 6-10, 1960

Remarks --Records good. Records of discharge include flow over weir and diversion from pool for municipal water supply for city of Anniston as determined by Venturi-meter readings. Average diversions for the water years 1961-65 were 13.1, 16.1, 16.5, 18.0, and 17.4 cfs, respectively

Cooperation --Records furnished by Anniston Water Department

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	38	38	37	36	38	51	50	52	48	48	45	43
2	38	38	37	36	37	50	52	51	48	48	45	42
3	38	36	37	38	37	50	51	50	48	47	46	42
4	38	37	37	38	36	50	51	51	48	47	45	43
5	39	37	37	37	37	50	51	51	48	47	44	44
6	39	37	36	38	37	50	51	50	47	47	45	43
7	39	37	37	37	38	51	50	50	48	47	44	43
8	39	36	36	37	37	52	50	51	48	47	45	43
9	39	37	36	37	37	51	51	51	48	47	45	43
10	39	37	37	37	38	49	51	51	48	47	45	43
11	39	37	38	37	38	49	51	51	47	47	46	43
12	39	36	37	38	37	49	52	50	47	46	44	43
13	39	37	36	38	38	50	52	50	48	46	43	42
14	39	37	37	38	38	50	53	50	48	47	44	43
15	39	38	37	37	38	50	52	51	48	46	44	43
16	39	38	37	37	38	50	51	49	47	46	45	42
17	39	37	37	36	38	50	52	49	47	46	45	41
18	39	37	37	37	37	49	51	49	48	46	42	42
19	38	37	37	37	39	49	51	49	48	46	42	42
20	39	37	38	37	41	50	51	49	48	46	44	40
21	38	37	36	37	46	51	52	49	47	46	42	42
22	38	36	37	37	50	50	52	49	47	45	43	43
23	38	37	37	38	50	50	51	49	47	46	43	42
24	38	37	37	37	51	50	52	49	47	46	44	40
25	38	37	37	37	52	50	52	49	46	46	44	43
26	38	37	38	38	52	49	52	49	47	45	43	41
27	38	38	37	38	52	50	52	48	48	45	44	42
28	38	37	37	37	52	50	51	49	48	45	44	42
29	37	38	37	36	-----	50	51	48	48	44	43	42
30	38	37	38	37	-----	49	51	48	47	46	44	42
31	39	-----	38	37	-----	51	-----	48	-----	46	43	-----
TOTAL	1,193	1,112	1,147	1,152	1,159	1,550	1,540	1,540	1,427	1,434	1,365	1,269
MEAN	38.5	37.1	37.0	37.2	41.4	50.0	51.3	49.7	47.6	46.3	44.0	42.3
MAX	39	38	38	38	52	52	53	52	48	48	46	44
MIN	37	36	36	36	36	49	50	48	46	44	42	40
CAL YR 1960: TOTAL	15,446											
WAT YR 1961: TOTAL	15,888											
			MEAN 42.2		MAX 51		MIN 36					
			MEAN 43.5		MAX 53		MIN 36					

2-4035 Coldwater Spring near Anniston, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	40	40	38	46	51	57	55	57	54	50	50	50
2	42	39	38	45	51	58	56	57	54	52	51	49
3	41	39	36	45	50	58	56	56	53	50	50	49
4	41	39	37	45	51	60	56	56	53	52	50	49
5	41	39	38	46	52	59	57	55	54	54	50	48
6	41	39	37	46	50	58	57	54	54	51	50	49
7	40	38	37	47	50	58	56	56	53	51	50	49
8	41	38	38	47	51	57	56	57	53	51	50	48
9	40	39	38	46	50	58	58	56	52	52	50	49
10	40	38	37	45	48	58	57	55	52	51	50	49
11	40	38	39	46	48	57	57	56	53	52	50	48
12	40	38	40	46	49	58	57	55	53	52	51	48
13	40	39	41	47	51	57	58	55	53	51	52	49
14	39	38	42	47	51	56	59	55	53	51	51	48
15	38	39	42	46	51	56	58	55	53	51	51	48
16	40	38	42	46	48	56	59	55	53	52	50	48
17	40	38	44	46	50	55	59	55	52	51	50	49
18	40	38	46	47	50	55	58	55	53	52	50	48
19	40	38	46	47	51	56	58	55	53	51	50	47
20	40	38	46	48	51	56	58	55	53	51	52	48
21	40	38	46	48	52	56	58	54	53	51	50	47
22	39	39	46	48	55	54	57	54	53	50	50	47
23	40	38	46	49	56	55	57	54	52	52	51	48
24	39	38	44	48	58	55	58	55	53	51	49	50
25	39	38	45	50	58	55	57	54	53	52	49	47
26	39	37	46	50	59	55	57	53	52	51	51	51
27	39	38	46	50	60	55	58	54	51	51	52	47
28	40	38	45	49	59	55	57	56	50	50	51	47
29	39	38	45	50	-----	55	56	54	51	51	51	47
30	39	37	45	51	-----	55	57	54	50	50	51	47
31	40	-----	45	50	-----	55	-----	53	-----	51	51	-----
TOTAL	1,237	1,149	1,301	1,467	1,463	1,748	1,717	1,709	1,579	1,588	1,564	1,493
MEAN	39.9	38.3	42.0	47.9	52.3	56.4	57.2	55.0	52.6	51.7	50.9	48.4
MAX	42	40	46	51	60	60	59	57	54	54	52	52
MIN	38	37	36	45	48	54	55	53	50	50	49	47

CAL YR 1961: TOTAL 16,123 MEAN 44.2 MAX 53 MIN 36
 MAY YR 1962: TOTAL 17,971 MEAN 49.2 MAX 60 MIN 36

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	47	45	46	47	51	51	54	60	56	55	50	51
2	47	45	46	47	51	50	55	59	54	51	49	47
3	48	45	47	47	51	51	54	57	55	54	49	47
4	48	45	47	47	51	52	55	58	55	54	49	47
5	49	45	47	46	52	53	55	58	55	54	49	47
6	49	45	47	47	51	52	54	58	55	54	48	47
7	49	45	46	47	53	53	53	58	56	54	49	46
8	49	46	46	46	52	53	53	58	55	54	49	46
9	48	46	46	46	52	54	54	58	54	54	49	47
10	47	44	46	46	52	53	54	58	55	53	49	47
11	47	45	45	46	52	55	53	58	54	53	48	46
12	47	45	46	46	51	53	53	58	54	53	48	46
13	47	44	46	46	52	56	53	57	54	52	48	46
14	48	44	46	47	51	56	53	57	53	53	48	45
15	47	45	46	47	51	56	53	58	54	53	47	46
16	47	45	46	47	51	56	53	58	54	53	48	46
17	47	45	45	48	50	56	53	57	54	53	47	46
18	47	44	45	47	49	56	53	56	53	53	48	46
19	47	45	43	48	51	57	53	57	53	54	48	46
20	47	45	45	49	51	57	53	57	54	52	48	46
21	47	47	45	49	50	56	53	57	53	50	48	46
22	47	46	44	51	50	55	52	57	53	47	47	45
23	44	46	44	51	51	55	52	56	53	50	49	45
24	46	46	44	51	51	55	52	56	53	50	48	45
25	45	46	45	50	52	56	51	57	54	44	48	46
26	46	46	45	51	51	54	52	56	54	46	48	46
27	45	47	45	50	50	55	52	57	53	50	48	45
28	46	47	46	50	51	54	52	57	53	50	50	45
29	46	47	45	50	-----	54	53	56	54	46	47	46
30	47	47	44	50	-----	53	58	55	53	50	47	46
31	46	-----	46	50	-----	54	-----	55	-----	50	47	-----
TOTAL	1,457	1,363	1,410	1,486	1,431	1,681	1,598	1,774	1,621	1,602	1,495	1,386
MEAN	47.0	45.6	45.5	47.9	51.1	54.2	53.3	57.2	54.0	51.7	48.2	46.2
MAX	49	47	47	51	53	57	58	60	56	55	50	51
MIN	44	44	43	45	49	50	51	55	53	44	47	45

CAL YR 1962: TOTAL 18,514 MEAN 50.7 MAX 60 MIN 43
 MAY YR 1963: TOTAL 18,304 MEAN 50.1 MAX 60 MIN 43

2-4035 Coldwater Spring near Anniston, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	45	44	42	45	52	52	60	62	59	54	51	50
2	45	43	43	45	51	54	60	62	58	54	50	51
3	45	43	44	45	52	55	61	62	58	54	53	51
4	44	44	43	45	53	56	60	62	59	53	52	50
5	44	44	43	46	54	55	60	62	59	53	52	49
6	45	44	44	45	52	55	61	62	59	53	52	50
7	46	44	43	47	52	54	63	62	58	53	53	50
8	46	44	42	47	50	56	64	62	58	54	52	51
9	45	43	43	47	51	57	63	62	58	54	51	51
10	44	43	43	48	51	56	63	62	58	54	52	50
11	45	44	43	49	50	56	63	62	58	54	52	50
12	44	43	44	50	50	54	63	62	58	55	51	50
13	44	43	45	48	52	56	63	62	57	55	51	49
14	45	44	44	48	50	55	64	61	57	54	52	49
15	44	43	45	49	51	56	64	61	58	54	51	49
16	45	43	46	49	49	60	63	61	58	53	49	49
17	45	43	46	50	52	60	64	61	58	53	51	49
18	45	43	45	48	52	60	64	61	57	53	50	49
19	45	43	46	48	52	60	64	61	58	53	52	48
20	44	44	47	48	52	60	64	61	57	54	51	48
21	46	43	45	48	52	58	64	61	58	54	51	49
22	45	43	46	48	52	59	64	61	56	54	51	49
23	44	42	45	48	52	58	63	60	55	53	50	49
24	45	42	46	50	53	59	63	60	54	54	51	48
25	45	43	45	50	53	60	62	60	55	54	51	48
26	44	43	46	52	53	59	62	60	53	52	52	48
27	45	43	45	53	54	60	63	60	54	53	51	48
28	46	43	44	52	53	62	62	60	54	53	51	48
29	44	44	44	52	52	61	62	59	55	52	51	48
30	44	42	45	52	-----	60	62	58	55	51	51	48
31	44	-----	46	51	-----	61	-----	58	-----	51	-----	-----
TOTAL	1,387	1,297	1,378	1,503	1,502	1,784	1,878	1,890	1,709	1,655	1,589	1,476
MEAN	44.7	43.2	44.5	48.5	51.8	57.5	62.6	61.0	57.0	53.4	51.3	49.2
MAX	44	44	47	53	54	62	64	62	59	55	53	51
MIN	44	42	42	45	49	52	60	58	53	51	49	48
CAL YR 1963: TOTAL 18,136	MEAN 49.7			MAX 60		MIN 42						
WAT YR 1964: TOTAL 19,048	MEAN 52.0			MAX 64		MIN 42						

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	48	46	46	46	48	48	55	52	50	49	48	47
2	48	46	45	46	47	49	54	51	50	48	48	46
3	48	47	46	46	47	49	53	51	50	48	47	46
4	48	46	45	47	47	49	54	52	50	48	47	45
5	48	47	45	48	48	48	54	52	48	49	46	44
6	47	45	45	47	48	50	54	51	49	49	47	44
7	48	46	46	47	48	49	54	51	49	49	46	46
8	48	47	45	47	48	50	54	51	50	49	47	46
9	47	46	45	47	49	50	55	51	50	49	48	46
10	47	46	45	46	48	50	54	51	50	49	48	45
11	47	46	46	46	49	50	54	51	50	49	47	44
12	46	44	46	47	49	50	55	51	50	50	47	44
13	48	44	44	47	50	50	53	51	50	48	47	46
14	48	45	45	47	51	50	54	50	50	48	46	46
15	46	44	44	47	51	51	54	50	50	49	46	46
16	47	45	46	47	51	51	53	50	50	49	47	45
17	48	46	46	46	51	51	53	50	50	51	47	45
18	47	46	45	47	51	50	52	49	49	49	47	44
19	47	46	46	47	51	51	53	51	50	48	46	44
20	47	45	46	47	51	50	52	51	50	48	47	45
21	47	44	46	48	49	50	52	50	50	48	46	45
22	46	44	46	48	50	51	52	50	50	48	46	44
23	45	45	47	49	52	53	53	50	50	48	47	44
24	47	46	47	48	52	52	53	51	50	48	47	45
25	46	46	46	48	51	54	52	51	50	47	47	44
26	47	44	46	48	50	52	53	49	49	47	47	43
27	47	45	46	47	51	53	52	50	48	48	46	45
28	47	45	47	48	50	53	52	50	49	48	45	44
29	47	43	47	49	-----	55	41	50	50	48	44	44
30	46	44	47	49	-----	54	52	50	49	48	46	43
31	46	-----	47	48	-----	55	-----	50	-----	48	46	-----
TOTAL	1,459	1,359	1,419	1,465	1,388	1,578	1,596	1,568	1,490	1,502	1,446	1,365
MEAN	47.1	45.3	45.8	47.3	49.6	50.9	53.2	50.6	49.7	48.4	46.6	44.8
MAX	48	47	47	49	52	55	55	52	50	51	48	47
MIN	45	43	44	46	47	48	51	49	48	47	44	43
CAL YR 1964: TOTAL 19,223	MEAN 52.5			MAX 64		MIN 43						
WAT YR 1965: TOTAL 17,615	MEAN 48.3			MAX 55		MIN 43						

2-4040 Choccolocco Creek near Jenifer, Ala

Location --Lat 33°34', long 85°56', in NW 1/4 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 1 1/2 miles north of Jenifer

Drainage area --281 sq mi

Records available --August 1903 to February 1908, May 1929 to March 1932, May 1935 to September 1965

Gage --Digital water-stage recorder Datum of gage is 554 15 ft above mean sea level, adjustment of 1903 Prior to July 25, 1942, staff gage, and July 26, 1942, to Feb 25, 1961, graphic water-stage recorder at present site and datum

Average discharge --36 years (1903-07, 1929-31, 1935-65), 395 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	0530	* 15,800	15 12	Jan 21, 1963	2330	3,220	7 07	Mar 16, 1964	1045	* 9,480	11 60
Feb 25, 1961	1300	8,870	11 42	Feb 5, 1963	0430	2,340	6 14	Mar 27, 1964	1945	3,790	7 56
Mar 9, 1961	0400	3,470	7 47	Mar 7, 1963	2400	2,620	6 44	Apr 8, 1964	0215	5,590	9 11
Apr 14, 1961	0400	2,360	6 28	Mar 13, 1963	2330	9,390	11 55	Apr 14, 1964	0200	2,620	6 36
Dec 13, 1961	1530	7,370	10 37	Apr 30, 1963	1000	* 22,500	17 68	Feb 13, 1965	0745	2,400	6 26
Dec 19, 1961	1900	6,010	9 43	Jan 11, 1964	0800	2,380	6 28	Mar 24, 1965	2400	* 3,070	6 96
Feb 23, 1962	0945	* 13,800	13 99	Jan 25, 1964	1700	5,640	9 18	Apr 7, 1965	1315	2,080	5 84
Apr 12, 1962	1400	4,220	7 95	Mar 3, 1964	1245	2,850	6 59				

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 29, 1961	a 85	-	1964	Oct 7, 1963	a 103	-
1962	Dec 4, 1961	76	-	1965	Sept 1, 9, 1965	a 83	-
1963	Oct 25, 1962	85	-				

a Minimum daily

1903-08, 1929-32, 1935-65 Maximum discharge, 22,500 cfs Apr 30, 1963 (gage height, 17 68 ft), minimum daily, 30 cfs Oct 10, 1931

Remarks --Records fair Some diurnal fluctuation caused by milldams above station and diversion (see Remarks for station 2-4035) from Coldwater Spring for municipal water supply for city of Anniston

Revisions (water years) --WSP 952 1904(M), WSP 1204 1936-39, 1946(F), 1949, WSP 1344 1906(M), 1930(W), WSP 1384 Drainage area, WSP 1624 1905-06

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	124	103	134	174	137	1,090	1,850	527	100	275	156	135
2	112	114	128	208	139	804	1,650	517	184	245	154	165
3	108	105	118	199	164	682	895	458	179	236	143	173
4	98	100	118	179	162	627	809	406	173	358	139	115
5	107	95	108	164	154	587	669	366	171	258	134	108
6	197	95	108	157	148	679	570	345	197	215	135	309
7	316	87	105	150	199	1,810	511	329	214	202	216	193
8	236	95	105	139	289	2,720	462	321	193	196	161	132
9	174	90	105	132	323	3,070	588	394	184	194	145	108
10	154	122	103	130	270	1,850	730	424	181	184	141	99
11	132	107	166	128	230	997	633	361	199	185	128	94
12	120	128	139	124	199	735	1,450	371	182	264	120	100
13	108	114	164	122	179	744	2,210	332	180	421	120	98
14	102	103	141	141	169	760	1,990	309	172	358	112	106
15	102	100	132	150	164	620	999	288	193	280	116	100
16	103	100	124	148	158	560	758	268	221	274	110	100
17	114	100	124	141	155	500	644	252	196	242	116	95
18	107	98	116	137	378	676	558	247	181	246	114	87
19	102	102	112	164	905	751	507	253	167	281	122	88
20	107	100	114	181	2,170	672	467	243	178	262	118	89
21	107	98	154	208	11,300	626	436	226	327	217	116	89
22	110	98	184	194	14,100	601	412	242	673	200	116	90
23	105	171	189	169	9,820	551	388	334	359	189	114	91
24	100	132	162	157	6,870	505	374	386	244	184	116	90
25	96	145	143	150	7,980	467	365	293	271	202	125	90
26	95	130	137	166	6,860	436	416	274	787	179	123	91
27	93	120	132	171	3,350	409	780	254	1,110	168	114	91
28	93	112	130	181	1,610	430	1,140	231	783	164	107	90
29	93	137	128	166	-----	424	1,270	213	420	168	107	85
30	95	123	137	148	-----	411	649	203	323	170	105	86
31	107	-----	141	143	-----	1,300	-----	195	-----	155	149	-----
TOTAL	3,817	3,324	4,101	4,921	68,582	27,094	25,180	9,862	9,032	7,172	3,992	3,347
MEAN	123	111	132	159	2,444	874	839	301	301	231	129	112
MAX	316	171	189	208	14,100	3,070	2,210	527	1,110	421	216	309
MIN	93	87	103	122	137	409	365	195	167	155	105	85
CFSM	.44	.39	.47	.56	8.72	3.11	2.99	1.13	1.07	.82	.46	.40
IN.	.51	.44	.54	.65	9.08	3.59	3.33	1.31	1.20	.95	.53	.44

CAL YR 1960: TOTAL 100,778 MEAN 275 MAX 2,060 MIN 87 CFSM .98 IN 13.34
WAT YR 1961: TOTAL 170,424 MEAN 467 MAX 14,100 MIN 85 CFSM 1.66 IN 22.56

2-4040 Choccolocco Creek near Jenifer, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	87	97	82	516	724	854	1,390	430	196	150	147	99
2	86	91	81	525	628	731	1,320	390	213	140	139	98
3	153	91	82	468	555	662	793	362	195	150	139	96
4	155	109	79	426	507	609	639	344	268	170	148	98
5	150	135	92	410	473	568	587	332	356	200	134	104
6	113	118	126	912	441	525	794	312	281	210	125	101
7	100	111	132	1,480	405	490	986	314	230	500	128	102
8	98	92	130	1,370	395	464	890	302	230	700	164	102
9	94	88	112	860	411	516	719	280	197	350	175	99
10	95	85	597	630	395	739	612	276	184	220	153	117
11	95	85	1,000	525	362	1,370	1,070	272	188	180	133	130
12	95	87	2,420	450	343	1,570	3,450	263	325	160	124	109
13	95	84	5,470	418	339	1,260	3,290	243	337	150	145	113
14	95	85	3,990	402	331	854	2,510	232	270	150	463	133
15	92	88	1,900	480	321	698	1,390	221	219	140	172	111
16	91	111	1,050	562	468	609	930	215	192	182	141	136
17	95	102	1,090	498	488	541	745	221	182	322	120	282
18	96	114	3,900	455	447	493	603	215	172	227	112	148
19	96	103	5,750	1,180	717	465	607	212	171	176	108	134
20	96	90	3,840	1,620	667	454	554	203	183	157	97	116
21	97	87	1,620	1,260	694	705	504	196	183	152	106	104
22	98	84	828	828	4,750	671	470	208	181	163	113	98
23	100	159	655	1,130	11,200	550	448	206	172	151	101	99
24	98	170	581	1,440	5,580	477	427	194	165	168	123	97
25	98	158	498	1,320	3,060	492	495	187	150	214	102	101
26	97	116	446	996	2,240	687	642	180	150	195	99	159
27	97	98	418	1,100	1,390	687	527	175	160	166	94	145
28	96	95	572	1,510	1,050	568	446	171	160	159	96	113
29	95	87	620	1,520	-----	501	557	172	170	155	97	105
30	91	84	498	1,190	-----	470	530	222	160	159	97	100
31	94	-----	438	885	-----	935	-----	214	-----	155	97	-----
TOTAL	3,138	3,104	39,097	27,546	39,381	21,195	28,994	7,764	6,236	6,471	4,193	3,249
MEAN	101	103	1,261	889	1,406	686	967	258	208	209	135	116
MAX	155	170	5,750	1,620	11,200	1,570	3,450	330	356	700	463	282
MIN	86	84	79	402	321	454	427	171	150	140	94	96
CFSM	.36	.37	4.49	3.16	5.01	2.43	3.44	.89	.74	.74	.48	.42
IN.	.42	.41	5.17	3.65	5.21	2.81	3.84	1.03	.83	.86	.55	.47

CAL YR 1961: TOTAL 204,521

MEAN 560

MAX 14,100

MIN 79

CFSM 1.99

IN 27.07

WAT YR 1962: TOTAL 190,668

MEAN 522

MAX 11,200

MIN 79

CFSM 1.86

IN 25.23

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	99	101	216	459	880	493	480	5,370	247	279	209	126
2	139	103	205	394	787	701	450	2,260	231	236	182	124
3	1,340	194	198	346	1,590	714	440	1,020	222	245	174	120
4	798	106	200	313	2,060	552	420	697	218	332	157	120
5	212	99	199	293	2,010	571	410	565	213	248	153	122
6	140	100	202	276	1,100	1,850	420	496	209	222	149	122
7	125	102	188	254	808	2,420	450	453	201	208	152	124
8	124	116	197	254	664	1,950	420	403	195	216	143	120
9	115	261	191	243	542	944	380	368	198	230	140	124
10	111	434	184	236	486	725	350	345	187	203	138	114
11	105	284	180	359	455	620	350	326	181	190	135	118
12	101	205	175	1,120	473	2,230	350	312	178	185	129	112
13	98	214	172	1,310	436	7,790	333	299	172	182	151	112
14	98	224	167	809	397	5,930	327	377	169	182	260	112
15	94	182	167	561	365	2,280	316	349	165	185	158	118
16	96	163	168	460	339	1,270	315	307	173	219	135	112
17	97	164	170	402	326	1,020	316	291	187	245	123	114
18	97	229	169	446	321	1,020	290	340	211	279	119	114
19	96	273	164	821	578	932	276	331	200	376	114	114
20	96	284	161	1,900	651	960	308	285	205	272	122	112
21	98	559	164	2,830	521	859	383	280	308	242	155	112
22	95	1,040	511	2,520	436	690	332	263	472	254	132	109
23	97	904	485	1,270	396	622	297	247	765	211	128	98
24	96	420	325	844	395	588	272	236	710	219	119	100
25	93	313	724	630	385	558	298	230	372	212	118	100
26	94	271	1,140	576	361	672	320	275	301	204	116	98
27	95	245	780	596	338	896	295	440	301	191	122	114
28	94	227	497	522	326	721	347	415	368	179	172	290
29	95	227	511	447	-----	618	1,140	385	285	175	181	266
30	99	223	652	596	-----	563	16,000	334	272	175	156	260
31	101	-----	593	892	-----	510	-----	278	-----	184	136	-----
TOTAL	5,238	8,177	10,065	22,987	18,426	42,269	27,085	18,577	8,116	6,980	4,578	3,901
MEAN	169	273	325	742	658	1,364	903	599	271	225	148	130
MAX	1,340	1,040	1,140	2,830	2,060	7,790	16,000	5,370	765	376	260	290
MIN	93	99	161	236	321	493	272	230	165	175	114	98
CFSM	.60	.97	1.16	2.64	2.34	4.85	3.21	2.13	.96	.80	.53	.46
IN.	.69	1.08	1.33	3.04	2.44	5.59	3.58	2.46	1.07	.92	.61	.52

CAL YR 1962: TOTAL 168,809

MEAN 463

MAX 11,200

MIN 93

CFSM 1.65

IN 23.34

WAT YR 1963: TOTAL 176,399

MEAN 482

MAX 16,000

MIN 93

CFSM 1.72

IN 22.34

2-4040 Choccolocco Creek near Jenifer, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	140	121	233	208	751	488	685	771	244	168	207	121
2	124	127	160	228	626	1,050	628	936	242	232	207	115
3	116	124	154	251	512	2,440	600	1,670	231	219	154	112
4	113	129	147	387	455	2,470	599	1,880	219	272	147	114
5	109	125	140	525	443	1,860	550	1,340	220	214	148	115
6	104	135	132	489	523	1,580	2,370	815	241	181	147	116
7	103	127	128	463	529	1,300	4,890	661	242	170	146	114
8	104	124	136	450	469	1,270	4,730	578	229	175	144	113
9	108	122	128	1,390	420	1,100	2,390	523	209	187	162	117
10	106	117	132	2,130	387	1,010	1,350	495	200	201	147	117
11	104	116	494	2,060	378	905	1,010	472	194	197	154	119
12	105	115	1,160	864	355	745	925	469	187	316	151	145
13	106	112	1,080	581	381	646	2,050	475	189	297	151	134
14	107	111	882	442	530	871	2,590	425	191	293	147	132
15	110	109	780	372	617	6,580	2,110	396	181	222	145	129
16	111	114	485	332	783	8,290	1,380	372	173	220	162	121
17	111	112	339	315	920	3,850	1,020	353	171	172	162	122
18	112	114	282	295	1,190	1,760	848	340	173	163	164	123
19	114	118	242	279	1,450	1,200	752	326	170	158	153	138
20	114	116	219	298	1,340	1,010	678	313	164	174	143	134
21	107	120	205	279	850	894	617	302	161	230	142	134
22	112	122	192	279	662	772	573	288	159	187	189	139
23	113	147	219	257	558	672	545	299	186	182	140	142
24	114	138	214	730	493	608	528	325	215	164	145	143
25	115	143	203	4,680	655	747	539	323	270	156	138	142
26	118	145	187	4,870	742	2,190	590	282	307	149	131	141
27	118	140	182	2,560	652	3,450	892	263	253	141	128	144
28	116	156	177	1,080	596	2,570	1,120	253	202	140	124	141
29	120	418	172	717	542	1,290	976	249	177	139	124	154
30	116	450	163	585	909	1,070	249	173	140	120	120	279
31	115	-----	170	593	-----	754	-----	253	-----	171	119	-----
TOTAL	3,485	4,367	9,537	28,989	18,809	55,281	39,564	16,696	6,173	6,030	4,646	4,010
MEAN	112	146	308	935	649	1,783	1,319	539	195	195	150	134
MAX	140	450	1,160	4,080	2,450	8,290	4,890	1,680	307	316	207	279
MIN	103	109	128	208	355	488	528	249	159	139	119	112
CFSM	.40	.52	1.09	3.33	2.31	6.35	4.69	1.92	.73	.69	.53	.48
IN.	.46	.58	1.26	3.84	2.49	7.32	5.24	2.21	.82	.80	.61	.53

CAL YR 1963: TOTAL 170,308 MEAN 467 MAX 16,000 MIN 98
WAT YR 1964: TOTAL 197,587 MEAN 540 MAX 8,290 MIN 103 CFSM 1.66 IN 22.54
CFSM 1.92 IN 26.13

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	238	131	160	295	269	375	684	270	171	170	122	83
2	216	124	156	282	334	658	609	263	171	192	112	95
3	180	126	151	318	346	1,040	581	253	182	173	110	106
4	199	129	548	305	314	1,100	764	249	195	180	116	97
5	400	126	591	276	290	1,280	1,240	242	202	183	103	96
6	322	128	387	257	295	1,100	1,560	236	270	282	100	89
7	210	128	279	247	748	789	1,940	231	357	189	103	86
8	167	127	239	239	1,030	665	1,160	227	368	183	108	87
9	154	123	216	234	761	580	800	222	299	168	105	83
10	146	126	203	417	623	514	659	219	234	153	131	85
11	141	125	211	485	700	462	572	219	358	148	106	85
12	136	125	350	396	1,590	917	551	249	483	142	105	92
13	137	127	455	334	2,250	1,360	513	224	337	143	104	89
14	136	125	379	296	1,840	1,200	449	205	314	139	102	88
15	272	127	295	277	997	857	423	197	250	149	104	91
16	469	127	257	290	674	708	453	192	220	179	110	98
17	458	129	236	285	744	633	428	194	209	157	94	90
18	265	132	266	269	941	669	377	189	192	147	96	90
19	194	141	257	251	801	581	376	216	181	141	91	101
20	170	149	318	241	639	501	375	227	173	141	90	91
21	158	137	376	232	543	449	350	208	165	140	87	93
22	151	136	368	223	473	408	327	241	161	141	89	90
23	147	126	322	400	422	490	311	219	157	144	89	98
24	141	134	262	798	406	2,300	199	196	161	160	87	102
25	140	395	700	683	489	2,310	297	193	160	166	87	113
26	131	459	700	482	485	1,680	309	189	164	174	96	101
27	130	257	610	388	407	1,770	406	187	206	182	103	92
28	130	208	472	330	378	1,500	351	190	173	281	106	92
29	129	185	383	300	-----	1,060	299	191	162	470	84	92
30	133	172	332	287	-----	1,020	281	181	161	216	84	108
31	131	-----	315	273	-----	820	-----	176	-----	139	85	-----
TOTAL	6,131	4,786	10,824	10,390	19,789	29,796	17,744	6,695	6,836	5,572	3,109	2,803
MEAN	198	159	349	335	707	961	591	216	228	180	100	93.4
MAX	469	459	700	798	2,250	2,310	1,940	270	483	470	134	113
MIN	129	123	151	223	269	375	281	176	157	139	84	83
CFSM	.70	.57	1.24	1.19	2.52	3.42	2.10	.77	.81	.64	.36	.33
IN.	.81	.63	1.43	1.38	2.62	3.94	2.35	.89	.90	.74	.41	.37

CAL YR 1964: TOTAL 201,937 MEAN 552 MAX 8,290 MIN 112 CFSM 1.96 IN 26.73
WAT YR 1965: TOTAL 124,473 MEAN 341 MAX 2,510 MIN 85 CFSM 1.21 IN 16.47

2-4044 Choccolocco Creek at Jackson Shoals, near Lincoln, Ala

Location --Lat 33°32'50", long 86°05'40", in SE¼ sec 15, T 17 S, R 5 E, on left bank at foot of Jackson Shoals, 50 ft upstream from Alabama Power Company Jackson Shoals transformer station, 900 ft upstream from highway bridge, 1.8 miles downstream from Eastaboga Creek, and 4.5 miles southeast of Lincoln

Drainage area --484 sq mi

Records available --October 1960 to September 1965

Gage --Digital water-stage recorder Datum of gage is 448.50 ft above mean sea level (Alabama Power Company bench mark)

Average discharge --5 years, 81.7 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (5,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	0415	* 25,700	36.78	Feb 23, 1962	1800	* 14,000	31.00	Jan 25, 1964	1215	10,700	28.66
Mar 8, 1961	1845	6,900	25.85	Apr 12, 1962	1745	10,200	28.30	Mar 15, 1964	2115	* 15,200	31.80
Mar 31, 1961	1445	6,170	25.26	Oct 3, 1962	1315	5,500	24.70	Mar 26, 1964	1515	6,300	25.37
Apr 12, 1961	1445	5,440	24.65	Mar 13, 1963	0515	15,200	31.79	Apr 6, 1964	1845	9,270	27.62
Dec 13, 1961	2145	7,920	28.63	Apr 30, 1963	1545	* 36,900	39.98	Feb 12, 1965	1545	* 4,720	24.01
Dec 19, 1961	-	-	-								

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	172	17.70	1964	Oct 25, 1963	a 177	17.72
1962	Oct 23, 27-29, 1961	163	17.66	1965	Sept 22, 1963	a 185	17.75
1963	Sept 25, 1963	165	17.67				

a Minimum daily

1961-65 Maximum discharge, 36,900 cfs Apr 30, 1963 (gage height, 39.98 ft), minimum, 163 cfs Oct 23, 27-29, 1961

Flood of March 1951 reached a stage of 48.4 ft, from floodmarks

Remarks --Records fair. Some diurnal fluctuation caused by milldams above station and diversion (see remarks for station 2-4035) from Coldwater Spring for municipal water supply for city of Anniston

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	260	222	238	338	270	2,200	3,390	932	371	484	273	311
2	240	214	241	372	260	1,530	2,790	921	356	432	269	292
3	220	232	233	377	290	1,230	1,820	816	344	401	268	287
4	210	223	226	342	323	1,050	1,660	737	331	494	261	245
5	250	209	223	316	318	939	1,330	676	331	458	254	235
6	440	199	218	299	301	1,260	1,100	632	349	389	349	748
7	620	195	217	285	343	5,100	961	606	428	386	530	497
8	500	192	216	277	477	5,360	868	580	385	708	424	334
9	390	192	212	266	542	4,800	1,100	680	363	411	343	268
10	340	219	211	252	510	3,290	1,420	736	345	360	324	243
11	280	235	260	250	450	2,040	1,160	644	383	342	296	230
12	240	222	296	247	404	1,500	3,700	671	359	449	273	226
13	220	230	289	249	371	1,530	3,530	625	352	808	259	252
14	210	216	285	272	353	1,640	3,200	571	342	663	247	237
15	210	207	264	287	337	1,300	1,930	541	335	527	241	245
16	240	206	250	287	324	1,100	1,420	514	416	487	233	232
17	220	203	244	270	311	1,000	1,170	499	372	461	231	222
18	220	200	241	260	536	1,500	991	476	352	951	227	213
19	210	199	231	300	2,130	1,500	895	483	329	703	222	208
20	229	199	231	350	4,390	1,300	826	469	321	595	217	206
21	221	198	274	370	17,000	1,060	776	443	458	481	217	204
22	224	194	310	360	22,700	990	735	434	987	424	209	200
23	223	301	356	330	17,200	902	701	555	704	388	223	196
24	213	321	326	310	9,900	816	680	627	473	368	243	191
25	205	271	295	300	15,000	765	659	552	444	378	218	189
26	202	240	276	320	9,800	722	750	544	949	350	232	186
27	199	220	267	360	5,700	688	1,680	499	1,720	325	225	185
28	196	210	253	350	3,300	715	1,860	459	1,350	312	223	183
29	194	237	250	330	-----	742	1,980	418	734	296	218	179
30	194	247	258	300	-----	746	1,240	402	563	299	213	175
31	206	-----	270	280	-----	3,870	-----	380	-----	284	244	-----
TOTAL	8,028	6,653	7,961	9,506	113,840	53,185	46,322	18,142	15,546	14,416	8,206	7,931
MEAN	259	222	257	307	4,064	1,716	1,544	585	518	465	265	251
MAX	620	321	356	377	22,700	5,360	3,700	932	1,720	951	530	748
MIN	194	192	211	247	260	688	659	380	321	284	209	175
CFSM	.54	.46	.53	.63	8.40	3.54	3.19	1.21	1.07	.96	.55	.52
IN.	.62	.51	.61	.73	6.75	4.09	3.56	1.39	1.19	1.11	.63	.59

CAL YR 1960: TOTAL 309,426 MEAN 848 MAX 22,700 MIN 175 CFSM 1.75 IN 23.78
 MAY YR 1961: TOTAL 309,426 MEAN 848 MAX 22,700 MIN 175 CFSM 1.75 IN 23.78

2-4044 Choccolocco Creek at Jackson Shoals, near Lincoln, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	172	170	191	900	1,360	1,540	2,150	828	433	294	297	199
2	173	170	189	887	1,170	1,320	1,970	754	423	304	284	197
3	230	175	186	815	1,070	1,200	1,310	707	459	304	282	196
4	273	183	188	760	961	1,100	1,080	568	506	364	302	195
5	260	230	193	730	899	1,030	969	641	615	418	285	200
6	226	214	234	1,890	832	955	1,260	618	561	429	271	195
7	201	210	294	2,300	769	894	1,630	604	521	907	260	192
8	193	197	271	2,290	746	850	1,510	586	468	1,060	287	195
9	188	185	259	1,430	763	905	1,260	568	443	545	315	195
10	184	180	1,410	1,080	735	1,200	1,060	552	441	411	313	189
11	182	180	1,530	915	687	2,440	1,780	537	441	357	273	234
12	181	180	5,860	818	660	2,380	7,330	521	588	329	254	217
13	177	181	6,660	759	647	1,980	5,110	507	606	310	242	208
14	176	178	5,800	743	628	1,450	3,740	489	588	295	479	298
15	172	179	4,000	875	609	1,180	2,470	469	476	293	449	243
16	169	189	1,900	1,020	840	1,050	1,670	463	422	287	332	255
17	168	210	2,000	908	800	941	1,370	458	394	394	278	1,500
18	168	201	5,800	820	767	860	1,230	460	358	286	251	400
19	169	211	6,400	2,730	1,180	827	1,120	443	366	331	282	300
20	169	196	6,000	2,750	1,020	814	1,020	426	372	291	232	257
21	169	186	3,400	2,200	1,090	1,110	951	415	390	277	259	232
22	167	183	1,700	1,540	8,860	1,100	892	437	380	285	305	215
23	166	257	1,200	2,010	13,100	926	843	429	358	286	251	400
24	166	341	1,000	2,470	9,270	829	816	426	312	286	250	203
25	168	320	900	2,210	4,550	834	818	409	306	395	239	213
26	167	260	800	1,700	3,580	996	1,070	397	319	405	224	293
27	165	227	740	2,220	2,430	1,060	960	384	322	376	220	223
28	166	209	974	1,880	1,840	918	832	377	310	317	209	223
29	165	201	951	2,700	-----	834	958	370	333	317	209	223
30	166	193	840	2,110	-----	788	996	436	326	314	206	211
31	167	-----	762	1,640	-----	1,640	-----	437	-----	314	203	-----
TOTAL	5,663	6,206	62,854	49,100	61,863	35,951	50,175	15,823	12,896	11,959	8,494	8,239
MEAN	163	207	2,028	1,526	2,009	1,150	1,673	510	430	386	274	275
MAX	273	341	6,660	2,880	13,100	2,440	7,330	828	615	1,060	479	1,500
MIN	165	170	186	730	609	788	816	370	306	277	203	189
CFSM	.38	.43	4.19	3.27	4.56	2.40	3.46	1.05	.89	.80	.57	.57
IN.	.44	.48	4.83	3.77	4.75	2.76	3.86	1.22	.99	.92	.65	.63

CAL YR 1961: TOTAL 361,507 MEAN 990 MAX 22,700 MIN 165 CFSM 2.05 IN 27.78
 MAY YR 1962: TOTAL 329,223 MEAN 902 MAX 13,100 MIN 165 CFSM 1.86 IN 25.30

Note --No gage-height record Dec 14-27

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	205	217	402	725	1,400	812	806	10,600	532	531	360	240
2	222	217	378	640	1,270	1,200	757	5,640	505	459	310	220
3	2,950	214	366	581	3,040	1,160	730	1,900	483	433	300	220
4	1,530	211	350	536	2,780	978	700	1,380	473	478	280	220
5	620	205	354	500	2,700	927	670	1,160	463	436	270	220
6	402	195	354	473	1,740	3,490	680	1,070	451	384	260	220
7	334	192	342	451	1,330	3,130	746	972	436	397	246	210
8	322	203	342	437	1,120	2,780	730	885	428	411	243	200
9	290	354	326	419	990	1,600	670	820	424	396	218	220
10	280	595	326	410	894	1,240	645	773	419	371	214	210
11	269	541	306	482	856	1,090	626	738	403	343	220	189
12	252	390	294	1,740	883	3,670	597	689	392	320	213	187
13	246	386	283	1,670	834	12,900	572	649	381	308	240	187
14	237	390	283	1,270	757	8,140	549	748	374	306	410	191
15	234	350	276	916	705	3,400	529	758	364	302	300	194
16	225	306	280	773	660	1,970	521	670	380	338	230	191
17	222	287	283	695	630	1,600	513	631	362	364	220	187
18	219	366	283	746	610	1,460	508	667	350	551	210	190
19	217	451	276	1,400	1,070	1,460	492	655	366	559	200	189
20	217	467	276	3,580	1,160	1,890	569	607	361	524	220	183
21	211	1,040	276	3,770	990	1,460	751	587	533	423	270	183
22	211	1,600	545	3,400	839	1,190	637	560	701	409	240	178
23	205	1,330	795	1,970	751	1,060	556	534	1,290	370	220	176
24	205	790	563	1,400	740	984	507	508	1,240	380	220	172
25	200	605	1,060	1,080	740	922	511	497	729	360	210	171
26	195	527	1,530	990	695	1,330	580	548	570	350	200	172
27	195	478	1,160	1,030	655	1,400	538	778	548	330	210	180
28	195	446	817	911	630	1,200	586	844	582	320	290	370
29	195	415	751	806	-----	1,010	548	3,080	549	310	431	431
30	195	415	861	938	-----	905	28,300	657	488	310	280	409
31	211	-----	878	1,330	-----	845	-----	586	-----	320	250	-----
TOTAL	11,711	14,207	15,616	36,069	31,469	67,203	48,656	36,821	15,577	12,113	7,864	6,510
MEAN	378	474	504	1,168	1,124	2,168	1,622	1,188	519	391	254	217
MAX	2,950	1,600	1,530	3,770	3,060	12,900	28,300	10,600	1,290	959	410	431
MIN	195	192	276	410	610	812	492	497	350	302	200	171
CFSM	.78	.98	1.04	2.40	2.32	4.48	3.35	2.45	1.07	.81	.52	.45
IN.	.90	1.09	1.20	2.77	2.42	5.16	3.74	2.83	1.20	.93	.60	.50

CAL YR 1962: TOTAL 296,034 MEAN 811 MAX 13,100 MIN 189 CFSM 1.68 IN 22.75
 MAY YR 1963: TOTAL 303,816 MEAN 832 MAX 28,300 MIN 171 CFSM 1.72 IN 25.34

2-4044 Choccolocco Creek at Jackson Shoals, near Lincoln, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	296	188	510	406	1,230	900	1,230	1,230	549	444	363	219
2	235	198	347	434	1,030	2,200	1,150	1,640	546	494	365	217
3	217	185	313	462	892	3,200	1,100	2,550	531	527	323	214
4	214	190	289	729	814	3,400	1,100	2,420	507	533	286	211
5	209	198	283	930	788	3,140	1,020	1,960	505	511	277	211
6	201	210	269	897	882	2,330	5,450	1,320	574	464	277	210
7	198	210	233	886	879	2,100	6,930	1,240	569	424	274	205
8	197	204	228	840	810	2,000	5,980	1,010	549	348	269	203
9	204	202	236	2,000	736	1,720	3,440	944	530	338	267	203
10	204	201	227	3,400	692	1,630	2,080	905	499	370	282	203
11	201	199	585	3,200	676	1,460	1,650	872	481	401	266	205
12	201	200	1,900	1,400	643	1,260	1,510	910	450	450	276	225
13	196	195	1,450	950	644	1,130	4,390	894	450	599	266	231
14	194	193	1,550	850	848	1,470	4,060	817	460	527	267	220
15	187	193	1,260	800	938	11,000	3,200	752	449	455	255	220
16	186	198	918	700	1,170	11,100	2,230	719	428	422	256	219
17	182	207	679	600	1,250	5,840	1,720	693	422	379	326	205
18	181	202	578	550	2,030	2,850	1,470	671	419	355	274	208
19	182	201	510	520	2,140	2,010	1,330	650	419	354	268	212
20	180	203	463	560	1,940	1,750	1,200	627	412	421	249	222
21	185	202	430	610	1,400	1,540	1,100	601	412	600	238	228
22	180	201	414	584	1,120	1,340	1,040	590	408	457	345	228
23	178	215	436	552	960	1,190	1,000	590	402	414	273	228
24	178	219	437	1,370	900	1,110	970	676	499	368	264	237
25	177	214	416	8,870	1,100	1,250	980	657	515	374	259	235
26	178	219	398	5,880	1,200	4,620	1,030	608	705	337	244	234
27	178	220	383	3,720	1,100	4,250	1,650	574	597	318	236	234
28	180	232	366	1,740	1,000	3,600	1,570	555	517	309	226	234
29	179	593	354	1,490	950	2,060	1,480	561	468	309	226	243
30	179	664	347	1,000	-----	1,550	1,460	543	432	283	228	242
31	180	-----	360	958	-----	1,320	-----	545	-----	282	225	-----
TOTAL	6,037	6,956	17,169	47,588	30,762	86,320	64,500	29,304	14,704	12,872	8,450	6,706
MEAN	195	232	554	1,535	1,061	2,785	2,150	945	490	415	273	224
MAX	296	206	644	1,900	8,870	2,140	11,100	705	500	600	365	242
MIN	177	185	227	406	643	900	970	541	402	282	225	203
CFSM	.40	.48	1.14	3.17	2.19	5.75	4.44	1.95	1.01	.86	.56	.46
IN.	.46	.53	1.32	3.66	2.36	6.63	4.96	2.25	1.13	.99	.65	.52
CAL YR 1963: TOTAL	292,444			MEAN 801		MAX 28,300	MIN 171	CFSM 1.66	IN 22.47			
WAT YR 1964: TOTAL	331,368			MEAN 905		MAX 11,100	MIN 177	CFSM 1.87	IN 25.46			

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	451	240	290	539	521	703	1,310	541	294	299	281	194
2	359	240	280	509	629	1,120	1,180	524	287	306	263	217
3	312	237	275	542	634	1,570	1,100	502	289	323	254	238
4	310	241	305	522	599	1,720	1,230	406	311	533	261	194
5	640	234	978	497	558	1,810	1,660	470	345	551	246	217
6	595	250	720	469	554	1,670	1,940	457	364	569	238	210
7	456	248	514	454	1,080	1,310	2,340	442	447	420	234	201
8	330	245	432	439	1,390	1,130	1,780	431	601	400	243	196
9	300	241	305	425	1,220	1,020	1,300	617	500	363	241	194
10	280	231	361	718	1,030	932	1,120	406	405	330	275	191
11	270	231	347	917	1,150	856	1,000	398	502	314	248	191
12	260	228	564	792	3,560	1,550	972	422	672	297	227	192
13	260	225	690	639	3,280	2,000	927	404	570	287	225	198
14	250	225	651	572	2,630	1,800	845	385	737	282	220	187
15	360	222	524	531	1,690	1,410	794	370	478	279	217	188
16	800	222	460	541	1,230	1,220	847	356	454	311	231	190
17	794	219	422	529	1,300	1,110	801	346	405	301	219	191
18	611	222	486	503	1,640	1,220	730	343	379	277	218	193
19	390	228	488	475	1,420	1,060	726	345	352	263	209	193
20	310	241	592	459	1,180	949	725	402	332	255	210	191
21	290	235	757	449	1,040	863	677	376	318	247	220	187
22	280	229	697	431	923	806	637	386	303	242	212	185
23	270	225	619	686	841	954	608	374	299	241	216	189
24	260	234	563	1,420	803	3,690	585	356	308	251	222	216
25	250	610	1,080	1,140	891	3,490	578	337	316	264	208	208
26	240	662	1,230	885	866	2,670	589	330	306	343	215	205
27	240	801	1,130	732	774	2,700	800	330	318	337	209	195
28	240	381	870	638	724	2,290	725	331	341	313	237	187
29	240	340	711	586	-----	1,780	618	330	303	637	216	188
30	243	312	625	565	-----	1,910	566	319	290	432	203	206
31	243	-----	578	534	-----	1,950	-----	303	-----	326	200	-----
TOTAL	11,134	8,395	19,213	19,098	34,159	48,863	29,710	12,218	11,831	10,593	7,118	5,958
MEAN	359	280	620	616	1,220	1,576	990	394	394	342	230	199
MAX	800	662	1,230	1,420	3,560	3,690	2,340	541	737	637	281	238
MIN	240	219	275	425	521	703	566	343	287	241	200	185
CFSM	-174	-519	1.28	1.27	2.52	3.26	2.28	.81	.81	.71	.47	.41
IN.	.86	.65	1.48	1.47	2.62	3.75	2.28	.94	.91	.81	.55	.46
CAL YR 1964: TOTAL	339,948			MEAN 929		MAX 11,100	MIN 203	CFSM 1.22	IN 28.17			
WAT YR 1965: TOTAL	218,290			MEAN 598		MAX 3,690						

2-4055 Kelly Creek near Vincent, Ala

Location --Lat 33°26'50", long 86°23'15", in SW $\frac{1}{4}$ sec 24, T 18 S, R 2 E, on downstream side of left pier of bridge on State Highway 53, 1.5 miles downstream from Little Creek, 4.2 miles north of Vincent, and 5.2 miles (revised) upstream from mouth

Drainage area --192 sq mi

Records available --November 1951 to September 1965

Gage --Digital water-stage recorder Datum of gage is 404.09 ft above mean sea level, datum of 1929 Prior to July 8, 1964, graphic water-stage recorder at same site and datum

Average discharge --13 years (1952-65), 319 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (5,000 cfs), water years 1961-65									
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time
Feb 22, 1961	0200	* 30,900	27.08	Feb 23, 1962	0830	a 8,420	19.50	Jan 25, 1964	1800
Apr 1, 1961	-	-	-	Jan 20, 1963	1800	6,730	17.39	Mar 16, 1964	0630
				Mar 6, 1963	2100	5,080	15.25	Apr 7, 1964	1800
Dec 13, 1961	0030	* 13,700	22.80	Apr 30, 1963	2400	* a 8,850	19.90		
Dec 19, 1961	0330	a 7,660	20.00						

a Backwater from Coosa River

Annual minimum discharge, water years 1961-65									
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height	Water year	Date
1961	Oct 5, 1960	14	1.32	1964	Sept 17, 1964	2.1	0.98		
1962	Sept 6, 1962	3.7	88	1965	Sept 25, 1965	3.1			
1963	Nov 6, 1962	3.2	-						

1961-65 Maximum discharge, 30,900 cfs Feb 22, 1961 (gage height, 27.08 ft), minimum, 1.2 cfs Oct 26, 1964

Remarks --Records good

Revisions --WSP 1384 Drainage area Revised figures of discharge, in cubic feet per second, for water years 1952, 1957, superseding figures published in WSP 1234, 1504, are given herewith

1951			1951-Con			1957-Con			1957-Con		
Dec 21	7,280		Dec 28	1,220		Feb 5	1,640		Feb 12	290	
22	5,840		29	872		6	1,510		12	7,880	
23	1,690		30	682		7	1,040		6	6,690	
24	959		31	572		8	755		7	1,790	
25	695					9	591		8	932	
26	2,330		1957			10	499		9	645	
27	2,270		Feb 4	2,530		11	415		10	525	
									11	445	

Month	Cfs-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
December 1951	35,111	7,280	36	1,133	5.90	8.98
February 1957	20,206	2,530	107	722	3.76	3.91
April 1957	31,973	7,880	114	1,066	5.55	6.19
Water year 1956-57	99,099.4	7,880	2.0	272	1.42	19.19
Calendar year 1957	135,732.1	7,860	4.1	372	1.94	26.29

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	30	52	163	913	211	1,000	6,000	305	36	65	436
2	23	46	127	565	202	840	4,500	364	33	52	186
3	20	34	107	405	864	650	1,800	250	31	179	32
4	16	28	97	307	664	960	1,300	200	28	262	168
5	26	24	92	261	471	500	900	163	28	99	27
6	363	22	80	224	388	950	700	143	28	64	24
7	241	22	73	197	866	3,070	500	130	42	52	60
8	1,030	20	69	178	1,300	2,920	360	113	38	45	247
9	739	20	65	159	862	2,090	500	149	38	61	218
10	333	61	57	145	630	1,220	580	149	44	45	105
11	197	94	454	139	494	891	450	113	44	45	74
12	132	62	572	128	400	667	1,200	113	46	114	59
13	99	50	314	127	331	682	1,600	97	36	275	50
14	77	44	241	191	288	1,150	1,000	85	32	544	41
15	68	38	226	180	256	704	700	77	33	310	35
16	208	34	208	159	228	547	500	69	33	226	33
17	115	60	191	132	208	438	400	62	33	221	29
18	80	83	134	125	493	600	350	62	33	434	26
19	64	78	81	211	1,460	1,000	303	90	29	376	24
20	63	71	174	386	3,590	1,300	263	74	30	374	21
21	67	68	1,120	283	16,000	1,000	233	60	105	252	27
22	53	54	622	228	17,000	800	206	58	178	26	46
23	47	442	403	211	15,000	600	184	91	54	204	23
24	40	312	305	197	8,300	488	165	100	38	165	21
25	34	172	257	184	6,900	404	193	70	142	115	20
26	30	125	217	316	3,300	350	180	171	439	90	20
27	29	103	429	191	1,700	308	938	642	113	19	24
28	28	90	161	333	1,300	500	85	226	93	18	22
29	28	229	145	292	-----	427	476	53	126	67	17
30	26	246	165	255	-----	700	355	46	86	54	16
31	30	-----	284	222	-----	4,000	40	-----	45	123	-----
TOTAL	4,336	2,784	7,361	8,082	95,088	31,356	27,249	3,649	2,654	5,219	1,358
MEAN	140	92.8	237	261	3,422	1,011	922	118	88.3	168	49.6
MAX	1,030	442	1,120	913	29,100	4,000	6,000	364	642	544	436
MIN	16	20	57	125	202	308	153	40	28	45	16
CFSM	.73	.48	1.24	1.36	17.8	5.27	4.80	.61	.46	.88	.26
IN.	.04	.54	1.43	1.57	18.6	6.07	5.36	.71	.51	1.01	.30

CAL YR 1960: TOTAL 88,323.6 MEAN 241 MAX 3,680 MIN 16 CFSM 1.26 IN 17.11
WAT YR 1961: TOTAL 193,769 MEAN 531 MAX 29,100 MIN 16 CFSM 2.77 IN 37.33

Note --No gage-height record Mar 30 to Apr 18

2-4055 Kelly Creek near Vincent, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	16	7.6	22	798	732	597	1,080	150	29	28	8.5	5.2
2	15	8.0	20	664	629	522	664	126	22	20	7.8	4.7
3	56	9.0	19	542	563	470	506	107	20	17	8.3	4.3
4	101	10	18	462	477	423	418	93	18	17	8.3	4.0
5	44	15	20	492	436	376	384	84	17	57	8.5	4.0
6	29	21	65	1,860	371	335	1,000	78	16	71	8.3	4.0
7	24	14	151	1,740	325	300	1,340	71	14	49	10	4.5
8	22	12	85	1,100	310	285	972	64	14	69	9.2	5.5
9	20	10	89	804	330	355	707	59	13	49	7.6	5.7
10	17	9.0	1,380	664	292	590	527	55	14	34	7.2	5.7
11	14	8.3	1,810	540	243	1,460	512	50	50	23	7.4	5.7
12	13	7.4	9,800	485	208	1,170	2,510	44	128	19	7.8	5.4
13	13	8.0	11,500	428	173	798	1,990	40	121	17	6.8	5.7
14	11	9.0	4,490	407	154	584	1,150	34	61	15	6.1	25
15	11	10	1,860	632	138	480	834	33	44	13	5.5	78
16	10	13	1,390	664	565	399	585	30	31	12	5.0	30
17	9.7	34	2,030	545	399	322	466	27	24	12	20	920
18	9.2	23	5,930	503	305	278	399	26	20	11	14	178
19	9.0	17	4,530	1,980	441	255	340	24	30	8.5	9.5	17
20	9.2	14	2,310	1,740	335	233	270	22	181	12	8.3	45
21	9.0	12	1,270	1,070	496	479	231	20	75	11	7.8	30
22	8.5	11	814	829	5,840	371	192	18	44	9.2	8.3	21
23	8.0	141	624	1,440	7,640	270	173	22	30	8.5	9.5	17
24	9.0	180	521	1,710	3,690	231	168	22	24	7.0	11	14
25	7.8	74	433	1,140	1,440	357	170	18	20	8.0	10	13
26	8.0	48	382	882	1,200	535	226	16	19	18	9.5	13
27	7.8	38	493	2,190	908	376	164	14	15	19	8.3	13
28	7.4	33	784	3,660	737	300	148	14	81	12	7.6	11
29	7.6	28	532	2,180	-----	268	288	14	64	11	6.8	11
30	7.6	24	428	1,220	-----	260	208	18	37	9.5	5.9	10
31	7.6	-----	425	910	-----	1,030	-----	34	-----	8.8	5.7	-----
TOTAL												
MEAN												
MAX												
MIN												
CFSM												
IN.												

CAL YR 1961: TOTAL 236,902.3 MEAN 649 MAX 29,100 MIN 7.4 CFSM 3.38 IN 47.82
 MAY YR 1962: TOTAL 180,045.3 MEAN 438 MAX 11,900 MIN 4.0 CFSM 2.28 IN 31.80

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9.7	3.7	64	179	798	604	214	5,880	46	173	308	12
2	15	3.8	55	208	731	931	190	1,500	38	278	208	11
3	238	4.2	52	212	2,630	581	170	758	33	129	144	10
4	114	3.8	48	196	1,740	454	156	521	29	104	99	10
5	54	3.7	49	179	1,040	637	136	411	25	76	77	9.0
6	34	3.4	53	168	781	4,330	173	349	23	55	63	9.0
7	25	4.2	52	160	640	2,960	345	480	20	51	50	10
8	24	4.3	50	154	516	1,210	240	322	19	154	45	10
9	18	5.3	53	140	381	914	186	233	16	84	47	9.7
10	15	139	46	104	325	688	173	179	19	58	37	8.3
11	13	70	41	200	310	571	150	152	16	46	30	8.0
12	12	53	36	1,150	315	1,130	136	135	14	37	25	7.8
13	12	71	30	900	258	2,660	126	119	13	29	27	7.4
14	11	55	29	634	221	1,660	108	115	12	26	198	12
15	10	39	31	477	185	889	99	108	11	25	122	10
16	10	32	35	348	166	688	94	93	11	38	64	8.3
17	10	31	38	275	158	530	89	81	10	86	46	7.2
18	9.5	125	37	340	158	474	85	84	10	219	37	8.0
19	9.0	176	33	1,730	747	417	81	85	10	138	29	7.8
20	9.0	136	31	6,060	615	795	99	70	11	112	82	7.2
21	9.5	611	31	4,250	459	948	192	62	14	154	107	7.0
22	8.5	613	54	1,540	350	397	120	59	28	107	61	6.8
23	7.8	285	54	1,000	298	322	99	49	604	65	39	6.3
24	7.6	177	45	748	305	290	77	43	804	571	30	6.1
25	7.4	138	104	589	295	265	82	39	449	571	24	5.9
26	7.2	115	150	558	245	656	117	53	238	345	20	6.1
27	7.2	92	122	607	203	976	94	141	194	233	18	7.4
28	7.0	83	105	475	181	410	292	153	150	162	16	128
29	6.8	77	229	418	-----	332	1,040	107	120	122	14	159
30	5.7	72	325	725	-----	272	6,770	82	99	138	14	43
31	4.8	-----	224	1,020	-----	240	-----	61	-----	371	13	-----
TOTAL												
MEAN												
MAX												
MIN												
CFSM												
IN.												

CAL YR 1962: TOTAL 108,722.4 MEAN 298 MAX 7,640 MIN 3.0 CFSM 1.56 IN 21.96
 MAY YR 1963: TOTAL 109,292.3 MEAN 299 MAX 6,770 MIN 3.8 CFSM 1.56 IN 21.96

2-4055 Kelly Creek near Vincent, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	22	4.0	56	124	630	370	385	406	41	19	17	6.3
2	15	4.2	39	125	473	1,720	330	1,550	41	87	15	7.1
3	12	4.0	34	210	409	4,010	308	3,310	39	58	13	5.2
4	10	4.2	38	436	333	2,060	309	1,450	34	44	12	5.0
5	9.2	4.2	33	665	352	2,260	305	945	30	34	15	5.0
6	7.8	4.5	27	618	670	1,580	3,980	591	39	27	18	5.2
7	7.4	4.3	23	839	501	1,180	6,680	440	122	22	19	4.9
8	5.9	4.2	21	627	409	1,430	4,540	358	80	17	18	4.3
9	5.7	4.2	20	2,760	335	1,100	1,480	282	55	16	15	4.0
10	5.7	4.3	24	2,670	296	1,020	1,030	260	43	25	13	3.7
11	5.9	4.2	510	1,230	282	798	718	229	36	55	15	3.7
12	5.5	3.8	1,870	842	239	659	804	235	32	120	16	3.9
13	5.2	3.7	674	644	271	540	3,100	243	26	80	44	3.3
14	4.5	3.8	960	484	580	950	3,730	178	24	56	26	3.2
15	4.5	3.7	720	398	634	5,250	1,850	152	20	40	19	3.4
16	4.2	4.3	436	357	1,300	6,050	1,100	136	19	28	17	3.1
17	3.8	4.8	302	900	1,140	2,140	765	103	21	19	3.1	
18	3.4	5.2	246	293	1,580	1,130	618	110	16	18	24	3.5
19	3.1	5.0	195	248	1,450	839	498	98	15	16	22	4.5
20	3.1	5.2	165	252	943	772	411	87	15	15	16	4.2
21	3.1	5.4	146	207	696	558	387	86	14	25	14	4.4
22	2.8	5.4	129	163	578	454	286	77	14	40	15	4.7
23	2.8	6.5	168	152	470	399	268	82	14	23	14	4.8
24	3.1	6.1	182	1,260	393	355	241	99	32	17	13	4.5
25	3.0	7.0	152	4,960	660	422	414	93	67	35	12	4.6
26	2.8	6.1	139	2,990	812	2,280	506	73	57	25	11	4.7
27	3.0	5.2	134	1,230	610	1,570	1,520	59	38	18	9.9	4.9
28	3.0	7.8	119	891	534	1,050	1,150	51	29	15	9.0	5.0
29	2.8	176	108	644	431	816	769	46	23	35	8.2	5.3
30	3.2	129	98	523	-----	596	540	42	19	15	7.2	6.0
31	3.2	-----	94	506	-----	451	-----	40	-----	20	6.9	-----
TOTAL	176.7	440.3	7,662	27,673	17,773	44,809	39,022	11,928	1,052	1,066	493.2	135.5
MEAN	5.70	14.7	247	893	613	1,445	1,301	385	35.1	36.4	15.9	4.52
MAX	22	176	1,070	4,960	1,580	6,050	6,680	3,310	122	120	44	7.1
MIN	2.8	3.7	20	124	239	355	241	40	14	15	6.9	3.1
CFSM	.03	.02	1.29	4.65	3.19	7.53	6.77	2.00	.18	.18	.08	.02
IN.	.03	.09	1.48	5.36	3.44	8.68	7.56	2.31	.20	.21	.10	.03

CAL YR 1963: TOTAL 111,278.3 MEAN 305 MAX 6,770 MIN 2.8 CFSM 1.59 IN 23.25
 WAT YR 1964: TOTAL 152,250.7 MEAN 416 MAX 6,680 MIN 2.8 CFSM 2.17 IN 23.49

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5.5	8.8	36	210	152	296	504	136	15	25	35	9.7
2	5.4	9.8	28	198	197	1,450	440	124	13	20	24	9.0
3	5.9	9.7	27	194	169	1,590	369	109	13	38	20	12
4	7.0	9.1	645	165	139	1,350	410	94	12	36	17	16
5	8.5	9.5	406	126	131	1,080	418	86	11	70	15	14
6	6.5	10	205	110	149	871	361	77	11	209	14	12
7	12	9.4	142	106	641	676	316	68	19	266	14	10
8	9.5	9.3	114	100	619	555	331	63	111	164	14	8.8
9	8.2	9.7	97	95	467	460	271	58	60	260	13	7.9
10	7.4	9.7	83	389	1,000	385	239	53	38	138	15	7.2
11	7.0	10	102	482	2,440	327	220	49	227	190	18	7.0
12	6.6	11	680	348	2,650	1,050	240	44	301	160	17	7.2
13	6.7	12	532	268	2,030	1,310	246	42	217	106	18	6.4
14	6.7	11	318	209	1,220	858	188	37	125	77	18	5.9
15	30	11	230	183	856	662	175	32	205	152	16	5.6
16	176	12	187	191	636	550	211	28	1,830	170	15	5.3
17	64	12	163	181	831	487	182	25	582	98	12	4.9
18	31	12	228	162	1,040	576	157	23	271	65	11	7.5
19	19	12	212	131	786	424	199	22	48	10	10	7.5
20	13	15	462	122	614	354	240	30	118	37	9.8	6.0
21	12	13	572	115	482	305	183	42	86	30	9.7	5.3
22	11	13	404	107	381	281	159	57	65	25	9.7	4.9
23	9.7	15	408	331	445	145	51	31	31	9.7	4.8	
24	3.9	19	168	838	322	1,680	133	54	52	33	14	5.3
25	9.2	155	407	510	571	1,830	125	36	78	29	24	3.7
26	9.5	114	371	380	344	1,170	147	26	56	32	15	5.0
27	9.1	60	329	289	291	1,010	331	21	41	30	12	5.1
28	6.6	68	296	230	771	212	252	21	32	150	12	4.5
29	8.6	52	262	209	-----	628	183	23	31	136	11	4.2
30	8.3	45	239	196	-----	736	151	20	28	96	11	6.3
31	8.1	-----	227	170	-----	592	-----	17	-----	59	11	-----
TOTAL	538.9	747.0	8,586	7,512	19,769	24,759	7,526	1,858	4,871	2,980	486.9	219.0
MEAN	17.4	24.9	277	242	706	799	251	59.8	162	96.1	15.1	7.30
MAX	176	155	680	838	2,650	1,830	504	141	1,830	266	35	16
MIN	5.4	8.8	27	95	131	281	125	17	11	20	9.7	3.7
CFSM	.09	.13	1.44	1.26	3.68	4.16	1.31	.28	.85	.50	.08	.04
IN.	.10	.14	1.66	1.46	3.83	4.80	1.46	.32	.94	.58	.09	.04

CAL YR 1964: TOTAL 153,823.6 MEAN 420 MAX 6,680 MIN 3.7 CFSM 2.12 IN 23.82
 WAT YR 1965: TOTAL 179,632.8 MEAN 418 MAX 6,650 MIN 3.7 CFSM 1.14 IN 23.42

MOBILE RIVER BASIN

2-4058 Talladega Creek above Talladega, Ala

Location --Lat 33°22'30", long 86°01'20", in W₂ sec 16, T 19 S, R 6 E, on right bank 300 ft upstream from Mump Creek, half a mile upstream from bridge on State Highway 77, and 6 miles south-east of Talladega

Drainage area --67.3 sq mi

Records available --May 1959 to September 1965

Gage --Digital water-stage recorder. Altitude of gage is 630 ft (from topographic map). Prior to Jan 3, 1962, graphic water-stage recorder at same site and datum

Average discharge --6 years, 110 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,600 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	0800	2,450	6 75	Dec 18, 1961	0400	4,100	9 45	Jan 25, 1964	0200	* 4,940	10 64
Feb 21, 1961	1630	* 3,830	9 05	Feb 22, 1962	0930	* 4,110	9 46	Mar 2, 1964	1715	2,410	6 69
Feb 25, 1961	0730	3,050	7 75	Apr 12, 1962	0645	2,170	6 29	Mar 15, 1964	0900	4,070	9 40
Mar 31, 1961	0800	2,080	6 13					Apr 6, 1964	1045	3,370	8 28
June 21, 1961	1130	1,600	5 33	Mar 6, 1963	0045	1,660	5 43	Apr 13, 1964	1450	1,870	5 79
Dec 10, 1961	0430	2,220	6 36	Mar 12, 1963	1145	* 2,100	6 17				
Dec 12, 1961	1000	2,900	7 50	Jan 9, 1964	0645	1,620	5 36	Feb 12, 1965	0815	* 1,500	5 16

Annual minimum discharge, water year 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 30, Nov 8, 1960	a 18	-	1964	Oct 23-25, 30, 1963	11	-
1962	Several days	8 4	0 81	1965	Sept 22, 23, 1965	11	0 85
1963	Sept 23, 24, 1963	8 9	85				

a Minimum daily

1959-65 Maximum discharge, 4,940 cfs Jan 25, 1964 (gage height, 10 64 ft), minimum, 8 3 cfs Sept 14-16, 1960

Remarks --Records good. Records of water temperatures for the water years 1960-62 are published in reports of the Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	40	34	33	99	48	229	512	125	49	85	37	101
2	35	26	30	73	47	187	284	127	47	78	36	65
3	30	24	28	60	88	159	275	104	46	90	45	66
4	26	22	26	53	76	143	275	98	44	109	40	46
5	23	21	25	48	64	132	212	93	45	70	36	47
6	60	20	24	43	59	130	180	86	163	63	32	132
7	66	19	24	41	88	717	156	84	130	58	170	74
8	50	18	23	39	120	897	140	82	78	94	160	51
9	45	21	22	36	97	450	218	122	79	73	85	42
10	38	28	22	34	82	277	205	94	70	59	62	38
11	34	30	67	34	70	217	160	96	58	62	50	35
12	28	27	64	33	64	184	1,000	107	58	93	44	39
13	26	25	44	32	56	256	416	86	63	198	38	49
14	24	24	39	62	54	223	272	79	54	184	36	46
15	44	23	39	53	49	177	230	74	62	107	34	43
16	43	23	42	47	47	155	200	70	67	93	33	35
17	30	22	38	43	43	137	170	65	62	214	32	32
18	27	22	36	41	446	290	148	69	57	184	29	30
19	25	21	35	72	1,530	220	134	76	49	104	27	30
20	40	21	34	103	1,880	175	127	65	69	84	26	31
21	33	20	120	76	2,890	167	118	59	865	73	26	30
22	29	20	63	61	2,040	146	111	91	486	66	26	27
23	27	41	53	57	1,760	130	106	162	160	88	32	26
24	25	42	47	51	1,110	120	101	101	125	76	39	25
25	23	34	43	47	2,520	111	98	80	114	59	35	25
26	22	31	40	72	889	105	155	80	444	53	35	24
27	21	27	38	97	405	101	305	72	367	90	43	23
28	20	25	35	73	302	136	188	63	188	60	35	21
29	19	35	34	63	-----	125	140	59	130	50	30	21
30	18	38	46	55	-----	136	127	54	102	43	28	19
31	29	-----	56	50	-----	1,200	-----	51	-----	42	117	-----
TOTAL	1,000	784	1,270	1,748	16,924	7,832	6,763	2,674	4,331	2,802	1,498	1,273
MEAN	32.3	26.1	41.0	56.4	604	253	225	86.5	90.4	90.4	48.7	42.4
MAX	64	42	120	103	2,890	1,200	1,000	162	865	214	170	132
MIN	18	18	22	32	43	101	98	51	44	42	26	19
CFSM	.48	.39	.61	.84	8.98	3.75	3.35	1.28	2.15	1.34	.72	.63
IN.	.45	.43	.70	.97	9.35	4.33	3.74	1.48	2.39	1.55	.83	.70

CAL YR 1960: TOTAL 26,623.0 MEAN 72.7 MAX 750 MIN 8.3 CFSM 1.08 IN 14.71
 MAY YR 1961: TOTAL 48,899 MEAN 134 MAX 2,890 MIN 18 CFSM 1.99 IN 27.02

Note --No gage-height record Oct 28-30, Nov 6-8

2-4058 Talladega Creek above Talladega, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	20	18	22	142	197	166	292	113	57	24	26	9.8
2	20	18	22	123	172	183	196	107	69	21	23	9.5
3	72	18	21	110	157	145	162	99	49	30	22	9.4
4	64	30	21	103	147	139	144	95	51	56	25	9.0
5	35	31	27	113	141	133	146	91	47	79	22	11
6	30	25	47	536	129	125	300	87	43	71	20	10
7	28	22	48	318	120	120	308	84	44	119	18	9.1
8	26	21	34	217	120	118	231	81	40	51	25	10
9	25	21	34	167	121	145	189	78	39	40	23	12
10	23	20	1,200	148	114	184	161	75	40	32	17	12
11	22	21	464	128	108	264	158	72	48	29	16	12
12	21	20	2,500	121	106	212	1,190	69	69	27	15	11
13	20	20	1,120	116	104	173	543	66	50	25	16	11
14	20	21	457	111	102	153	307	63	44	24	35	20
15	19	23	552	196	99	145	243	61	38	22	24	20
16	18	30	326	171	107	133	202	59	35	27	21	19
17	18	31	745	141	98	123	180	55	33	23	22	50
18	18	25	2,480	141	99	118	163	55	31	21	16	25
19	18	24	650	958	124	116	150	53	30	20	14	16
20	17	23	302	460	102	114	140	51	34	17	13	13
21	17	21	215	282	192	182	131	128	39	16	13	11
22	18	21	172	226	2,300	136	125	197	31	16	59	11
23	18	82	165	476	964	124	121	77	28	14	26	11
24	16	52	138	400	440	117	119	67	27	26	25	10
25	16	32	121	285	297	126	133	59	31	72	19	10
26	16	28	106	236	242	132	154	54	30	65	16	24
27	16	27	112	464	210	117	124	51	26	39	15	31
28	16	25	140	503	186	111	133	49	36	36	13	17
29	17	25	116	395	-----	107	153	47	46	44	12	14
30	18	22	104	273	-----	108	125	51	42	34	12	13
31	18	-----	104	226	-----	398	-----	49	-----	29	11	-----
TOTAL	720	797	12,565	8,246	7,298	4,637	6,725	2,343	1,225	1,149	634	450.8
MEAN	23.2	26.0	405	266	231	150	225	75.4	40.8	37.1	20.5	15.0
MAX	72	82	2,500	958	2,300	398	1,190	197	69	119	59	50
MIN	16	18	21	103	98	107	119	47	26	14	11	9.0
CFSM	.35	.39	6.02	3.95	3.87	2.22	3.33	1.12	.61	.55	.30	.22
IN.	.40	.44	6.94	4.56	4.03	2.56	3.72	1.29	.68	.63	.35	.25

CAL YR 1961: TOTAL 59,927 MEAN 164 MAX 2,890 MIN 16 CFSM 2.44 IN 33.12
 WAT YR 1962: TOTAL 46,789.8 MEAN 128 MAX 2,500 MIN 9.0 CFSM 1.90 IN 25.86

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	15	13	38	76	188	96	101	260	40	81	33	19
2	73	13	36	67	190	119	96	158	37	65	30	18
3	240	14	34	60	785	125	91	121	36	53	25	17
4	59	14	34	55	323	111	87	99	35	45	24	18
5	35	14	34	52	223	248	82	88	34	38	21	23
6	27	13	37	51	173	1,020	82	79	33	37	20	21
7	23	14	34	48	140	371	82	73	31	136	24	18
8	21	18	37	46	123	235	78	66	30	154	38	18
9	19	106	35	44	109	188	73	62	30	61	25	16
10	18	90	32	42	101	158	73	58	28	58	21	14
11	16	44	32	113	101	138	69	55	27	46	20	13
12	16	46	30	240	107	1,090	67	53	25	40	18	12
13	15	67	27	132	94	716	63	51	24	37	32	12
14	15	48	32	102	91	329	60	85	23	37	200	13
15	15	38	32	87	84	235	59	69	22	37	54	17
16	15	34	32	78	79	190	59	55	23	39	38	17
17	14	32	32	72	78	175	58	49	27	40	32	15
18	14	48	30	293	76	158	55	47	47	44	32	14
19	13	49	29	415	230	150	54	46	47	36	27	13
20	13	53	29	716	156	213	118	44	36	48	32	12
21	13	447	29	471	129	158	109	45	36	60	44	11
22	13	305	49	245	106	138	79	43	36	42	32	11
23	15	114	46	190	98	127	67	39	278	32	28	9.8
24	13	79	40	146	114	118	59	38	132	69	25	8.9
25	12	63	308	123	104	113	72	37	76	65	23	9.4
26	12	54	173	114	98	305	78	62	69	46	21	9.8
27	13	48	109	134	88	188	65	90	73	38	25	13
28	13	45	85	107	85	146	84	76	114	33	24	66
29	13	44	118	99	-----	131	190	60	96	31	23	48
30	13	40	113	235	-----	118	580	51	142	36	31	27
31	14	-----	90	248	-----	107	-----	45	-----	44	23	-----
TOTAL	822	2,005	1,816	4,901	4,273	7,714	2,890	2,204	1,769	1,648	1,045	533.9
MEAN	26.5	66.8	58.6	158	153	249	96.3	71.1	59.0	53.2	33.7	17.8
MAX	240	447	308	716	785	1,090	580	260	278	154	200	66
MIN	12	13	27	42	76	96	54	37	22	31	18	8.9
CFSM	.39	.99	.87	2.35	2.27	3.70	1.43	1.06	.88	.79	.50	.26
IN.	.45	1.11	1.00	2.71	2.36	4.26	1.60	1.22	.98	.91	.58	.30

CAL YR 1962: TOTAL 37,350.8 MEAN 102.6 MAX 2,390 MIN 9.0 CFSM 1.38 IN 17.47
 WAT YR 1963: TOTAL 31,620.9 MEAN 86.6 MAX 1,090 MIN 8.9 CFSM 1.29 IN 17.47

MOBILE RIVER BASIN

2-4058 Talladega Creek above Talladega, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	22	13	42	67	185	123	180	167	64	61	38	26
2	20	18	34	60	139	895	167	216	99	76	33	22
3	19	15	39	93	122	878	159	246	53	58	31	21
4	18	14	35	184	111	402	157	188	53	48	25	21
5	17	14	30	155	107	483	147	162	52	42	29	19
6	15	20	27	133	137	304	2,210	145	78	37	30	18
7	15	20	25	168	130	237	1,070	134	76	35	26	17
8	15	17	35	129	122	204	462	127	61	35	26	16
9	15	16	38	1,010	109	188	328	121	56	42	24	15
10	14	16	31	410	102	290	272	118	50	55	22	15
11	14	16	174	211	112	205	239	111	49	69	37	14
12	14	15	315	156	98	175	353	116	46	111	52	63
13	14	15	211	124	114	157	1,430	116	45	106	91	39
14	12	15	341	101	166	543	821	102	42	64	32	27
15	12	15	174	86	155	2,910	451	97	40	51	28	25
16	12	15	109	80	188	969	341	91	38	44	29	22
17	12	15	86	77	149	430	288	88	42	40	38	21
18	12	15	71	474	474	316	254	84	39	37	31	18
19	12	15	60	67	320	264	232	80	36	38	26	29
20	12	15	55	86	219	255	211	80	38	37	24	36
21	12	15	51	77	171	235	195	76	52	59	29	25
22	12	15	48	71	147	204	186	73	40	44	28	22
23	11	24	57	68	129	186	176	72	37	44	63	21
24	11	25	55	506	118	174	165	74	73	37	238	18
25	11	18	49	2,490	193	321	157	73	110	46	70	16
26	12	17	47	515	195	841	197	67	100	37	48	16
27	12	17	45	264	159	425	438	64	74	32	39	16
28	12	28	42	189	151	302	257	63	56	31	34	16
29	12	260	41	147	131	245	224	62	50	82	32	25
30	11	72	39	128	-----	211	188	65	45	42	28	73
31	12	43	167	-----	-----	193	-----	64	-----	43	26	-----
TOTAL	424	805	2,445	8,091	4,653	13,565	11,955	3,342	1,654	1,583	1,327	732
MEAN	13.7	26.8	78.9	261	160	438	399	108	51.1	51.1	42.8	24.4
MAX	22	260	341	2,490	474	2,910	2,210	246	110	111	238	73
MIN	11	13	60	86	123	123	98	36	31	25	14	16
CFSM	.20	.40	1.17	3.88	2.38	6.50	5.92	1.60	.82	.76	.64	.36
IN.	.23	.44	1.35	4.47	2.57	7.50	6.61	1.85	.91	.87	.73	.40

CAL YR 1963: TOTAL 30,851.9 MEAN 84.0 MAX 1,090 MIN 11 CFSM 1.22 IN 29.34
 MAY YR 1964: TOTAL 30,576 MEAN 138 MAX 2,910 MIN 11 CFSM 2.05 IN 29.34

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	54	31	47	106	99	148	185	90	33	27	27	15
2	34	30	46	98	146	165	185	85	26	26	26	18
3	31	30	45	111	109	384	154	79	32	33	25	44
4	66	30	344	91	101	464	180	78	47	39	24	28
5	223	30	170	84	96	335	173	73	42	46	23	23
6	79	30	109	82	136	260	154	72	39	55	23	20
7	51	33	85	79	478	218	154	70	82	99	23	18
8	42	30	73	75	272	193	152	67	53	116	33	16
9	36	30	66	75	205	175	142	63	45	55	26	14
10	33	30	60	299	170	158	132	62	67	44	25	13
11	31	28	65	188	160	146	129	60	146	54	24	13
12	28	28	208	140	1,130	253	173	69	79	45	26	14
13	27	28	144	121	564	233	146	60	60	54	25	17
14	26	28	109	106	329	193	129	55	84	40	22	15
15	255	28	90	107	238	178	121	53	57	45	20	13
16	213	28	79	121	198	160	131	48	55	45	19	13
17	93	28	73	104	287	163	116	46	52	36	19	13
18	63	28	88	98	320	185	109	46	48	32	20	16
19	51	30	76	91	240	152	111	46	40	31	21	21
20	45	66	163	87	200	146	107	47	36	27	21	15
21	42	43	156	84	178	132	99	46	34	25	29	13
22	39	34	123	81	156	129	96	47	32	24	23	12
23	37	32	106	499	142	142	96	46	31	24	24	13
24	47	34	424	163	188	188	63	38	42	38	28	28
25	34	341	685	233	245	180	93	39	40	39	25	20
26	34	114	620	183	168	235	104	39	33	42	34	16
27	33	79	447	142	152	255	200	40	32	36	23	15
28	34	66	240	123	142	205	121	43	34	62	24	13
29	30	60	175	114	-----	248	102	43	32	67	22	13
30	32	52	140	107	-----	290	96	38	28	43	18	26
31	32	-----	119	96	-----	215	-----	15	-----	34	16	-----
TOTAL	1,864	1,492	5,049	4,351	6,824	6,907	3,956	1,737	1,463	1,387	748	528
MEAN	60.1	49.7	163	140	224	223	132	46.0	48.8	44.7	24.1	17.6
MAX	255	341	685	499	1,130	544	200	90	146	116	38	44
MIN	26	28	45	75	96	129	88	35	28	24	16	12
CFSM	.89	.74	2.42	2.09	3.62	3.31	1.96	.83	.72	.66	.36	.26
IN.	1.03	.82	2.79	2.40	3.77	3.82	2.19	.96	.81	.77	.41	.29

CAL YR 1964: TOTAL 55,307 MEAN 121 MAX 2,910 MIN 12 CFSM 2.22 IN 30.36
 MAY YR 1965: TOTAL 56,306 MEAN 99.5 MAX 2,910 MIN 12 CFSM 1.48 IN 30.36

2-4060 Talladega Creek near Talladega, Ala

Location --Lat 33°23'20", long 86°06'45" in SW 1/4 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), 2.5 miles downstream from Dry Creek, and 3.2 miles south of Talladega

Drainage area --98.4 sq mi

Records available --September 1952 to September 1962 (discontinued)

Gage --Water-stage recorder Altitude of gage is 500 ft (by barometer)

Average discharge --10 years, 126 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), water years 1961-62											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	2300	3,410	9 08	Mar 31, 1961	1200	2,820	8 25	Dec 18, 1961	0700	* 5,680	11 79
Feb 21, 1961	1900	* 5,600	11 70					Feb 22, 1962	1230	5,580	11 43
Feb 25, 1961	0730	4,560	10 52	Dec 10, 1961	0830	2,630	7 97	Apr 12, 1962	1000	2,740	8 13
Mar 8, 1961	1200	2,130	7 14	Dec 12, 1961	1130	4,280	10 18				

Annual minimum discharge, water years 1961-62							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 30, 1960	14	1 05	1962	Sept 5, 8, 1962	6 3	0 82

1952-62 Maximum discharge, 8,450 cfs Mar 16, 1956 (gage height, 14.6 ft), minimum daily, 0.8 cfs Oct 11-14, 1954

Flood in March 1951 reached a stage of approximately 19 ft, from floodmarks (discharge, 33,000 cfs, from valley-conveyance study)

Remarks --Records good Diurnal fluctuation at low flows caused by diversion of an average of 2.5 cfs for municipal water supply for city of Talladega

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	46	37	35	124	63	290	773	159	60	121	53	181
2	37	28	31	100	60	240	378	171	58	105	48	93
3	31	25	28	78	95	210	331	141	53	100	68	102
4	27	23	26	61	112	186	381	130	51	162	58	68
5	23	21	26	58	86	171	288	121	61	100	50	53
6	56	20	26	53	79	200	245	113	136	84	45	327
7	79	16	26	48	98	1,000	215	105	267	73	258	181
8	61	21	25	42	165	1,460	150	101	108	126	195	100
9	48	21	24	42	132	673	272	161	100	106	105	66
10	41	25	23	40	110	377	303	128	98	82	84	58
11	35	33	50	37	94	286	226	122	76	76	68	51
12	30	29	86	37	82	240	1,240	137	73	145	58	49
13	27	26	53	37	75	316	612	113	84	226	51	66
14	25	26	44	59	66	324	372	100	72	288	48	60
15	24	25	42	67	63	244	298	93	73	159	47	64
16	59	24	48	58	60	214	262	88	94	126	46	46
17	34	25	42	52	56	187	224	80	82	328	44	41
18	29	25	37	48	597	372	201	82	72	630	40	37
19	25	21	37	61	2,140	330	182	100	63	224	37	37
20	37	24	36	149	2,490	255	169	82	65	151	32	37
21	41	23	104	101	4,680	229	159	76	717	132	36	37
22	30	23	95	78	3,000	203	149	77	647	105	37	35
23	26	38	68	71	2,420	180	143	234	115	115	62	33
24	24	53	56	66	1,540	163	137	153	79	132	64	28
25	23	38	51	62	3,760	149	134	105	70	94	48	30
26	21	32	48	85	1,280	141	201	101	526	79	45	29
27	20	27	45	151	527	137	382	94	540	136	54	28
28	20	28	41	112	375	163	268	79	272	76	51	27
29	18	32	39	88	-----	173	195	75	193	75	42	22
30	16	42	47	78	-----	169	169	68	149	64	37	27
31	23	-----	59	68	-----	1,570	-----	64	-----	59	125	-----
TOTAL	1,036	831	1,398	2,211	24,305	10,852	9,099	3,453	5,054	4,479	2,036	2,013
MEAN	33.4	27.7	45.1	71.3	868	350	303	111	168	144	65.7	67.1
MAX	79	53	104	151	4,680	1,570	1,240	234	717	630	258	327
MIN	16	16	23	37	56	137	64	51	59	32	22	22
CFSM	.34	.28	.46	.72	8.2	3.56	3.08	1.13	1.71	1.47	.67	.68
IN.	.39	.31	.53	.84	9.19	4.10	3.44	1.31	1.91	1.69	.77	.76

CAL YR 1960: TOTAL 32,529.1
WAT YR 1961: TOTAL 66,767

MEAN 88.9
MEAN 183

MAX 988
MAX 4,680

MIN 6.9
MIN 16

CFSM .90
CFSM 1.86

IN 12.29
IN 25.23

2-4060 Talladega Creek near Talladega, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	21	20	26	186	258	236	402	149	60	29	33	9.1
2	22	20	26	167	226	217	253	139	103	26	28	11
3	85	25	26	149	204	206	201	130	68	25	24	11
4	78	34	26	137	188	195	180	121	66	56	27	11
5	41	36	31	137	184	188	173	115	60	106	27	8.1
6	36	28	63	704	169	173	307	110	55	118	25	12
7	32	25	72	440	155	173	387	106	56	179	19	11
8	30	22	48	285	155	165	290	101	49	75	22	7.8
9	29	20	41	222	157	188	236	94	48	52	28	11
10	27	17	1,490	195	145	219	201	93	47	41	23	14
11	26	21	575	167	134	369	193	86	52	35	16	14
12	25	20	3,680	151	134	287	1,570	82	89	32	16	14
13	23	22	1,740	143	132	238	744	76	68	29	17	14
14	23	22	576	141	128	210	384	75	58	26	38	21
15	22	24	817	244	124	199	296	72	48	26	33	30
16	21	31	424	245	136	184	245	67	43	30	21	60
17	21	36	791	193	124	169	220	66	37	29	23	266
18	22	30	3,590	180	122	163	201	60	36	24	17	97
19	20	25	968	1,300	157	159	186	59	35	24	17	25
20	19	26	396	668	134	153	173	54	40	21	16	17
21	19	24	280	375	215	217	159	54	47	18	29	16
22	20	23	226	290	2,950	190	149	266	37	15	64	15
23	20	72	210	604	1,390	169	147	96	34	17	34	12
24	19	95	182	575	658	159	145	75	32	29	30	13
25	18	48	155	378	424	161	149	66	32	96	27	13
26	18	37	139	303	343	182	193	62	37	106	21	20
27	17	35	141	629	290	161	165	54	31	54	17	45
28	18	32	197	742	260	151	159	53	33	41	16	27
29	19	29	163	509	-----	145	210	50	39	53	13	18
30	21	25	141	369	-----	145	173	61	33	48	14	14
31	21	-----	139	298	-----	441	-----	56	-----	37	13	-----
TOTAL	833	922	17,379	11,126	9,696	6,212	6,489	2,748	1,473	1,497	748	817.0
MEAN	26.9	30.7	561	359	346	200	283	88.6	49.1	48.3	24.1	27.2
MAX	85	95	3,680	1,300	2,950	441	1,570	266	103	179	64	266
MIN	17	17	26	137	122	145	145	50	31	15	13	7.8
CFSM	.27	.31	5.70	3.65	3.52	2.04	2.88	.90	.50	.49	.25	.28
IN.	.31	.35	6.57	4.21	3.66	2.35	3.21	1.04	.56	.57	.28	.31
CAL YR 1961:	TOTAL 82,636			MEAN 226	MAX 4,680	MIN 17	CFSM 2.30		IN 31.23			
WAT YR 1962:	TOTAL 61,946.0			MEAN 170	MAX 3,680	MIN 7.8	CFSM 1.72		IN 23.41			

2-4070 Coosa River at Childersburg, Ala

Location --Lat 33°17', long 86°22', in NE¼ sec 18, T 20 S, R 3 E, near right bank on downstream side of pier of Central of Georgia Railway bridge, 700 ft upstream from bridge on State Highway 38, half a mile downstream from Tallasseehattee Creek, and 1 mile northwest of Childersburg

Drainage area --8,390 sq mi, approximately

Records available --October 1913 to September 1965 Monthly discharge only for periods October 1913 to February 1914, June 1915, July to September, November 1916, published in WSP 1304

Gage --Water-stage recorder 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 May 5, 1914, staff gage at same site Prior to Oct 1, 1915, at datum 0 10 ft lower

Average discharge --52 years, 13,650 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 23, 1961	140,000	30.41	Nov 10, 1960	3,490	2.09
1962	Dec 19, 1961	98,500	23.17	Sept 12, 1962	1,710	1.05
1963	May 1, 1963	88,600	21.49	Sept 4, 1963	2,880	1.72
1964	Apr 7, 1964	84,600	20.81	Sept 26-28, 1964	2,520	1.53
1965	Feb 12, 1965	60,000	15.40	June 2, Sept 2, 1965	1,790	1.09

1914-65 Maximum discharge, 146,000 cfs Mar 30, 31, 1951, maximum gage height, 30.41 ft
Feb 23, 1961, minimum discharge, 1,300 cfs in September 1925

Remarks --Records good prior to July 1964, and poor thereafter except those above 30,000 cfs, which are fair Since December 1949, flow regulated by Allatoona Reservoir on Etowah River, since April 1961, by Weiss Reservoir on Coosa River, since July 1964, by Logan Martin Reservoir (see p 630-633) Records of water temperature for water year 1965 are published in a report of the Geological Survey

Cooperation --Records collected by the Alabama Power Co., under general supervision of Geological Survey, in connection with a Federal Power Commission project

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	11,400	5,610	6,020	11,400	7,600	88,000	44,400	18,600	7,600	16,200	6,440	5,880
2	10,700	4,530	4,580	15,200	7,000	80,800	31,300	17,200	6,160	11,400	6,440	6,160
3	8,800	3,880	6,720	15,500	8,500	74,300	21,900	14,100	6,160	9,760	6,580	6,720
4	7,300	4,530	6,720	14,400	9,760	68,400	16,900	13,800	6,020	8,800	6,860	6,580
5	5,610	4,940	6,720	13,400	9,760	62,200	13,100	14,800	6,020	7,900	6,860	5,340
6	6,020	4,800	6,020	12,400	8,800	55,600	12,100	15,800	6,720	7,150	6,160	5,480
7	10,700	4,530	5,070	11,400	8,800	59,100	12,700	15,500	7,300	7,600	6,860	5,880
8	14,400	4,270	4,660	10,100	11,400	54,600	14,800	12,400	7,600	9,120	7,000	4,940
9	14,800	3,750	5,610	9,440	13,800	54,600	18,000	6,720	6,580	10,400	7,000	4,530
10	14,100	3,620	5,880	8,200	15,200	52,100	20,400	8,500	7,000	9,120	7,600	4,530
11	13,400	5,070	6,440	6,720	15,500	50,200	22,300	10,100	7,600	7,600	7,600	4,270
12	12,000	5,880	9,120	6,440	14,800	46,300	24,400	10,700	7,150	8,800	7,150	4,140
13	10,100	5,880	11,700	6,440	13,400	42,000	33,900	10,400	7,900	9,760	8,300	4,660
14	8,500	6,020	12,400	6,720	11,100	39,200	37,400	9,440	9,760	15,800	5,610	4,530
15	7,300	5,610	13,100	7,600	9,440	35,700	38,800	9,440	10,700	17,600	5,340	4,530
16	6,720	4,530	12,400	8,500	8,800	32,600	37,400	9,440	10,400	14,400	5,070	4,400
17	6,440	3,880	10,700	8,800	8,200	29,200	29,000	7,900	9,760	13,100	4,800	4,270
18	5,880	4,400	8,800	8,200	9,760	28,900	15,200	7,600	11,700	11,700	4,660	4,140
19	4,800	4,800	7,900	8,200	16,800	30,100	9,760	9,120	12,000	11,100	4,800	4,010
20	4,530	4,800	7,000	9,120	32,300	28,900	11,400	9,440	9,440	11,700	4,940	4,010
21	5,880	4,800	7,300	10,100	76,800	27,300	12,400	7,900	8,500	12,700	4,800	4,010
22	6,580	4,530	10,700	10,100	126,000	26,900	12,000	7,600	12,700	11,400	4,530	4,010
23	7,000	4,400	14,100	9,760	139,000	27,300	12,400	8,200	14,400	10,700	4,270	4,140
24	7,000	4,800	14,100	9,120	138,000	26,100	11,400	10,100	18,300	9,120	4,270	5,480
25	6,440	6,160	12,700	8,200	134,000	24,200	10,700	11,400	21,900	7,900	4,140	4,800
26	5,340	6,860	11,400	8,200	127,000	22,600	12,000	10,700	26,100	7,150	4,140	4,010
27	4,800	7,150	9,150	9,440	114,000	21,500	18,300	9,760	32,600	7,600	4,270	3,880
28	5,610	7,600	7,300	10,100	99,000	20,800	26,100	8,200	30,400	9,440	4,010	3,880
29	5,880	7,000	6,580	9,760	-----	20,800	23,800	7,300	26,500	8,800	4,400	3,880
30	5,880	6,160	7,000	9,440	-----	16,900	21,200	7,000	21,500	8,200	4,140	3,750
31	5,880	-----	8,500	8,500	-----	29,300	-----	8,200	-----	7,150	5,070	-----
TOTAL	249,790	154,790	268,390	300,900	1,194,500	1,276,500	625,460	327,360	376,470	319,170	172,110	140,840
MEAN	8,058	5,160	8,658	9,706	42,660	41,180	20,850	10,760	12,550	10,300	5,552	4,695
MAX	14,800	7,600	14,100	15,500	139,000	88,000	44,400	18,600	32,600	17,600	7,600	6,720
MIN	4,530	3,620	4,660	6,440	7,000	16,900	9,760	6,720	6,020	7,150	4,010	3,750

CAL YR 1960: TOTAL 3,847,830 MEAN 10,510 MAX 50,700 MIN 2,420 CFSM 1 26 IN 17 06
WAT YR 1961: TOTAL 5,406,300 MEAN 14,810 MAX 139,000 MIN 3,620 CFSM 1 77 IN 23 96

M Expressed in thousands

2-4070 Coosa River at Childersburg, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,920	3,310	5,100	32,200	52,500	35,200	27,200	9,760	8,500	5,880	3,360	3,920
2	3,920	3,270	4,390	33,100	50,000	33,900	28,000	9,760	6,580	4,620	3,580	4,160
3	4,160	3,290	3,810	32,200	45,600	33,100	26,000	11,100	6,580	4,620	4,980	3,690
4	4,620	3,580	3,310	31,400	40,300	32,200	24,500	14,100	6,720	6,300	4,860	3,690
5	4,500	3,580	3,270	30,500	37,000	31,400	23,400	10,100	7,600	8,200	3,270	3,690
6	4,620	3,440	3,460	34,800	33,500	26,000	22,300	13,100	10,100	8,200	2,560	2,660
7	4,740	3,330	3,920	37,000	31,400	20,100	26,000	12,400	9,440	9,350	2,330	2,480
8	4,620	3,310	5,480	34,400	30,500	19,000	26,400	10,700	8,200	22,700	2,880	2,420
9	4,390	3,290	9,440	35,200	28,400	18,600	21,200	8,200	9,760	24,200	4,090	2,420
10	4,400	3,270	10,400	33,500	22,600	20,400	16,900	8,200	10,100	16,200	7,000	2,170
11	3,920	3,290	11,100	29,300	18,000	28,300	14,800	8,800	9,440	8,800	6,160	1,870
12	3,920	3,420	48,100	24,900	16,200	38,000	49,100	10,700	7,000	7,600	5,220	1,760
13	3,690	3,250	86,300	22,600	13,800	39,800	74,400	11,100	8,500	6,720	4,500	3,220
14	3,580	3,060	86,300	20,800	12,700	34,800	72,800	9,440	8,800	6,720	3,810	5,340
15	3,460	3,060	78,000	17,600	10,700	33,100	67,000	6,580	8,800	6,300	3,690	5,880
16	3,440	3,290	67,500	18,300	12,000	31,100	59,100	5,610	11,400	5,340	4,620	8,800
17	3,460	3,270	62,200	15,200	13,100	24,900	52,500	5,880	11,100	5,340	5,480	10,100
18	3,460	3,270	82,800	19,000	13,100	20,400	49,500	6,440	8,200	6,580	5,220	7,270
19	3,580	3,230	97,300	24,300	13,100	19,400	46,100	7,600	5,880	6,580	5,100	4,860
20	3,810	3,290	90,400	36,200	11,400	18,000	41,200	7,000	5,340	6,440	4,860	5,740
21	3,580	3,170	76,800	32,400	10,700	16,900	35,200	5,340	4,860	6,300	4,390	5,610
22	3,440	3,100	65,400	28,000	40,300	16,600	27,200	4,740	5,880	6,160	3,920	5,610
23	3,420	3,460	57,600	24,500	76,500	15,200	21,900	5,610	5,740	5,610	3,460	5,610
24	3,440	4,040	52,500	28,400	74,400	16,900	18,300	4,980	6,300	4,740	3,810	4,620
25	3,440	4,040	49,500	26,800	60,100	14,100	15,200	6,160	5,480	4,980	4,160	3,800
26	3,440	4,040	47,500	26,000	48,500	24,300	14,800	6,440	4,620	7,600	4,160	3,190
27	3,440	6,160	46,100	35,300	41,700	21,900	18,000	6,160	4,620	8,500	3,810	3,460
28	3,460	7,150	46,600	58,100	37,500	22,300	19,700	4,980	4,980	7,600	3,690	3,810
29	3,580	6,300	41,200	63,800	-----	21,500	16,200	5,100	6,440	4,980	3,120	3,860
30	3,460	5,740	34,400	58,600	-----	19,400	12,700	5,740	6,720	3,440	2,670	3,810
31	3,460	-----	31,800	55,000	-----	16,600	-----	6,440	-----	3,690	3,120	-----
TOTAL	118,050	113,400	1,312,000	999,600	895,600	763,400	967,600	248,260	223,680	240,290	127,880	129,390
MEAN	3,808	3,180	42,320	32,250	31,990	24,630	32,250	8,408	7,456	7,151	4,125	4,312
MAX	4,740	7,150	97,300	63,800	76,500	39,800	74,400	14,100	11,400	24,200	7,000	10,100
MIN	3,420	3,060	3,270	15,200	10,700	14,100	12,700	4,740	4,620	3,440	2,330	1,760

CAL YR 1961: TOTAL 6,276,760 MEAN 17,200 MAX 139,000 MIN 3,060 CFSM 2 05 IN 27 82
 MAY YR 1962: TOTAL 6,139,090 MEAN 16,820 MAX 97,300 MIN 1,760 CFSM 2 00 IN 27 21

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,920	3,270	12,400	17,200	22,300	10,100	13,100	86,100	10,100	14,800	15,200	3,460
2	3,580	1,810	11,700	14,100	19,700	13,400	13,400	13,400	13,800	11,700	16,200	3,810
3	3,520	4,040	10,700	13,100	30,800	13,100	10,400	43,800	13,800	10,700	13,400	3,100
4	16,100	4,040	7,600	13,100	42,200	14,100	11,400	55,000	8,800	16,900	12,000	2,900
5	22,300	3,920	6,860	9,760	40,300	11,400	14,100	50,000	6,020	16,600	11,100	3,020
6	19,700	3,400	8,200	9,120	34,800	31,300	13,100	48,000	4,860	14,400	9,440	3,190
7	14,100	3,180	10,100	32,250	31,990	24,630	32,250	47,000	4,980	11,400	4,125	3,080
8	10,100	3,290	10,100	6,860	24,200	51,000	14,100	45,600	4,860	9,760	5,340	3,690
9	7,000	4,500	9,760	5,340	18,600	47,000	13,800	41,200	5,220	8,500	6,160	4,040
10	7,300	6,440	8,500	5,610	15,200	43,100	10,100	29,300	4,980	7,900	6,300	3,920
11	5,880	10,400	5,340	6,580	13,400	37,500	8,800	20,100	4,620	8,800	6,160	3,580
12	5,340	11,100	4,740	13,300	12,700	38,800	8,200	16,200	4,740	10,100	5,100	3,810
13	6,020	10,700	5,880	24,900	13,100	61,700	7,900	14,100	4,740	10,400	3,580	3,920
14	5,740	10,100	10,400	24,500	12,000	68,500	7,000	16,600	5,340	8,800	5,880	4,040
15	4,620	9,760	10,700	21,200	12,700	62,200	7,000	17,200	6,160	6,440	7,000	4,160
16	3,920	8,500	8,800	18,600	11,100	56,400	7,000	15,800	6,300	6,580	5,610	3,690
17	4,040	7,900	7,900	13,800	11,100	53,000	6,440	16,200	6,440	7,150	4,980	3,460
18	4,160	7,900	5,610	12,000	10,100	53,500	6,440	15,800	8,800	7,150	4,980	3,690
19	4,040	9,440	4,390	15,400	10,400	53,000	7,300	15,500	11,700	11,700	4,160	3,920
20	3,810	9,120	4,740	43,700	14,100	51,000	7,900	14,800	9,120	11,400	3,580	4,740
21	3,690	15,800	6,720	58,100	16,200	46,100	8,500	8,500	10,400	9,760	3,690	5,740
22	3,460	20,100	6,580	53,000	15,500	38,000	6,440	6,440	11,900	9,120	4,270	5,340
23	3,310	18,300	7,900	44,600	14,400	33,500	5,740	7,300	34,000	8,500	4,390	4,860
24	3,060	16,900	7,600	37,000	14,100	31,800	5,100	8,800	40,700	10,400	4,500	4,160
25	3,460	14,800	6,020	33,500	12,400	30,900	4,860	9,760	28,000	11,400	4,390	3,690
26	3,810	12,000	7,900	30,500	9,760	32,400	5,100	9,760	16,900	12,000	3,920	3,920
27	4,270	11,100	9,760	24,900	7,600	30,500	5,340	10,700	14,800	13,100	3,420	4,740
28	4,390	7,900	12,700	20,100	7,900	26,400	5,740	13,100	18,600	13,800	3,100	6,020
29	4,160	9,120	14,100	12,700	-----	23,400	7,330	18,300	18,000	11,400	3,690	7,900
30	3,460	13,800	16,600	13,400	-----	23,000	56,400	12,400	17,200	7,900	4,920	16,200
31	3,140	-----	18,300	19,400	-----	21,200	-----	9,760	-----	7,300	3,920	-----
TOTAL	197,400	274,490	278,600	644,170	499,760	1,163,200	305,770	817,520	355,520	325,860	195,750	135,400
MEAN	6,368	9,150	8,987	20,780	17,850	37,520	10,190	26,370	11,850	10,510	6,315	4,513
MAX	22,300	20,100	18,300	58,100	42,200	68,500	56,400	86,100	40,700	16,900	16,200	16,200
MIN	3,060	3,040	4,390	5,340	7,600	10,100	4,860	6,440	4,620	6,440	3,100	2,900

CAL YR 1962: TOTAL 5,346,150 MEAN 14,650 MAX 76,500 MIN 1,760 CFSM 1 75 IN 23 70
 MAY YR 1963: TOTAL 5,193,440 MEAN 14,230 MAX 86,100 MIN 2,900 CFSM 1 70 IN 23 02

M Expressed in thousands

2-4070 Coosa River at Childersburg, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12,700	4,740	9,440	7,900	33,100	16,900	52,500	38,800	10,700	4,390	6,040	4,340
2	11,400	5,220	7,600	7,000	32,200	20,700	50,000	37,500	9,120	4,500	6,300	4,880
3	9,120	5,480	8,200	7,900	31,400	39,300	48,000	47,500	8,800	4,390	6,370	6,100
4	7,300	4,980	9,440	30,500	43,600	45,100	53,500	9,120	4,160	5,440	7,950	
5	7,150	4,160	8,500	13,800	29,700	46,100	45,100	55,000	7,600	4,160	5,140	3,040
6	7,150	3,690	9,440	16,600	28,400	45,600	61,900	55,000	7,900	3,920	5,440	2,670
7	5,740	4,160	8,800	16,900	23,800	41,700	82,400	51,500	9,120	3,920	5,750	4,260
8	4,500	5,220	8,200	16,900	21,200	40,700	82,400	51,000	8,800	3,810	6,020	4,380
9	4,160	5,740	7,150	25,600	23,400	36,600	74,400	50,500	7,150	3,810	4,820	4,320
10	4,390	5,880	5,340	39,300	21,200	36,600	69,600	47,500	7,900	3,690	5,560	4,350
11	5,340	5,340	5,100	38,400	15,500	37,000	62,700	42,700	7,600	3,690	4,400	5,020
12	5,610	4,390	12,700	36,600	12,700	34,800	57,100	35,200	5,880	3,690	4,260	2,900
13	5,610	4,040	23,000	31,400	13,100	30,900	66,400	28,400	6,580	3,810	5,010	2,710
14	5,100	4,620	26,800	23,800	17,200	21,500	74,900	23,800	6,020	4,040	7,400	4,230
15	4,500	4,980	27,600	16,900	20,100	49,800	73,300	20,100	6,860	4,040	3,410	4,120
16	3,690	4,980	23,000	14,800	24,900	79,100	67,500	21,200	7,300	3,920	3,190	3,860
17	3,690	5,100	15,000	10,500	30,500	77,600	61,700	20,100	3,690	3,690	6,330	4,120
18	4,500	4,500	17,600	13,400	36,600	69,100	56,000	18,600	5,740	3,690	4,930	4,980
19	4,980	3,920	13,800	13,100	40,700	62,700	61,700	17,600	5,220	3,580	5,850	2,710
20	4,980	3,810	13,100	13,100	38,800	57,600	50,000	16,600	5,740	3,440	6,740	2,560
21	4,390	4,040	13,400	12,000	36,600	54,000	52,000	16,900	5,100	3,400	11,400	3,980
22	3,810	4,500	12,700	9,760	33,900	51,500	49,000	18,000	5,220	3,400	3,920	6,070
23	3,230	4,980	10,700	9,440	32,600	50,000	47,000	16,200	4,980	7,120	2,950	5,870
24	3,460	5,220	8,500	14,100	30,500	48,500	41,200	17,600	4,740	7,990	5,130	5,280
25	4,270	4,500	7,150	46,800	22,300	44,600	32,600	16,200	4,740	9,550	4,680	6,690
26	4,740	3,810	7,600	60,100	22,300	53,500	31,400	13,400	5,340	8,980	5,350	2,780
27	4,980	3,420	8,200	54,000	20,100	68,000	34,800	11,400	4,980	8,460	7,550	2,540
28	4,500	4,390	10,100	46,100	18,300	69,600	38,000	11,700	4,860	6,880	9,340	3,830
29	3,580	7,900	9,760	37,500	18,600	68,000	39,800	13,400	4,740	7,440	3,220	3,860
30	3,330	10,100	8,800	33,500	-----	62,200	40,700	13,800	4,500	8,100	2,830	4,660
31	3,810	-----	7,600	33,100	-----	56,000	-----	13,100	-----	7,620	5,860	-----
TOTAL	165,710	147,810	368,320	733,340	760,200	513,600	1,649,200	893,800	200,250	157,280	170,630	129,060
MEAN	5,345	4,927	11,880	23,660	26,210	48,830	54,970	28,830	6,675	5,074	5,504	4,302
MAX	12,700	10,100	27,600	60,100	40,700	79,100	82,400	55,000	10,700	9,550	11,400	7,950
MIN	3,230	3,420	5,100	7,000	12,700	16,900	31,400	11,400	4,500	3,400	2,830	2,540

CAL YR 1963: TOTAL 5,124,790 MEAN 14,040 MAX 86,100 MIN 2,900
WAT YR 1964: TOTAL 6,889,400 MEAN 18,820 MAX 82,400 MIN 2,540

CFM 1.67 IN 22 71
CFM 2.24 IN 30 54

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5,910	8,150	11,600	15,200	13,200	16,800	51,000	18,800	5,630	4,600	7,300	3,270
2	6,810	8,150	10,000	13,600	13,600	18,000	50,000	14,400	4,600	4,850	7,460	3,460
3	2,800	6,810	11,200	14,800	9,640	24,400	45,500	14,800	3,790	4,480	5,100	4,600
4	3,790	5,770	14,800	11,600	14,000	27,300	42,500	8,510	4,360	4,360	4,360	4,850
5	6,660	6,350	18,000	15,200	16,800	29,000	43,500	7,800	4,360	4,480	3,020	4,240
6	8,880	5,630	17,600	13,600	16,000	30,700	53,000	6,060	4,480	5,100	3,460	4,020
7	12,400	5,500	21,600	10,800	18,800	29,400	56,500	5,230	9,260	6,500	3,570	4,020
8	17,200	4,720	20,400	11,200	22,000	29,400	48,500	5,500	6,660	6,660	3,460	3,330
9	21,200	5,360	18,000	10,000	24,400	25,600	38,500	5,910	12,000	5,230	3,310	3,060
10	21,200	4,720	18,000	14,000	21,200	25,200	33,600	5,630	14,400	6,500	4,020	3,570
11	13,600	4,850	16,400	13,200	33,600	22,400	25,200	7,130	14,400	5,910	4,360	4,980
12	10,800	6,500	18,800	11,600	51,500	23,600	21,600	6,500	14,000	7,130	4,480	4,850
13	5,770	6,500	20,000	12,000	58,000	30,200	23,600	6,200	12,400	5,630	4,240	4,980
14	6,970	6,350	18,000	12,000	49,500	26,500	28,600	5,630	11,600	4,720	4,850	4,600
15	10,000	5,770	20,400	15,200	43,500	24,400	25,600	5,770	10,400	4,850	4,130	5,100
16	14,400	4,600	20,000	16,400	38,000	20,800	24,400	4,720	10,800	5,360	3,680	5,770
17	16,800	4,240	16,400	12,800	39,500	18,800	18,000	5,500	17,200	5,360	3,570	6,500
18	15,200	5,100	16,800	13,200	40,000	19,200	13,200	6,060	13,200	4,810	3,210	6,500
19	14,800	5,630	15,600	10,400	36,700	19,600	11,600	5,630	11,200	4,830	3,060	5,910
20	12,800	7,130	13,000	10,000	31,500	17,600	10,000	6,660	6,970	4,750	3,360	5,500
21	11,200	6,060	12,000	9,640	25,200	16,400	11,200	8,090	5,910	4,810	4,600	5,360
22	7,460	4,720	10,400	8,510	21,200	14,400	14,000	7,840	5,100	4,680	4,720	4,020
23	8,510	4,720	17,200	8,510	18,800	13,600	16,000	7,950	4,360	3,910	4,130	3,680
24	6,970	4,720	17,600	12,000	16,400	15,600	13,600	7,340	4,850	3,710	4,020	3,680
25	7,800	7,460	20,400	11,600	14,000	28,100	13,600	6,500	7,460	3,680	3,460	3,790
26	3,680	12,400	21,600	11,600	16,000	35,800	11,200	6,660	6,810	3,310	3,210	4,480
27	3,570	14,800	16,600	12,800	15,600	44,000	10,000	8,510	8,150	4,360	3,310	4,880
28	4,600	14,400	18,800	15,200	16,400	54,000	10,800	6,500	6,660	4,980	4,240	4,880
29	4,600	15,200	16,800	14,800	-----	56,000	10,400	7,300	6,970	5,630	4,360	3,680
30	4,480	13,600	10,400	13,600	-----	57,000	14,000	6,660	5,100	6,200	4,020	3,250
31	11,200	-----	15,200	12,400	-----	55,000	-----	7,460	-----	7,130	3,460	-----
TOTAL	302,060	215,910	514,200	387,460	733,040	888,800	789,200	233,250	253,080	198,510	127,930	134,010
MEAN	9,744	7,157	16,590	12,500	26,180	28,030	26,310	7,524	8,436	5,113	4,114	4,467
MAX	21,200	15,200	21,600	16,400	58,000	77,000	56,500	18,800	17,200	7,130	7,460	6,500
MIN	2,800	4,240	10,000	8,510	9,640	13,600	10,000	4,720	3,790	3,310	3,020	3,060

CAL YR 1964: TOTAL 7,239,730 MEAN 19,780 MAX 82,400 MIN 2,540
WAT YR 1965: TOTAL 4,717,050 MEAN 12,920 MAX 58,000 MIN 2,800

CFM 2.36 IN 32 10
CFM 1.54 IN 20 91

2-4075 Yellowleaf Creek near Wilsonville, Ala

Location --Lat 33°18', long 86°33', in NW 1/4 sec 9, T 20 S, R 1 E, on upstream side of right pier at bridge on county road, 3.5 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

Records available --December 1950 to September 1965

Gage --Water-stage recorder Datum of gage is 430.56 ft above mean sea level, datum of 1929

Average discharge --14 years (1951-65), 150 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,500 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	2100	* 26,700	25.2	Feb 23, 1962	0600	* 3,390	18.86	Mar 3, 1964	2100	2,000	15.73
Mar 8, 1961	1500	1,960	15.58	Apr 13, 1962	0400	2,690	17.64	Mar 16, 1964	0700	2,260	16.61
Apr 1, 1961	0400	2,760	17.78	June 23, 1963	-	-	28.31	Apr 7, 1964	0830	* 2,690	17.64
Dec 13, 1961	0700	2,930	18.12	Jan 25, 1964	2400	1,950	15.57	Apr 14, 1964	1600	1,630	14.43
Dec 18, 1961	2300	3,010	18.27					Feb 13, 1965	0400	* 1,400	13.41

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 26, 1961	1.1	2.85	1964	Sept 8-11, 1964	0.40	-
1962	Many days	0	-	1965	Sept 29, 1965	0.60	-
1963	do	0	-				

1950-65 Maximum gage height, 28.31 ft June 23, 1963 (from floodmark, caused by local flood associated with failure of dams on small lakes, discharge not determined, minimum discharge, no flow at times during 1952, 1954, 1962, 1963)

Remarks --Records fair except those for periods of shifting control, indefinite stage-discharge relation, and no gage-height record, which are poor

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5.4	3.5	45	204	84	450	2,470	163	4.2	56	38	56
2	4.2	3.0	35	160	80	369	1,430	158	3.2	45	32	36
3	3.7	3.2	30	121	326	291	770	115	2.6	180	31	32
4	4.0	2.8	27	96	304	240	576	91	2.6	220	26	25
5	3.5	2.8	25	81	215	212	414	76	2.4	150	23	18
6	9.5	2.6	23	73	173	242	311	65	2.3	90	21	23
7	20	2.6	20	65	321	1,170	245	56	2.8	70	58	15
8	16	2.6	19	58	469	1,890	500	50	2.3	50	114	9.0
9	23	5.6	17	51	355	1,440	240	77	2.4	60	112	6.9
10	17	15	16	45	263	779	285	73	6.0	48	74	4.8
11	10	28	100	41	203	467	190	52	9.6	50	55	4.0
12	6.5	15	150	39	166	346	634	51	4.8	100	45	3.5
13	6.1	13	100	38	138	317	738	45	3.7	300	41	3.5
14	4.2	11	70	51	120	331	515	38	5.1	460	34	3.5
15	3.2	9.0	60	58	105	240	358	32	24	350	26	4.5
16	3.0	12	55	47	94	200	279	28	40	250	24	6.5
17	3.2	16	45	40	88	173	206	23	24	370	23	4.8
18	3.2	23	35	35	559	439	162	19	15	249	20	4.0
19	3.2	21	24	70	1,100	571	134	20	9.0	156	17	3.0
20	3.5	18	28	162	1,720	435	116	20	8.5	124	12	2.4
21	3.2	16	162	118	12,000	430	101	16	33	106	11	2.3
22	3.2	47	145	93	19,000	326	88	12	39	100	12	2.1
23	3.0	90	99	81	4,500	254	79	10	32	269	9.5	1.8
24	2.8	47	79	74	2,700	211	71	10	101	206	8.1	1.8
25	2.6	37	67	68	2,500	174	65	22	193	155	7.3	1.7
26	2.6	30	59	138	1,200	152	268	23	400	109	6.9	1.3
27	3.0	27	52	211	700	135	570	21	540	107	6.9	1.4
28	3.0	30	46	158	560	206	548	15	200	92	6.9	1.5
29	3.0	60	40	130	-----	252	315	9.0	120	75	6.1	1.7
30	3.0	68	47	107	-----	340	209	6.5	70	57	5.1	1.5
31	3.5	-----	70	92	-----	1,800	-----	4.8	-----	47	31	-----
TOTAL	185.3	661.7	1,790	2,805	50,063	14,882	12,587	1,401.3	1,902.5	4,701	936.8	282.5
MEAN	5.98	22.1	57.7	90.5	1,788	480	420	45.2	63.4	152	30.2	9.42
MAX	23	90	162	211	19,000	1,890	2,470	163	540	460	114	56
MIN	2.6	2.6	16	35	80	135	65	4.8	2.3	45	5.1	1.3
CFSM	.06	.59	.93	.93	18.4	4.94	4.32	.47	.65	1.56	.31	.10
IN.	.07	.25	.68	1.07	19.2	5.69	4.82	.54	.73	1.80	.36	.11

CAL YR 1960: TOTAL 35,117.00 MEAN 95.9 MAX 382 MIN 1.3 CFSM 2.22 IN 13.44
 MAY YR 1961: TOTAL 92,196.1 MEAN 293 MAX 19,000 MIN 1.3 CFSM 2.80 IN 33.28

Note --No gage-height record Feb 21 to Mar 1

2-4075 Yellowleaf Creek near Wilsonville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.0	.20	4.0	374	342	287	864	89	6.8	4.0	.70	.40
2	2.4	.50	3.7	279	279	240	540	72	7.5	3.0	.80	.30
3	4.0	.50	3.7	274	233	228	321	60	9.3	2.6	1.8	0
4	7.3	.50	3.2	233	198	190	238	51	28	3.8	1.2	0
5	7.3	.60	3.7	273	177	167	212	42	9.3	79	1.7	0
6	5.1	.70	11	795	150	145	607	39	7.5	20	1.3	0
7	5.1	1.0	30	938	130	124	920	34	26	18	3.0	0
8	4.8	1.8	29	680	117	113	755	30	46	103	2.0	0
9	3.5	1.8	28	431	119	160	492	28	10	26	1.5	0
10	2.6	2.0	448	332	109	220	342	24	11	14	1.3	0
11	2.0	1.8	407	270	93	469	277	20	9.3	7.8	1.1	0
12	1.8	1.8	1,660	232	85	533	1,790	19	33	4.6	1.0	0
13	1.5	2.1	2,670	201	83	383	2,410	16	18	3.7	1.0	.60
14	1.5	2.6	2,040	189	78	287	1,320	14	13	2.8	.70	.80
15	1.7	3.0	1,540	313	72	244	654	13	8.6	6.9	.60	1.1
16	1.7	4.2	1,180	362	191	204	388	11	6.4	4.3	.60	3.8
17	1.3	4.8	1,030	291	160	166	292	9.6	4.0	4.4	.40	1.6
18	1.0	4.0	2,370	263	133	142	235	8.9	4.0	6.4	.30	.70
19	.80	2.1	2,530	1,020	296	129	199	7.5	6.4	3.7	0	1.4
20	1.0	1.4	1,440	1,250	230	121	165	6.8	6.4	2.4	0	1.3
21	.90	1.3	704	898	304	131	139	6.1	6.1	1.4	0	.30
22	.70	.90	422	560	1,600	122	116	5.8	4.6	1.4	0	0
23	.60	26	346	624	3,090	97	101	5.5	4.0	2.0	4.5	0
24	.70	43	281	863	2,210	86	100	4.9	3.4	3.2	4.2	0
25	.60	31	216	641	1,440	105	149	4.9	4.3	9.3	3.2	0
26	.50	18	181	463	858	160	111	4.9	2.8	8.6	2.8	0
27	.30	12	200	720	523	111	92	4.6	3.2	2.8	2.4	0
28	.30	6.9	337	1,110	380	94	87	3.4	8.6	3.4	2.0	0
29	.20	6.1	263	1,050	-----	87	154	3.7	5.5	3.7	1.3	0
30	.20	4.5	216	662	-----	94	123	5.8	4.9	2.0	.70	0
31	.20	-----	210	446	-----	652	-----	6.1	-----	1.1	.60	-----
TOTAL	63.60	187.10	20,805.3	17,067	13,680	6,291	14,193	650.5	317.9	359.3	43.70	12.50
MEAN	2.05	6.24	671	551	489	203	473	21.0	10.6	11.6	1.41	.42
MAX	7.3	43	2,670	1,250	3,090	652	2,410	89	46	103	5.2	3.8
MIN	.20	.20	3.2	189	72	86	87	3.4	2.8	1.1	0	0
CFSM	.02	.06	6.90	5.66	5.03	2.09	4.87	.22	.11	.12	.01	.004
IN.	.02	.07	7.96	6.53	5.23	2.41	5.43	.25	.12	.14	.02	.005
CAL YR 1961: TOTAL	110,617.10	110,617.10	MEAN 303	MAX 19,000	MIN 0	CFSM 3.12	IN 42.32					
MAY YR 1962: TOTAL	73,670.90	73,670.90	MEAN 202	MAX 3,090	MIN 0	CFSM 2.08	IN 28.19					

Note --Shifting-control method used Nov 6 to Dec 10, June 18 to Aug 3, and Aug 11 to Sept 30

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	5.5	53	511	278	153	1,050	29	100	102	3.4
2	0	0	5.5	46	421	533	130	634	24	150	87	3.7
3	1.0	0	5.8	41	947	392	120	338	20	200	64	3.0
4	1.1	0	4.9	28	663	323	101	228	17	150	46	2.6
5	1.1	0	4.9	28	663	323	86	172	16	80	37	2.6
6	1.4	0	4.3	26	414	939	140	202	16	50	30	2.6
7	1.1	0	4.3	26	309	977	200	274	14	40	25	2.6
8	.60	4.0	2.6	24	632	140	188	43	60	22	2.2	2.6
9	0	3.2	4.9	22	199	395	110	129	12	110	21	2.4
10	0	4.3	4.6	18	171	308	90	98	10	70	16	2.2
11	0	15	4.3	66	167	295	70	80	8.9	45	13	2.2
12	0	12	4.0	272	188	407	63	66	7.8	35	12	2.0
13	0	10	3.4	211	154	878	62	55	7.5	25	11	2.0
14	0	7.4	3.0	153	130	728	50	51	6.4	22	52	2.6
15	0	6.8	2.4	110	118	450	43	54	6.1	20	43	2.6
16	0	5.8	2.0	87	105	334	40	47	5.8	20	22	2.6
17	0	5.2	2.0	74	95	294	36	34	6.1	45	14	2.6
18	0	7.8	2.2	95	91	290	34	33	6.1	80	12	12
19	0	17	2.2	426	345	240	31	28	9.4	150	8.9	8.2
20	0	37	2.2	1,210	336	404	73	22	32	90	12	5.2
21	0	58	2.4	1,350	256	332	202	20	112	100	39	4.3
22	0	61	2.6	885	201	240	118	18	259	50	29	3.4
23	0	28	2.6	485	169	192	81	14	5,300	18	17	3.4
24	0	17	2.6	336	200	167	58	11	1,000	256	12	3.7
25	0	11	10	245	208	149	47	9.3	400	631	8.9	4.6
26	0	8.6	12	219	168	588	55	26	200	295	8.2	4.6
27	0	8.2	10	246	143	645	49	124	140	193	7.5	7.1
28	0	7.5	10	190	127	474	178	134	100	140	6.4	18
29	0	8.2	41	159	-----	299	336	76	80	106	5.5	16
30	0	7.1	72	376	-----	224	909	54	70	90	5.2	7.5
31	0	-----	64	648	-----	181	-----	37	-----	131	5.2	-----
TOTAL	6.30	346.70	307.4	8,165	8,040	12,839	3,805	4,306.3	7,928.1	3,552	793.8	142.3
MEAN	.20	11.6	9.92	263	287	414	127	139	264	115	25.6	4.74
MAX	1.4	61	72	1,350	950	977	1,050	5,300	631	102	5.2	18
MIN	0	0	2.0	18	91	149	31	9.3	5.8	18	5.2	2.0
CFSM	.002	.12	.10	2.71	2.95	4.26	1.30	1.43	2.72	1.18	.26	.05
IN.	.002	.13	.12	3.12	3.08	4.91	1.46	1.65	3.03	1.36	.30	.05
CAL YR 1962: TOTAL	53,275.30	53,275.30	MEAN 146	MAX 3,090	MIN 0	CFSM 1.50	IN 20.38					
MAY YR 1963: TOTAL	50,231.90	50,231.90	MEAN 138	MAX 5,300	MIN 0	CFSM 1.42	IN 19.22					

Note --Shifting-control method used Oct 1 to Jan 9 and July 23 to Sept 30 No gage-height record June 25 to July 22

2-4075 Yellowleaf Creek near Wilsonville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.7	1.0	22	50	316	226	210	218	8.6	14	11	2.2
2	2.4	1.0	16	56	235	723	181	433	9.3	120	9.6	2.0
3	1.6	.80	11	74	196	1,760	164	882	8.6	100	7.5	1.6
4	1.6	.80	11	211	173	1,670	164	649	8.2	48	32	1.2
5	1.6	1.1	10	309	178	1,160	156	369	7.5	29	179	.80
6	1.6	1.1	8.9	304	260	885	1,460	265	53	24	66	1.0
7	1.6	1.1	6.6	368	208	606	2,570	203	193	18	36	.80
8	1.4	1.1	9.3	289	179	508	1,490	165	70	14	26	.80
9	1.3	1.1	9.6	832	157	401	862	133	42	24	18	.70
10	1.8	.80	11	1,100	141	393	488	113	28	25	14	.60
11	1.4	.70	203	850	142	317	353	95	20	20	61	.60
12	1.3	.80	561	511	127	268	357	99	16	97	193	1.1
13	1.1	.80	350	342	146	233	1,050	126	13	198	130	1.4
14	1.0	.80	548	248	274	310	1,540	82	10	100	78	1.3
15	1.0	.80	396	194	286	1,530	1,300	64	7.8	57	52	1.1
16	.80	.80	236	168	522	2,160	764	53	7.5	37	41	1.1
17	.80	.80	160	152	419	1,380	462	44	5.8	27	64	1.4
18	.80	.80	122	132	671	754	341	37	5.2	21	50	2.2
19	.70	1.0	94	113	806	463	277	31	4.3	16	34	2.8
20	.70	1.1	76	122	600	413	228	26	3.7	13	26	2.8
21	.60	1.3	64	116	410	323	190	22	3.0	18	20	2.6
22	.60	1.6	55	91	323	260	162	20	2.4	24	21	2.4
23	.60	2.8	77	83	267	220	143	16	2.0	33	20	1.8
24	.70	3.4	91	727	221	188	125	33	2.2	30	16	1.4
25	.70	4.3	68	1,940	379	188	150	31	28	61	13	1.3
26	.80	5.5	60	1,990	520	710	294	22	22	54	10	1.2
27	.70	5.8	56	1,120	392	866	770	16	36	31	9.2	1.0
28	.70	6.8	40	46	324	574	112	19	22	7.1	.80	
29	.40	4.0	41	359	265	384	425	10	11	16	4.9	1.1
30	.70	42	36	285	-----	290	286	9.6	7.5	18	3.0	2.8
31	.70	-----	35	267	-----	238	-----	8.6	-----	13	2.6	
TOTAL	35.70	137.80	3,490.4	13,977	9,140	20,401	17,876	4,287.2	654.6	1,322	1,253.9	43.90
MEAN	1.15	4.5	113	451	315	658	596	138	21.8	42.6	40.4	1.46
MAX	3.7	46	561	1,990	806	2,160	2,570	882	193	198	193	2.8
MIN	.60	.70	6.6	50	127	188	125	8.6	2.0	13	2.6	.60
CFSM	.01	.05	1.16	4.64	3.24	6.77	6.13	1.42	.22	.44	.42	.02
IN.	.01	.05	1.34	5.35	3.50	7.81	6.84	1.64	.25	.51	.48	.02
CAL YR 1963: TOTAL	53,235.40	MEAN 146	MAX 5,300	MIN .60	CFSM 1.30	IN 20.37						
MAY YR 1964: TOTAL	72,619.50	MEAN 198	MAX 2,570	MIN .60	CFSM 2.04	IN 27.79						

Note --Shifting-control method used Oct 1 to Dec 11 and Aug 24 to Sept 30

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.6	2.6	23	81	113	144	255	39	2.4	3.0	39	7.5
2	2.4	2.8	19	73	145	675	215	35	2.0	3.0	28	5.5
3	2.2	3.2	20	92	114	799	192	19	1.6	3.7	21	5.5
4	2.2	3.4	422	81	91	635	203	26	1.3	3.4	18	10
5	5.5	3.7	340	62	84	494	197	22	1.1	5.3	14	17
6	8.6	3.4	160	58	111	388	163	20	1.1	8.6	10	8.2
7	5.8	3.2	99	337	190	303	279	18	7.2	34	8.6	6.4
8	4.3	3.2	75	52	320	254	279	16	26	88	7.8	4.9
9	4.0	3.2	61	47	263	213	218	14	20	66	8.6	4.0
10	3.7	3.4	49	213	440	185	183	12	36	74	10	3.7
11	3.4	4.0	63	275	972	160	156	11	67	398	8.6	3.7
12	3.2	4.3	310	206	1,270	303	169	8.6	631	182	8.2	3.7
13	3.2	4.6	276	167	1,330	405	172	8.6	248	90	6.4	3.4
14	3.2	4.3	187	139	964	310	120	7.8	94	60	5.2	3.2
15	7.8	4.3	134	125	566	264	106	6.4	61	52	5.5	2.8
16	25	4.6	106	163	366	228	115	5.5	58	68	4.9	2.4
17	10	4.6	90	134	459	202	96	5.2	47	52	4.0	2.4
18	6.1	4.6	124	107	594	294	80	4.9	36	34	3.0	2.6
19	4.6	4.6	109	103	466	192	99	4.6	26	24	3.0	2.6
20	4.3	5.8	259	95	350	162	106	4.6	18	18	2.6	2.0
21	4.0	4.6	346	88	284	141	74	4.3	13	14	2.2	1.6
22	3.7	4.6	260	81	235	128	61	3.7	10	12	2.2	1.4
23	3.4	5.2	207	431	196	132	56	3.7	7.8	9.6	2.0	1.6
24	3.2	7.1	168	817	170	290	50	7.1	6.8	8.9	2.0	1.8
25	3.0	84	241	620	214	308	44	6.8	6.8	8.9	5.8	1.6
26	3.0	63	228	400	160	287	44	4.9	7.5	8.6	4.6	1.3
27	3.2	30	173	278	132	328	93	4.3	5.2	8.6	4.0	1.0
28	3.0	28	137	210	125	272	83	3.4	4.6	16	11	.70
29	3.0	39	116	180	-----	251	58	3.0	4.0	132	43	.60
30	2.8	31	101	160	-----	404	45	3.6	3.6	151	22	1.4
31	2.8	-----	91	133	-----	315	-----	3.2	-----	68	11	-----
TOTAL	147.2	374.3	4,996	5,727	10,871	9,426	3,916	345.2	1,423.8	1,702.6	326.2	109.50
MEAN	4.75	12.5	161	185	388	304	131	11.1	48.3	54.9	10.5	3.68
MAX	25	84	422	817	1,330	799	219	631	398	43	12	5.5
MIN	2.2	2.6	19	47	84	128	44	2.6	1.1	3.0	2.0	.60
CFSM	.05	.13	1.66	1.90	3.99	3.13	1.34	.11	.50	.57	.11	.04
IN.	.06	.14	1.91	2.19	4.16	3.61	1.50	.13	.56	.65	.12	.04
CAL YR 1964: TOTAL	74,473.10	MEAN 208	MAX 2,570	MIN .60	CFSM 1.09	IN 28.49						
MAY YR 1965: TOTAL	39,394.80	MEAN 103	MAX 1,330	MIN .60	CFSM 1.11	IN 15.07						

Note --Stage-discharge relation indefinite Oct 1 to Nov 24 and Sept 1-30

MOBILE RIVER BASIN

359

2-4079 Paint Creek near Marble Valley, Ala

Location --Lat 33°02'20", long 86°25'30", in SE $\frac{1}{4}$ sec 25, T 24 N, R 16 E, on left bank 1,000 ft downstream from bridge on Coosa County Highway 56, 1.6 miles east of Marble Valley, and 4 miles upstream from Crumpy Creek

Drainage area --13.5 sq mi

Records available --July 1959 to September 1965

Gage --Digital water-stage recorder Altitude of gage is 480 ft (from topographic map)

Average discharge --6 years, 19.2 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (400 cfs revised), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	2100	579	5 24	Dec 18, 1961	0430	* 1,860	10 78	Jan 25, 1964	0145	666	5 72
Feb 21, 1961	1100	405	4 27	Jan 19, 1962	0745	446	4 50	Mar 2, 1964	1630	523	4 93
Feb 25, 1961	0530	559	5 13	Apr 12, 1962	0645	875	6 87	Mar 15, 1964	0930	940	7 20
Mar 31, 1961	0730	* 832	6 64	Mar 6, 1963	0100	468	4 62	Apr 6, 1964	1200	* 3,940	13 49
Apr 12, 1961	0615	460	4 58	Mar 26, 1963	0430	* 1,250	8 65	Apr 13, 1964	0015	660	5 69
Dec 10, 1961	0400	804	6 48	Apr 30, 1963	0800	1,130	8 14	Jan 25, 1965	1300	* 417	4 34
Dec 12, 1961	0130	1,430	9 67	June 23, 1963	0615	1,190	8 44				
Dec 14, 1961	2215	1,180	8 42								

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 26, 1960	1 7	0 82	1964	Sept 10, 1964	0 40	0 59
1962	Sept 4, 1962	10	47	1965	Sept 28, 29, 1965	1 7	0 66
1963	Oct 20, 1962	60	67				

1959-65 Maximum discharge, 3,940 cfs Apr 6, 1964 (gage height, 13.49 ft), from rating curve extended above 450 cfs on basis of three slope-area measurements of peak flow, minimum, 0.10 cfs Sept 4, 1962

Remarks --Records good between 10 cfs and 450 cfs, fair below 10 cfs, poor above 450 cfs, and poor for period of no gage-height record

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.0	2.8	3.4	13	5.8	68	61	24	7.2	11	6.0	19
2	2.5	2.2	3.4	7.3	5.8	60	38	23	6.9	12	5.8	11
3	2.0	2.1	3.2	5.9	22	51	37	21	6.7	14	6.2	9.4
4	1.9	2.0	3.2	5.0	12	46	33	20	6.8	16	5.6	7.5
5	2.2	2.1	3.2	4.6	8.6	42	27	18	8.6	13	4.1	6.5
6	6.8	2.1	3.0	4.4	7.7	47	25	17	9.7	10	4.3	7.5
7	4.6	2.1	3.0	4.2	15	120	24	16	8.0	9.0	9.3	6.7
8	6.3	3.2	3.0	4.1	14	144	22	16	10	9.5	8.0	6.2
9	4.9	2.3	2.9	3.8	11	52	35	22	10	9.0	6.0	5.4
10	3.2	3.8	2.8	3.6	8.9	38	27	19	8.9	8.5	4.9	5.2
11	2.7	3.2	7.4	3.6	7.8	32	23	22	11	8.0	4.3	5.2
12	2.4	2.7	5.2	3.4	6.9	28	187	20	11	8.0	4.0	8.0
13	2.2	2.7	4.0	3.9	6.5	59	50	17	11	13	3.7	7.1
14	2.1	2.7	3.6	6.9	6.2	43	40	16	9.5	12	3.4	7.3
15	2.0	2.7	5.0	5.4	5.9	33	35	15	30	10	3.2	6.7
16	1.9	2.8	5.4	4.6	5.6	29	30	14	15	9.0	3.5	5.3
17	1.9	3.2	4.2	4.2	5.6	28	25	13	11	11	3.1	4.9
18	1.8	3.1	3.9	4.0	91	84	23	14	9.2	15	2.7	4.6
19	1.9	2.9	3.6	10	298	46	21	15	8.0	12	2.7	4.7
20	3.3	2.9	4.0	11	179	36	20	14	14	13	2.9	4.7
21	2.4	2.9	9.4	7.3	223	38	19	13	17	11	3.4	4.6
22	2.2	2.9	6.0	5.9	118	32	18	12	10	10	3.1	4.1
23	2.1	8.8	5.2	5.6	165	28	18	12	16	9.0	5.7	3.9
24	2.0	5.0	4.8	5.3	220	25	18	13	32	8.0	5.9	3.7
25	1.8	3.8	4.6	5.5	308	25	17	14	20	7.0	5.0	3.6
26	1.7	3.3	4.2	22	200	24	34	12	177	6.5	11	3.6
27	1.8	3.2	4.1	17	95	23	80	10	60	7.5	9.4	3.2
28	1.8	3.1	3.9	10	80	90	32	9.2	25	11	5.9	2.9
29	1.8	6.4	3.9	8.1	-----	90	24	8.5	19	7.0	4.7	2.9
30	1.8	4.7	5.1	6.8	-----	70	23	7.9	14	6.5	4.3	2.8
31	3.1	-----	9.1	6.2	-----	357	-----	7.5	-----	6.5	55	-----
TOTAL	82.1	96.7	138.1	212.6	2,132.5	1,888	1,066	475.1	602.5	313.0	207.1	178.2
MEAN	2.65	3.22	4.45	6.86	76.2	60.9	35.5	15.3	20.1	10.1	6.68	5.94
MAX	6.8	8.8	9.4	22	308	357	187	24	177	16	55	19
MIN	1.7	2.0	2.6	3.4	5.6	23	17	7.5	6.7	6.5	2.7	2.8
CFSM	.20	.24	.33	.51	5.64	4.51	2.63	1.14	1.49	.75	.49	.44
IN.	.23	.27	.38	.59	5.87	5.20	2.94	1.31	1.66	.86	.57	.49

CAL YR 1960: TOTAL 3,635.60 MEAN 9.93 MAX 130 MIN 1.7 CFSM .74 IN 10.02
 MAY YR 1961: TOTAL 7,391.9 MEAN 20.3 MAX 357 MIN 1.7 CFSM 1.50 IN 20.36

Note --No gage-height record June 27 to Aug 2

2-4079 Paint Creek near Marble Valley, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.8	2.3	2.9	28	34	33	53	22	8.3	2.8	1.0	.30
2	2.8	2.5	3.0	21	32	32	37	20	7.3	2.2	.90	.20
3	11.8	2.8	3.1	20	30	37	30	20	6.4	2.2	.80	.10
4	4.8	4.3	3.0	19	30	31	25	19	6.6	2.6	1.2	.10
5	3.7	4.2	5.3	27	29	30	31	18	5.7	6.4	1.2	.20
6	3.5	3.1	8.1	104	27	29	69	17	5.3	5.6	.90	.70
7	3.4	2.7	6.1	43	26	29	49	16	5.4	4.8	.80	.60
8	3.3	2.7	4.4	31	26	29	36	16	4.8	6.4	1.1	.70
9	3.2	2.7	31	26	27	44	31	15	4.6	3.8	1.4	.90
10	3.1	2.7	360	25	25	41	27	14	6.6	3.2	.90	.70
11	2.9	2.6	291	22	24	52	26	13	15	2.8	.60	.50
12	2.5	2.9	980	22	24	55	367	13	17	2.5	.50	.60
13	2.1	2.9	442	21	23	40	72	12	7.3	2.3	.40	3.9
14	2.1	3.3	610	24	22	35	48	12	6.3	2.0	.50	2.8
15	1.8	3.8	534	43	22	34	40	11	5.4	1.8	.90	3.6
16	1.8	5.9	374	32	31	30	35	11	4.8	2.5	1.1	1.7
17	2.0	4.0	468	31	23	29	32	9.9	4.3	2.1	1.5	6.5
18	1.9	716	4.4	23	28	31	9.7	3.9	2.8	.90	1.9	1.1
19	1.9	2.9	70	290	28	28	29	9.2	4.4	2.0	.60	.80
20	1.7	2.8	43	81	22	28	27	8.9	9.1	1.5	.40	.70
21	1.9	2.7	32	56	93	34	25	8.5	5.6	1.2	.40	.60
22	2.1	2.8	28	47	192	28	24	8.2	4.2	2.2	.40	.60
23	2.0	16.7	23	68	95	26	24	8.2	3.8	1.7	4.5	.60
24	2.0	4.6	23	68	95	26	24	8.2	3.3	1.3	3.9	.60
25	2.0	4.1	21	54	61	29	24	7.5	3.8	3.0	1.2	.50
26	2.2	3.4	20	47	52	27	23	7.0	4.8	4.0	.80	1.7
27	2.0	3.4	21	163	42	25	24	6.7	3.8	2.4	.70	2.2
28	2.0	3.5	22	83	37	24	38	6.3	4.4	1.8	.60	.90
29	2.1	3.2	18	60	-----	23	34	6.4	3.7	1.9	.50	.70
30	2.3	2.9	17	48	-----	33	24	8.3	3.3	1.7	.40	.70
31	2.4	-----	22	37	-----	104	-----	8.9	-----	1.3	.30	-----
TOTAL MEAN	85.3	113.6	5,207.9	1,714	1,182	1,074	1,359	370.7	179.2	84.8	31.30	37.10
MAX	11	17	980	290	192	104	367	22	17	6.4	4.5	6.5
MIN	1.7	2.3	2.9	19	22	23	23	6.3	3.3	1.2	.30	.10
CFSM	.20	.28	12.4	4.10	3.13	2.57	3.36	.89	.44	.20	.07	.09
IN.	.23	.31	14.3	4.72	3.26	2.96	3.74	1.02	.49	.23	.09	.10
CAL YR 1961: TOTAL	12,481.8	MEAN 34.2	MAX 980	MIN 1.7	CFSM 2.53	IN 34.39						
WAT YR 1962: TOTAL	11,438.90	MEAN 31.3	MAX 980	MIN 1.0	CFSM 2.32	IN 31.51						

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.6	1.2	2.9	5.0	22	38	23	53	9.9	16	9.5	3.2
2	10	1.0	2.6	4.6	28	28	21	33	9.0	15	8.7	3.1
3	11	1.0	2.6	4.1	111	18	20	26	8.4	20	7.2	3.3
4	3.1	1.0	2.6	3.9	34	16	19	22	8.3	15	6.7	3.5
5	1.7	.90	2.7	3.8	23	65	19	20	8.3	13	6.4	4.2
6	1.2	.90	2.9	3.6	19	191	19	20	7.5	12	5.9	3.5
7	1.1	.90	2.6	3.5	16	50	19	18	6.9	13	5.6	3.6
8	1.0	1.6	3.4	3.4	13	33	17	16	6.5	17	6.2	2.7
9	1.1	9.6	2.7	3.3	11	27	17	14	6.1	15	5.6	2.2
10	1.0	4.8	2.4	3.3	11	24	17	14	6.0	14	5.1	2.1
11	.90	2.6	2.4	49	11	22	15	13	5.7	11	4.9	2.1
12	.80	2.4	2.3	43	13	135	17	13	5.3	10	5.1	1.9
13	.80	2.4	2.0	17	10	99	15	12	5.1	10	29	1.8
14	.80	2.2	2.0	11	9.7	49	14	13	4.6	12	27	2.4
15	.80	1.9	2.3	8.5	9.0	36	14	13	4.3	11	8.7	4.7
16	.70	1.9	2.7	7.3	8.6	31	13	11	4.3	11	7.4	3.3
17	.80	2.2	2.4	6.7	8.4	30	13	11	5.0	14	6.8	2.8
18	.80	4.2	2.3	71	8.7	26	13	10	4.2	13	7.1	3.5
19	.80	4.1	2.2	62	43	24	13	9.8	71	10	5.8	2.1
20	.70	6.7	2.2	105	20	25	27	10	23	9.3	5.9	1.9
21	.80	32	2.2	52	16	21	23	10	17	11	6.7	1.8
22	1.2	13	4.7	25	12	19	16	9.0	126	9.0	6.0	1.8
23	1.0	5.5	3.4	20	11	18	13	8.3	545	8.3	5.3	1.4
24	.80	3.9	3.1	15	13	18	12	8.1	66	30	5.0	1.2
25	.70	3.2	36	12	12	19	17	8.2	34	13	4.6	1.1
26	.80	3.4	14	12	11	602	16	22	29	11	4.4	2.1
27	.80	3.4	8.1	12	9.5	65	13	24	24	9.6	4.1	7.0
28	1.0	3.3	6.1	9.6	9.4	40	30	35	24	8.8	4.3	6.2
29	.90	3.4	8.4	8.9	-----	32	36	27	22	8.3	5.0	11
30	1.0	3.3	7.5	46	-----	27	480	15	19	12	4.3	5.8
31	.80	-----	5.8	34	-----	24	-----	12	-----	12	3.8	-----
TOTAL MEAN	50.50	127.90	149.5	665.5	523.3	1,852	1,001	530.4	1,153.2	394.3	228.1	153.1
MAX	1.63	4.26	4.82	21.5	18.7	59.7	33.4	17.1	38.4	12.7	7.36	9.10
MIN	.70	.32	2.0	3.3	0.8	16	12	8.1	4.3	8.3	3.8	1.1
CFSM	.12	.32	.36	1.59	1.34	4.43	2.47	1.27	2.85	.94	.55	.38
IN.	.14	.35	.41	1.83	1.44	5.10	2.76	1.46	3.18	1.09	.63	.42
CAL YR 1962: TOTAL	6,360.00	MEAN 17.4	MAX 367	MIN 1.0	CFSM 1.29	IN 17.52						
WAT YR 1963: TOTAL	6,628.80	MEAN 18.7	MAX 602	MIN 1.0	CFSM 1.39	IN 18.81						

2-4079 Paint Creek near Marble Valley, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.8	2.7	5.6	8.2	22	18	19	35	10	6.7	3.6	1.0
2	4.3	3.4	5.4	7.7	17	193	19	40	9.1	9.1	3.2	.90
3	3.6	2.6	6.3	15	16	78	19	35	8.5	7.0	2.9	.80
4	3.6	2.9	5.2	30	15	51	18	29	7.9	5.9	7.9	.70
5	3.2	2.7	4.7	22	17	54	18	26	7.6	5.3	6.7	.70
6	3.0	3.2	4.3	22	19	35	783	24	16	4.5	3.8	.70
7	2.9	3.0	4.2	23	16	29	96	23	11	4.1	14	.70
8	3.1	2.6	6.3	16	15	26	77	22	8.8	4.5	7.4	.60
9	3.1	2.8	5.7	128	14	26	47	22	8.5	5.2	4.6	.50
10	2.8	3.0	4.8	30	13	29	35	21	7.9	4.7	3.8	.40
11	2.8	2.7	8.6	19	14	23	30	20	7.3	5.4	4.6	.60
12	2.7	2.6	26	15	13	22	105	20	7.0	17	5.1	6.8
13	2.7	2.6	27	12	17	21	320	19	7.0	8.4	4.3	2.6
14	2.4	2.6	47	10	25	53	107	18	6.2	6.1	3.3	1.7
15	2.4	2.6	20	8.9	24	409	69	17	5.5	5.2	2.8	1.5
16	2.5	2.7	12	8.8	27	65	56	16	5.5	4.6	3.1	1.4
17	2.4	2.9	9.4	9.0	21	40	48	15	5.5	4.4	3.5	1.2
18	2.4	2.9	8.2	8.9	80	31	43	14	5.5	4.1	2.9	1.2
19	2.1	2.9	6.7	8.1	38	29	40	14	4.8	4.1	2.5	1.7
20	2.3	2.8	6.0	9.2	27	28	37	13	4.8	6.0	2.3	1.8
21	2.3	2.8	5.8	8.0	22	33	34	12	5.3	10	2.1	1.6
22	2.2	2.9	5.4	7.5	20	25	33	12	5.5	4.9	2.3	1.3
23	2.2	7.6	9.6	8.8	18	23	32	12	8.2	4.3	3.0	1.1
24	2.3	4.3	7.6	70	17	21	30	12	6.2	3.9	3.3	1.1
25	2.6	3.2	6.6	221	29	31	30	11	6.7	4.5	2.3	1.0
26	2.6	3.1	6.2	39	24	61	45	11	11	3.8	2.0	.70
27	2.4	3.5	5.9	26	21	32	117	10	16	3.4	1.8	.70
28	2.4	7.9	5.5	21	21	27	65	9.8	7.0	3.1	1.7	.70
29	2.2	32	5.3	18	19	23	66	9.8	6.2	3.0	1.3	2.8
30	2.0	8.4	5.1	16	-----	21	41	10	5.3	4.9	1.2	15
31	2.3	-----	6.6	23	-----	20	-----	10	-----	5.1	1.1	-----
TOTAL	84.6	131.9	293.0	869.1	641	1,577	562.6	231.8	173.2	114.4	53.50	
MEAN	2.73	4.40	9.45	28.0	22.1	50.9	18.1	7.73	5.59	3.69	1.78	
MAX	4.8	32	47	221	80	409	783	16	17	14	15	
MIN	2.0	2.0	4.6	7.5	13	18	18	9.8	4.8	3.0	1.1	.40
CFSM	.20	.33	.70	2.08	1.64	3.77	6.12	1.34	.57	.41	.27	.13
IN.	.23	.36	.81	2.39	1.77	4.34	6.82	1.55	.64	.48	.32	.15

CAL YR 1963: TOTAL 7,010.6 MEAN 19.2 MAX 602 MIN 1.1 CFSM 1.42 IN 9.31
 WAT YR 1964: TOTAL 7,209.10 MEAN 19.7 MAX 783 MIN 1.40 CFSM 1.46 IN 19.86

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.8	2.8	5.0	10	14	31	25	14	4.8	4.8	5.1	3.1
2	2.6	2.8	4.9	11	19	76	24	13	4.4	4.2	4.8	50
3	2.4	2.9	4.7	19	14	42	23	12	4.4	4.1	4.6	29
4	6.3	2.9	56	12	13	52	26	12	4.8	4.4	4.2	10
5	23	2.9	17	11	12	37	24	12	4.4	7.1	6.0	6.9
6	5.4	3.0	9.9	10	28	32	22	11	4.6	30	5.8	5.8
7	3.7	3.0	7.9	9.6	51	28	107	11	15	20	4.8	4.6
8	3.1	3.1	6.8	8.8	28	26	59	11	7.7	14	5.3	4.2
9	2.8	3.0	6.2	9.4	23	25	38	10	5.8	7.7	5.1	3.7
10	2.5	2.9	5.8	30	22	23	31	9.7	30	6.6	4.4	3.6
11	2.4	3.0	7.9	18	24	22	28	9.3	24	6.6	4.2	3.4
12	2.3	2.9	17	14	178	37	53	9.3	11	5.8	4.2	3.7
13	2.3	2.9	11	12	59	33	37	8.6	8.2	5.1	5.0	4.1
14	2.5	2.9	8.5	11	38	27	29	8.2	11	6.0	3.9	3.4
15	38	2.9	7.3	13	30	25	27	7.9	8.2	9.3	3.4	3.3
16	15	2.9	6.7	13	26	23	28	7.7	12	6.9	3.3	3.0
17	6.7	3.1	6.3	11	56	32	23	7.4	12	5.5	3.0	2.8
18	4.7	3.3	8.7	11	54	37	21	7.4	8.2	4.8	2.8	2.8
19	3.5	4.6	7.2	9.9	36	28	23	7.1	6.6	4.4	2.8	2.7
20	3.3	14	21	9.8	30	25	21	6.9	6.0	4.1	3.0	2.5
21	3.3	4.9	16	9.3	27	22	19	6.6	5.5	4.1	4.6	2.2
22	3.3	3.7	12	9.1	25	21	18	6.6	5.3	3.9	3.4	2.1
23	3.1	3.5	10	169	23	27	17	6.9	5.3	3.7	3.1	2.1
24	2.9	18	11	60	26	28	16	6.0	6.9	64	2.7	2.1
25	2.9	44	88	31	27	25	18	5.5	9.0	21	2.5	2.2
26	2.9	10	50	24	22	37	19	5.5	6.0	22	5.0	2.0
27	3.0	6.9	28	19	21	35	19	5.5	5.5	11	6.3	1.8
28	2.8	8.0	19	16	21	29	17	6.6	5.1	8.2	11	1.7
29	2.9	7.2	15	15	-----	30	15	6.0	5.0	7.4	5.0	2.0
30	2.9	5.6	13	15	-----	36	14	5.1	4.6	6.9	3.9	41
31	2.9	-----	11	13	-----	28	-----	5.0	-----	5.5	3.3	-----
TOTAL	169.2	183.6	498.8	633.9	947	979	841	260.8	251.3	319.1	136.5	211.8
MEAN	5.46	6.12	16.1	20.4	33.8	31.6	28.0	8.41	8.38	10.3	4.40	7.06
MAX	38	44	88	169	178	76	107	16	30	64	11	50
MIN	2.3	2.8	4.7	8.8	12	21	14	5.0	4.4	3.7	2.5	1.7
CFSM	.40	.45	1.19	1.51	2.51	2.34	2.08	.62	.62	.76	.33	.52
IN.	.47	.51	1.37	1.75	2.61	2.70	2.32	.72	.69	.88	.38	.58

CAL YR 1964: TOTAL 7,551.20 MEAN 20.9 MAX 793 MIN 1.40 CFSM 1.73 IN 20.80
 WAT YR 1965: TOTAL 8,432.20 MEAN 20.9 MAX 798 MIN 1.40 CFSM 1.73 IN 20.80

MOBILE RIVER BASIN

2-4085 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 country road bridge, 1 mile downstream from U S Highway 231, 1 5 miles downstream from Socapatoy Creek, and 4 miles north of Rockford

Drainage area --244 sq mi

Records available --October 1944 to September 1965

Gage --Digital water-stage recorder. Altitude of gage is 449 ft (from topographic map). Prior to Oct 1, 1964, at datum 1 00 ft higher. Prior to Dec 9, 1944, wire-weight gage, and Dec 10, 1944, to Nov 26, 1962, graphic recorder at same site

Average discharge --21 years, 369 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (3,800 cfs revised), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	1000	8,860	18 15	Jan 19, 1962	1100	4,950	13 40	Jan 25, 1964	0330	6,120	15 14
Feb 25, 1961	0830	9,660	18 83	Feb 22, 1962	2000	5,980	14 95	Mar 2, 1964	2115	4,330	13 51
Mar 31, 1961	0830	* 10,100	19 15	Mar 11, 1962	1730	5,250	13 90	Mar 15, 1964	1300	8,800	18 09
Apr 12, 1961	1500	5,800	11 17	Apr 12, 1962	1030	9,180	18 43	Apr 6, 1964	1715	* 20,700	23 52
Dec 10, 1961	1130	9,460	18 67	Mar 6, 1963	0530	5,350	14 06	Apr 13, 1964	1915	6,770	15 95
Dec 12, 1961	1300	8,710	18 01	Mar 13, 1963	0145	* 9,610	17 92	Jan 23, 1965	1745	* 3,860	11 30
Dec 15, 1961	0100	6,220	15 26	Mar 26, 1963	0730	6,930	16 13				
Dec 18, 1961	0700	* 13,500	20 87	Apr 30, 1963	0800	6,500	15 61				

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 29, 30, 1960	65	-	1964	Oct 30, 1963	a 41	-
1962	Sept 5, 1962	32	0 96	1965	Sept 22, 1965	a 38	1 02
1963	Sept 25, 1963	a 33	-				

a Minimum daily

1944-65 Maximum discharge, 22,800 cfs Jan 6, 1946 (gage height, 25 9 ft, present datum), minimum, 7 cfs Oct 5, 1954

Remarks --Records fair

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	120	104	106	317	190	834	2,270	501	200	314	171	370
2	95	95	94	223	183	690	1,200	546	194	278	175	310
3	82	82	90	200	356	604	1,010	438	181	312	209	250
4	71	74	89	170	317	554	996	400	175	335	192	200
5	70	70	86	160	244	518	806	376	173	244	175	190
6	367	70	86	140	218	543	714	363	181	218	289	170
7	429	68	88	130	433	1,750	660	353	690	205	742	160
8	244	67	88	130	626	1,970	602	340	312	301	630	150
9	175	66	85	120	389	1,280	772	454	264	326	314	140
10	134	79	82	110	312	840	792	384	240	218	242	130
11	115	88	176	110	266	677	643	413	840	464	209	130
12	102	88	232	100	240	591	2,760	405	740	528	190	140
13	94	83	153	100	218	847	1,430	353	640	356	190	240
14	83	78	125	260	203	896	983	324	540	438	175	179
15	85	75	137	218	192	644	1,020	317	340	317	161	200
16	127	75	159	179	181	566	813	302	920	261	160	173
17	102	75	137	159	181	515	680	283	680	294	150	155
18	86	75	122	148	1,660	1,360	609	290	400	830	140	144
19	81	76	117	216	5,430	1,030	565	348	300	379	140	137
20	134	74	110	369	5,940	752	536	290	780	1,300	130	140
21	117	72	171	256	4,180	678	504	271	1,800	1,770	140	130
22	100	72	186	203	3,220	601	483	259	1,900	446	140	130
23	86	128	148	190	3,250	530	463	292	517	580	140	120
24	79	141	135	179	2,730	483	446	300	474	498	170	110
25	72	122	130	179	7,580	452	438	285	397	330	170	100
26	70	106	122	255	2,680	438	820	314	1,130	273	160	91
27	70	94	120	492	1,350	418	928	280	1,700	242	170	85
28	70	90	114	330	1,040	816	663	252	707	223	150	81
29	67	107	107	264	-----	711	520	235	474	209	140	77
30	66	117	140	223	-----	769	466	220	371	194	180	73
31	85	-----	200	200	-----	6,990	-----	211	-----	183	590	-----
TOTAL	3,678	2,611	3,935	6,330	43,809	30,347	25,592	10,399	18,260	12,866	6,934	4,705
MEAN	119	87.0	127	204	1,350	979	853	335	609	415	224	157
MAX	429	141	232	492	7,580	6,990	2,760	846	1,900	1,770	742	370
MIN	66	66	82	100	181	418	438	211	173	183	130	73
CFSM	.49	.36	.52	.84	6.41	4.01	3.50	1.37	2.49	1.70	.92	.64
IN.	.56	.40	.60	.96	6.68	4.63	3.90	1.58	2.78	1.96	1.06	.72

CAL YR 1960: TOTAL 97,866 MEAN 267 MAX 3,340 MIN 26
 MAY YR 1961: TOTAL 169,466 MEAN 464 MAX 7,580 MIN 66
 CFM 1-10 IN 14-92
 CFM 1.90 IN 25.83

2-4085 Hatchet Creek near Rockford, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	76	75	88	568	660	640	1,060	395	157	96	92	41
2	110	74	88	500	620	600	673	368	147	84	78	37
3	190	75	86	480	580	580	544	342	169	78	81	34
4	160	95	86	464	540	540	477	331	157	98	81	34
5	120	94	116	614	560	500	487	317	161	145	70	33
6	100	92	181	1,840	510	490	1,130	312	165	218	74	46
7	96	86	167	1,060	480	480	1,180	295	140	320	65	42
8	92	83	134	745	460	470	813	202	130	175	66	39
9	92	75	127	512	520	575	653	272	140	123	67	43
10	92	76	6,390	565	500	622	561	267	151	102	55	41
11	90	81	2,080	497	450	2,090	658	259	181	93	46	43
12	86	82	7,710	490	430	2,370	5,560	246	188	83	44	54
13	85	85	4,380	467	430	973	1,910	234	225	80	149	69
14	83	85	2,340	467	430	758	1,100	230	169	70	925	197
15	81	100	4,280	697	420	640	874	223	144	103	173	413
16	76	128	1,540	670	560	590	735	214	125	153	113	120
17	128	75	2,060	554	520	540	646	226	116	113	268	
18	75	102	9,060	554	420	500	602	198	113	132	84	149
19	75	96	2,390	3,920	480	480	561	190	127	84	74	93
20	75	88	1,280	1,880	460	464	520	186	125	73	66	70
21	72	85	799	1,480	1,370	531	484	177	134	67	79	58
22	71	89	959	871	3,480	514	464	226	116	71	137	25
23	71	243	735	1,300	2,690	454	448	214	101	69	122	50
24	72	237	660	1,360	2,140	432	441	190	130	156	178	47
25	72	141	588	973	1,210	490	432	171	133	287	90	46
26	71	115	551	809	973	503	432	165	171	237	70	214
27	70	104	561	1,190	806	432	413	151	122	121	65	205
28	70	100	565	1,350	701	401	435	149	201	125	55	90
29	70	96	503	1,040	-----	380	548	147	118	169	54	70
30	71	89	487	840	-----	392	435	155	106	142	46	58
31	75	-----	565	731	-----	967	-----	155	-----	102	44	-----
TOTAL	2,714	3,095	51,556	29,588	23,400	20,398	25,276	7,270	4,360	3,970	3,456	2,759
MEAN	87.5	103	1,663	954	836	658	843	235	145	128	111	92.0
MAX	190	243	9,060	3,920	3,480	2,370	5,560	395	225	320	925	413
MIN	70	74	86	464	420	380	413	147	101	67	44	33
CFSM	.36	.42	6.82	3.91	3.43	2.70	3.45	.96	.60	.52	.46	.38
IN.	.41	.47	7.86	4.51	3.57	3.11	3.85	1.11	.66	.61	.53	.42

CAL YR 1961: TOTAL 216,607 MEAN 593 MAX 9,060 MIN 70 CFSM 2.43 IN 33.01
 MAY YR 1962: TOTAL 177,842 MEAN 487 MAX 9,060 MIN 33 CFSM 2.00 IN 27.11

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	108	54	149	248	675	345	477	1,030	195	279	169	68
2	749	50	142	217	567	545	449	629	175	255	143	67
3	1,010	52	136	196	2,310	371	429	482	164	285	126	62
4	379	54	136	180	1,070	341	411	405	158	216	115	60
5	194	53	140	171	729	822	391	361	153	189	109	71
6	144	50	145	169	574	3,830	401	331	146	173	102	71
7	116	48	134	164	477	1,230	413	306	138	321	98	63
8	102	68	136	156	406	788	377	281	131	377	108	62
9	96	426	132	149	359	621	362	265	126	325	103	56
10	87	270	127	144	333	526	358	251	119	255	95	57
11	80	145	123	414	349	459	341	245	114	197	90	49
12	77	111	116	1,290	389	2,190	355	241	112	175	89	52
13	70	118	114	546	330	4,510	339	237	104	160	146	53
14	69	114	116	378	303	1,290	308	238	98	165	579	49
15	69	98	111	296	279	902	298	237	93	198	201	56
16	65	88	127	251	263	737	292	221	90	193	136	62
17	64	81	123	229	255	685	283	200	97	206	119	58
18	64	96	115	1,510	254	686	275	193	167	245	149	54
19	60	116	110	1,310	847	585	268	188	1,000	195	112	50
20	57	147	109	2,800	574	621	426	189	484	165	105	47
21	58	1,920	110	1,790	431	539	586	192	291	155	127	45
22	65	1,430	151	895	355	484	387	178	942	142	116	40
23	61	466	157	666	323	457	523	165	1,470	131	105	36
24	56	301	143	537	342	437	924	159	924	414	95	34
25	50	232	763	413	346	424	304	157	428	263	91	33
26	49	203	728	383	307	4,050	317	225	330	196	85	34
27	50	181	386	405	278	1,210	278	351	340	167	79	50
28	169	50	281	332	267	818	340	1,090	501	150	79	450
29	53	165	425	299	-----	662	450	620	448	139	83	190
30	54	159	433	751	-----	570	3,680	303	305	167	81	120
31	55	-----	302	1,070	-----	515	-----	227	-----	188	75	-----
TOTAL	4,261	7,465	6,420	18,359	13,992	32,250	14,201	10,197	9,843	6,686	3,910	2,194
MEAN	137	249	207	592	500	1,040	473	329	328	216	126	73.1
MAX	1,010	1,920	763	2,800	2,310	4,510	3,680	1,090	1,470	414	579	450
MIN	49	48	109	144	254	341	268	157	90	131	75	33
CFSM	.56	1.02	.85	2.43	2.05	4.26	1.94	1.35	1.34	.88	.52	.30
IN.	.65	1.14	.98	2.80	2.13	4.92	2.16	1.55	1.50	1.02	.60	.33

CAL YR 1962: TOTAL 138,923 MEAN 380 MAX 4,510 MIN 33 CFSM 1.58 IN 24.78
 MAY YR 1963: TOTAL 129,778 MEAN 356 MAX 4,510 MIN 33 CFSM 1.58 IN 24.78

Note --No gage-height record Sept 12-30

2-4085 Hatchet Creek near Rockford, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	89	51	167	312	544	389	548	786	239	203	161	69
2	78	56	134	247	423	2,000	520	857	225	544	132	64
3	73	57	145	274	377	2,910	503	925	216	823	121	60
4	70	54	129	464	351	1,250	497	707	212	225	118	60
5	66	56	116	448	368	1,760	474	622	203	181	120	56
6	60	70	108	368	490	1,000	11,200	568	264	149	116	54
7	57	67	99	548	404	765	5,370	534	293	138	140	52
8	60	66	120	420	398	646	2,210	503	230	138	125	49
9	58	61	136	2,520	360	582	1,470	487	209	203	109	47
10	55	60	127	1,360	342	854	1,160	477	192	190	109	45
11	54	58	159	653	365	626	993	454	186	571	140	47
12	53	57	1,120	467	339	534	1,110	451	184	622	175	132
13	53	54	667	357	351	480	5,630	445	171	677	201	129
14	53	52	1,310	285	571	1,780	3,500	407	161	317	145	86
15	49	53	707	249	477	7,010	1,730	392	153	234	116	73
16	47	54	386	232	616	3,070	1,310	374	147	198	118	66
17	47	56	280	252	477	1,360	1,106	360	144	173	130	61
18	46	57	230	280	1,290	1,030	962	342	144	153	113	58
19	46	57	196	228	979	867	867	331	134	149	102	65
20	45	57	177	237	663	854	792	325	130	144	95	83
21	45	58	165	223	520	813	738	306	130	1,060	92	74
22	44	57	153	203	451	697	707	293	163	377	144	66
23	45	108	205	214	401	636	680	285	161	221	239	62
24	47	109	205	823	371	602	646	280	173	234	159	57
25	49	86	175	4,980	541	701	622	280	306	312	118	52
26	48	74	161	1,700	599	1,800	711	262	374	205	102	48
27	45	81	151	840	480	1,180	2,260	247	337	165	99	48
28	46	120	145	622	474	850	1,320	237	221	147	90	52
29	42	1,020	140	487	426	711	1,930	230	175	145	81	53
30	61	331	134	426	-----	622	983	237	151	76	470	70
31	46	-----	163	445	-----	575	-----	239	-----	149	73	-----
TOTAL	1,657	3,197	8,310	21,164	14,448	38,954	52,543	13,243	6,028	9,183	3,859	2,438
MEAN	53.5	107	268	683	498	1,257	1,751	427	201	296	124	81.3
MAX	1,020	1,020	1,310	4,980	1,290	7,010	11,200	925	374	1,060	239	470
MIN	41	51	99	203	339	389	474	230	130	136	73	45
CFSM	.22	.44	1.10	2.80	2.04	5.15	7.18	1.75	.82	1.21	.51	.33
IN.	.25	.49	1.27	3.23	2.20	5.94	8.01	2.02	.92	1.40	.59	.37

CAL YR 1963: TOTAL 124,796 MEAN 342 MAX 4,510 MIN 33 CFSM 1.40 IN 19.02
 WAT YR 1964: TOTAL 175,024 MEAN 478 MAX 11,200 MIN 41 CFSM 1.96 IN 26.68

Note --No gage-height record Oct 19-to Nov 1

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	175	106	186	362	354	517	639	309	125	134	145	65
2	116	102	337	467	467	1,730	292	102	120	127	134	67
3	101	104	173	467	380	1,200	544	280	118	123	134	252
4	216	104	1,640	354	348	1,390	582	269	142	304	114	149
5	1,330	102	898	312	334	1,030	602	259	145	377	196	109
6	360	101	493	298	565	830	520	252	155	207	181	90
7	198	101	357	287	2,000	707	1,010	242	448	203	140	78
8	157	102	295	274	1,000	633	884	237	228	328	277	73
9	136	101	257	272	724	571	660	228	173	212	242	62
10	121	101	230	656	595	527	571	223	184	181	167	58
11	114	99	237	582	531	493	520	216	707	345	140	55
12	109	102	646	429	1,900	826	969	209	339	201	129	54
13	106	101	497	371	1,680	823	786	205	432	173	129	61
14	104	104	362	334	983	639	571	198	497	165	120	58
15	527	102	295	337	741	575	524	192	320	249	108	54
16	728	104	259	377	619	541	595	186	826	295	102	48
17	323	102	242	331	1,010	1,070	487	179	386	186	95	46
18	216	102	254	301	1,300	1,590	451	175	259	161	90	47
19	173	109	234	290	867	779	541	175	203	165	95	46
20	230	274	413	280	701	673	484	169	177	147	90	43
21	142	188	497	269	616	575	420	165	165	136	121	41
22	134	132	371	262	541	534	401	163	153	130	104	38
23	127	118	325	2,300	493	633	389	167	147	125	95	62
24	120	188	470	1,990	537	792	368	161	167	249	86	203
25	116	1,540	2,770	932	884	650	365	151	165	214	89	111
26	114	561	1,530	711	582	1,140	398	145	151	420	80	80
27	113	325	1,520	558	514	1,270	410	142	147	249	76	65
28	118	277	799	467	484	820	383	153	147	203	93	57
29	111	257	585	426	-----	701	337	161	153	216	96	56
30	109	209	467	401	-----	1,000	320	144	138	201	81	196
31	109	-----	401	362	-----	752	-----	132	-----	169	71	-----
TOTAL	6,848	6,018	17,880	15,929	21,750	26,011	16,313	6,180	7,617	6,595	3,809	2,424
MEAN	221	201	577	514	698	826	524	199	254	213	123	80.8
MAX	1,330	1,540	2,770	2,300	2,000	1,730	1,010	309	826	420	277	252
MIN	101	99	173	262	334	493	320	132	118	123	71	38
CFSM	.91	.82	2.36	2.11	3.18	3.44	2.23	.82	1.04	.87	.50	.33
IN.	1.04	.92	2.73	2.43	3.32	3.96	2.49	.94	1.16	1.01	.58	.37

CAL YR 1964: TOTAL 192,606 MEAN 526 MAX 11,200 MIN 45 CFSM 2.16 IN 29.36
 WAT YR 1965: TOTAL 137,374 MEAN 376 MAX 2,770 MIN 38 CFSM 1.54 IN 20.94

MOBILE RIVER BASIN

365

2-4100 Paterson Creek near Central, Ala
(Formerly published as Sofkahatchee Creek near Wetumpka, Ala)

Location --Lat 32°41', long 86°07', on line between secs 25 and 36 (revised), 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 --4 95 sq mi (revised)

Records available --October 1953 to September 1965

Gage --Water-stage recorder Concrete control since Oct 24, 1953 Altitude of gage is 440 ft (by
barometer)

Average discharge --12 years, 6 55 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (400 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 18, 1961	1130	440	4 25	Dec 10, 1961	0600	* 1,090	8 84	Apr 6, 1964	0400	* 943	7 82
Feb 19, 1961	0915	852	7 17	Dec 18, 1961	0300	974	8 04				
Feb 25, 1961	-	* 1,100	9 10	Apr 12, 1962	-	-	-	Jan 23, 1965	1030	* 863	7 25
Mar 31, 1961	0500	750	6 30					Mar 17, 1965	1645	576	5 20
Apr 15, 1961	0530	492	4 60	June 23, 1963	1600	* 393	3 95				
June 20, 1961	2000	842	7 10								
Aug 31, 1961	0630	520	4 80	Mar 14, 1964	1900	604	5 40				

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 3, 4, 1960	1 00	0 66	1964	Oct 22, 23, 30, 31,	0 30	-
1962	Aug 28-30, 1962	34	54	1965	1965		
1963	Sept 23, 24, 1963	03	42	1965	Sept 22, 1965	30	0 55

1953-65 Maximum discharge, 1,100 cfs Feb 25, 1961 (gage height, 9 10 ft), from rating curve
extended above 400 cfs on basis of slope-area measurements at gage heights, 6 2 and 7 2 ft, minimum
daily, 0 02 cfs Sept 25, Oct 3-5, 1954

Remarks --Records good except those for periods of indefinite stage-discharge relation, which are
poor

Revisions --WSP 1554 1957(M)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT	NOV.	DEC	JAN	FEB	MAR	APR.	MAY	JUNE	JULY	AUG.	SEPT
1	1.3	1.4	1.6	3 3	3 2	14	32	12	4.8	6.4	3 5	10
2	1.2	1.4	1.6	2.6	3 2	12	21	11	4.6	6.4	3 5	43
3	1.2	1.3	1.7	2.4	11	10	20	9.4	4.6	7.3	4.1	18
4	1.1	1.3	1.7	2.1	5.7	10	16	8.8	4.3	6.4	3.5	8
5	1.2	1.3	1.7	2.1	4.6	9 4	14	8.5	4.1	5.5	3 2	6 7
6	3.8	1.3	1.7	2 0	4 5	32	14	8.5	4.1	5.2	3 2	8 2
7	2.9	1.3	1.7	2 0	5 5	94	12	7 9	4 1	4.8	9.8	8 2
8	1.9	1.4	1.7	1 9	5 2	48	11	7 9	4 1	5.5	6.4	5 7
9	1.8	1.4	1.6	1 9	4 6	22	17	10	4 1	5 0	4 5	4 8
10	1.6	1.8	1.6	1 9	4.1	16	12	7.6	4 1	4 8	4 0	4 3
11	1.4	1.4	1.9	1 9	3 8	14	11	9 1	4.1	6.2	3.5	4.3
12	1.4	1.4	1.7	1.9	3 6	12	40	7.9	12	15	4.2	4 5
13	1.3	1.4	1.6	4.3	3 5	19	21	7.3	5.9	8.3	4.0	4.1
14	1.3	1.4	1.7	4 7	3.3	13	16	6.7	5.2	6.7	3 5	5 8
15	2.8	1.4	2.1	3 6	3 3	11	129	6.4	6.0	6.2	3.5	4.3
16	2.3	1.7	1.8	3.2	3 3	10	30	6.2	8.7	5.5	3.3	3 8
17	1.8	2.0	1.8	2.8	3 3	10	21	5 9	5.9	5.2	3.0	3.6
18	1.4	1.7	1.8	2 6	98	24	17	5 9	5.2	7.0	2.7	3 6
19	1.6	1.6	1.8	3.7	342	15	14	5 7	4.8	5.5	2.6	3.6
20	1.9	1.6	1.9	3.5	75	13	13	5.5	97	4.2	2.6	3.3
21	1.6	1.6	2.3	3 0	150	12	12	5.5	30	5.9	2.6	3 3
22	1.4	1.6	1.9	2.8	100	10	12	5.2	12	4.8	2.6	3 2
23	1.4	2.8	1.9	2 7	150	9 7	11	5 7	11	4.6	4 1	3.2
24	1.4	2.8	1.9	2.6	350	8.8	10	5.0	9 5	4.5	3 3	3 0
25	1.3	1.9	1.9	2.8	500	8 5	10	34	8.5	4 1	3 2	3 0
26	1.4	1.9	1.9	6 4	30	8 5	26	13	21	4 0	7.8	3 0
27	1.4	1.9	1.9	5 2	22	8 2	36	7.9	14	4.0	4 1	2 8
28	1.3	1.8	1.9	4 1	17		16	6.4	9 4	3 8	3 3	2 7
29	1.3	1.8	1.9	3 6			13	5 9	8 4	3 8	3 0	2 7
30	1.4	1.7	2 4	3 3	-----		16	11	5 5	6 4	3 5	4 0
31	1.8	-----	3 4	3 3	-----	233	-----	5.0	-----	3 3	61	-----
TOTAL	50 9	48.5	58 0	94.2	1,909 7	753.1	638	257 3	327.9	173 4	177.6	188 2
MEAN	1.64	1.62	1.87	3 04	68.2	24.3	21 3	8.30	10.9	5.59	5.73	6 27
MAX	3.8	2 8	3.4	6 4	500	233	129	34	97	15	61	43
MIN	1.1	1 3	1 6	1 9	3 2	8 2	10	5 0	4.1	3 3	2 6	2 7
CFSM	.33	.33	.38	.61	13 78	4 91	4.30	1 68	2 21	1.13	1 16	1.27
IN.	.38	.36	.44	.71	14 35	5 66	4.79	1 93	2 46	1 30	1 33	1 41

CAL YR 1960: TOTAL 2,210 08 MEAN 6 04 MAX 139 MIN 76 CFMS 1.22 IN 16 60
WAT YR 1961: TOTAL 4,676.80 MEAN 12.8 MAX 500 MIN 1 1 CFMS 2.59 IN 35.14

Note --No gage-height record Feb 20-28

MOBILE RIVER BASIN

2-4100 Paterson Creek near Central, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.7	1.6	2.0	7.6	11	10	23	8.5	3.5	1.9	2.0	1.0
2	2.6	1.6	2.1	7.0	10	17	16	8.2	3.2	1.7	1.6	.92
3	3.0	1.8	2.1	7.0	10	15	13	7.9	3.0	1.7	1.7	.92
4	2.7	1.9	2.1	6.7	9.7	12	12	7.6	3.5	2.1	1.7	.92
5	2.3	1.9	2.4	12	9.7	11	14	7.2	3.0	2.3	1.3	1.0
6	1.9	1.9	2.8	28	8.8	10	41	6.8	2.6	2.1	1.1	1.2
7	2.0	1.8	2.6	14	8.5	9.4	25	6.2	2.4	2.1	1.0	1.3
8	2.0	1.7	2.4	12	8.5	9.1	18	5.9	2.7	1.9	2.2	1.7
9	1.9	1.7	4.4	10	8.8	13	15	5.9	2.7	1.4	1.1	1.5
10	1.9	1.8	36.4	9.4	7.9	17	13	5.7	3.2	1.4	.92	1.1
11	1.8	1.7	35	8.8	7.6	58	29	5.5	4.0	1.3	.84	1.0
12	1.8	1.8	126	8.2	7.6	32	129	5.2	3.6	1.3	.76	1.2
13	1.8	1.9	35	8.2	7.6	18	32	5.0	3.5	1.2	.76	1.0
14	1.6	2.0	84	8.5	7.3	16	22	4.8	3.0	1.6	2.8	1.4
15	1.4	5.5	52	12	7.6	16	22	4.6	2.7	3.0	1.4	1.9
16	1.4	4.0	47	9.4	10	12	16	4.5	2.4	2.7	1.1	1.4
17	1.4	2.7	81	8.8	7.6	11	15	4.3	2.3	2.8	1.0	2.2
18	1.4	2.4	154	24	7.9	10	14	4.3	2.3	2.1	.84	.76
19	1.4	2.4	25	118	7.6	10	13	4.1	3.1	1.6	.76	.55
20	1.4	2.1	17	27	7.0	9.7	12	4.0	4.0	1.4	.76	.55
21	1.7	2.1	14	18	21	10	11	3.8	3.2	1.2	1.1	.49
22	1.7	2.1	12	16	18	9.1	10	3.6	2.3	1.3	1.1	.49
23	1.6	6.2	11	21	24	9.1	9.5	3.6	2.1	1.4	.84	.49
24	1.6	3.2	9.4	18	41	8.8	3	3.6	2.1	1.4	.76	.49
25	1.6	2.6	8.8	16	17	14	9.1	3.5	2.1	1.9	.62	.43
26	1.4	2.4	8.5	13	14	11	9.0	3.3	2.1	2.0	.55	.69
27	1.4	2.4	8.5	28	12	9.4	9.0	3.2	2.3	1.6	.49	.62
28	1.4	2.3	7.9	18	10	9.1	10	2.1	2.1	1.6	.55	.43
29	1.4	7.3	14	3	-----	8.8	10	3.0	2.0	1.7	.43	.49
30	1.6	2.0	10	13	-----	12	9.0	3.0	2.0	1.4	.84	.43
31	1.7	-----	7.6	12	-----	54	-----	3.3	-----	3.6	1.0	-----
TOTAL	55.5	71.6	1,144.9	533.6	327.7	471.5	588.9	153.1	83.0	56.7	33.80	28.93
MEAN	1.79	2.39	36.9	17.2	11.7	15.2	19.6	4.94	2.77	1.09	1.09	2.2
MAX	3.0	6.2	36.4	41	18	58	119	8.5	4.0	3.6	2.8	2.8
MIN	1.4	1.6	2.0	6.7	7.0	8.8	9.0	3.0	2.0	1.2	.43	.43
CFSM	.36	.48	7.46	3.48	2.36	3.07	3.97	1.00	.56	.37	.22	.19
IN.	.42	.54	8.60	4.01	2.46	3.54	4.42	1.15	.62	.43	.25	.22

CAL YR 1961:	TOTAL	5,791.40	MEAN	15.9	MAX	500	MIN	1.4	CFSM	3.21	IN	43.51
WAT YR 1962:	TOTAL	3,549.23	MEAN	9.72	MAX	364	MIN	43	CFSM	1.96	IN	26.67

Note --No gage-height record Apr 12

Note --No gage-height record Apr 12

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.38	.55	1.9	2.6	9.4	5.5	4.5	7.9	2.1	2.4	1.2	.30
2	.92	.62	1.8	2.4	11	5.0	4.3	5.7	2.0	2.4	1.1	.26
3	1.3	.62	2.1	3.0	12	4.6	4.1	1.9	1.9	1.9	.84	.62
4	.76	.62	1.8	2.0	12	7.5	4.1	4.3	1.8	1.9	.84	.62
5	.49	.62	2.1	2.0	9.4	17	4.0	3.8	1.7	1.8	.76	.62
6	.49	.69	1.9	2.3	7.9	38	4.8	3.5	1.6	1.9	.69	.38
7	.49	.69	1.8	2.7	14	3.8	3.3	1.7	.69	1.9	.69	.38
8	.43	3.0	1.8	2.6	5.9	10	4.3	3.0	1.5	2.4	.62	.69
9	.49	3.6	1.8	2.4	5.5	9	4.1	2.8	1.4	2.8	.62	.49
10	.43	1.4	1.6	2.4	5.2	7.9	4.1	2.7	1.3	2.1	.55	.38
11	.38	1.1	1.6	6.4	6.7	7.3	4.0	2.7	1.2	1.7	.49	.38
12	.34	1.2	1.4	5.7	6.4	8.2	4.0	2.4	1.1	1.4	.49	.38
13	.30	1.1	1.4	4.1	5.7	9.4	3.8	2.6	1.0	1.4	.43	.55
14	.30	1.0	1.6	3.6	5.2	7.9	3.6	2.7	.90	1.7	1.0	.34
15	.34	.92	1.6	3.3	4.8	7.0	3.6	2.6	.92	1.6	.55	.55
16	.34	1.0	2.7	3.2	4.6	6.7	3.5	2.3	1.0	1.7	.55	.43
17	.34	1.1	1.8	3.2	4.6	7.6	3.5	2.1	1.8	1.4	1.6	.38
18	.34	1.7	1.8	37	4.8	6.7	3.3	1.9	1.4	1.4	1.0	.30
19	.26	1.4	1.7	44	16	6.4	3.2	1.9	2.6	1.4	.69	.26
20	.22	4.7	1.7	64	8.8	7.9	3.6	1.9	1.8	1.3	3.5	.15
21	.38	20	1.6	22	7.6	6.2	3.6	1.9	2.4	1.2	1.7	.10
22	.62	5.5	2.6	12	6.2	5.7	3.3	1.7	12	1.1	1.1	.10
23	.49	3.5	1.9	9.7	5.9	5.7	3.0	1.6	42	1.1	1.0	.04
24	.38	2.8	2.0	7.6	6.4	5.5	2.8	1.4	9.1	3.2	.76	.04
25	.43	2.3	2.8	6.4	5.7	5.2	3.2	1.6	4.8	1.8	.69	.06
26	.43	2.1	2.7	6.2	5.5	8.4	3.2	2.7	4.1	1.6	.62	.12
27	.49	2.0	2.4	5.7	5.0	6.4	3.0	3.9	3.6	1.4	.55	1.4
28	.62	2.3	2.1	5.0	5.0	5.9	4.0	12	3.8	1.3	.62	5.0
29	.55	2.0	4.6	5.0	-----	5.5	13	5.0	3.6	1.4	.69	1.4
30	.55	2.0	3.3	13	-----	5.2	22	3.2	2.7	1.4	.69	.92
31	.55	-----	2.8	12	-----	4.6	-----	2.6	-----	1.4	.38	-----
TOTAL	14.77	72.13	64.4	302.6	217.9	258.0	140.3	102.3	118.62	53.2	26.88	17.13
MEAN	.48	2.40	2.08	9.76	7.78	8.32	4.68	3.30	3.95	1.72	.87	.57
MAX	1.5	2.0	4.6	6.4	3.0	12	4.6	3.0	3.2	3.2	3.5	.84
MIN	.22	.55	1.4	2.0	4.8	3.8	2.8	1.4	.90	1.1	.18	.04
CFSM	.10	.49	.42	1.97	1.57	1.68	.94	.67	.80	.35	.17	.13
IN.	.11	.54	.48	2.27	1.64	1.94	1.05	.77	.89	.40	.20	.12

CAL YR 1962:	TOTAL 2,428.53	MEAN 6.65	MAX 129	MIN .22	CFSM 1.34	IN 18.25
WAT YR 1963:	TOTAL 1,388.23	MEAN 3.80	MAX 64	MIN .04	CFSM .77	IN 10.43

ONE YR 1962:	TOTAL 2,420.55	MEAN 3.65	MAX 22	MIN .12	CFSM 1.34	IN 10.25
FIVE YR 1963:	TOTAL 1,388.23	MEAN 3.80	MAX 64	MIN .04	CFSM .77	IN 10.43

2-4100 Paterson Creek near Central, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.80	.40	1.7	8.2	7.0	8.5	6.7	12	4.3	4.5	3.3	1.4
2	.80	.60	1.8	6.7	6.2	73	6.4	26	4.0	5.6	2.8	1.2
3	.70	.60	2.7	6.7	5.9	28	6.2	19	3.8	16	2.6	1.1
4	.60	.60	1.9	6.2	5.7	36	6.2	14	3.8	13	2.4	1.1
5	.50	.70	1.7	5.5	7.9	32	6.2	12	3.8	10	3.4	1.0
6	.50	.90	1.7	7.7	7.3	16	257	10	9.4	7.9	2.7	1.0
7	.50	.80	1.6	7.9	6.7	13	52	9.1	4.8	4.6	3.3	1.0
8	.50	.70	1.7	12	6.2	12	120	8.8	4.1	3.6	2.6	1.0
9	.50	.80	1.6	40	5.9	10	32	8.5	4.0	3.6	2.3	.90
10	.50	.80	1.6	12	5.9	10	22	8.2	3.8	10	7.3	.90
11	.50	.70	12	9.1	5.9	8.8	21	7.9	3.8	7.0	14	5.6
12	.50	.60	33	7.6	5.7	8.2	27	7.9	3.6	14	21	19
13	.50	.60	16	6.2	10	7.6	51	7.9	3.5	12	5.6	2.8
14	.40	.70	22	5.5	14	86	36	7.0	3.3	12	3.2	2.0
15	.40	.70	9.4	5.5	12	83	24	6.7	3.0	9.0	2.8	1.7
16	.40	.70	6.7	5.2	10	25	19	6.2	2.8	6.0	3.0	1.4
17	.40	.60	5.7	7.0	9.1	16	16	5.9	2.7	5.0	2.7	1.3
18	.40	.60	5.0	6.7	41	13	14	5.7	2.7	4.0	2.1	1.2
19	.40	.60	4.6	6.2	16	12	12	5.5	2.6	3.0	2.1	1.4
20	.40	.60	4.5	7.6	12	12	12	5.2	2.6	8.0	2.3	1.8
21	.40	.60	4.1	6.4	9.7	10	11	5.0	2.7	4.1	2.1	1.6
22	.30	.60	4.1	5.9	8.5	9.1	10	4.8	2.6	7.8	3.2	1.4
23	.30	1.4	5.0	5.7	7.6	8.5	10	4.8	3.2	4.6	2.7	1.3
24	.50	.80	4.3	31	7.0	8.2	9.4	6.8	8.0	4.9	2.3	1.2
25	.60	.70	4.1	49	11	12	9.1	5.9	6.3	5.0	2.1	1.1
26	.50	.80	4.1	16	9.1	11	16	4.6	7.9	4.7	2.1	1.0
27	.60	1.1	4.0	12	9.7	9.1	78	4.6	10	4.0	1.8	.90
28	.60	9.5	3.8	8.8	10	8.5	22	4.3	5.9	3.5	1.6	1.3
29	.40	7.0	3.6	7.6	8.5	7.6	17	4.5	4.6	3.0	1.4	5.0
30	.30	2.1	3.6	7.0	-----	6.7	13	4.5	3.5	2.8	1.3	4.3
31	.30	-----	7.0	7.9	-----	6.7	-----	4.5	-----	3.0	1.3	-----
TOTAL	15.00	37.90	184.6	336.8	281.5	607.5	942.2	247.8	131.1	206.2	113.4	67.90
MEAN	.48	1.26	5.95	10.9	9.71	19.6	31.4	7.99	4.37	6.65	3.66	2.26
MAX	.80	9.5	33	49	41	86	257	26	10	16	21	19
MIN	.30	.40	1.6	5.2	5.7	6.7	6.2	4.3	2.6	2.8	1.3	.90
CFSM	1.10	1.26	1.20	2.19	1.96	3.96	6.34	1.61	.88	1.34	.74	.43
IN-	.11	.28	1.39	2.53	2.11	4.56	7.08	1.86	.98	1.55	.85	.51

CAL YR 1963: TOTAL 1,474.43 MEAN 4.04 MAX 64 MIN .04 CFSM .82 IN 11.08

WAT YR 1964: TOTAL 3,171.90 MEAN 8.67 MAX 257 MIN .30 CFSM 1.75 IN 23.83

Note --Stage-discharge relation indefinite Oct 26 to Nov 28, July 26 to Sept 30

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.0	3.0	4.1	6.4	7.6	13	14	5.0	2.5	1.9	2.0	1.2
2	2.8	2.8	4.0	6.2	7.6	23	13	4.8	2.4	1.8	1.7	1.3
3	2.8	2.8	4.2	6.2	6.7	19	13	4.6	2.8	1.9	1.4	1.6
4	20	2.8	9.5	5.2	6.2	26	13	4.6	3.5	2.4	1.4	1.4
5	25	2.8	6.2	5.2	6.2	18	12	4.5	4.4	3.3	3.6	1.3
6	6.7	2.8	5.5	5.0	48	14	10	4.5	3.4	2.3	2.0	1.1
7	5.0	2.7	5.0	5.0	46	13	10	4.3	4.3	2.7	1.8	.90
8	4.3	2.7	4.6	4.8	21	14	10	4.1	4.0	2.4	8.8	.80
9	3.6	2.7	4.5	6.1	15	11	9.7	4.3	3.5	2.0	4.3	.80
10	3.2	2.7	4.3	15	13	10	9.1	4.6	3.2	2.1	7.0	.80
11	3.0	2.7	5.3	8.8	11	10	9.1	4.1	3.0	2.3	5.7	.80
12	2.8	2.7	6.2	7.3	74	39	8.8	3.7	2.7	2.3	3.6	.90
13	2.7	2.7	5.0	6.4	30	22	8.5	3.4	2.4	2.1	3.2	.90
14	2.7	2.7	4.8	5.9	19	16	8.2	3.3	5.0	6.7	2.4	.80
15	14	2.7	4.6	5.9	14	14	8.5	3.3	4.0	6.2	2.1	.80
16	7.9	2.7	4.5	5.9	14	12	8.5	3.2	5.0	4.0	1.8	.80
17	6.3	2.8	4.3	5.2	33	91	7.6	3.0	3.6	2.7	1.7	.80
18	5.1	2.8	4.5	5.0	26	44	7.3	3.2	3.0	2.1	1.7	.70
19	4.2	3.4	4.1	4.8	18	23	7.6	3.2	2.4	2.0	1.6	.60
20	3.7	5.4	5.2	4.6	14	18	7.3	3.0	2.3	1.9	1.4	.50
21	3.5	3.3	5.0	4.6	13	15	7.0	3.0	2.3	1.9	1.4	.40
22	3.3	3.0	4.8	4.6	11	14	7.0	3.2	2.0	1.7	2.0	.40
23	3.5	3.0	4.8	181	16	27	6.7	3.2	1.8	1.6	1.6	1.4
24	3.1	21	6.2	37	14	22	6.2	3.0	3.1	3.4	1.3	1.8
25	3.0	21	20	18	13	18	7.3	2.7	2.8	2.6	1.3	1.0
26	3.0	8.2	43	14	10	20	6.7	2.7	3.2	2.2	1.2	.80
27	3.0	5.9	20	10	10	20	6.7	2.8	2.8	2.4	2.7	.80
28	3.0	5.7	12	9.4	9.7	19	5.9	3.2	2.0	13	1.9	.80
29	3.0	4.8	9.4	8.8	-----	19	5.7	3.0	2.0	5.9	1.6	.90
30	3.0	4.5	7.9	8.2	-----	18	5.5	2.8	1.8	3.1	1.3	13
31	3.0	-----	7.0	7.0	-----	16	-----	2.6	-----	2.1	1.3	-----
TOTAL	162.9	138.8	240.5	428.5	521.0	658	259.9	110.9	90.7	94.7	76.8	40.10
MEAN	5.25	4.63	7.76	13.8	18.6	21.2	8.66	3.58	3.02	3.05	2.48	1.34
MAX	25	21	43	181	74	91	14	5.0	5.0	13	8.8	13
MIN	2.7	2.7	4.0	4.6	6.2	10	5.5	2.6	1.8	1.6	1.2	.40
CFSM	1.06	.93	1.57	2.79	3.76	4.29	1.75	.72	.61	.62	.50	.27
IN-	1.22	1.04	1.81	3.22	3.91	4.94	1.95	.83	.68	.71	.58	.30

CAL YR 1964: TOTAL 3,476.60 MEAN 9.50 MAX 257 MIN .90 CFSM 1.92 IN 26.12

WAT YR 1965: TOTAL 2,822.80 MEAN 7.73 MAX 181 MIN .40 CFSM 1.56 IN 21.21

2-4110 Coosa River at Jordan Dam, near Wetumpka, Ala

Location --Lat 32°37', long 86°15', in S $\frac{1}{2}$ sec 22, T 19 N, R 18 E, on right bank half a mile downstream from Jordan Dam, 4 miles upstream from Corn Creek, 5 5 miles northwest of Wetumpka, and 12 miles upstream from confluence with Tallapoosa River

Drainage area --10,200 sq mi, approximately

Records available --July 1912 to September 1914, December 1925 to September 1965 Prior to October 1936 published as "at Lock 18, near Wetumpka"

Gage --Water-stage recorder Datum of gage is 141 6 ft above mean sea level (levels by Alabama Power Co.) July 1912 to September 1914, staff gage at site a quarter of a mile upstream at different datum

Average discharge --41 years (1912-14, 1926-65), 16,110 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Date	Maximum		Minimum	
		Discharge (cfs)	Gage height (feet)	Discharge (cfs)	Gage height (feet)
1961	Feb 25, 1961	234,000	40 45	2,770	-
1962	Dec 18, 1961	198,000	36 00	137	-
1963	May 1, 1963	101,000	25 00	131	-
1964	Apr 6, 1964	205,000	37 60	1,480	-
1965	Feb 12, 1965	78,700	21 70	1,170	-

1912-14, 1925-65 Maximum discharge, 298,000 cfs Apr 8, 1938 (gage height, 46 4 ft), computed on basis of powerplant records and flow over spillway, minimum daily, 54 cfs Oct 15, 1938

Remarks --Records good Flow regulated by several upstream reservoirs and hydroelectric plants (see p 630-633)

Cooperation --Records collected by Alabama Power Co., under general supervision of the Geological Survey, in connection with a Federal Power Commission project

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8,290	6,030	5,970	8,680	7,170	98,200	63,200	22,500	9,120	23,000	8,060	15,200
2	6,060	5,850	8,470	13,100	6,770	85,900	51,000	21,700	8,490	18,200	7,280	7,900
3	8,900	3,940	8,500	15,400	9,830	80,000	35,400	19,500	4,360	15,900	7,330	8,670
4	10,400	4,640	6,640	14,500	9,080	73,000	27,400	15,700	5,450	9,730	8,420	7,750
5	9,810	5,430	6,810	12,200	10,400	69,700	23,200	16,700	6,350	9,910	6,690	8,320
6	9,080	5,520	6,120	15,400	12,800	63,600	25,200	16,700	5,210	10,800	6,420	7,920
7	14,400	6,190	5,140	16,000	13,100	79,900	25,600	15,700	6,190	11,100	8,820	8,400
8	17,700	3,720	8,130	14,200	15,700	71,800	22,700	13,000	9,050	9,290	8,400	8,710
9	14,700	3,160	6,860	14,900	17,600	65,500	24,200	9,740	8,920	10,500	7,960	6,520
10	14,600	3,090	5,790	9,910	17,700	61,500	23,000	10,100	7,770	11,100	8,920	6,460
11	14,500	6,890	6,230	4,980	17,900	57,900	22,200	13,400	7,220	9,290	9,460	6,090
12	14,700	6,330	13,000	4,940	14,000	54,100	34,900	14,700	8,240	12,100	8,680	3,730
13	12,600	5,980	16,300	5,670	14,000	49,300	44,400	13,900	9,460	12,900	8,650	2,770
14	12,600	5,920	12,800	7,220	14,500	48,100	43,400	11,200	11,900	15,800	5,830	3,950
15	8,120	6,820	12,600	7,950	13,500	42,000	46,800	9,690	13,300	19,600	5,290	4,470
16	5,550	5,750	15,500	7,490	11,600	38,600	44,600	10,600	16,300	20,600	4,200	4,860
17	6,410	4,320	13,200	12,400	11,700	35,500	38,900	6,560	16,100	19,900	4,940	5,310
18	7,600	5,360	6,350	12,400	16,200	38,100	26,900	9,800	15,100	18,000	4,780	6,350
19	5,300	5,280	10,100	12,000	40,300	40,900	18,800	9,700	13,500	14,800	5,330	5,760
20	4,320	5,800	10,500	13,400	76,200	37,200	13,300	10,900	13,100	14,600	5,790	5,680
21	5,610	5,780	11,100	13,200	114,000	33,600	14,300	8,530	18,400	14,400	6,030	4,960
22	6,040	3,620	13,500	12,900	174,000	32,500	15,200	10,000	15,800	15,900	4,680	6,070
23	5,750	6,820	15,500	11,100	191,000	32,300	14,200	10,000	16,100	17,000	4,310	5,010
24	9,370	6,200	15,300	10,900	192,000	31,000	14,300	12,400	17,400	10,100	5,180	5,580
25	6,990	8,320	14,200	10,600	211,000	28,400	13,800	12,400	19,800	9,500	4,920	5,790
26	6,410	8,310	13,100	10,800	156,000	27,100	15,000	12,400	22,900	10,000	5,640	3,710
27	5,950	6,370	12,600	12,600	132,000	25,600	17,500	12,500	44,000	11,400	6,000	3,540
28	6,520	7,260	9,250	13,400	113,000	25,800	21,600	11,100	39,400	10,700	6,340	3,780
29	5,800	6,810	9,760	14,000	-----	28,300	26,800	10,200	34,000	9,600	4,510	3,480
30	5,670	6,760	10,800	9,260	-----	26,100	26,000	10,200	29,100	6,440	3,130	4,040
31	6,180	-----	11,800	8,650	-----	70,700	-----	9,600	-----	8,290	9,260	-----
TOTAL	275,930	172,270	321,920	350,150	1,633,1M	1,552,2M	833,800	391,120	452,030	410,510	201,250	180,780
MEAN	8,901	5,742	10,380	11,300	58,320	50,070	27,790	12,620	15,070	13,240	6,492	6,026
MAX	17,700	8,320	16,300	16,000	211,000	98,200	63,200	22,500	44,000	23,000	9,460	15,200
MIN	4,320	3,090	5,140	4,940	6,770	25,600	13,300	6,560	4,360	6,440	3,130	2,770

CAL YR 1960 TOTAL 4,740,965 MEAN 12,950 MAX 55,400 MIN 125 CFSM 1 27 IN 17 29
 MAY YR 1961: TOTAL 6,775,010 MEAN 18,560 MAX 211,000 MIN 2,770 CFSM 1 82 IN 24 70

M Expressed in thousands

2-4110 Coosa River at Jordan Dam, near Wetumpka, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5,460	2,870	5,360	39,000	58,200	41,500	31,200	15,100	10,000	6,350	3,150	5,030
2	4,900	2,680	4,730	37,800	57,000	41,200	35,800	12,900	6,780	5,750	3,320	5,340
3	3,340	2,970	5,360	37,900	53,200	38,200	33,900	13,800	7,120	5,000	5,290	5,060
4	4,730	4,510	4,750	37,200	48,600	38,600	30,300	15,200	9,100	5,250	5,160	5,660
5	5,340	5,340	2,590	36,700	43,500	37,200	29,700	10,500	8,390	6,720	5,460	2,590
6	3,280	5,010	2,450	45,000	38,900	35,300	31,800	15,800	10,500	9,590	5,170	2,440
7	4,750	3,660	4,660	48,600	35,700	28,000	42,300	14,500	11,100	15,800	3,180	1,850
8	5,280	3,400	10,400	41,200	35,600	24,000	37,200	13,700	11,500	19,100	2,930	137
9	5,130	3,160	11,400	42,000	34,800	23,200	31,400	12,100	10,700	19,200	3,900	5,010
10	5,300	2,320	36,000	40,300	30,500	23,800	25,200	12,100	9,330	20,400	6,740	5,600
11	4,090	4,530	32,900	36,700	25,800	31,900	23,300	10,500	10,200	16,400	5,400	2,730
12	4,330	5,250	99,400	31,400	20,700	49,100	101,000	11,500	11,600	11,000	5,760	2,710
13	4,140	5,110	120,000	28,900	19,900	49,200	90,900	10,100	11,900	10,500	6,180	2,890
14	4,390	3,150	110,000	26,600	17,500	44,300	84,000	13,500	9,130	6,880	6,300	5,820
15	5,160	2,390	117,000	25,500	17,700	41,000	77,900	8,960	10,700	6,490	6,800	8,990
16	5,470	2,400	80,600	24,400	16,000	37,100	67,900	7,580	9,530	7,090	6,810	10,100
17	3,210	2,340	80,900	23,500	15,700	32,600	55,400	7,860	7,890	6,280	7,670	9,960
18	2,550	4,230	154,000	22,000	15,500	28,100	55,800	6,250	8,610	6,830	6,650	9,290
19	2,540	5,090	117,000	46,400	17,700	24,500	53,300	7,540	8,130	7,530	5,500	6,050
20	2,540	5,460	105,000	52,700	16,200	23,200	49,200	6,390	7,810	7,380	5,860	7,820
21	4,160	3,640	84,000	47,200	16,200	22,300	43,700	7,190	9,090	7,300	4,500	7,080
22	5,010	3,270	72,100	38,900	39,800	21,700	34,800	5,530	8,310	7,650	3,460	5,030
23	5,110	4,960	61,900	26,600	95,200	19,200	27,300	5,630	6,160	7,580	3,680	5,460
24	2,910	5,370	57,700	40,500	97,400	18,900	25,400	7,220	7,010	6,560	3,520	5,640
25	2,840	3,990	56,500	37,900	74,700	21,000	22,900	7,340	8,080	6,590	5,470	4,900
26	2,990	5,250	52,200	35,000	57,200	18,200	21,000	7,100	6,940	9,110	5,490	3,570
27	2,950	6,510	51,900	39,600	52,500	23,800	19,000	6,450	7,670	9,370	5,670	2,330
28	4,470	11,000	51,600	65,600	46,400	24,700	19,200	6,460	7,220	6,590	4,990	3,940
29	5,050	9,470	49,400	73,100	-----	25,300	22,900	6,330	6,740	5,600	4,190	5,310
30	5,020	7,100	42,600	66,500	-----	25,600	21,100	6,840	6,470	5,430	2,840	5,490
31	2,810	-----	37,400	60,800	-----	25,600	-----	8,590	-----	4,640	2,120	-----
TOTAL	127,450	136,430	1,721,880	1,255,580	1,098,180	938,300	1,244,880	300,560	263,310	275,760	153,140	153,827
MEAN	4,111	4,548	55,540	40,500	39,220	30,270	41,490	9,695	8,770	8,895	4,940	5,128
MAX	5,470	11,000	154,000	73,100	97,400	49,200	101,000	15,800	11,900	20,400	7,670	10,100
MIN	2,540	2,320	2,450	22,000	15,500	18,200	19,000	5,530	6,160	4,640	2,120	137

CAL YR 1961: TOTAL 7,990,570 MEAN 21,890 MAX 211,000 MIN 2,320 CFSM 2 15 IN 29 13
 MAY YR 1962: TOTAL 7,668,977 MEAN 21,010 MAX 154,000 MIN 137 CFSM 2 06 IN 27 96

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5,890	4,380	13,200	17,800	26,700	12,000	22,200	91,400	13,100	22,100	15,900	131
2	3,590	5,440	10,100	17,700	27,100	13,400	16,300	83,700	15,000	18,000	16,400	3,830
3	11,500	5,440	11,200	17,200	28,300	15,300	14,400	11,700	18,700	16,000	16,000	4,560
4	19,100	5,630	12,300	16,800	50,800	15,500	14,100	61,000	9,920	20,800	10,900	2,740
5	19,000	5,750	12,000	14,000	47,400	15,600	15,400	55,000	8,150	16,400	14,000	2,710
6	15,300	3,460	12,000	11,300	44,500	26,600	14,700	52,800	8,190	15,100	14,000	2,970
7	16,400	4,210	12,000	13,400	36,300	41,100	14,600	56,700	14,000	10,000	16,100	161
8	15,000	3,480	9,390	10,200	29,600	58,300	15,400	49,500	5,740	14,400	7,780	5,330
9	10,200	8,470	6,520	7,590	25,900	52,600	15,000	47,400	5,870	11,600	6,970	5,560
10	7,840	13,500	11,300	7,990	21,700	51,000	14,900	37,400	5,780	12,800	5,480	3,760
11	10,600	12,200	8,000	9,240	17,600	45,000	13,200	26,900	4,180	13,600	5,300	3,030
12	9,170	11,400	6,460	14,800	16,900	50,200	9,850	21,700	4,880	13,500	5,180	2,850
13	6,600	10,200	8,220	20,400	16,900	90,800	8,700	18,200	5,130	10,400	4,240	3,470
14	6,320	8,960	11,200	22,100	16,900	80,300	8,660	16,900	5,980	6,800	5,580	5,020
15	6,120	7,540	13,000	24,200	15,400	68,500	7,940	16,900	5,520	8,370	10,100	5,480
16	3,500	5,640	9,670	23,300	15,400	62,600	8,570	16,900	5,490	8,600	8,280	5,660
17	3,280	10,000	9,170	22,700	14,100	54,500	7,300	16,900	9,830	7,490	7,050	5,920
18	4,920	9,700	8,420	23,100	15,100	57,000	7,710	16,900	13,000	10,900	5,410	6,100
19	5,020	10,800	6,380	23,900	12,700	58,000	8,170	16,900	12,600	14,300	5,890	6,970
20	5,240	15,000	6,830	47,000	16,900	57,400	8,880	16,800	11,900	12,900	5,500	7,360
21	5,450	19,900	8,080	75,200	16,900	52,000	13,600	13,200	14,600	7,610	5,940	6,300
22	5,890	19,800	7,940	63,200	16,900	41,600	11,200	10,700	20,200	10,100	7,730	5,420
23	3,600	18,300	7,730	55,600	17,100	39,600	7,330	9,870	64,300	10,000	6,150	5,530
24	2,970	18,400	8,580	47,200	16,900	36,500	5,600	10,400	73,700	11,600	5,300	5,450
25	3,180	18,600	7,960	40,800	16,300	35,300	5,190	8,580	47,900	15,500	5,300	4,800
26	3,900	18,400	10,100	37,400	13,400	45,800	5,520	10,700	32,500	15,500	5,400	4,590
27	3,660	16,400	10,600	33,400	13,300	45,100	6,310	15,300	24,700	16,100	3,740	5,950
28	5,350	16,000	18,200	29,400	12,600	36,500	10,700	15,200	23,800	15,400	3,920	8,770
29	5,530	13,300	16,300	23,800	-----	29,500	17,100	16,500	24,400	14,400	7,150	13,200
30	3,180	15,100	16,300	23,400	-----	27,300	38,800	14,300	23,400	9,450	5,300	17,700
31	3,490	-----	17,700	22,900	-----	26,500	-----	14,500	-----	10,800	3,200	-----
TOTAL	232,790	333,620	328,850	817,020	629,400	1,361,480	367,330	924,250	518,160	407,220	239,090	161,322
MEAN	7,509	11,120	10,610	26,360	22,400	43,560	12,490	29,810	17,770	13,140	7,713	5,371
MAX	19,100	19,900	17,700	75,200	50,800	90,800	38,800	91,400	73,700	22,100	16,400	17,700
MIN	2,970	3,460	6,380	7,590	12,600	12,000	5,190	8,580	4,180	6,800	3,200	131

CAL YR 1962: TOTAL 6,578,557 MEAN 18,020 MAX 101,000 MIN 137 CFSM 1 77 IN 23 99
 MAY YR 1963: TOTAL 6,320,652 MEAN 17,320 MAX 91,400 MIN 131 CFSM 1 70 IN 23 04

M Expressed in thousands

2-4110 Coosa River at Jordan Dam, near Wetumpka, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	17,100	4,760	11,600	11,100	38,000	22,800	56,400	45,500	12,800	3,780	6,920	5,520
2	9,050	4,720	11,600	9,620	37,100	28,000	53,000	42,600	12,900	3,980	4,760	3,900
3	10,300	5,490	11,900	11,200	34,600	61,800	51,100	49,800	12,300	3,650	6,960	4,220
4	8,300	5,180	11,900	10,700	33,700	51,800	50,400	54,500	11,700	5,620	5,880	4,040
5	7,220	4,060	11,200	11,800	33,800	61,000	47,000	57,400	10,100	5,060	7,930	5,160
6	7,660	4,420	9,890	16,500	33,300	53,400	158,000	57,600	7,530	4,980	7,290	5,500
7	8,010	4,650	9,240	17,600	31,900	50,300	120,000	56,700	6,080	3,500	6,160	5,400
8	7,000	5,960	7,770	21,000	26,600	45,500	110,000	52,300	10,000	3,170	5,720	5,900
9	6,820	5,690	8,880	30,200	26,100	44,100	87,400	54,000	10,700	3,430	5,760	4,180
10	6,880	5,720	8,780	46,000	26,100	40,600	76,100	51,000	10,300	3,300	5,970	2,440
11	6,870	5,060	8,800	46,700	24,100	42,500	70,600	49,100	9,600	4,850	4,490	2,240
12	5,340	4,740	18,600	43,700	19,500	40,300	64,900	40,400	8,340	4,900	4,610	7,060
13	5,280	4,090	19,100	39,300	17,900	37,700	103,000	36,500	6,420	5,530	6,260	5,060
14	5,290	4,310	27,300	32,300	18,900	36,400	97,900	30,300	5,810	3,920	8,440	5,360
15	4,820	4,880	37,700	26,300	20,800	90,300	86,000	26,100	7,420	4,430	5,480	3,080
16	4,880	5,240	31,600	21,600	24,500	101,000	75,300	23,300	6,740	5,130	5,000	2,880
17	3,850	5,240	27,100	19,900	32,700	89,900	67,600	24,600	8,160	7,390	7,220	2,220
18	4,760	5,500	23,700	17,500	42,600	75,800	62,500	23,100	8,040	4,750	5,440	2,850
19	5,020	5,170	20,000	17,900	49,600	71,800	56,400	22,400	8,000	5,200	6,460	5,190
20	5,170	4,460	17,800	19,200	47,100	64,500	59,500	21,300	7,230	5,010	7,370	5,260
21	5,180	5,080	17,700	17,700	41,700	56,900	52,400	18,700	6,640	1,580	9,650	5,420
22	3,820	3,820	17,800	15,900	40,200	56,800	55,100	19,400	5,950	1,480	5,040	3,100
23	3,220	5,220	15,200	14,400	37,100	54,700	50,700	20,600	6,410	6,600	6,030	2,920
24	4,010	5,730	15,800	17,300	35,800	52,900	48,300	17,500	6,160	7,540	6,840	4,420
25	4,910	5,420	11,100	42,400	32,000	51,300	40,700	19,200	6,180	9,700	5,590	4,250
26	5,150	4,730	11,800	72,800	28,700	59,000	35,600	17,000	6,290	7,240	2,940	5,480
27	5,520	4,260	8,710	61,000	27,900	76,000	50,000	15,400	4,660	9,950	5,120	5,400
28	5,020	6,250	8,090	54,600	24,100	74,900	48,700	15,500	4,980	12,700	8,600	6,500
29	3,660	6,490	7,880	46,600	23,000	71,900	55,800	15,600	5,930	7,830	5,480	5,170
30	4,160	10,400	13,000	38,700	-----	67,400	49,200	14,800	6,140	10,500	6,410	6,780
31	4,880	-----	11,700	37,600	-----	59,200	-----	13,800	-----	10,700	6,020	-----
TOTAL	189,150	158,740	473,340	888,720	909,400	1,790,500	2,035,600	1,008,800	237,490	177,280	191,840	136,900
MEAN	6,102	5,291	15,270	28,670	31,360	57,760	67,850	32,540	7,816	5,719	6,188	4,563
MAX	17,100	16,400	37,700	72,800	49,600	101,000	158,000	57,600	12,900	12,700	9,450	7,060
MIN	3,220	3,820	7,770	9,620	17,900	22,800	35,600	13,800	4,140	1,480	2,940	2,220

CAL YR 1963: TOTAL 6,246,622 MEAN 17,110 MAX 91,400 MIN 1,310 CFSM 1 68 IN 22 78
WAT YR 1964: TOTAL 8,197,760 MEAN 22,400 MAX 158,000 MIN 1,480 CFSM 2 20 IN 29 89

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5,090	8,570	11,700	16,000	17,000	19,500	53,200	14,700	8,130	6,120	8,000	2,830
2	6,660	7,050	10,900	15,400	15,100	21,800	50,400	14,500	6,400	5,670	9,710	2,610
3	10,200	7,090	13,600	15,900	14,700	28,800	48,000	14,500	5,860	5,120	8,440	4,890
4	12,500	7,020	14,000	14,800	14,700	33,900	45,300	11,100	4,940	5,290	7,250	1,170
5	7,990	9,040	16,800	14,900	14,800	32,800	44,200	9,460	4,710	6,440	3,750	5,120
6	10,300	8,000	17,000	14,700	15,700	34,200	46,400	8,400	5,380	6,560	2,990	5,510
7	15,400	6,520	18,000	14,900	19,800	31,800	62,100	6,070	4,910	6,700	3,220	4,850
8	14,900	6,680	19,500	14,900	22,400	33,000	58,600	8,270	9,040	8,910	3,280	5,880
9	14,900	5,620	19,300	12,000	24,800	29,100	45,400	5,640	11,500	8,320	3,520	5,480
10	14,500	4,940	17,600	11,700	24,900	26,500	36,500	7,400	12,300	8,200	5,190	5,400
11	14,400	4,950	18,600	14,000	29,700	26,200	34,600	7,360	16,500	7,570	6,520	5,740
12	13,500	5,900	19,400	14,900	63,900	24,100	25,100	5,520	17,200	8,740	7,960	5,040
13	7,530	6,770	20,500	14,900	66,800	33,400	23,500	4,830	15,800	8,430	3,810	6,130
14	7,990	6,710	20,500	14,900	56,100	32,100	26,900	5,960	15,300	6,390	3,810	4,430
15	10,400	6,860	20,400	14,900	50,100	28,400	29,500	5,320	15,300	5,560	4,510	4,780
16	14,600	5,760	20,000	15,100	42,000	24,500	27,000	5,440	12,900	6,290	3,490	5,640
17	15,300	6,480	18,400	14,800	44,400	23,700	23,800	5,850	13,900	7,050	2,320	5,400
18	17,000	6,130	18,300	15,000	48,400	25,200	19,700	7,550	15,700	4,760	3,710	6,770
19	16,400	5,720	16,800	15,300	42,800	23,800	17,000	7,980	16,300	5,510	3,550	7,580
20	15,600	8,520	15,500	14,800	37,500	22,300	13,900	8,020	14,400	6,010	4,440	7,230
21	15,000	6,620	15,100	13,400	30,600	21,600	13,500	8,270	7,840	6,150	3,790	5,230
22	9,190	5,400	15,500	12,000	25,900	20,500	13,600	8,460	4,040	6,270	5,140	5,040
23	8,070	5,620	15,100	15,100	22,500	17,300	14,300	7,870	4,240	6,310	4,940	5,950
24	8,300	5,540	15,400	24,100	21,200	17,100	14,500	8,100	5,310	6,840	4,530	5,600
25	6,870	12,600	22,600	20,600	17,200	19,500	14,400	9,750	8,130	8,200	4,840	4,860
26	6,180	17,000	28,800	16,900	15,700	31,000	14,500	9,090	6,920	5,590	6,910	5,700
27	3,950	16,800	24,200	15,500	17,300	42,000	14,500	8,890	6,840	6,140	4,680	4,480
28	5,970	15,800	21,700	15,200	16,600	30,900	15,900	9,100	7,100	6,420	5,330	5,580
29	6,890	10,900	20,700	15,300	-----	55,800	12,800	7,580	8,450	6,950	5,150	4,520
30	8,990	10,600	19,600	16,500	-----	59,600	13,100	6,780	6,570	7,900	4,880	5,370
31	8,790	-----	17,200	17,100	-----	56,900	-----	8,090	-----	8,240	3,360	-----
TOTAL	333,360	241,210	563,300	475,700	832,600	947,300	869,800	293,640	291,910	208,650	152,720	153,810
MEAN	10,750	8,040	18,170	15,350	26,740	30,560	28,990	6,182	9,730	6,731	4,924	5,127
MAX	17,000	17,000	28,800	24,100	66,800	59,600	62,100	14,700	17,200	8,910	9,710	7,580
MIN	3,950	4,940	10,900	11,700	14,700	17,100	12,800	4,830	4,040	4,760	2,320	1,170

CAL YR 1964: TOTAL 8,514,400 MEAN 23,260 MAX 158,000 MIN 1,480 CFSM 2 28 IN 31 04
WAT YR 1965: TOTAL 5,324,000 MEAN 14,590 MAX 66,800 MIN 1,170 CFSM 1 43 IN 19,41

2-4118 Little River near Buchanan, Ga

Location --Lat 33°47'50", long 85°07'10", on right bank 150 ft upstream from bridge on county highway, 4½ miles east of Buchanan, Haralson County, and 7 miles above mouth

Drainage area --18 sq mi, approximately

Records available --June 1959 to September 1965

Gage --Digital water-stage recorder. Altitude of gage is 1,110 ft above mean sea level (from topographic map). Prior to Mar 10, 1965, graphic water-stage recorder at same site and datum

Average discharge --6 years, 32 0 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (500 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	0700	* 3,710	12 47	Mar 6, 1963	0600	501	4 44	Apr 6, 1964	1400	3,160	11 8
Feb 25, 1961	0900	1,550	8 53	Mar 12, 1963	2000	* 2,700	11 5				
Mar 31, 1961	1400	459	4 57	Apr 30, 1963	0300	1,000	6 7	Oct 16, 1964	0815	635	4 40
Apr 12, 1961	1300	582	4 90	June 22, 1963	0100	670	5 00	Dec 26, 1964	2000	560	4 10
Dec 12, 1961	0900	636	5 2	Jan 25, 1964	0400	* 3,480	12 2	Jan 23, 1965	2000	840	5 32
Dec 18, 1961	1000	1,280	8 0	Mar 2, 1964	2200	940	5 7	Feb 7, 1965	0530	710	4 73
Feb 22, 1962	1200	* 1,450	8 5	Mar 15, 1964	1200	1,570	8 4	Apr 5, 1965	1730	* 1,140	6 69
Apr 12, 1962	1400	501	4 43	Mar 25, 1964	2100	1,630	8 6				

Annual minimum discharge, water years 1961-65					
Water year	Date	Discharge	Water year	Date	Discharge
1961	Sept 29, 30, 1961	4 1	1964	Sept 9, 1964	4 1
1962	Sept 21-25, 30, 1962	a 2 1	1965	Sept 16, 22, 1965	a 6 7
1963	Oct 1, 1962	a 2 4			

a Minimum daily

1959-65 Maximum discharge, 3,710 cfs Feb 21, 1961 (gage height, 12 47 ft), from rating curve extended above 950 cfs on basis of slope-area measurement of peak flow, minimum recorded, 2 0 cfs Aug 29, 1959

Remarks --Records fair except those for period of no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	10	11	9.2	49	13	41	97	38	17	22	6.3	21
2	8.6	9.2	8.9	24	12	36	51	38	16	20	6.0	13
3	7.5	8.9	8.9	20	13	32	54	31	15	18	6.0	12
4	6.9	8.2	9.2	18	12	31	52	31	15	18	5.7	10
5	37	8.2	9.2	16	11	29	39	28	15	16	5.7	9.6
6	61	8.9	9.2	15	11	44	35	28	18	15	6.3	14
7	36	8.6	9.2	15	25	129	32	28	20	15	8.6	10
8	27	7.8	9.2	14	28	136	30	25	16	15	8.9	8.9
9	82	8.6	8.9	13	18	62	64	50	15	13	10	8.2
10	26	13	8.9	13	14	45	49	32	17	12	10	7.8
11	17	11	32	13	13	38	36	91	21	13	8.2	7.5
12	14	9.6	18	13	12	35	274	58	31	46	7.2	7.2
13	12	9.2	13	13	11	51	73	41	46	103	6.6	6.9
14	11	9.2	12	18	11	44	49	33	97	40	6.3	8.9
15	10	9.2	13	17	11	34	45	30	30	30	6.0	9.6
16	10	9.2	13	15	11	31	46	27	46	22	6.3	6.9
17	9.6	10	11	13	11	28	38	25	29	18	5.1	6.3
18	8.9	9.6	11	13	39	71	34	31	25	20	4.8	6.3
19	9.2	9.2	11	21	163	51	33	34	21	16	4.8	6.3
20	20	9.2	12	23	230	39	32	25	27	14	5.1	7.2
21	12	8.9	29	16	1,370	40	31	23	63	14	4.8	6.6
22	10	8.9	16	15	220	36	30	25	38	13	4.8	6.0
23	9.6	18	14	15	211	32	30	44	31	13	18	5.4
24	9.2	14	14	14	127	30	29	28	45	13	30	5.1
25	8.6	11	13	13	781	28	28	25	30	11	13	4.8
26	8.6	11	13	14	96	28	42	26	79	10	17	4.5
27	8.9	10	13	15	55	27	204	24	56	8.9	11	4.5
28	8.6	10	13	13	50	31	66	21	35	8.2	9.2	4.3
29	8.6	11	13	13	-----	30	43	20	28	7.5	7.8	4.1
30	8.6	10	16	13	-----	28	36	18	24	6.6	7.5	4.1
31	11	-----	20	13	-----	272	-----	17	-----	6.3	32	-----
TOTAL	527.4	300.6	410.8	510	3,579	1,589	1,702	995	966	597.5	289.0	237.0
MEAN	17.0	10.0	13.3	16.5	128	51.3	56.7	32.1	32.2	19.3	9.32	7.90
MAX	82	18	32	49	1,370	272	274	91	97	103	32	21
MIN	6.9	7.8	8.9	13	11	27	28	17	15	6.3	4.8	4.1
CFSM	.95	.56	.74	.91	7.10	2.85	3.15	1.78	1.79	1.07	.52	.44
IN.	1.09	.62	.85	1.05	7.39	3.28	3.52	2.06	2.00	1.23	.60	.49

CAL YR 1960: TOTAL 8,467.0 MEAN 23.1 MAX 341 MIN 3-1 CFSM 1.29 IN 17.49
 WAT YR 1961: TOTAL 11,703.3 MEAN 32.1 MAX 1,370 MIN 4-1 CFSM 1.78 IN 24.18

2-4118 Little River near Buchanan, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.3	6.3	7.8	33	34	44	52	26	12	8.0	7.5	4.0
2	4.3	6.6	7.8	28	32	41	40	26	11	7.3	7.5	3.9
3	11	6.6	7.8	25	30	40	37	23	12	8.4	7.5	3.8
4	8.6	8.6	7.8	25	30	39	35	22	14	25	8.0	3.8
5	6.9	6.3	10	27	29	37	37	22	23	22	7.5	4.2
6	5.4	5.7	20	90	27	36	74	20	13	38	7.5	3.9
7	5.1	5.7	15	45	26	35	76	20	12	34	7.5	3.7
8	5.1	5.1	11	38	28	34	50	19	19	18	10	3.6
9	5.1	4.8	10	32	29	48	43	20	10	12	7.5	4.0
10	4.8	5.1	126	30	25	65	38	22	11	10	7.5	5.0
11	4.5	5.4	69	28	24	96	142	20	11	9.2	7.5	5.8
12	4.5	5.7	456	28	24	108	292	18	16	9.2	7.2	3.4
13	4.5	6.0	170	28	24	57	90	16	17	8.4	7.2	5.0
14	4.5	9.6	51	28	24	48	59	16	12	7.7	7.5	7.2
15	4.5	9.2	55	44	23	44	51	15	10	8.8	8.8	8.7
16	4.5	10	42	34	34	40	44	14	9.2	10	7.0	5.4
17	5.7	8.2	128	28	27	37	41	14	8.4	8.0	7.0	4.4
18	6.0	6.6	606	28	28	36	40	14	8.0	7.6	6.6	4.1
19	4.8	6.3	72	110	45	36	37	13	7.7	7.2	7.2	3.1
20	4.3	6.0	49	62	30	35	34	13	10	7.0	6.2	2.6
21	4.5	6.0	38	43	53	55	33	12	9.6	6.8	7.0	2.1
22	4.5	6.3	34	38	850	38	33	11	8.0	6.8	6.8	2.1
23	4.5	4.5	35	24.5	81	24.5	32	11	7.7	6.6	6.6	2.1
24	4.5	20	30	56	101	33	31	11	8.0	7.0	6.0	2.1
25	4.5	11	27	45	72	48	36	10	8.0	8.0	5.5	2.1
26	4.3	10	25	39	64	70	35	9.6	8.0	8.0	5.2	3.1
27	4.3	9.2	28	61	53	45	32	9.6	17	7.8	5.0	4.7
28	5.1	8.6	41	102	48	70	30	9.2	31	16	4.7	2.6
29	5.7	8.2	28	53	-----	36	33	8.4	16	15	4.5	2.4
30	6.0	7.8	25	43	-----	35	28	15	9.6	9.6	4.4	2.1
31	6.3	-----	27	37	-----	68	-----	11	-----	8.0	4.2	-----
TOTAL	162.6	269.9	2,259.2	1,389	2,059	1,459	1,635	490.8	369.2	365.4	209.3	115.0
MEAN	5.25	9.00	72.9	44.8	73.5	47.1	54.5	15.8	12.5	11.8	6.75	3.83
MAX	11	49	606	110	850	108	292	26	31	38	10	8.7
MIN	4.3	4.8	7.8	25	23	33	28	8.4	7.7	6.6	4.2	2.1
CFSM	.29	.50	4.05	2.49	4.09	2.61	3.03	.88	.68	.65	.38	.21
IN.	.34	.56	4.67	2.87	4.25	3.01	3.38	1.01	.76	.75	.43	.24

CAL YR 1962: TOTAL 13,126.2 MEAN 36.9 MAX 1,310 MIN 2.1 CFSM 1.20 IN 27.18

WAT YR 1963: TOTAL 10,783.4 MEAN 36.9 MAX 850 MIN 2.4 CFSM 1.64 IN 22.18

Note --No gage-height record July 18 to Sept. 19

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.4	4.7	14	20	27	40	26	73	12	49	14	6.7
2	4.7	4.7	13	18	29	34	24	47	10	51	13	6.7
3	100	5.0	13	18	108	24	24	34	10	57	12	6.1
4	16	5.0	13	16	41	23	23	27	10	32	10	3.2
5	6.7	5.4	15	16	33	42	22	27	10	25	9.5	2.4
6	5.0	5.4	16	16	27	230	29	25	9.8	23	9.5	9.9
7	5.0	5.7	13	15	24	50	26	23	8.8	26	8.7	8.3
8	6.7	9.9	13	15	22	36	24	22	8.8	22	8.3	8.0
9	5.7	9.5	12	14	20	30	23	20	8.5	20	8.0	7.3
10	4.7	22	12	14	20	28	22	19	7.6	17	7.3	6.7
11	4.7	13	12	25	22	25	20	18	8.5	15	7.3	6.7
12	4.7	18	10	63	24	779	19	18	8.5	15	7.3	7.6
13	4.7	18	9.2	28	20	407	19	18	7.6	15	7.7	8.7
14	4.1	13	11	21	19	82	18	27	6.7	15	10	7.3
15	5.0	11	11	18	17	55	17	22	6.4	16	7.7	8.3
16	4.7	10	13	17	16	45	18	18	10	22	7.3	8.3
17	5.0	11	12	16	16	188	17	16	33	19	23	7.3
18	4.7	24	12	38	16	62	17	17	13	20	30	6.7
19	4.4	16	11	44	67	46	16	16	12	17	11	6.4
20	4.1	20	12	94	39	62	47	15	48	16	14	6.4
21	5.4	166	12	55	31	39	31	16	148	28	16	6.1
22	6.0	107	31	33	27	33	22	14	291	15	11	5.7
23	4.7	29	16	30	26	31	19	12	89	18	9.1	5.4
24	4.1	22	14	22	30	29	16	11	40	58	7.7	5.1
25	4.1	19	76	20	26	28	20	10	28	33	7.3	4.8
26	4.4	17	50	22	26	84	20	20	88	23	7.3	4.8
27	4.4	15	27	22	23	46	17	26	86	22	10	5.1
28	4.7	15	22	18	24	34	47	22	79	18	9.9	111
29	4.7	20	39	16	-----	30	244	24	95	17	9.1	93
30	4.7	16	30	32	-----	28	438	16	160	15	8.3	18
31	6.0	-----	22	31	-----	26	-----	13	-----	15	7.3	-----
TOTAL	256.2	702.8	586.2	827	820	2,696	1,325	690	1,353.2	754	328.6	408.4
MEAN	8.26	23.4	18.9	26.7	29.3	87.0	44.2	22.3	45.1	24.3	10.6	13.6
MAX	100	166	76	94	108	779	438	73	291	58	30	111
MIN	2.4	4.7	9.2	14	16	23	16	10	6.4	15	7.3	4.8
CFSM	.46	1.30	1.05	1.48	1.63	4.83	2.45	1.24	2.51	1.35	.59	.76
IN.	.53	1.45	1.21	1.71	1.69	5.57	2.74	1.43	2.80	1.56	.68	.84

CAL YR 1962: TOTAL 9,629.9 MEAN 26.4 MAX 850 MIN 2.1 CFSM 1.67 IN 19.91

WAT YR 1963: TOTAL 10,747.4 MEAN 26.4 MAX 779 MIN 2.4 CFSM 1.64 IN 22.21

2-4118 Little River near Buchanan, Ga --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12		18	35	46	31	43	45	27	17	15	6.1
2	10	9.1	18	28	34	252	41	101	24	20	10	5.4
3	9.1	7.7	22	37	30	168	42	188	20	18	9.8	5.1
4	8.7	7.3	17	46	29	72	55	70	18	17	11	5.1
5	8.0	7.7	15	40	38	153	49	52	19	16	16	5.1
6	7.3	8.7	14	37	76	61	1,160	45	20	12	12	5.1
7	7.3	7.7	14	43	43	62	537	40	20	12	11	4.5
8	7.0	7.3	20	34	37	73	115	37	18	28	10	4.3
9	7.0	7.0	17	183	32	51	74	34	16	21	9.6	4.3
10	6.7	7.3	14	62	30	59	59	34	15	43	9.2	4.3
11	6.7	7.3	125	43	35	44	54	32	15	43	8.8	4.5
12	6.7	7.0	190	40	28	40	56	135	13	36	8.4	27
13	6.7	7.0	78	34	35	36	186	60	17	77	8.3	12
14	6.7	7.3	119	29	40	134	93	43	14	28	8.2	8.0
15	6.7	7.3	54	28	40	807	65	37	12	22	8.7	7.0
16	6.7	7.7	37	26	50	110	54	34	12	22	10	6.4
17	6.7	8.0	30	28	36	68	49	31	12	18	12	6.4
18	6.7	9.9	28	26	122	55	46	30	12	21	9.6	6.4
19	6.4	9.9	24	24	61	43	50	43	28	9.9	8.8	6.4
20	6.4	8.0	22	34	45	51	40	28	9.5	18	8.0	7.0
21	6.4	8.0	21	26	39	57	38	25	9.1	26	8.2	6.4
22	6.1	8.0	20	24	36	45	37	24	11	18	8.6	6.1
23	6.1	12	29	22	32	42	37	28	33	15	9.3	5.7
24	6.7	9.9	25	223	31	41	37	29	54	19	10	5.4
25	7.0	8.3	22	999	55	471	46	25	23	13	9.0	4.8
26	6.7	9.5	22	75	48	380	53	22	30	12	8.2	4.8
27	6.7	15	22	50	39	94	133	21	26	11	7.3	5.4
28	6.7	15	20	40	39	65	92	20	17	11	7.0	5.7
29	6.4	110	19	34	33	54	131	20	14	10	6.7	9.9
30	6.4	31	18	32	-----	47	54	22	12	10	7.0	59
31	6.7	-----	20	44	-----	45	-----	22	-----	16	6.4	-----
TOTAL	221.4	387.9	1,114	2,426	1,239	3,718	3,519	1,362	552.5	663	292.1	253.4
MEAN	7.1	12.9	35.9	78.3	42.7	120	117	43.9	18.4	21.4	9.42	8.45
MAX	12	110	190	999	122	807	1,160	188	54	77	16	59
MIN	6.1	7.0	14	22	28	31	37	20	9.1	10	6.4	4.3
CFSM	.40	72	2.00	4.35	2.37	6.66	6.52	2.44	1.02	1.19	.52	.47
IN.	.46	.80	2.30	5.01	2.56	7.68	7.27	2.81	1.14	1.37	.60	.52
CAL YR 1963: TOTAL	10,925.5			MEAN 29.9		MAX 779	MIN 4.8	CFSM 1.66	IN 22.57			
WAT YR 1964: TOTAL	15,748.5			MEAN 33.0		MAX 1,160	MIN 4.3	CFSM 2.39	IN 22.54			

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	20	14	16	30	32	40	49	25	12	19	12	6.9
2	14	14	16	31	44	98	46	24	11	14	11	37
3	12	14	16	41	30	62	51	23	11	14	9.9	47
4	14	113	29	106	98	30	52	30	34	9.5	16	12
5	87	13	49	26	28	65	327	20	47	29	9.8	12
6	25	13	30	25	50	56	109	20	21	29	9.5	10
7	16	13	24	24	288	49	72	19	53	18	8.8	9.2
8	14	13	21	24	74	47	62	19	90	37	9.0	8.2
9	13	13	20	24	54	42	54	18	30	31	10	7.5
10	12	12	18	103	47	38	48	18	66	19	17	7.7
11	11	12	19	51	42	36	45	17	85	18	8.7	7.7
12	10	12	56	38	156	116	63	18	53	16	12	8.1
13	10	12	33	33	89	67	47	16	38	15	11	8.4
14	10	12	25	29	60	51	41	15	30	94	13	7.5
15	56	14	21	30	49	45	41	14	31	37	45	7.0
16	334	12	20	35	44	41	44	14	29	22	34	6.7
17	54	12	20	26	75	62	37	13	26	17	14	7.0
18	31	12	26	26	69	76	35	14	23	18	11	7.3
19	23	12	19	25	50	47	41	13	20	25	9.8	11
20	20	20	39	25	43	43	37	13	18	15	8.7	8.2
21	19	14	32	25	40	38	33	78	17	14	8.6	7.1
22	18	12	26	23	37	37	31	151	16	13	12	6.7
23	16	12	24	285	35	44	30	34	15	13	12	17
24	16	17	26	124	50	137	29	24	17	18	15	16
25	16	161	154	58	107	96	28	20	20	18	9.5	9.7
26	15	39	208	46	49	149	31	19	20	15	8.1	8.4
27	15	25	105	38	42	98	50	17	16	16	9.0	8.2
28	15	24	54	33	39	66	34	17	16	39	11	7.5
29	15	22	41	32	-----	68	28	15	15	24	8.4	7.9
30	14	18	36	34	-----	68	27	13	16	16	7.3	13
31	14	-----	33	29	-----	54	-----	13	-----	13	7.2	-----
TOTAL	992	607	1,340	1,402	1,752	2,042	1,668	755	892	720	381.8	341.9
MEAN	32.0	20.2	43.2	45.2	62.6	65.9	55.6	24.4	29.7	23.2	12.3	11.4
MAX	334	161	208	285	288	149	327	151	90	94	45	47
MIN	10	12	16	23	28	36	27	13	11	13	7.2	6.7
CFSM	1.78	1.12	2.40	2.51	3.48	3.66	3.09	1.35	1.65	1.29	.68	.63
IN.	2.05	1.25	2.77	2.90	3.62	4.22	3.45	1.56	1.84	1.49	.79	.71
CAL YR 1964: TOTAL	19,964.2			MEAN 46.4		MAX 1,160	MIN 4.3	CFSM 2.58	IN 35.05			
WAT YR 1965: TOTAL	12,993.7			MEAN 35.3		MAX 354	MIN 6.7	CFSM 1.96	IN 22.64			

2-4120 Tallapoosa River near Heflin, Ala

Location --Lat 33°37', long 85°31', in NE 1/4 sec 19, T 16 S, R 11 E, on right bank on downstream side of pier of county road bridge, 2 1/2 miles upstream from Cane Creek and 4 miles southeast of Heflin.

Drainage area --444 sq mi

Records available --July 1952 to September 1965

Gage --Digital water-stage recorder Altitude of gage is 830 ft (by barometer) Prior to May 13, 1964, graphic water-stage recorder at same site and datum

Average discharge --13 years, 614 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (4,000 cfs revised), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	1800	* 19,300	26 39	Mar 7, 1963	0300	4,180	13 38	Mar 27, 1964	1500	6,500	17 26
Apr 13, 1961	1200	4,500	14 09	Mar 14, 1963	1500	8,020	20 30	Apr 8, 1964	1000	7,830	19 18
				Apr 30, 1963	0900	* 11,400	22 95	Apr 14, 1964	0230	4,220	13 43
Dec 14, 1961	0800	6,800	18 63								
Dec 19, 1961	1800	6,230	17 66	Jan 26, 1964	1800	7,900	19 28	Apr 6, 1965	1515	* 4,320	13 36
Feb 24, 1962	0700	* 9,100	21 34	Mar 3, 1964	2100	4,460	13 90				
Apr 13, 1962	1200	4,610	14 35	Mar 16, 1964	2300	* 8,690	20 29				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	a 88	2 53	1964	Oct 23, 1963	a 129	2 62
1962	Sept 4, 5, 1962	62	2 06	1965	Sept 28, 1965	a 113	2 63
1963	Oct 1, 1962	75	2 19				

a Minimum daily discharge

1952-65 Maximum discharge, 19,300 cfs Feb 22, 1961 (gage height, 26 39 ft) from rating curve extended above 10,000 cfs on basis of contracted-opening measurement of peak flow, minimum daily, 13 cfs Oct 9, 10, 13, 14, 20-22, 1954

Remarks --Records good except those for period of shifting-control, which are fair

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	252	186	200	377	276	1,370	3,010	958	419	517	196	716
2	200	190	192	445	274	1,150	2,080	1,090	410	437	182	475
3	172	180	184	414	292	992	1,350	1,000	389	404	176	404
4	156	176	184	343	310	913	1,290	842	374	425	168	310
5	147	170	182	299	297	855	1,140	804	428	416	160	230
6	604	164	184	278	284	893	996	727	395	368	251	288
7	811	164	183	264	394	2,680	902	696	404	332	640	318
8	809	165	184	256	685	3,380	836	671	386	326	290	240
9	1,550	161	183	245	650	3,060	1,010	937	374	308	238	198
10	874	182	184	236	520	1,720	1,320	934	374	288	278	172
11	559	216	264	229	430	1,230	1,140	1,070	362	282	240	166
12	365	206	426	225	384	1,060	2,850	1,240	570	361	204	158
13	282	192	343	223	356	1,080	4,160	1,090	514	622	178	151
14	239	186	286	245	338	1,280	2,210	881	604	881	166	151
15	205	180	254	262	322	1,130	1,340	762	800	758	156	170
16	210	176	247	270	312	982	1,340	692	738	650	155	160
17	198	177	234	268	303	890	1,240	632	724	520	155	147
18	190	176	220	258	510	1,030	1,040	594	587	552	136	137
19	180	172	213	276	1,960	1,220	926	674	468	506	129	134
20	211	170	208	365	4,040	1,150	853	632	450	422	122	132
21	280	165	303	365	8,920	1,010	808	573	755	386	111	132
22	254	164	384	329	17,500	959	769	580	1,660	338	114	136
23	216	197	334	290	16,700	899	744	1,140	752	308	312	140
24	197	239	288	280	10,900	820	720	905	797	320	650	116
25	184	220	262	268	8,580	762	699	695	786	312	318	100
26	177	211	249	282	8,660	724	783	632	909	288	295	103
27	177	205	241	314	7,830	702	2,110	612	1,430	255	268	101
28	170	197	234	307	3,220	713	3,370	552	1,010	240	262	97
29	174	200	227	292	-----	702	1,790	510	716	228	200	93
30	164	210	238	284	-----	720	1,110	478	587	212	176	88
31	168	-----	258	278	-----	2,230	-----	444	-----	202	417	-----
TOTAL	10,375	5,597	7,575	9,067	95,247	38,306	43,936	24,407	19,172	12,464	7,343	5,961
MEAN	335	187	244	292	3,402	1,236	1,465	776	639	402	237	199
MAX	1,550	239	426	445	17,500	3,380	4,160	1,240	1,660	881	650	716
MIN	147	161	182	223	274	702	699	444	362	202	111	88
CFSM	.75	.42	.55	.66	7.66	2.78	3.30	1.75	1.44	.91	.53	.45
IN.	.87	.47	.63	.76	7.98	3.21	3.68	2.01	1.61	1.04	.62	.50

CAL YR 1960: TOTAL 174,034
 MAY YR 1961: TOTAL 279,090

MEAN 476
 MEAN 765

MAX 4,820
 MAX 17,500

MIN 60
 MIN 88

CFSM 1.07
 IN 14.38

Note --Shifting-control method used Oct 1 to Feb 19

2-4120 Tallapoosa River near Heflin, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	85	97	151	642	916	1,110	1,470	748	316	248	290	75
2	85	88	146	688	828	1,010	1,150	684	270	213	200	73
3	124	97	142	749	762	950	933	625	265	225	180	72
4	202	118	142	580	723	926	832	594	310	732	175	64
5	155	126	149	543	698	880	793	576	614	1,880	170	64
6	129	126	196	1,010	678	842	1,020	546	471	1,180	155	65
7	117	118	290	1,260	639	796	1,530	519	396	2,750	140	64
8	112	114	265	964	618	762	1,340	501	732	1,550	200	66
9	110	110	230	765	642	807	1,100	483	497	748	223	66
10	105	108	1,560	684	632	1,110	916	483	360	474	154	76
11	108	108	1,910	611	594	2,030	1,340	483	360	368	146	76
12	92	111	4,350	555	562	2,110	3,910	453	417	313	134	85
13	92	111	6,070	525	552	1,570	4,480	423	880	296	125	77
14	92	118	6,650	543	543	1,220	2,570	393	583	286	128	75
15	89	132	3,320	650	531	1,040	1,430	382	385	252	132	94
16	83	158	1,290	793	636	950	1,180	365	318	304	126	97
17	84	174	1,870	720	765	877	1,050	360	272	474	129	111
18	93	162	5,230	622	667	832	972	354	237	263	118	108
19	84	142	6,110	1,620	933	800	926	333	225	227	108	98
20	87	136	4,800	1,750	894	790	866	313	244	207	95	87
21	83	131	1,220	1,240	902	960	828	306	276	187	95	85
22	94	126	933	968	4,230	1,110	790	308	250	174	125	74
23	84	256	832	1,110	7,230	919	762	291	225	169	125	70
24	83	524	776	1,510	8,700	821	754	291	203	159	111	75
25	87	398	706	1,210	8,610	832	796	263	209	194	104	72
26	87	268	646	1,020	1,930	1,210	905	265	211	211	98	94
27	84	210	604	1,200	1,410	1,190	832	223	229	194	87	94
28	80	182	758	1,710	1,240	1,020	772	246	331	220	86	89
29	82	162	800	1,940	874	986	986	234	359	300	85	78
30	84	153	578	1,300	800	838	838	417	333	420	80	76
31	88	-----	597	1,070	-----	992	-----	354	-----	300	75	-----
TOTAL	3,066	4,864	53,421	30,642	46,065	32,140	38,071	12,816	10,978	15,518	4,199	2,400
MEAN	98.9	162	1,723	968	1,445	1,037	1,269	413	366	501	135	80.0
MAX	202	524	6,650	1,940	8,700	2,110	4,480	748	880	2,750	290	111
MIN	80	88	142	525	531	762	754	223	203	159	74	64
CFSM	.22	.37	3.88	2.23	3.71	2.34	2.86	.93	.82	1.13	.31	.18
IN.	.26	.41	4.47	2.57	3.86	2.69	3.19	1.07	.92	1.30	.35	.20

CAL YR 1961: TOTAL 316,894

MEAN 868

MAX 17,500

MIN 80

CFSM 1.96

IN 26.54

WAT YR 1962: TOTAL 254,180

MEAN 696

MAX 8,700

MIN 64

CFSM 1.37

IN 21.29

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	84	111	320	560	700	566	681	6,850	399	1,280	528	205
2	102	103	293	470	1,000	894	653	4,100	354	944	477	187
3	780	104	272	400	2,100	800	639	1,240	331	1,180	405	178
4	1,000	103	256	370	1,700	653	614	996	310	1,050	368	183
5	418	106	256	350	1,300	721	590	863	298	730	336	200
6	223	103	274	330	1,100	3,130	583	796	281	562	310	284
7	157	102	279	310	900	2,950	678	726	270	755	291	231
8	146	124	272	300	700	1,420	650	656	259	1,090	270	171
9	136	625	254	300	600	975	594	611	254	664	265	179
10	134	772	237	300	560	838	572	562	263	546	246	167
11	120	471	231	400	640	751	543	543	235	468	231	160
12	116	362	227	1,300	700	2,190	516	510	225	417	225	154
13	108	468	200	960	600	6,380	504	492	229	399	219	169
14	108	376	210	700	560	7,780	483	562	209	385	310	205
15	106	281	220	555	500	7,220	462	625	194	385	303	187
16	104	233	227	483	460	2,250	456	562	268	438	248	187
17	107	209	221	435	450	1,280	453	501	555	501	227	181
18	108	285	215	583	700	1,670	447	555	653	786	390	171
19	106	477	211	898	980	1,320	432	492	471	706	483	166
20	95	426	207	2,360	1,070	1,300	583	462	588	501	388	169
21	93	1,160	329	2,160	849	1,150	751	477	1,510	618	611	164
22	100	2,530	564	1,320	964	1,320	650	450	3,130	564	160	160
23	102	1,540	470	933	572	846	522	405	3,230	447	318	152
24	104	776	410	800	552	796	456	376	1,630	438	263	146
25	99	492	700	660	549	762	447	368	982	1,630	237	140
26	99	393	1,600	600	522	1,120	480	435	824	1,660	223	152
27	87	346	1,000	540	492	1,300	456	681	1,450	786	227	149
28	95	318	620	520	465	1,020	730	656	1,150	684	286	413
29	106	320	740	500	-----	852	4,270	656	978	684	239	1,250
30	94	341	940	600	-----	758	9,200	552	1,280	737	250	860
31	104	-----	700	860	-----	720	-----	462	-----	583	223	-----
TOTAL	5,341	14,057	12,940	21,857	21,981	55,376	29,095	28,222	22,780	22,620	9,793	7,320
MEAN	172	469	417	705	785	1,786	970	910	759	730	316	244
MAX	1,000	2,530	1,600	2,360	2,100	7,780	9,200	6,850	3,230	1,660	611	1,250
MIN	84	102	200	300	450	566	432	368	194	365	219	140
CFSM	.39	1.06	.94	1.59	1.77	4.02	2.18	2.05	1.71	1.64	.71	.55
IN.	.45	1.18	1.08	1.83	1.84	4.64	2.44	2.36	1.91	1.89	.82	.61

CAL YR 1962: TOTAL 225,167

MEAN 617

MAX 8,700

MIN 64

CFSM 1.39

IN 18.86

WAT YR 1963: TOTAL 251,382

MEAN 689

MAX 9,200

MIN 84

CFSM 1.55

IN 21.06

MOBILE RIVER BASIN

2-4120 Tallapoosa River near Heflin, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	429	143	670	483	1,130	782	1,150	1,260	560	285	700	173
2	331	159	414	525	989	1,760	1,100	1,390	560	571	500	167
3	246	166	379	552	832	4,080	1,080	3,250	580	1,150	400	159
4	217	154	357	737	754	3,020	1,080	2,860	520	1,090	320	153
5	198	154	313	898	748	2,600	1,040	1,790	500	684	340	150
6	179	155	270	860	961	1,930	4,430	1,310	540	527	556	14
7	169	162	246	972	1,010	1,430	6,630	1,150	560	392	386	144
8	160	157	252	902	860	1,590	7,740	1,270	500	337	289	139
9	169	151	284	1,980	758	1,370	6,070	1,010	460	407	254	136
10	176	144	267	2,650	706	1,340	1,830	989	430	641	332	132
11	167	152	1,050	1,400	712	1,210	1,510	954	410	715	590	131
12	159	147	2,830	968	681	1,060	1,430	1,030	390	1,300	483	263
13	149	144	1,830	835	975	1,480	1,380	380	1,000	344	283	131
14	146	141	1,890	737	902	1,440	3,820	1,180	370	1,240	276	208
15	141	141	1,590	625	888	5,850	2,190	938	380	772	244	186
16	138	140	1,040	569	1,060	8,150	1,680	854	360	580	256	168
17	136	143	737	582	790	1,990	1,450	798	346	500	326	159
18	134	143	614	546	1,600	3,050	1,340	746	320	440	344	152
19	132	149	534	522	1,830	1,420	1,270	708	310	400	276	152
20	132	152	486	594	1,300	1,340	1,200	706	290	460	239	154
21	132	151	447	670	1,020	1,340	1,140	672	280	720	220	156
22	130	149	417	583	898	1,260	1,090	640	300	580	231	157
23	129	171	453	516	814	1,130	1,070	622	374	620	270	154
24	130	190	484	1,340	762	1,040	1,070	651	304	520	278	150
25	134	179	459	7,000	866	1,710	1,190	652	401	520	261	145
26	134	167	417	7,710	1,140	5,040	1,620	601	439	430	223	140
27	134	185	402	6,450	1,010	6,370	2,220	560	561	370	204	136
28	134	221	388	1,400	908	4,380	2,160	538	488	330	195	137
29	138	898	368	1,010	849	1,610	2,170	529	414	400	182	164
30	134	1,060	346	870	-----	1,340	1,610	542	340	340	176	1,150
31	132	-----	349	866	-----	1,220	-----	546	-----	450	171	-----
TOTAL	5,169	6,368	20,583	46,328	27,654	78,827	66,860	32,118	12,661	18,771	9,866	6,045
MEAN	167	212	664	1,494	954	2,543	2,229	1,036	422	606	318	202
MAX	429	1,060	2,830	7,710	1,830	8,150	7,740	3,250	580	1,300	700	1,390
MIN	129	140	246	483	681	782	1,040	529	280	285	171	131
CFSM	38	48	150	337	215	573	502	233	95	136	72	45
IN.	.43	.53	1.72	3.88	2.32	6.60	5.60	2.69	1.06	1.57	.83	.51

CAL YR 1963: TOTAL 251,164
WAT YR 1964: TOTAL 331,250MEAN 688
MEAN 905MAX 9,200
MAX 8,150MIN 129
MIN 129CFSM 1.55
CFSM 2.04IN 21.04
IN 27.75

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,640	313	401	700	710	1,030	1,290	782	359	802	313	157
2	727	309	371	666	836	1,400	1,210	751	342	427	290	181
3	407	303	363	792	841	1,630	1,180	728	332	361	262	132
4	416	300	1,090	748	727	1,940	1,770	740	546	374	237	146
5	1,300	293	1,230	657	674	1,970	2,810	678	813	435	227	287
6	1,370	289	893	613	731	1,560	3,970	658	601	560	220	216
7	730	287	628	592	2,310	1,310	2,300	641	576	596	215	180
8	459	287	527	2,350	1,210	1,600	1,610	1,310	1,150	530	272	156
9	367	281	480	562	1,580	1,130	1,470	592	993	688	211	153
10	324	278	447	1,140	1,110	1,060	1,320	573	837	631	219	146
11	292	275	440	1,140	1,030	998	1,230	557	1,570	464	491	148
12	274	274	788	925	2,320	1,630	1,200	578	1,150	530	272	156
13	259	271	950	756	2,820	2,130	1,450	500	947	403	227	145
14	255	271	738	679	1,820	1,540	1,230	522	737	363	205	162
15	652	268	588	640	1,340	1,280	1,110	492	686	420	207	151
16	2,600	267	519	710	1,140	1,160	1,120	470	650	573	335	162
17	2,770	265	487	689	1,230	1,200	1,070	459	604	473	301	137
18	1,500	267	533	618	1,580	1,430	972	453	546	350	251	134
19	729	271	550	588	1,370	1,270	954	448	466	315	210	133
20	568	323	631	574	1,160	1,120	1,060	440	418	340	198	135
21	528	326	801	565	1,050	1,030	1,010	467	381	301	189	128
22	480	296	732	951	985	976	930	756	354	409	171	122
23	444	269	629	1,370	929	1,110	886	1,580	339	257	240	123
24	409	288	594	2,670	1,040	2,690	856	1,130	328	326	208	130
25	386	1,290	1,920	2,100	1,980	2,730	832	804	352	969	213	129
26	368	1,290	2,540	1,220	1,600	2,570	825	670	1,010	541	207	133
27	354	809	2,760	954	1,220	2,940	1,000	521	596	398	247	128
28	344	562	1,620	822	1,080	2,120	1,090	500	497	358	204	117
29	338	506	1,070	757	-----	1,590	959	461	465	1,000	189	113
30	333	453	866	734	-----	1,630	839	420	412	644	173	124
31	325	-----	765	749	-----	1,440	-----	385	-----	401	163	-----
TOTAL	21,948	11,781	26,861	26,863	37,563	48,824	39,613	19,385	19,297	15,144	7,326	4,785
MEAN	708	393	866	867	1,192	1,575	1,260	625	643	489	236	160
MAX	2,770	1,290	2,760	2,670	2,820	2,940	3,970	1,580	1,570	1,000	491	361
MIN	255	265	363	551	674	976	825	385	328	257	163	113
CFSM	1.59	.88	1.95	1.95	3.02	3.55	2.97	1.41	1.45	1.10	.93	.36
IN.	1.84	.99	2.25	2.25	3.15	4.09	3.32	1.62	1.62	1.27	.61	.40

CAL YR 1964: TOTAL 359,720
WAT YR 1965: TOTAL 279,390MEAN 983
MEAN 765MAX 8,150
MAX 3,970MIN 131
MIN 113CFSM 2.21
CFSM 1.72IN 30.13
IN 23.40

2-4134 Wedowee Creek above Wedowee, Ala

Location (revised) --Lat 33°19', long 85°21', in SE $\frac{1}{4}$ sec 36, T 19 S, R 12 E, at right upstream abutment of bridge on Randolph County Highway 56, 8 miles east of Wedowee

Drainage area --6.5 sq mi (revised), approximately

Records available --May 1959 to September 1965

Gage --Water-stage recorder Altitude of gage is 1,050 ft (from topographic map)

Average discharge --6 years, 12.9 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (450 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	2100	500	4 10	Apr 12, 1962	0500	650	4 70	Mar 15, 1964	0730	1,080	6 30
Feb 25, 1961	0200	842	5 47					Apr 6, 1964	0900	682	4 83
Mar 31, 1961	0600	* 1,080	6 30	Mar 5, 1963	2200	* 858	5 53	July 15, 1964	2350	600	4 50
				Mar 12, 1963	2000	708	4 35				
Dec 12, 1961	1320	482	4 03					Dec 25, 1964	0130	* 658	4 65
Dec 18, 1961	0300	* 1,220	6 71	Jan 25, 1964	0030	* 1,210	6 67	Jan 23, 1965	1200	622	4 59
Feb 22, 1962	0900	650	4 70	Mar 2, 1964	1400	488	4 05				

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 27-30, 1961	2 3	0 63	1964	Oct 29, 1963	2 2	-
1962	Sept 7, 1962	1 3	-	1965	Sept 27, 1965	3 0	0 60
1963	Nov 1, 1962	1 7	-				

1959-65 Maximum discharge, 1,220 cfs Dec 18, 1961 (gage height, 6.71 ft), from rating curve extended above 407 cfs on basis of contracted-opening measurement of peak flow, minimum, 1.3 cfs Sept 7, 1962

Revision --Figure of maximum discharge for the water year 1960 has been revised to 870 cfs Apr 3, 1960 (gage height, 5.58 ft), superseding figure published in WSP 1704 and 1724

Remarks --Records good except those for period of no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.2	3.0	3.8	8.0	3.7	16	39	20	8.0	7.3	4.0	7.4
2	3.5	2.8	3.6	5.3	3.7	14	26	18	8.0	6.7	4.2	5.9
3	3.2	2.6	3.5	4.5	4.5	13	27	15	8.0	6.4	19	5.3
4	3.0	2.6	3.4	4.2	4.2	13	23	14	7.6	6.2	6.0	4.8
5	3.9	2.8	3.4	4.0	3.7	12	20	14	8.0	5.3	4.8	8.8
6	9.6	3.0	3.3	3.7	3.7	15	18	13	11	5.1	10	5.6
7	6.4	3.0	3.3	3.7	11	82	17	13	8.9	5.6	10	5.6
8	5.1	3.2	3.2	3.5	8.0	41	16	12	8.0	5.6	24	4.8
9	4.2	3.2	3.2	3.2	7.6	22	38	14	8.0	5.1	10	4.5
10	3.7	3.2	6.6	3.2	6.7	17	21	13	8.0	4.8	7.3	4.2
11	3.5	3.2	5.6	3.2	4.8	15	18	25	8.0	5.9	6.2	4.2
12	3.2	3.2	4.5	3.2	4.5	14	102	16	7.6	7.6	5.6	4.2
13	3.2	3.2	3.5	3.5	4.2	26	28	14	7.6	18	5.3	4.0
14	3.0	3.2	3.5	5.1	4.2	17	22	13	7.0	8.6	5.1	5.6
15	3.2	3.2	7.6	4.2	4.0	14	62	12	12	6.7	4.8	4.8
16	3.2	3.2	6.4	3.7	3.8	13	28	11	17	6.2	4.8	4.2
17	3.0	3.5	5.6	3.5	3.7	12	22	11	19.2	5.6	4.5	3.5
18	2.8	3.5	5.2	3.5	66	35	19	11	8.3	5.3	4.2	3.5
19	3.0	3.5	4.8	7.0	169	19	18	11	7.6	5.1	4.0	3.7
20	5.3	3.5	4.7	6.2	75	16	17	10	22	13	4.0	3.7
21	3.7	3.5	4.5	4.5	74	16	16	10	17	6.9	4.0	3.5
22	3.5	3.5	4.2	4.0	33	14	15	10	10	6.4	3.7	3.5
23	3.2	5.1	4.0	4.0	106	14	15	25	8.3	6.4	4.0	3.0
24	3.2	4.2	4.0	3.7	217	12	14	12	7.6	5.9	4.8	3.0
25	3.0	4.0	4.0	3.7	274	12	14	11	7.6	5.1	4.8	2.8
26	2.6	3.8	4.0	5.3	35	11	55	11	15	4.8	4.8	2.8
27	2.8	3.6	4.0	5.1	23	11	62	10	12	4.5	4.5	2.6
28	2.8	3.5	3.7	4.5	20	15	23	10	8.9	4.8	4.2	2.4
29	2.8	4.5	3.7	4.2	-----	13	18	9.2	7.6	4.8	3.7	2.3
30	2.8	4.2	4.8	4.0	-----	14	17	6.9	7.7	4.2	4.4	2.4
31	3.5	-----	9.5	3.7	-----	311	-----	8.6	-----	4.0	31	-----
TOTAL	114.1	102.5	139.1	133.1	1,178.0	869	830	405.7	291.5	197.9	221.7	126.6
MEAN	3.68	3.42	4.49	4.29	42.1	28.0	27.7	13.1	9.72	6.38	7.15	4.22
MAX	9.6	5.1	9.5	8.0	274	311	102	25	22	18	31	8.8
MIN	2.6	2.6	3.2	3.2	3.7	11	14	8.6	7.0	4.0	3.7	2.3
CFSM	.57	.53	.69	.66	6.47	4.31	4.26	2.01	1.49	.98	1.10	.65
IN.	.65	.59	.80	.76	6.74	4.97	4.75	2.32	1.67	1.13	1.27	.72

CAL YR 1960: TOTAL 4,210.5

MEAN 11.5

MAX 217

MIN 2.1

CFSM 1.77

IN 24.09

WAT YR 1961: TOTAL 4,609.2

MEAN 12.6

MAX 311

MIN 2.3

CFSM 1.94

IN 26.37

MOBILE RIVER BASIN

2-4134 Wedowee Creek above Wedowee, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.4	2.3	4.0	12	15	17	21	15	8.6	4.7	2.8	1.6
2	2.3	2.3	3.7	10	15	16	17	14	7.9	4.3	2.7	1.6
3	3.2	2.8	3.7	9.7	14	16	16	13	7.9	4.3	2.7	1.6
4	2.8	3.5	3.7	9.3	13	15	15	12	10	10	2.7	1.7
5	2.6	3.0	5.3	13	13	15	17	12	21	8.5	2.5	1.9
6	2.3	2.8	6.2	30	12	14	34	11	8.3	6.7	2.3	1.7
7	2.3	2.8	5.3	17	11	14	24	11	7.3	7.0	2.2	1.7
8	2.3	2.6	4.8	13	11	13	20	11	7.0	5.2	5.0	2.3
9	2.1	2.6	5.4	12	12	18	17	11	7.6	4.7	3.0	2.2
10	2.0	2.6	177	11	12	25	15	10	8.0	4.3	2.5	2.3
11	1.9	2.6	61	11	11	52	90	10	8.3	4.0	2.5	3.2
12	1.9	2.6	245	11	11	39	186	9.3	7.9	3.8	2.3	2.8
13	1.9	2.8	44	10	11	23	37	8.9	11	3.5	2.5	2.5
14	1.9	2.6	44	11	11	29	34	7.9	9.3	3.3	2.2	1.7
15	1.9	3.5	37	17	11	19	24	8.3	6.7	3.3	4.3	4.3
16	1.7	5.5	22	13	13	17	22	8.3	6.0	3.8	3.3	3.3
17	1.7	2.6	40	11	11	15	21	8.3	5.7	3.5	3.1	5.5
18	1.7	2.1	286	14	11	15	20	7.9	5.2	3.1	2.7	3.3
19	1.7	2.1	30	7.7	12	15	19	7.9	5.2	3.0	2.5	2.8
20	1.9	2.0	20	28	11	15	17	7.6	8.2	2.8	3.1	2.7
21	1.9	1.9	16	21	21	42	17	8.2	6.3	2.8	3.1	2.5
22	2.0	1.9	14	19	160	19	16	10	5.2	2.7	3.1	2.5
23	2.1	27	15	30	40	17	16	8.3	5.0	2.5	2.8	2.7
24	2.1	8.0	12	22	52	16	15	7.9	5.0	2.7	2.7	2.5
25	2.1	5.3	11	20	27	24	24	7.6	5.0	6.1	2.5	2.5
26	2.0	4.8	11	19	23	20	20	7.0	4.5	4.5	2.3	23
27	1.9	4.5	18	31	20	17	19	6.7	12	3.5	2.3	5.5
28	1.9	4.2	12	25	18	16	20	6.3	7.0	4.0	2.0	3.8
29	2.1	4.0	10	20	-----	15	22	6.3	5.7	4.0	1.7	3.8
30	2.3	4.0	9.7	18	-----	16	17	9.1	5.0	3.5	1.6	3.1
31	2.6	-----	11	16	-----	31	-----	7.6	-----	3.3	1.6	-----
TOTAL	65.3	121.3	1,183.8	582.0	602	626	846	290.1	226.4	133.4	89.6	115.0
MEAN	2.11	4.04	38.2	18.8	21.5	20.2	28.2	9.36	7.55	4.30	2.89	3.83
MAX	3.2	27	286	77	160	52	186	15	21	10	9.2	23
MIN	1.7	1.9	3.7	9.3	13	15	15	6.3	4.5	2.5	1.6	1.6
CSF	.32	.62	5.87	2.89	3.31	3.11	4.34	1.44	1.16	.66	.44	.59
IN.	.37	.69	6.77	3.33	3.44	3.58	4.84	1.66	1.30	.76	.51	.66

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3-3	1-9	5-0	7-0	11	12	12	15	6-3	9-0	5-0	3-0
2	4-5	2-0	4-5	6-3	13	11	12	11	5-7	7-6	4-7	2-8
3	8-4	2-0	4-5	6-0	30	9-3	12	9-7	5-7	6-7	4-3	2-8
4	5-0	2-2	4-5	6-0	16	9-3	11	8-6	5-5	5-5	3-8	3-0
5	3-5	1-9	5-5	5-5	13	136	11	7-9	5-2	5-2	3-8	3-1
6	3-1	1-9	5-2	5-5	12	112	11	7-6	5-0	5-0	3-8	3-1
7	3-0	2-2	4-5	5-2	11	24	12	7-3	5-0	13	3-5	3-0
8	3-0	8-0	4-7	5-2	10	17	11	7-0	5-0	10	3-5	3-1
9	3-0	16	4-3	5-0	9-3	15	11	6-7	4-5	6-3	3-1	2-8
10	2-8	5-8	4-3	5-0	8-9	13	10	6-3	4-5	5-2	3-0	2-8
11	2-7	4-0	4-3	33	12	12	9-7	6-0	4-3	5-0	3-0	2-8
12	2-7	9-5	4-3	20	12	183	9-3	6-0	4-0	4-7	3-0	2-8
13	2-7	6-0	4-3	11	10	6-9	6-7	6-7	4-0	4-7	2-7	3-0
14	2-5	4-5	4-3	7-9	9-3	27	8-6	15	3-8	5-0	5-4	3-0
15	2-5	3-8	4-3	7-6	8-6	21	8-9	7-9	3-8	5-0	3-8	3-5
16	2-7	3-5	4-5	7-0	8-3	19	8-6	6-7	4-5	5-5	3-5	3-3
17	2-5	3-5	4-5	6-7	8-3	21	8-6	6-3	6-3	5-7	3-5	3-3
18	2-3	5-4	4-3	4-5	8-8	17	8-6	7-0	11	3-3	3-3	3-0
19	2-2	4-5	4-3	3-7	27	15	8-3	5-7	9-2	8-7	3-1	3-0
20	2-2	7-6	4-3	5-0	14	17	11	5-7	11	10	29	2-7
21	2-7	129	4-3	26	12	13	9-7	5-7	7-0	10	7-2	2-5
22	2-8	21	8-2	17	10	12	8-9	5-5	28	5-7	5-0	2-5
23	2-2	11	5-7	14	9-7	12	8-3	5-2	13	7-6	4-5	2-5
24	2-0	7-9	5-5	11	11	11	7-6	5-0	9-7	22	3-8	2-3
25	2-2	7-0	16	10	9-7	11	11	5-0	7-9	11	3-5	2-5
26	2-2	6-3	11	10	9-3	33	9-2	16	11	7-9	3-3	2-5
27	2-2	5-7	8-3	11	8-6	18	8-6	16	15	7-0	3-5	3-0
28	2-3	5-7	7-0	8-6	8-6	16	10	16	13	6-0	3-5	27
29	2-0	6-3	13	8-3	-----	14	21	8-9	9-7	5-7	3-5	7-3
30	2-0	5-5	9-3	15	-----	13	73	7-6	11	5-7	3-5	4-7
31	2-0	-----	7-6	14	-----	13	-----	6-7	-----	5-2	3-1	-----
TOTAL MEAN	89-2 2-88	301-6 10-1	186-3 6-01	426-8 13-8	331-4 11-8	922-6 29-8	370-8 12-4	256-7 8-28	235-8 7-86	232-4 7-50	147-3 4-75	116-4 3-88
MIN	8-6	1-9	4-3	5-0	8-3	183	7-3	16	4-0	4-2	3-0	2-3
CFSM	-4-0	1-55	.92	2-12	1-82	4-58	1-90	1-27	1-21	1-15	.73	6-0
IN.	.51	1-73	1-07	2-44	1-90	5-28	2-12	1-47	1-35	1-33	.84	.67

2-4134 Wetowee Creek above Wetowee, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.0	3.1	5.2	8.6	14	12	18	19	29	5.3	6.2	4.2
2	3.5	3.1	5.5	7.9	12	103	17	53	14	5.9	5.6	4.0
3	3.5	2.8	7.0	11	11	34	17	62	11	5.6	5.3	4.0
4	3.3	2.7	5.0	12	11	58	17	25	9.8	6.2	6.2	4.0
5	3.3	4.1	4.5	9.7	18	45	16	22	9.4	5.9	6.2	3.8
6	3.3	3.8	4.3	11	18	25	259	20	11	4.8	5.6	3.8
7	3.1	3.0	4.0	13	14	21	66	18	10	4.6	5.0	3.6
8	3.1	2.7	5.3	13	13	20	44	18	9.8	6.2	4.8	3.6
9	3.1	2.7	4.5	4.7	12	19	31	18	9.4	5.3	4.8	3.4
10	3.1	2.7	4.0	19	12	20	26	17	8.4	5.0	4.6	3.4
11	3.1	2.3	12	13	12	17	24	16	8.0	5.0	32	4.6
12	3.1	2.3	24	12	11	16	43	16	8.0	12	15	15
13	3.0	2.5	20	10	14	15	85	16	8.0	8.0	9.8	5.9
14	2.8	2.5	29	8.6	15	44	41	14.3	7.4	6.0	7.1	4.8
15	2.8	2.7	14	8.3	15	325	30	14	7.1	38	6.5	4.4
16	2.8	2.7	9.3	8.3	15	39	26	13	6.8	39	7.4	4.2
17	2.8	2.7	8.3	10	13	27	24	13	6.8	8.7	6.8	4.0
18	2.8	2.7	7.3	4.3	13	23	12	6.5	6.5	8.0	5.9	4.0
19	2.8	2.8	6.7	8.6	20	22	22	18	6.2	7.1	5.3	4.4
20	2.8	2.7	6.0	9.7	16	22	21	15	6.5	28	4.8	4.4
21	2.5	2.7	5.7	8.3	14	22	20	12	7.1	29	9.0	4.2
22	2.5	2.7	5.7	7.9	13	18	20	12	6.5	9.8	8.5	4.2
23	2.5	5.1	7.6	7.9	12	18	12	6.2	8.0	8.0	8.0	4.0
24	2.7	3.5	6.3	135	12	18	18	12	7.6	12	11	3.8
25	2.8	3.0	5.7	212	22	49	18	11	9.0	9.6	6.5	3.6
26	2.7	3.7	5.7	28	18	42	23	10	8.0	7.4	5.9	3.6
27	2.7	4.5	5.5	20	15	25	67	9.8	6.5	6.5	5.7	3.8
28	2.3	17	5.2	16	16	22	28	9.8	5.9	6.2	4.8	4.0
29	2.3	31	5.2	14	14	20	24	10	5.3	5.9	4.8	13
30	2.3	7.3	5.2	13	-----	18	20	10	5.0	6.5	4.6	24
31	2.3	-----	7.2	15	-----	18	-----	10	-----	6.5	4.4	-----
TOTAL	89.7	137.1	250.9	727.1	445	1,177	1,106	537.6	260.2	322.0	228.5	161.7
MEAN	2.89	4.57	8.09	23.5	15.3	38.0	36.9	17.3	8.67	10.4	7.37	5.39
MAX	4.0	31	29	212	43	325	259	62	29	39	32	24
MIN	2.3	2.3	4.0	7.9	11	12	16	9.8	5.0	4.6	4.4	3.4
CFSM	.45	.70	1.25	3.61	2.36	5.84	5.67	2.67	1.33	1.60	1.13	.83
IN.	.51	.78	1.44	4.16	2.55	6.73	6.33	3.08	1.49	1.84	1.31	.93

CAL YR 1963: TOTAL 3,517.9 MEAN 9.64 MAX 183 MIN 2.3 CFSM 1.48 IN 20.13
 MAY YR 1964: TOTAL 5,442.8 MEAN 14.9 MAX 325 MIN 2.3 CFSM 2.29 IN 31.14

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8.6	5.3	7.1	13	15	20	20	11	5.6	7.4	4.7	3.5
2	7.4	5.6	7.1	12	17	31	18	10	5.3	5.6	4.5	15
3	6.5	5.6	7.1	12	25	13	18	10	5.3	5.3	4.3	8.8
4	10	5.3	116	11	13	35	25	10	6.6	5.3	4.2	5.9
5	29	5.3	20	10	12	23	34	10	8.0	60	4.1	5.0
6	10	5.3	14	10	70	20	23	9.8	6.5	47	3.9	4.6
7	7.7	4.0	12	10	56	19	21	9.4	16	26	3.9	4.2
8	6.8	4.8	10	10	25	18	20	9.4	9.8	16	9.0	4.0
9	6.2	4.8	9.4	10	21	18	18	9.4	7.4	9.8	5.2	4.0
10	5.6	4.8	8.7	16	18	17	18	10	12	11	4.5	4.0
11	5.0	4.8	9.0	12	18	16	17	10	16	12	4.4	4.2
12	5.0	4.8	12	11	51	28	18	9.8	9.8	8.0	5.2	4.4
13	4.8	4.8	9.8	10	28	20	16	8.7	8.0	7.4	4.0	4.0
14	5.0	4.8	8.7	10	22	18	15	8.0	9.2	8.7	3.8	3.8
15	34	4.8	8.0	11	20	18	16	7.7	11	8.0	3.7	3.6
16	21	5.0	8.0	14	19	17	18	7.4	20	7.1	3.7	3.8
17	12	5.0	7.7	11	36	38	15	7.4	9.8	6.2	7.2	3.6
18	8.7	5.0	8.0	10	28	27	14	7.4	8.0	5.9	4.0	4.0
19	7.7	5.7	7.4	10	22	20	18	7.1	6.8	5.9	4.4	4.2
20	7.1	12	14	10	20	20	15	7.1	6.2	5.6	23	3.8
21	6.5	6.5	10	9.8	18	18	14	7.1	5.9	5.3	15	3.6
22	6.2	5.6	9.8	9.8	17	17	13	7.7	5.6	5.0	9.0	3.4
23	5.9	5.6	9.0	188	16	22	13	7.4	5.3	5.0	6.0	3.6
24	5.6	21	100	40	25	22	12	11	6.8	5.3	4.5	3.8
25	6.8	56	134	23	22	20	12	9.1	6.2	6.9	3.7	3.4
26	5.3	13	113	20	18	88	12	7.5	5.9	5.9	3.5	3.2
27	5.3	9.8	34	17	17	35	16	8.4	5.6	4.5	3.6	3.2
28	5.3	10	20	15	16	25	13	7.4	5.3	12	4.3	3.2
29	5.3	8.7	16	15	-----	25	12	6.8	6.0	9.0	4.1	4.0
30	5.3	7.7	15	14	-----	23	11	6.2	9.3	9.0	3.9	3.8
31	5.0	-----	14	13	-----	20	-----	5.9	-----	5.3	3.6	-----
TOTAL	270.6	252.4	798.8	587.6	673	763	505	264.1	249.5	341.4	172.9	167.8
MEAN	8.73	8.41	25.8	19.0	24.0	24.8	16.8	8.52	8.32	11.0	5.58	5.59
MAX	34	56	154	188	70	88	34	11	60	60	23	38
MIN	4.8	4.8	7.1	9.8	12	16	11	5.9	5.3	4.5	3.5	3.2
CFSM	1.34	1.29	3.96	2.92	3.70	3.79	2.59	1.31	1.28	1.69	.86	.86
IN.	1.55	1.44	4.57	3.36	3.85	4.37	2.89	1.51	1.43	1.95	.99	.96

CAL YR 1964: TOTAL 6,286.9 MEAN 17.2 MAX 325 MIN 3.2 CFSM 2.13 IN 28.87
 MAY YR 1965: TOTAL 5,046.1 MEAN 13.8 MAX 188 MIN 2.3 CFSM 2.13 IN 28.87

Note --No gage-height record Aug 1 to Sept 2

MOBILE RIVER BASIN

2-4145 Tallapoosa River at Wadley, Ala

Location --Lat 33°07', long 85°34', in SW 1/4 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

Records available --September 1923 to September 1965

Gage --Wire-weight gage read twice daily Datum of gage is 599.87 ft above mean sea level, datum of 1929 Prior to June 17, 1959, staff gage read twice daily, a quarter of a mile upstream at datum 1.46 ft higher

Average discharge --42 years, 2,428 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum				Minimum		
	Date	Time	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 25, 1961	0600	45,500	25 35	Sept 30, 1961	377	2 91
1962	Dec 18, 1961	0800	34,300	21 00	Sept 4, 7-8, 1962	230	2 60
1963	May 3, 1963	0700	46,500	25 85	Sept 25, 1963	398	2 82
1964	Apr 7, 1964	0200	35,300	21 50	Sept 10, 1964	430	2 87
1965	Dec 27, 1964	0500	15,100	12 55	Sept 23, 1965	490	2 96

1923-65 Maximum discharge observed, 52,800 cfs Feb 5, 1936 (gage height, 27.9 ft, site and datum then in use), minimum daily discharge, 45 cfs Oct 2-4, 1954

Remarks --Records fair Some diurnal fluctuation during extreme low flow caused by milldams above station

Cooperation --Records collected by Alabama Power Co., under general supervision of Geological Survey, in connection with a Federal Power Commission project

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,230	608	742	1,270	1,000	8,340	14,100	3,650	1,690	1,900	820	2,560
2	1,000	624	703	1,480	955	5,040	8,230	3,510	1,580	1,690	820	2,110
3	829	624	703	1,480	1,040	4,100	6,360	3,230	1,580	1,580	781	2,000
4	719	592	703	1,270	1,180	3,510	5,850	2,820	1,480	1,580	781	1,270
5	632	552	656	1,140	1,140	3,230	4,880	2,560	1,480	1,480	820	1,140
6	1,030	536	648	1,040	1,040	2,950	3,950	2,440	1,690	1,380	703	1,040
7	3,090	528	648	955	1,270	6,990	3,510	2,320	2,220	1,270	2,400	1,090
8	3,230	544	640	910	2,320	10,400	3,230	2,320	1,800	1,480	2,220	1,140
9	2,950	544	624	865	2,220	9,450	3,610	2,560	1,800	1,380	1,480	1,000
10	2,440	560	624	820	1,900	6,870	4,880	2,950	1,580	1,220	1,220	820
11	1,900	624	742	820	1,580	4,720	4,250	2,950	1,900	1,180	1,090	742
12	1,480	664	1,090	781	1,480	3,950	9,150	3,650	1,880	1,710	1,000	742
13	1,220	703	1,140	781	1,270	3,650	10,400	3,650	2,690	2,340	865	820
14	1,000	656	1,040	910	1,180	4,560	8,740	3,090	2,220	4,290	781	742
15	910	640	955	1,000	1,140	3,950	7,890	2,690	2,220	2,560	781	742
16	820	640	910	1,000	1,090	3,370	6,360	2,440	2,440	2,220	703	781
17	742	640	865	955	1,040	3,090	5,200	2,220	2,440	2,110	703	742
18	656	632	820	910	1,900	4,100	4,400	2,110	2,220	2,000	640	703
19	592	624	781	910	8,500	4,880	3,800	2,110	1,900	2,000	616	703
20	865	624	781	1,140	18,700	4,250	3,510	2,110	1,900	2,000	560	664
21	1,000	616	820	1,220	20,500	3,800	3,090	2,000	3,230	1,800	528	624
22	865	616	1,090	1,180	27,200	3,510	2,950	2,000	5,040	1,690	514	608
23	820	664	1,180	1,090	27,500	3,230	2,820	3,510	3,650	1,480	796	560
24	742	781	1,000	1,000	27,100	2,950	2,690	3,950	2,320	1,480	3,080	442
25	664	865	955	1,000	40,800	2,690	2,690	3,230	2,220	1,380	1,690	494
26	608	820	910	1,090	33,900	2,560	3,230	2,820	3,510	1,220	1,180	474
27	576	781	865	1,220	22,500	2,440	4,990	2,440	4,560	1,140	1,270	448
28	560	742	820	1,220	16,300	2,560	6,870	2,110	3,800	1,040	1,040	435
29	560	742	781	1,180	-----	2,690	6,190	2,000	2,820	1,000	910	409
30	568	742	820	1,090	-----	2,690	4,250	1,900	2,220	1,000	910	383
31	576	-----	910	1,040	-----	16,800	-----	1,800	-----	910	1,140	-----
TOTAL	34,874	19,528	25,966	32,767	267,745	147,320	162,070	83,140	72,080	51,510	32,842	26,428
MEAN	1,125	651	838	1,057	9,562	4,752	5,402	2,682	2,403	1,662	1,059	881
MAX	3,230	865	1,180	1,480	40,800	16,800	14,100	3,950	5,040	4,290	3,080	2,560
MIN	560	528	624	781	955	2,440	2,690	1,800	1,480	910	514	383
CFSM	+68	-39	+50	-64	5.76	2.86	3.25	1.62	1.45	1.00	-.64	-.53
IN.	-.78	-.44	-.58	-.73	6.00	3.30	3.63	1.86	1.61	1.15	-.74	-.59

CAL YR 1960: TOTAL 704,059 MEAN 1,924 MAX 14,700 MIN 212 CFSM 1.16 IN 15.77
WAT YR 1961: TOTAL 956,270 MEAN 2,620 MAX 40,800 MIN 383 CFSM 1.58 IN 21.42

2-4145 Tallapoosa River at Wadley, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	370	383	664	2,320	3,950	4,100	4,880	3,090	1,580	1,180	1,000	292
2	377	396	640	2,320	3,370	3,650	4,400	2,820	1,480	955	830	260
3	442	409	640	2,220	2,950	3,370	3,800	2,560	1,480	870	750	250
4	742	461	624	2,110	2,820	3,230	3,230	2,440	2,000	1,140	710	235
5	656	528	632	2,110	2,690	3,090	2,950	2,320	2,110	3,090	670	352
6	608	521	781	3,650	2,560	2,950	3,650	2,220	2,110	3,340	610	280
7	514	514	955	5,040	2,440	2,820	5,850	2,220	1,580	5,520	567	230
8	481	500	1,040	3,950	2,320	2,690	5,200	2,110	1,380	5,200	640	245
9	455	474	1,000	3,090	2,440	2,820	4,400	2,000	1,690	3,230	830	260
10	442	461	10,000	2,690	2,320	3,230	3,800	2,000	1,580	2,000	710	265
11	422	461	8,600	2,440	2,320	6,760	3,860	2,000	1,580	1,480	655	328
12	403	474	21,200	2,320	2,220	9,270	21,000	1,900	1,690	1,180	581	436
13	390	468	22,800	2,220	2,220	6,360	19,200	1,900	1,900	1,040	838	581
14	364	485	15,200	2,110	2,110	5,040	11,500	1,800	2,320	955	1,580	454
15	352	528	16,600	2,320	2,110	4,250	7,210	1,690	1,690	1,000	1,320	424
16	334	703	9,040	2,690	2,220	3,650	5,520	1,690	1,380	1,270	955	512
17	322	781	7,210	2,690	2,320	3,230	4,400	1,580	1,180	1,140	625	1,170
18	322	781	28,800	2,440	2,440	3,090	3,950	1,580	1,040	1,270	560	830
19	334	742	23,500	8,140	2,440	2,950	3,650	1,480	1,180	910	539	546
20	334	624	15,400	8,400	2,690	2,820	3,510	1,480	1,270	750	499	448
21	316	576	11,500	5,680	2,950	3,510	3,230	1,380	1,800	710	870	376
22	316	544	5,600	4,400	11,700	3,950	3,090	1,580	1,180	678	1,580	334
23	322	865	3,950	4,560	21,800	3,370	2,950	1,380	1,040	647	955	328
24	334	1,690	3,230	5,520	20,000	2,950	2,950	1,380	955	602	750	292
25	334	1,690	2,820	4,880	16,900	2,950	2,950	1,270	910	790	560	260
26	322	1,380	2,560	4,250	13,100	3,800	3,650	1,220	910	1,000	499	901
27	316	1,090	2,320	5,070	6,540	3,950	3,370	1,180	1,000	1,090	436	1,040
28	322	955	2,440	6,530	5,040	3,510	3,090	1,090	1,580	1,090	400	870
29	346	781	2,560	6,190	-----	3,090	3,510	1,090	1,090	1,180	370	595
30	358	742	2,320	5,520	-----	2,950	3,800	1,180	1,380	1,270	334	466
31	364	-----	2,220	4,560	-----	3,230	-----	1,580	-----	1,180	316	-----
TOTAL	12,314	21,007	226,846	122,430	148,980	116,630	158,550	55,210	44,065	47,757	22,539	13,860
MEAN	397	700	7,318	3,949	5,321	3,762	5,285	1,781	1,469	1,541	727	462
MAX	742	1,690	28,800	8,400	21,800	9,270	21,000	3,090	2,320	5,520	1,580	1,170
MIN	316	383	624	2,110	2,110	2,690	2,950	1,090	910	602	316	230
CFSM	.24	.42	4.41	2.38	3.21	2.27	3.18	1.07	.88	.93	.44	.28
IN.	.28	.47	5.08	2.74	3.34	2.61	3.55	1.24	.99	1.07	.50	.31

CAL YR 1961: TOTAL 1,136,069

WAT YR 1962: TOTAL 990,188

MEAN 3,113

MAX 40,800

MIN 316

CFSM 1.88

IN 25.45

CFSM 1.63

IN 22.18

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,020	424	1,270	2,220	3,280	2,180	2,640	39,500	1,960	4,000	1,960	979
2	1,580	430	1,270	1,900	3,140	3,280	2,640	21,000	1,750	4,450	1,650	778
3	3,090	436	1,140	1,690	6,530	3,140	2,520	9,020	1,550	3,280	1,450	723
4	3,370	442	1,090	1,580	7,120	2,880	2,400	4,900	1,450	3,420	1,300	670
5	2,220	430	1,090	1,480	5,200	4,320	2,400	3,850	1,350	2,760	1,200	700
6	1,380	424	1,090	1,380	4,000	13,000	2,400	3,280	1,350	2,180	1,060	715
7	955	424	1,090	1,380	3,280	10,800	2,400	2,880	1,300	2,070	1,020	778
8	790	512	1,090	1,270	2,880	7,850	2,400	2,640	1,250	2,640	979	778
9	678	1,690	1,040	1,270	2,520	5,360	2,400	2,400	1,250	2,520	938	685
10	632	2,690	1,000	1,220	2,400	4,300	2,290	2,290	1,200	2,070	897	633
11	595	2,110	1,000	1,510	2,400	3,700	2,290	2,180	1,160	1,750	857	596
12	581	1,580	955	5,050	2,640	5,780	2,180	2,070	1,110	1,450	817	567
13	532	1,800	790	4,100	2,640	23,200	2,070	1,960	1,020	1,350	897	546
14	486	1,690	830	3,090	2,400	16,600	1,960	2,290	1,020	1,300	1,450	593
15	460	1,380	910	2,440	2,290	13,500	1,960	2,520	979	1,350	1,200	618
16	454	1,140	955	2,110	2,070	11,700	1,960	2,290	938	1,350	1,060	640
17	448	1,000	955	1,800	2,070	5,850	1,960	2,070	1,160	1,550	938	633
18	448	1,000	910	3,860	2,070	4,900	1,960	2,070	2,900	2,520	897	625
19	436	1,180	910	4,360	3,280	4,750	1,960	2,070	2,180	2,520	938	589
20	424	1,480	910	8,380	4,150	4,600	2,180	1,960	2,070	2,520	2,360	560
21	436	5,530	910	9,270	3,560	4,450	2,880	1,850	2,880	2,070	3,140	532
22	424	10,600	1,380	6,320	3,000	3,700	2,640	1,850	2,180	2,070	1,750	546
23	424	6,530	2,110	4,450	2,640	3,280	2,400	1,750	7,940	1,750	1,450	463
24	424	1,690	1,960	3,560	2,520	3,000	2,070	1,650	6,610	2,070	1,160	444
25	418	2,820	3,300	2,880	2,400	2,880	2,070	1,550	4,300	3,420	979	417
26	424	2,110	5,520	2,520	2,290	5,390	2,290	1,750	3,140	3,420	897	411
27	406	2,690	3,950	2,520	2,180	5,180	2,070	2,760	3,000	2,880	857	456
28	418	1,480	2,820	2,400	2,070	4,000	2,070	3,140	4,000	2,180	857	1,010
29	412	1,380	2,690	2,180	-----	3,420	7,810	2,640	3,700	2,180	897	2,290
30	424	1,270	2,820	2,400	-----	3,000	31,400	2,520	3,140	2,180	979	2,520
31	436	-----	2,690	3,280	-----	2,760	-----	2,290	-----	2,300	1,110	-----
TOTAL	25,225	59,772	50,175	93,870	87,020	192,940	102,670	136,990	72,567	73,780	38,264	22,413
MEAN	814	1,922	1,619	3,028	3,108	6,224	3,422	4,419	2,419	2,380	1,234	747
MAX	3,370	10,600	5,520	9,270	7,120	23,200	31,400	39,500	7,940	4,450	3,140	2,520
MIN	406	424	790	1,220	2,070	2,180	1,960	1,550	938	1,300	817	411
CFSM	.49	1.20	.98	1.82	1.87	3.75	2.36	2.66	1.46	1.43	.74	.45
IN.	.57	1.34	1.12	2.10	1.95	4.32	2.30	3.07	1.63	1.65	.86	.50

CAL YR 1962: TOTAL 865,193

WAT YR 1963: TOTAL 955,686

MEAN 2,370

MAX 21,800

MIN 406

CFSM 1.43

IN 19.38

CFSM 1.61

IN 21.41

2-4145 Tallapoosa River at Wadley, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,800	484	2,340	1,750	3,700	2,760	4,270	4,810	2,020	1,140	2,300	656
2	1,320	561	1,790	1,850	3,420	4,740	4,020	4,900	2,030	1,720	1,510	619
3	1,020	619	1,620	1,960	3,000	14,200	3,800	8,110	2,160	1,960	1,180	596
4	873	604	1,470	2,290	2,640	10,600	3,820	8,080	2,150	2,370	1,090	568
5	801	619	1,380	2,760	2,640	11,900	3,620	6,740	1,920	1,580	1,060	511
6	724	611	1,230	2,760	3,140	6,280	20,300	5,260	2,000	1,550	1,050	457
7	678	663	1,060	3,140	3,420	6,480	28,300	4,500	2,220	1,260	1,220	504
8	671	678	1,030	3,140	3,140	5,520	18,700	3,940	1,930	1,160	1,140	477
9	633	671	1,070	7,450	2,760	5,050	15,900	3,590	1,800	1,180	979	450
10	611	663	1,120	8,790	2,520	4,600	11,200	3,380	1,680	1,480	930	430
11	619	648	1,210	6,000	2,400	4,300	6,450	3,220	1,590	1,940	1,220	450
12	604	604	7,760	4,000	2,400	3,850	5,520	3,170	1,550	2,930	1,960	1,120
13	604	589	6,980	3,140	2,400	3,420	15,200	3,670	1,490	3,280	1,620	663
14	568	575	7,470	2,760	2,760	3,700	15,100	3,640	1,460	2,590	1,370	1,180
15	546	561	6,420	2,400	3,140	20,600	10,700	3,210	1,410	2,090	1,140	913
16	546	554	4,480	2,180	3,420	25,000	7,630	2,930	1,360	2,050	1,050	801
17	539	561	3,210	2,070	9,020	17,600	6,300	2,710	1,290	1,750	1,100	701
18	504	546	2,420	2,070	3,450	13,600	5,520	2,570	1,230	1,510	1,120	641
19	504	561	2,030	1,960	6,640	7,280	5,050	2,470	1,180	1,330	1,110	663
20	504	561	1,770	1,960	5,050	5,520	4,720	2,440	1,130	1,560	988	731
21	471	582	1,630	2,070	4,000	5,050	4,380	2,400	1,130	2,370	913	724
22	491	582	1,530	2,070	3,420	4,750	4,120	2,280	1,220	2,000	1,390	663
23	484	619	1,550	1,850	2,880	4,300	3,940	2,240	1,210	2,100	1,190	648
24	491	770	1,650	3,390	2,760	3,850	3,790	2,240	1,390	1,710	1,520	589
25	491	762	1,590	23,400	2,880	4,450	3,730	2,290	1,640	1,750	1,450	539
26	504	739	1,520	18,000	3,560	12,400	4,340	2,180	1,690	1,420	1,060	518
27	511	762	1,460	13,200	3,420	13,600	7,280	2,070	1,790	1,220	904	504
28	504	874	1,410	9,840	12,400	12,400	7,280	1,990	1,990	1,050	857	498
29	484	950	1,340	4,600	2,880	9,480	6,240	1,900	1,420	1,370	778	878
30	484	3,170	1,310	3,560	-----	5,200	5,840	1,920	1,230	1,160	739	2,980
31	491	-----	1,320	3,140	-----	4,750	-----	1,990	-----	1,220	693	-----
TOTAL	20,109	23,373	74,170	149,550	95,860	258,830	247,110	106,840	47,880	53,840	36,957	21,472
MEAN	649	779	2,377	4,824	3,092	8,349	7,971	3,446	1,512	1,737	1,189	692
MAX	1,800	3,170	7,760	23,400	6,640	25,000	28,300	8,110	2,220	3,280	2,300	2,980
MIN	484	484	1,030	1,750	2,400	2,760	3,620	1,900	1,130	1,090	693	430
CFSM	.39	.47	1.44	2.91	1.99	5.03	4.96	2.08	.96	1.05	.72	.44
IN.	.45	.52	1.66	3.35	2.15	5.80	5.54	2.39	1.07	1.21	.83	.49
CAL YR 1963: TOTAL	938,166	MEAN 2,570	MAX 39,500	MIN 411	CFSM 1.55	IN 21.02						
MAY YR 1964: TOTAL	1,136,191	MEAN 3,104	MAX 28,300	MIN 430	CFSM 1.87	IN 25.45						

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,700	1,070	1,610	3,140	2,630	3,600	4,690	2,520	1,290	1,550	1,310	618
2	2,620	1,030	1,530	2,820	2,890	5,330	4,270	2,400	1,220	1,770	1,060	670
3	1,750	1,060	1,440	2,760	2,880	6,340	4,090	2,320	1,190	1,480	971	1,150
4	1,600	1,040	5,730	2,760	2,840	6,990	4,340	2,240	1,270	1,330	946	1,050
5	3,630	1,020	6,480	2,580	2,700	6,990	6,780	2,180	1,870	1,280	889	971
6	3,880	1,000	4,660	2,360	2,700	6,160	8,420	2,110	2,540	1,490	881	938
7	2,750	1,000	3,530	2,220	7,980	5,140	8,450	2,070	2,090	2,520	865	825
8	1,920	1,000	2,650	2,170	8,080	4,520	7,150	2,040	2,680	2,100	954	723
9	1,550	1,000	2,210	2,120	6,480	4,090	5,250	1,990	4,500	1,850	1,060	648
10	1,290	1,000	1,940	2,680	4,960	3,820	4,570	1,950	2,980	1,890	1,060	603
11	1,160	996	1,750	3,700	4,140	3,530	4,180	1,920	4,400	2,000	946	603
12	1,050	988	2,190	3,140	7,100	4,090	3,960	1,930	4,620	2,100	1,100	603
13	996	996	2,830	2,720	9,840	6,400	3,910	1,920	2,990	1,970	1,040	663
14	938	996	2,620	2,440	7,470	5,710	3,680	1,850	2,600	1,610	1,020	700
15	1,550	1,000	2,270	2,290	5,630	4,940	3,480	1,780	2,240	2,120	857	678
16	5,640	996	1,990	2,460	4,460	4,420	3,450	1,710	2,330	2,030	825	625
17	6,320	988	1,850	2,590	4,600	4,320	3,420	1,650	2,180	1,780	938	589
18	5,200	996	1,780	2,400	6,160	8,140	3,200	1,640	1,860	1,540	938	546
19	3,550	1,010	1,860	2,240	5,570	6,160	3,290	1,610	1,670	1,260	841	596
20	2,520	1,160	2,170	2,160	4,620	5,340	3,560	1,620	1,500	1,170	762	596
21	1,930	1,350	2,750	2,150	3,980	4,450	3,140	1,630	1,380	1,130	778	546
22	1,720	1,270	2,680	2,080	3,670	3,860	2,950	1,670	1,290	1,040	723	525
23	1,530	1,150	2,420	6,390	3,430	3,840	2,810	2,050	1,210	1,010	700	504
24	1,370	1,200	2,360	12,100	3,390	6,460	2,710	3,210	1,280	996	685	596
25	1,370	4,220	9,710	8,260	5,760	9,060	2,640	2,600	1,370	1,090	817	739
26	1,220	4,620	11,400	6,370	5,520	9,520	2,640	2,160	3,200	2,340	770	611
27	1,190	3,350	12,800	4,620	4,930	10,400	3,290	1,810	2,460	2,290	825	553
28	1,160	2,520	8,390	3,880	3,630	8,260	3,280	1,740	1,860	1,990	754	532
29	1,160	1,940	6,000	3,280	-----	6,580	3,000	1,640	1,560	1,550	954	532
30	1,110	1,750	4,500	2,990	-----	5,700	2,760	1,500	1,350	2,160	746	700
31	1,090	-----	3,550	2,700	-----	5,490	-----	1,400	-----	1,750	693	-----
TOTAL	68,404	43,716	119,650	106,480	138,290	179,830	123,360	60,880	64,960	52,186	27,708	20,233
MEAN	2,207	1,477	3,880	3,435	4,479	5,801	4,112	1,964	2,165	1,683	884	674
MAX	6,320	4,620	12,800	12,100	9,840	10,400	8,140	3,210	4,620	2,520	1,310	1,150
MIN	938	988	1,440	2,080	2,630	3,530	2,640	1,400	1,190	996	685	504
CFSM	1.33	.88	2.33	2.07	2.98	3.49	2.48	1.18	1.30	1.01	.54	.41
IN.	1.53	.98	2.68	2.39	3.10	4.03	2.76	1.36	1.46	1.17	.62	.45
CAL YR 1964: TOTAL	1,250,309	MEAN 3,416	MAX 28,300	MIN 430	CFSM 2.06	IN 28.01						
MAY YR 1965: TOTAL	1,005,697	MEAN 2,795	MAX 12,800	MIN 504	CFSM 1.66	IN 22.53						

2-4148 Harbuck Creek near Hackneyville, Ala

Location --Lat 33°07', long 85°57', in SE $\frac{1}{4}$ sec 7, T 22 S, R 7 E, on left bank at upstream abutment of bridge on county highway, 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

Records available --Annual maximums, water years 1951-58 July 1958 to September 1965

Gage --Water-stage recorder Altitude of gage is 710 ft (from topographic map) Prior to July 23, 1958, crest-stage gage at same site and datum

Average discharge --7 years, 14 3 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (650 cfs revised), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 25, 1961	0400	745	3 80	Feb 22, 1962	0800	1,300	5 00	Jan 24, 1964	2230	948	4 60
Mar 31, 1961	0500	* 1,550	5 41	Apr 12, 1962	0400	870	4 10	Mar 15, 1964	0700	756	3 96
Aug 6, 1961	1245	1,040	4 48	Nov 21, 1962	1130	769	3 86	Apr 6, 1964	1130	* 1,950	7 95
				Mar 5, 1963	2000	693	3 67	Apr 13, 1964	1200	837	4 25
Dec 10, 1961	0330	1,060	4 52	Mar 12, 1963	1930	825	4 00	Sept 30, 1965	1800	* 921	4 51
Dec 11, 1961	2300	843	4 04	June 23, 1963	1330	* 906	4 18				
Dec 18, 1961	0200	* 2,170	6 34								

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 14-16, 1960	1 9	0 54	1963	Sept 23, 24, 1963	0 50	0 47
1962	Many days	60	-	1964	Oct 14-25, 28-31, 1963	80	-
				1965	Sept 22, 1965	2 9	57

1950-65 Maximum gage height, 8 9 ft May 22, 1955 (discharge not determined)

1958-65 Maximum discharge, 2,170 cfs Dec 18, 1961 (gage height, 6 34 ft), from rating curve extended above 833 cfs on basis of two slope-area measurements of peak flow, minimum, 0 30 cfs Sept 13, 14, 1960 (gage height, 0 42 ft)

Remarks --Records fair except those above 900 cfs, and those for periods of shifting control or no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.5	2.6	3.3	7.3	6.8	38	64	24	7.6	12	5.0	8.2
2	2.6	2.6	3.0	6.0	6.4	24	41	21	7.2	11	5.2	17
3	2.2	2.4	3.0	5.3	15	20	37	17	7.0	11	7.8	10
4	2.2	2.4	2.8	4.6	10	17	31	15	6.7	10	5.7	7.3
5	2.4	2.4	2.8	4.6	9.2	16	26	14	9.7	9.2	4.4	6.4
6	8.2	2.4	2.8	4.4	8.7	27	24	14	15	8.7	88	6.0
7	7.8	2.4	2.6	4.4	40	77	21	13	25	10	99	5.6
8	5.0	2.4	2.8	4.1	29	80	18	13	10	9.7	28	5.0
9	4.1	2.2	3.3	3.8	17	43	30	22	13	8.7	14	5.0
10	3.3	2.6	3.0	3.8	14	32	22	14	11	8.2	11	4.6
11	3.0	2.4	6.7	3.8	11	26	19	16	40	18	9.7	4.6
12	2.8	2.2	4.4	3.8	9.7	22	139	15	23	14	8.7	5.8
13	2.6	2.0	3.7	5.2	9.2	33	46	13	33	12	8.2	5.6
14	2.4	1.9	3.5	9.9	8.7	24	34	12	14	11	8.2	6.4
15	6.7	1.9	4.6	6.8	7.9	21	34	12	47	9.2	7.7	5.3
16	3.4	1.9	4.1	6.0	7.6	19	26	12	31	8.7	7.7	4.6
17	2.6	2.0	3.8	5.3	7.6	16	24	11	20	16	7.3	4.6
18	2.4	2.4	3.5	5.0	104	60	20	12	12	12	6.8	4.4
19	5.9	3.0	3.5	8.8	229	34	19	11	10	11	6.4	4.4
20	8.5	3.3	3.5	8.2	126	27	18	10	45	27	6.4	4.4
21	4.4	3.3	6.7	6.8	149	24	18	9.2	79	12	6.8	4.1
22	3.5	3.3	4.6	6.4	73	20	17	10	32	18	7.3	3.8
23	3.0	5.8	4.4	6.0	64	17	27	20	12	6.0	3.8	3.8
24	2.8	4.1	4.1	5.6	187	15	16	16	16	9.7	6.0	3.5
25	2.6	3.8	4.1	5.6	279	14	15	11	14	8.2	6.0	3.5
26	2.4	3.5	3.8	15	67	14	48	13	67	7.7	7.3	3.5
27	2.4	3.5	3.8	14	43	13	34	10	41	7.3	6.8	3.5
28	2.4	3.5	3.8	11	34	27	26	9.3	25	6.4	5.6	3.3
29	2.2	4.4	9.2	-----	-----	21	8.8	17	6.0	5.3	3.0	3.0
30	2.2	3.8	4.4	7.7	-----	41	19	8.3	14	5.6	6.5	3.0
31	3.2	-----	6.4	6.8	-----	360	-----	7.9	-----	5.3	18	-----
TOTAL	112.7	86.4	120.6	205.2	1,572.8	1,220	924	421.5	712.2	335.6	426.8	160.2
MEAN	3.64	2.88	3.89	6.62	56.2	39.4	30.8	13.6	23.7	10.8	13.8	5.34
MAX	8.5	5.8	6.7	15	279	360	139	27	79	27	99	17
MIN	2.2	1.9	2.6	3.8	6.4	13	15	7.9	6.7	5.3	4.4	3.0
CFSM	.54	.43	.58	.99	8.38	5.87	4.60	2.03	3.54	1.62	2.05	.80
IN.	.63	.48	.67	1.14	8.73	6.77	5.13	2.34	3.95	1.86	2.37	.89

CAL YR 1960: TOTAL 4,097.90 MEAN 11.2 MAX 121 MIN 1.9 CFSM 1.67 IN 22.75
 MAY YR 1961: TOTAL 6,298.0 MEAN 17.3 MAX 360 MIN 1.9 CFSM 2.58 IN 34.96

Note --No gage-height record May 23 to June 21

MOBILE RIVER BASIN

2-4148 Harbuck Creek near Hackneyville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.3	2.8	2.6	14	24	24	22	12	5.3	3.0	1.5	.60
2	3.0	2.8	2.6	13	21	21	17	12	5.0	2.6	1.4	.60
3	8.0	3.0	2.6	12	21	21	15	11	4.6	3.0	1.4	.60
4	4.1	4.1	2.6	11	19	19	14	10	5.6	4.1	1.4	.60
5	3.3	3.3	3.5	19	19	18	19	10	5.3	5.0	1.4	.70
6	3.3	3.3	4.6	63	16	16	60	9.7	4.4	28	1.2	.60
7	3.0	3.0	4.1	32	15	15	40	8.7	4.8	6.7	1.1	.60
8	3.3	2.6	3.3	24	15	14	28	9.2	4.4	4.1	1.5	.70
9	3.0	2.4	15	19	15	20	21	8.7	4.4	3.5	1.1	.60
10	3.0	2.4	302	17	14	21	18	8.7	9.1	3.0	.80	.70
11	2.8	2.4	113	16	14	69	88	7.7	7.2	2.8	.80	.80
12	2.8	2.4	273	15	14	62	205	7.7	6.4	2.6	.80	3.4
13	2.8	2.4	79	14	13	34	56	7.3	6.4	2.4	10	1.8
14	2.8	2.4	124	14	13	27	38	6.8	5.3	2.2	4.7	15
15	3.3	3.5	95	24	12	24	30	6.4	5.0	2.2	1.9	2.8
16	3.3	4.6	50	19	17	20	25	6.4	4.6	2.4	1.5	1.4
17	3.3	3.3	127	16	13	18	22	5.6	4.1	2.2	1.4	12
18	3.0	2.6	353	13	13	17	20	5.6	3.8	2.0	1.1	2.0
19	3.0	2.4	60	186	15	16	18	5.6	3.8	2.0	1.1	1.2
20	3.0	2.4	37	55	13	16	17	5.3	6.1	1.7	1.1	1.0
21	3.3	2.4	29	38	60	19	15	5.2	4.4	1.7	2.0	1.0
22	3.3	2.4	24	31	242	15	14	6.4	3.5	1.7	1.4	.90
23	3.3	9.8	24	61	88	14	14	5.3	8.5	1.5	1.2	.90
24	3.3	4.1	18	40	104	14	14	5.3	5.4	1.5	1.0	.80
25	3.3	3.3	17	33	47	21	14	4.6	4.1	4.0	.90	1.9
26	3.0	3.0	15	28	38	16	14	4.4	3.5	2.4	.80	16
27	2.8	2.8	15	61	31	15	13	4.4	3.5	1.9	.70	2.5
28	3.0	2.8	14	45	27	14	17	4.1	3.5	9.3	.70	1.7
29	3.0	2.8	13	36	-----	14	16	3.8	3.5	2.8	.60	1.2
30	2.8	2.8	12	31	-----	14	13	4.4	3.3	2.2	.60	1.7
31	2.8	-----	14	27	-----	32	-----	4.6	-----	1.9	.60	-----
TOTAL	101.3	94.3	1,048.9	1,039	953	680	917	216.9	148.8	116.4	47.70	76.30
MEAN	3.27	3.14	59.6	33.5	34.0	21.9	30.6	7.00	4.96	3.75	1.54	2.54
MAX	8.0	9.8	353	186	242	69	205	12	9.1	28	10	16
MIN	2.8	2.4	11	13	13	14	14	3.8	3.3	1.5	.60	.70
CFSM	.49	.47	8.90	5.00	5.08	3.27	4.56	1.04	.74	.56	.23	.38
IN.	.56	.52	10.3	5.77	5.29	3.77	5.09	1.20	.83	.65	.26	.42

CAL YR 1961- TOTAL 8,022.8

MEAN 22.0

MAX 360

MIN 2.4

CFSM 3.28

IN 44.53

WAT YR 1962 TOTAL 6,239.60

MEAN 17.1

MAX 353

MIN .60

CFSM 2.55

IN 34.63

Note --Shifting-control method used Oct 1 to Dec 9 and June 18 to Aug 21

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5.0	1.4	3.8	8.7	24	17	17	28	4.6	9.5	2.8	1.9
2	29	1.5	3.8	8.2	46	14	15	19	4.1	6.4	2.6	1.7
3	23	1.4	3.3	7.3	70	13	15	14	4.1	6.0	2.4	1.2
4	6.4	1.2	3.3	6.4	34	13	14	13	3.8	5.0	2.4	1.4
5	4.4	1.2	3.5	6.4	26	111	13	12	3.5	4.1	2.2	1.7
6	3.8	1.2	3.5	6.0	21	102	13	11	3.5	4.7	2.2	1.4
7	3.3	1.3	3.5	5.6	17	42	13	10	3.3	6.0	2.2	1.4
8	3.0	8.4	3.5	5.6	14	30	12	9.2	3.0	5.0	2.2	1.4
9	2.6	22	3.3	5.0	14	25	12	8.7	2.8	5.6	2.0	1.2
10	2.2	6.9	3.3	5.0	13	21	11	8.2	2.8	4.6	2.2	1.1
11	2.0	4.4	3.5	39	16	18	11	8.2	2.8	3.8	2.8	.80
12	1.9	5.3	3.4	30	16	173	11	7.3	2.8	3.8	4.4	.80
13	1.9	5.0	3.5	18	14	104	10	7.3	2.6	3.8	22	1.0
14	1.9	4.1	3.8	13	13	46	9.7	6.8	2.6	4.4	9.4	1.1
15	1.9	3.8	3.8	11	12	34	9.2	6.0	2.4	4.4	2.8	1.7
16	1.9	4.4	4.1	10	11	29	9.2	5.6	2.8	4.1	2.6	1.5
17	1.7	6.4	3.5	10	11	28	9.2	5.3	3.3	4.1	9.7	1.4
18	1.7	10	3.5	48	12	24	8.7	4.6	3.8	4.1	4.1	1.2
19	1.5	7.7	3.5	58	38	21	8.7	4.4	4.6	3.8	2.8	1.0
20	1.5	12	3.5	85	21	20	28	4.6	6.4	3.5	6.8	.80
21	1.7	140	3.8	45	16	17	15	4.4	5.6	3.8	4.6	.80
22	28	18	6.0	27	18	11	12	4.1	3.6	3.3	4.3	.70
23	1.5	12	4.4	22	13	14	10	4.1	80	3.3	2.8	.60
24	1.4	7.7	5.3	17	14	14	9.2	4.4	13	5.8	2.6	1.2
25	1.2	6.4	35	14	12	14	10	4.4	7.7	4.4	2.6	1.7
26	1.2	5.6	17	14	12	112	9.2	16	7.3	3.8	2.4	1.7
27	1.4	5.0	11	12	12	38	8.7	9.2	11	3.5	2.4	2.2
28	1.4	4.4	8.7	11	11	28	11	11	11	3.3	7.4	5.7
29	1.4	4.1	22	11	-----	24	27	9.2	7.7	3.3	7.4	1.9
30	1.9	4.1	14	33	-----	21	90	6.0	11	4.2	2.4	1.2
31	1.7	-----	11	31	-----	18	-----	5.3	-----	3.8	2.0	-----
TOTAL	117.3	326.9	209.1	623.2	544	1,201	451.8	271.3	240.9	139.2	120.5	43.40
MEAN	3.78	10.9	6.75	20.1	19.4	38.7	15.1	8.75	8.03	4.49	3.89	1.45
MAX	29	140	35	85	70	173	90	28	80	9.5	22	5.7
MIN	1.2	1.2	3.3	5.0	11	13	8.7	4.1	2.4	3.3	2.0	.60
CFSM	.56	1.63	1.01	3.00	2.90	5.78	2.25	1.31	1.20	.67	.58	.22
IN.	.65	1.81	1.16	3.46	3.02	6.67	2.51	1.51	1.34	.77	.67	.24

CAL YR 1962- TOTAL 4,948.40

MEAN 13.3

MAX 242

MIN .60

CFSM 1.98

IN 26.91

WAT YR 1963: TOTAL 4,288.60

MEAN 11.7

MAX 173

MIN .60

CFSM 1.75

IN 23.80

Note --Shifting-control method used Oct 1 to Dec 12 and Mar 26 to Sept 30

2-4148 Harbuck Creek near Hackneyville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.2	1.0	4.5	14	14	13	19	25	8.2	11	8.2	2.7
2	1.2	1.1	4.2	11	12	122	18	34	7.2	13	6.4	2.7
3	1.2	1.4	4.9	12	11	60	18	30	7.7	11	6.0	2.4
4	1.2	1.2	4.2	15	10	68	17	25	6.8	8.6	6.0	2.2
5	1.1	1.0	3.9	11	14	55	17	20	6.8	7.2	6.0	2.2
6	1.0	1.1	3.5	13	16	35	548	18	13	5.6	6.4	2.2
7	1.0	1.4	3.5	16	13	29	81	17	7.7	6.0	6.8	2.0
8	1.0	1.6	5.2	14	13	26	52	16	11	12	6.4	2.0
9	1.0	1.2	4.9	99	11	25	39	16	5.6	11	6.0	1.7
10	1.0	1.2	4.2	35	11	28	34	15	5.2	39	6.0	1.7
11	1.0	1.2	13	25	11	22	30	14	5.6	22	11	2.2
12	1.0	1.1	27	20	10	19	100	14	5.6	67	16	6.9
13	1.0	1.1	21	16	13	18	273	13	5.2	32	8.6	3.5
14	.80	1.1	34	13	17	72	81	13	4.9	18	5.6	3.2
15	.80	1.1	22	12	18	247	49	12	4.9	13	4.9	2.7
16	.80	1.1	14	10	19	57	39	11	4.5	11	6.4	2.4
17	.80	1.1	11	11	16	39	34	11	4.5	9.6	5.6	2.4
18	.80	1.1	9.6	10	47	32	30	9.6	4.5	8.6	4.9	2.4
19	.80	1.1	8.6	10	28	29	26	9.6	4.5	8.2	4.5	4.5
20	.80	1.1	7.7	12	21	28	24	9.1	4.2	18	4.2	3.9
21	.80	1.1	7.2	11	17	28	22	9.1	4.2	20	4.5	3.5
22	.80	1.2	6.8	10	15	24	21	8.6	4.2	10	9.9	3.2
23	.80	2.7	8.6	9.0	13	21	19	8.6	5.2	8.6	12	2.9
24	.80	2.4	9.1	105	13	19	18	8.2	14	17	5.2	2.7
25	.80	2.0	7.7	109	21	44	17	8.2	32	9.1	4.5	2.4
26	1.0	1.7	7.7	34	17	53	19	7.7	33	8.2	3.9	2.2
27	1.0	2.2	6.8	24	16	34	59	7.2	17	7.2	3.5	2.4
28	.80	20	6.8	17	16	28	43	7.7	8.2	6.8	3.5	4.4
29	.80	2.5	6.4	15	14	25	41	7.7	6.4	6.4	3.2	2.7
30	.80	6.4	6.4	13	-----	21	29	8.2	6.0	6.4	2.9	13
31	.80	-----	8.6	16	-----	20	-----	8.6	-----	7.7	2.9	-----
TOTAL	26.70	84.0	293.0	741.0	467	1,341	1,817	422.1	257.8	439.2	191.9	121.6
MEAN	2.80	9.45	23.9	16.1	16.1	43.3	60.4	13.6	8.9	14.2	6.9	4.3
MAX	1.2	21	34	109	47	247	548	34	33	67	16	29
MIN	.80	1.0	3.5	9.0	10	13	17	7.2	4.2	5.6	2.9	1.7
CFSM	.14	.42	1.41	3.57	2.40	6.46	9.04	7.03	1.28	2.11	.92	.60
IN.	.16	.47	1.63	4.11	2.59	7.44	10.1	2.34	1.43	2.44	1.07	.67

CAL YR 1963: TOTAL 4,041.00 MEAN 11.1 MAX 173 MIN .60 CFSM 1.65 IN 22.43
 MAY YR 1964: TOTAL 6,204.30 MEAN 17.0 MAX 548 MIN .80 CFSM 2.53 IN 34.44

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.0	4.2	5.6	14	16	24	23	12	4.2	4.5	3.9	3.5
2	4.5	4.2	5.2	14	16	90	21	11	3.9	4.2	3.5	86
3	4.2	4.5	5.8	15	14	43	20	11	4.4	6.8	3.2	27
4	29	4.5	78	12	13	50	25	11	4.5	9.5	3.5	13
5	38	4.5	20	11	13	36	21	10	4.9	6.8	4.5	9.1
6	11	4.5	13	11	47	30	19	10	4.9	6.0	4.5	7.2
7	7.2	4.5	10	11	56	26	27	9.6	19	8.2	5.6	6.4
8	6.0	4.5	8.6	10	34	24	23	9.1	6.0	6.8	6.4	5.2
9	5.2	4.5	8.2	10	27	22	21	9.1	5.2	5.2	4.9	4.9
10	4.9	4.5	7.7	24	23	20	19	8.6	53	9.3	3.9	4.9
11	4.2	4.5	12	16	21	19	18	8.6	24	9.8	3.9	4.5
12	3.9	4.9	19	13	79	27	27	8.2	10	5.2	4.2	4.5
13	3.5	5.2	14	12	44	23	19	7.7	7.8	4.9	4.5	4.9
14	3.9	5.6	11	11	33	21	18	7.2	15	4.9	3.9	4.5
15	26	5.6	10	13	27	19	19	6.8	24	5.6	3.9	4.2
16	14	5.6	9.1	13	24	18	20	6.8	36	5.2	3.9	3.9
17	8.6	5.6	8.6	11	43	88	16	6.8	16	4.5	4.9	3.5
18	7.2	6.0	8.6	11	39	40	16	6.4	11	14	4.9	4.2
19	6.0	7.3	7.7	11	31	29	29	6.4	8.6	13	4.9	4.2
20	5.6	10	19	10	26	25	19	6.4	6.8	6.0	70	3.5
21	5.2	4.9	14	10	24	22	16	6.8	6.4	5.2	11	3.2
22	5.2	4.5	13	10	21	20	16	7.7	6.0	4.5	6.4	3.3
23	4.9	4.5	12	117	19	27	15	6.8	5.6	4.2	6.0	12
24	4.5	25	11	44	28	28	14	6.0	6.8	6.8	5.2	8.0
25	4.5	37	116	29	24	26	18	5.6	5.6	5.6	4.5	4.5
26	4.5	12	43	26	21	88	16	6.0	5.2	5.2	3.9	3.9
27	4.5	8.6	34	21	19	41	20	5.6	4.2	4.9	3.9	3.5
28	4.5	7.7	25	18	18	33	15	5.6	4.9	4.5	5.6	3.2
29	4.2	6.8	20	17	-----	28	13	6.0	4.9	4.9	4.5	3.5
30	4.2	5.6	17	16	-----	26	13	4.9	4.5	4.5	3.9	84
31	4.2	-----	16	15	-----	24	-----	4.5	-----	3.9	3.9	-----
TOTAL	249.3	221.3	612.1	576	800	1,037	576	238.2	324.4	194.6	162.0	338.2
MEAN	8.04	7.38	19.7	18.6	28.1	33.3	19.2	7.68	10.8	6.28	5.3	11.3
MAX	38	37	116	117	79	90	29	12	53	14	20	86
MIN	3.5	4.2	5.2	10	13	18	13	4.5	3.9	3.9	3.5	3.2
CFSM	1.20	1.10	2.95	2.77	4.26	4.99	2.87	1.15	1.61	.94	.78	1.68
IN.	1.38	1.23	3.40	3.20	4.44	5.76	3.20	1.32	1.80	1.08	.90	1.88

CAL YR 1964: TOTAL 6,881.3 MEAN 18.8 MAX 548 MIN 1.7 CFSM 2.81 IN 38.20
 MAY YR 1965: TOTAL 5,329.1 MEAN 14.6 MAX 117 MIN 3.2 CFSM 2.18 IN 29.58

2-4150 Hillabee Creek near Hackneyville, Ala

Location --Lat 33°04', long 85°53', in SW 1/4 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

Records available --June 1952 to September 1965

Gage --Water-stage recorder Datum of gage is 557 92 ft above mean sea level, datum of 1929

Average discharge --13 years, 305 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (4,500 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	0400	6,460	18 18	Feb 22, 1962	1950	8,110	19 91	Mar 15, 1964	1800	7,480	19 28
Feb 25, 1961	1230	* 9,270	20 97	Apr 12, 1962	1430	6,980	18 76	Apr 6, 1964	2200	* 12,800	23 74
Mar 31, 1961	1500	8,620	20 38	Mar 6, 1963	0700	4,900	16 25	Apr 13, 1964	0800	5,350	16 61
Dec 10, 1961	1400	7,720	19 52	Mar 13, 1963	0500	* 8,020	19 82	Mar 17, 1965	2300	* 3,610	14 41
Dec 12, 1961	1300	6,320	18 02	Jan 25, 1964	1200	6,480	18 20				
Dec 18, 1961	1330	* 9,320	21 02	Mar 2, 1964	2400	4,560	15 80				
Jan 19, 1962	1300	4,560	15 80								

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 29, 30, 1961	47	3 85	1964	Oct 22, 23, 30, 31, 1965	36	3 76
1962	Sept 4, 1962	28	3 64				
1963	Sept 25, 1963	31	3 65	1965	Sept 23, 1965	38	3 71

1952-65 Maximum discharge, 15,600 cfs Apr 5, 1957 (gage height, 25 7 ft), minimum, 8 1 cfs Oct 16, 1954

Remarks --Records good

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	116	94	79	202	125	793	1,770	413	160	239	120	226
2	95	73	74	142	120	676	1,000	462	156	223	114	198
3	85	70	72	119	291	596	877	369	152	207	132	284
4	78	66	71	106	214	545	847	330	144	209	145	138
5	80	65	71	101	170	509	682	310	155	187	112	115
6	283	65	71	95	153	513	612	290	240	176	232	107
7	367	66	71	91	601	1,750	556	290	462	190	718	105
8	177	66	71	91	618	1,790	517	270	206	214	351	96
9	155	66	71	85	328	1,080	770	400	241	216	198	89
10	118	74	70	80	237	781	665	320	226	173	156	86
11	102	83	151	79	194	656	590	354	709	260	136	84
12	91	76	144	79	174	583	2,440	310	478	380	124	90
13	85	74	105	78	156	764	1,120	280	623	271	116	156
14	78	72	94	171	143	692	787	260	277	353	110	125
15	78	71	100	139	133	550	853	260	771	225	110	127
16	92	71	118	116	127	506	736	250	645	202	107	95
17	78	72	95	103	123	464	603	240	379	243	101	83
18	74	74	89	96	1,130	1,050	553	240	297	280	92	77
19	68	72	84	121	3,010	781	519	270	239	223	88	77
20	199	69	83	210	4,280	615	488	240	489	321	85	80
21	115	69	136	143	3,210	575	457	230	1,020	279	90	77
22	91	69	120	123	1,870	509	433	220	628	232	91	71
23	85	104	101	118	1,740	458	418	537	376	253	91	66
24	78	119	95	112	1,970	422	402	299	328	185	107	63
25	72	91	94	115	7,620	395	392	235	279	159	102	60
26	68	83	90	246	2,060	378	880	241	941	145	101	58
27	70	79	90	321	1,200	369	802	223	957	136	111	55
28	70	79	84	209	971	590	556	202	472	132	97	53
29	67	86	82	173	-----	511	449	189	345	128	86	49
30	66	95	102	148	-----	676	410	176	279	125	90	48
31	75	-----	115	131	-----	5,950	-----	168	-----	123	376	-----
TOTAL	3,376	2,315	2,893	4,143	32,968	26,527	22,124	8,868	12,676	6,689	4,689	3,038
MEAN	109	77.2	93.3	134	1,177	856	737	286	423	216	151	101
MAX	387	119	151	321	7,620	5,950	2,440	537	1,020	380	718	284
MIN	66	65	70	78	120	369	392	168	146	123	85	48
CFSM	56	39	48	68	6,01	4,37	3,76	1,46	2,16	1,10	77	52
IN.	.64	.44	.55	.79	6.26	5.03	4.20	1.68	2.41	1.27	.69	.58

CAL YR 1960: TOTAL 96,871 MEAN 265 MAX 3,080 MIN 26 CFSM 1.35 IN 18.38
 MAY YR 1961: TOTAL 130,306 MEAN 397 MAX 7,620 MIN 48 CFSM 1.82 IN 24.72

2-4150 Hillabee Creek near Hackneyville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	49	52	66	420	522	548	598	357	152	87	75	33
2	50	53	66	349	488	504	454	328	165	81	68	33
3	134	56	66	325	454	501	402	305	136	84	62	31
4	116	79	66	314	436	470	376	297	162	180	62	29
5	72	72	76	339	431	444	423	281	181	227	62	46
6	64	65	117	1,180	392	418	1,000	275	134	244	112	42
7	60	59	128	733	369	400	937	259	129	353	78	35
8	59	55	92	548	369	392	637	253	124	144	83	34
9	58	53	94	457	379	519	517	237	120	113	73	41
10	57	54	5,010	439	354	519	452	235	173	96	54	41
11	52	55	1,290	384	340	1,130	806	227	239	85	50	36
12	51	55	5,440	366	330	1,670	4,990	216	301	83	44	49
13	51	57	2,590	347	325	787	1,570	203	416	77	81	120
14	51	58	1,480	349	321	615	955	199	181	73	438	258
15	49	74	2,250	550	305	561	704	191	142	96	111	281
16	48	102	1,050	472	405	501	665	184	124	149	86	86
17	48	101	1,430	397	330	459	603	179	116	96	77	196
18	46	75	7,150	414	308	433	553	171	110	84	65	110
19	47	66	1,530	3,350	359	423	524	111	60	73	76	46
20	45	65	1,000	1,400	310	418	485	158	160	64	53	60
21	47	60	772	868	965	553	452	152	293	61	83	52
22	48	60	640	700	4,240	436	431	246	123	57	154	49
23	48	237	598	1,130	2,090	397	423	170	111	53	85	47
24	48	188	509	943	1,710	374	418	165	120	52	70	46
25	48	103	454	745	997	491	431	150	104	155	62	43
26	48	86	418	651	817	478	517	143	97	164	53	232
27	46	78	407	1,090	694	397	400	136	98	87	49	171
28	46	77	446	982	612	371	418	131	111	125	45	75
29	48	72	369	739	-----	366	496	120	104	214	42	61
30	50	67	342	631	-----	361	394	127	96	123	38	56
31	50	-----	342	570	-----	684	-----	133	-----	87	36	-----
TOTAL	1,734	2,334	36,288	22,182	19,652	16,620	22,111	6,387	4,633	3,667	2,511	2,465
MEAN	55.9	74.8	1,171	715	634	536	713	206	154	118	81.0	82.2
MAX	134	237	7,150	3,350	4,240	1,670	4,990	357	416	353	438	281
MIN	45	52	66	314	305	361	376	123	96	52	36	29
CFSM	.29	.40	5.97	3.65	3.58	2.74	3.76	1.05	.79	.60	.41	.42
IN.	.33	.44	6.89	4.21	3.73	3.15	4.20	1.21	.88	.70	.48	.47

CAL YR 1961: TOTAL 162,078

WAT YR 1962: TOTAL 140,594

MEAN 444

MEAN 385

MAX 7,620

MAX 7,150

MIN 45

MIN 29

CFSM 2.27

CFSM 1.97

IN 30.75

IN 26.68

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	57	44	120	206	519	350	397	659	150	559	120	69
2	540	44	113	182	519	462	374	449	140	229	105	67
3	689	45	110	166	1,800	323	399	361	133	186	93	65
4	223	46	110	152	793	301	345	312	150	158	86	66
5	131	46	110	148	578	479	325	290	126	138	80	87
6	102	45	118	143	480	3,220	328	265	119	129	81	77
7	87	46	107	138	420	973	345	249	115	463	81	65
8	77	100	105	134	380	671	310	225	111	192	89	64
9	73	527	105	127	350	553	299	214	107	191	79	60
10	65	261	97	122	320	480	297	206	104	148	73	54
11	62	138	97	273	350	439	279	196	97	129	70	52
12	57	140	96	1,360	400	1,900	281	192	92	119	69	53
13	54	186	104	480	340	4,750	261	186	91	115	183	54
14	54	134	113	325	300	1,180	247	212	85	127	854	50
15	52	110	111	253	280	871	239	199	81	134	155	59
16	52	97	104	223	260	727	239	179	81	122	111	64
17	51	92	98	205	250	721	231	168	91	242	104	58
18	50	105	95	1,200	260	648	221	168	114	411	127	54
19	46	136	91	879	680	567	219	158	130	158	95	53
20	44	150	89	1,800	501	581	560	155	192	138	155	49
21	44	1,640	89	1,210	397	485	488	160	202	134	630	44
22	48	1,230	143	645	335	446	323	146	516	118	163	44
23	47	374	124	517	301	423	269	137	918	105	123	41
24	44	241	126	416	335	402	235	133	810	152	111	34
25	43	194	635	340	319	400	245	131	273	163	104	32
26	43	168	552	335	288	1,880	263	272	208	124	94	33
27	44	150	279	366	257	814	227	554	309	113	88	43
28	44	138	210	288	255	606	271	400	770	110	84	231
29	45	136	384	267	-----	514	495	281	299	113	92	176
30	45	129	376	457	-----	462	-----	1,650	201	352	121	80
31	46	-----	255	715	-----	423	-----	166	-----	204	71	-----
TOTAL	3,059	6,882	5,266	14,272	12,267	27,051	10,622	7,624	6,946	5,545	4,450	1,981
MEAN	98.7	229	170	460	438	873	354	246	232	179	144	65.0
MAX	689	1,640	635	1,800	1,800	4,750	1,650	659	918	559	854	231
MIN	43	44	89	122	250	301	219	131	81	105	69	32
CFSM	.50	1.17	.87	2.35	2.24	4.45	1.81	1.25	1.18	.91	.73	.34
IN.	.58	1.31	1.00	2.71	2.33	5.13	2.02	1.45	1.32	1.05	.84	.38

CAL YR 1962: TOTAL 115,445

WAT YR 1963: TOTAL 105,965

MEAN 316

MEAN 290

MAX 4,990

MAX 4,750

MIN 29

MIN 52

CFSM 1.61

CFSM 1.48

IN 21.91

IN 20.11

2-4150 Hillabee Creek near Hackneyville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	68	41	131	273	449	323	506	559	208	191	389	63
2	60	58	110	201	340	1,690	480	754	192	312	148	58
3	59	52	129	221	308	2,150	472	781	181	210	122	55
4	58	47	111	369	283	993	467	587	174	162	113	55
5	55	47	96	394	326	1,670	436	509	170	146	110	53
6	52	56	87	343	509	844	6,830	465	245	123	110	51
7	50	61	84	550	371	659	4,720	436	245	116	102	48
8	49	53	105	377	345	567	1,540	413	191	129	100	45
9	49	50	126	2,000	297	522	1,150	402	174	199	95	44
10	47	50	97	883	283	606	961	400	162	319	89	40
11	45	49	196	491	310	470	850	397	155	349	127	43
12	46	46	830	374	273	426	956	394	152	651	201	225
13	45	45	670	297	291	394	4,730	392	144	493	219	148
14	43	46	1,000	288	540	877	2,320	333	136	233	106	84
15	40	45	486	223	418	5,470	1,360	321	129	181	92	74
16	40	45	277	210	540	2,060	1,080	303	123	158	110	66
17	40	46	210	235	407	1,060	931	292	126	143	120	61
18	40	47	182	241	1,090	844	832	279	122	133	110	59
19	39	46	162	203	736	739	760	269	115	129	101	77
20	38	46	146	210	519	739	691	271	111	157	96	109
21	37	46	138	196	426	739	643	255	140	431	95	79
22	37	47	130	182	376	631	606	245	122	170	129	69
23	37	47	182	176	337	548	578	247	122	194	157	65
24	38	98	174	844	312	511	543	243	205	233	158	60
25	38	59	148	4,560	508	994	517	237	237	277	126	55
26	40	53	136	1,070	470	2,400	587	219	366	158	105	50
27	42	57	131	668	397	1,010	1,350	210	441	133	92	49
28	40	84	122	504	405	766	775	205	178	122	81	55
29	38	797	119	407	352	662	962	201	144	124	75	120
30	37	216	113	354	-----	575	645	210	130	111	110	50
31	36	-----	131	399	-----	537	-----	208	-----	127	68	-----
TOTAL	1,383	2,500	6,567	17,473	12,218	32,476	39,278	11,037	5,340	6,639	3,817	2,370
MEAN	44.6	83.3	212	572	421	1,048	1,309	356	178	214	123	79.0
MAX	68	797	1,000	4,560	1,090	5,470	6,830	781	441	651	389	310
MIN	36	41	84	176	273	323	436	201	111	116	68	40
CFSM	.23	.43	1.08	2.92	2.15	5.34	6.68	1.82	.91	1.09	.63	.40
IN.	.26	.47	1.25	3.37	2.32	6.16	7.45	2.09	1.01	1.26	.72	.45

CAL YR 1963: TOTAL 101,208 MEAN 277 MAX 4,750 MIN 32 CFSM 1.41 IN 19.20
 MAY 1964: TOTAL 141,568 MEAN 386 MAX 6,830 MIN 36 CFSM 1.97 IN 26.20

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	200	111	148	337	313	467	630	281	116	102	85	51
2	130	110	146	320	422	1,610	579	269	110	94	80	148
3	110	110	146	405	320	991	543	257	113	99	73	233
4	200	109	1,570	306	300	1,360	610	247	137	157	70	110
5	1,300	108	632	283	289	910	572	239	166	163	83	85
6	600	107	352	273	444	742	504	231	137	179	93	72
7	200	106	266	265	1,560	638	721	226	224	145	79	63
8	150	107	228	253	754	577	649	217	167	161	125	57
9	130	106	205	251	572	527	543	209	137	120	120	52
10	120	105	189	517	467	492	492	206	267	110	86	51
11	110	104	199	383	444	462	467	199	422	432	91	49
12	110	105	537	315	1,620	703	646	204	362	226	80	47
13	100	105	344	291	1,160	610	502	193	239	197	97	53
14	120	105	266	271	772	517	464	182	220	131	80	50
15	450	105	225	300	607	504	464	175	204	133	70	45
16	700	104	207	328	525	472	494	171	593	145	65	44
17	400	103	197	279	898	1,170	462	166	289	113	61	42
18	250	103	204	265	1,000	1,700	410	161	204	97	61	42
19	180	106	184	255	697	754	470	164	158	227	60	52
20	160	237	363	247	579	652	430	160	140	110	76	49
21	140	145	325	241	522	551	390	151	128	97	148	43
22	140	117	261	235	472	509	360	158	120	89	94	40
23	130	111	241	1,750	442	602	340	114	84	114	80	56
24	120	163	354	1,410	530	751	330	145	140	91	95	109
25	120	1,190	2,390	703	883	635	360	137	140	106	72	67
26	116	343	1,610	564	535	1,430	400	133	121	125	62	50
27	115	223	1,280	479	479	1,230	370	132	116	141	60	46
28	116	200	686	396	454	796	350	154	114	131	67	43
29	113	185	509	369	-----	781	320	172	116	237	65	42
30	112	160	424	350	-----	1,010	286	131	104	128	55	211
31	112	-----	374	315	-----	718	-----	121	-----	97	53	-----
TOTAL	7,054	5,093	15,062	12,923	18,080	24,871	14,158	5,751	5,618	4,474	2,486	2,102
MEAN	228	170	486	417	646	802	472	186	187	144	80.2	70.1
MAX	1,300	1,190	2,390	1,750	1,620	1,700	721	281	593	432	148	233
MIN	100	103	146	235	289	462	286	121	104	84	53	40
CFSM	1.16	.97	2.48	2.13	3.29	4.09	2.41	.95	.84	.74	.41	.36
IN.	1.34	.97	2.86	2.45	3.43	4.72	2.69	1.09	1.07	.85	.47	.40

CAL YR 1964: TOTAL 158,127 MEAN 432 MAX 6,830 MIN 40 CFSM 2.20 IN 30.00
 MAY 1965: TOTAL 117,672 MEAN 322 MAX 2,390 MIN 40 CFSM 1.64 IN 22.33

2-4185 Tallapoosa River below Tallassee, Ala

Location --Lat 32°21', long 85°53', in E₁ sec 30, T 18 N, R 22 E, on left bank, 1 5 miles downstream from Benjamin Fitzpatrick Highway bridge and Thurlow Dam at Tallassee and 3 5 miles upstream from Uphabee Creek

Drainage area --3,320 sq mi, approximately

Records available --July 1928 to September 1965

Gage --Water-stage recorder Datum of gage is 162 03 ft above mean sea level (levels by Alabama Power Co)

Average discharge --37 years, 4,745 cfs (unadjusted)

Extremes --Maximum and minimum discharges for water years 1961-65 are contained in the following table

Water year	Maximum			Minimum daily		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 25, 1961	128,000	50 4	Nov 6, 1960	72	-
1962	Apr 12, 1962	59,300	a 35 2	Oct 22, 1961	79	-
1963	May 1, 1963	37,600	b 30 0	Many days	80	-
1964	Apr 7, 1964	83,900	c 46 5	do	80	-
1965	Mar 28, 1965	16,100	17 07	do	76	-

a Occurred Apr 13, 1962

b Occurred May 2, 1963

c Occurred Apr 8, 1964

1928-65 Maximum discharge, 128,000 cfs Feb 25, 1961 (gage height, 50 4 ft) computed on basis of powerplant records and flow over spillway, maximum gage height, 51 35 ft (from flood-marks) Mar 15, 1929, minimum daily discharge, 10 cfs June 3, 1930, May 17, 1931

Remarks --Records fair Daily discharges above 8,000 cfs during water years 1961-64 and above 100 cfs during water year 1965 were computed on basis of powerplant records and flow over spillway Flow regulated by Lake Martin (see p 631, 633) and hydroelectric plants above station

Cooperation --Records collected by Alabama Power Co, under general supervision of Geological Survey, in connection with a Federal Power Commission project

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	103	5,180	6,760	117	300	19,300	48,300	9,100	5,270	4,810	3,960	1,560
2	75	5,120	5,930	1,010	2,770	14,700	19,300	8,780	5,460	100	3,500	600
3	5,070	5,480	112	5,960	781	11,800	16,500	8,600	311	3,530	2,020	680
4	5,810	5,540	78	4,290	209	8,420	14,100	6,250	126	100	118	4,040
5	5,920	96	6,250	2,590	106	6,100	10,900	6,010	4,900	2,710	127	4,450
6	5,810	72	6,000	1,550	4,170	7,950	8,070	5,910	6,000	4,580	116	4,920
7	5,610	5,420	6,100	93	831	16,800	8,210	5,600	5,300	2,720	116	5,540
8	122	5,590	6,410	90	1,970	20,500	8,430	4,920	5,550	1,930	3,260	5,490
9	89	5,600	5,870	2,230	921	17,200	8,670	5,770	5,360	101	5,770	198
10	5,610	5,580	113	2,210	94	17,000	8,230	5,400	178	3,190	4,600	112
11	5,590	5,660	82	2,020	90	14,300	8,340	6,180	105	3,150	3,330	5,050
12	5,670	109	5,780	681	90	8,140	11,100	5,930	3,400	2,780	379	5,340
13	5,900	75	5,830	1,720	544	8,680	16,600	5,740	3,460	4,000	102	5,210
14	5,640	5,580	5,710	927	92	8,950	16,300	100	4,100	6,150	3,270	5,730
15	111	5,810	5,880	102	90	9,150	16,300	5,830	4,520	6,930	3,360	5,650
16	75	5,410	5,700	1,620	90	9,310	16,500	6,550	4,670	7,120	3,160	168
17	5,740	6,090	109	1,540	699	9,110	12,500	6,450	2,570	4,080	4,340	98
18	4,940	5,780	87	318	4,760	9,420	10,300	4,750	130	4,290	3,550	5,430
19	5,220	124	6,340	1,110	5,070	8,840	7,120	5,350	5,430	4,260	158	5,210
20	5,500	96	5,530	1,950	9,970	9,280	8,680	1,180	5,680	4,310	91	5,830
21	5,640	5,430	6,000	344	7,990	9,300	8,770	160	5,760	3,650	2,860	5,900
22	111	6,050	5,920	105	5,110	9,060	8,780	5,160	7,300	3,680	3,470	5,700
23	79	5,780	5,760	3,400	4,650	8,680	7,510	5,690	6,480	140	3,070	4,980
24	5,420	109	132	420	13,800	8,450	7,080	6,850	7,530	3,920	4,140	1,390
25	5,250	5,790	90	2,820	102,000	9,140	5,760	6,630	7,390	3,770	4,010	5,990
26	5,330	5,520	90	782	91,700	8,820	5,950	6,530	6,750	2,280	151	5,280
27	4,930	100	3,060	2,460	34,900	8,370	7,090	5,940	6,300	3,050	155	4,600
28	5,170	5,640	3,850	105	22,200	6,660	9,830	272	6,240	1,900	3,540	5,160
29	92	6,070	5,320	98	-----	7,310	9,410	2,740	6,430	2,250	4,470	5,080
30	608	6,470	5,880	3,350	-----	5,510	9,860	157	6,280	100	3,920	139
31	5,380	-----	227	1,600	-----	27,200	-----	5,510	-----	3,060	5,560	-----
TOTAL	116,615	125,471	121,000	47,612	315,997	343,450	354,590	160,989	138,980	98,641	80,623	115,725
MEAN	3,762	4,182	3,903	1,536	11,290	11,080	11,820	5,193	4,633	3,182	2,601	3,451
MAX	5,920	6,470	6,760	5,960	102,000	102,000	27,200	9,100	7,530	7,120	5,770	5,990
MIN	75	72	78	90	90	5,510	5,760	100	105	100	91	98

CAL YR 1960: TOTAL 1,580,474 MEAN 4,318 MAX 32,900 MIN 72 MEANT 4,140 CFSMT 1 25 INT 16 97
 MAY YR 1961 TOTAL 2,019,493 MEAN 5,533 MAX 102,000 MIN 72 MEANT 5,657 CFSMT 1 70 INT 23 13

† Adjusted for change in contents in Lake Martin

2-4185 Tallapoosa River below Tallassee, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	85	3,950	5,510	9,030	8,680	10,400	9,790	7,760	2,940	80	4,940	373
2	5,320	4,240	139	9,750	8,680	10,400	9,900	6,360	157	3,760	3,970	80
3	4,820	3,980	80	8,650	8,650	9,990	9,030	5,950	80	3,940	3,390	570
4	4,360	118	5,400	9,680	8,380	9,860	8,270	5,180	4,940	132	138	6,000
5	4,280	80	5,700	8,490	8,680	9,860	9,120	4,760	4,300	2,810	80	5,850
6	5,720	4,270	5,270	9,200	8,360	9,760	9,060	150	4,730	4,250	2,640	4,350
7	139	3,160	4,700	9,740	8,630	9,420	9,580	4,780	4,610	888	4,230	4,260
8	87	3,900	5,710	9,740	7,920	9,050	7,300	4,960	3,790	151	3,730	5,730
9	5,160	3,740	390	9,410	9,070	8,640	8,270	5,230	160	5,620	2,510	344
10	5,370	4,180	6,290	8,510	8,200	8,950	8,920	4,610	80	5,790	1,960	5,640
11	5,550	109	8,110	8,880	8,630	9,650	9,510	3,780	4,220	5,720	126	6,310
12	5,200	80	10,700	8,420	8,570	10,500	37,400	223	4,730	6,220	80	5,520
13	5,280	4,290	11,100	8,260	8,300	10,500	43,800	80	5,400	3,680	2,560	5,030
14	124	4,720	8,350	8,570	8,360	10,400	21,500	4,770	4,840	119	3,780	3,770
15	84	4,680	12,400	8,650	8,610	10,500	15,500	4,960	5,470	80	2,860	3,770
16	5,060	4,720	14,600	8,480	8,650	10,400	12,700	4,640	160	3,480	2,450	80
17	5,500	4,680	13,900	8,470	8,310	10,100	12,100	80	3,200	2,250	6,080	80
18	4,860	118	30,900	8,680	1,320	9,860	9,620	4,720	3,460	1,120	1,980	5,470
19	5,480	80	42,900	9,520	5,650	9,930	9,480	536	2,640	3,050	318	5,520
20	5,400	5,500	22,900	9,780	5,410	9,700	9,400	80	2,910	2,210	3,020	5,720
21	122	4,850	17,300	9,030	5,640	9,580	8,980	4,830	3,240	320	2,470	5,400
22	110	5,110	8,730	7,970	9,430	8,850	8,850	2,870	5,250	80	2,310	165
23	5,180	3,560	12,600	8,860	10,400	9,060	8,970	2,370	532	5,320	2,710	80
24	5,070	5,380	11,900	8,900	10,500	8,880	8,850	2,830	80	4,730	2,020	3,640
25	5,610	154	11,600	8,680	10,500	8,880	8,780	1,600	2,120	1,370	80	5,410
26	5,240	80	10,700	9,200	10,400	8,640	8,680	136	2,600	948	231	5,800
27	5,420	5,210	9,760	9,230	10,400	8,900	8,760	80	1,750	1,840	2,370	4,490
28	287	5,450	9,470	9,230	10,400	8,650	6,570	2,340	1,450	1,030	3,190	5,570
29	91	5,320	9,520	9,780	-----	8,670	6,610	2,180	4,420	1,120	4,570	216
30	4,120	5,750	9,880	9,610	-----	8,550	8,480	2,930	142	3,380	5,650	80
31	4,440	-----	8,650	9,740	-----	9,500	-----	2,880	-----	2,670	5,520	-----
TOTAL	113,518	101,459	342,329	281,780	233,530	296,210	353,780	103,105	81,281	79,108	78,133	111,318
MEAN	3,662	3,382	11,040	9,090	8,340	9,555	11,790	3,326	2,709	2,552	2,520	3,711
MAX	5,720	5,750	42,900	9,780	10,500	10,500	43,800	7,760	5,470	6,220	5,650	6,310
MIN	79	80	80	8,260	1,320	8,480	6,570	80	80	80	80	80

CAL YR 1961: TOTAL 2,213,713 MEAN 6,045 MAX 102,000 MIN 79 MEANT 6,858 CFSMT 1.83 INT 24.80
 MAY YR 1962: TOTAL 2,175,551 MEAN 5,960 MAX 43,800 MIN 79 MEANT 5,883 CFSMT 1.77 INT 24.05

† Adjusted for change in contents in Lake Martin

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5,430	5,600	7,940	5,320	5,930	4,210	8,560	37,100	140	6,090	4,450	5,710
2	6,000	5,610	5,130	5,240	5,320	810	8,480	34,900	80	8,350	5,270	320
3	4,070	130	4,380	5,240	1,200	140	8,390	18,500	2,560	8,360	650	4,940
4	5,180	80	8,520	5,510	6,250	5,440	5,800	12,200	3,860	8,360	80	7,310
5	5,510	5,620	8,350	560	8,750	5,520	5,350	8,960	2,930	8,360	3,410	7,520
6	160	4,610	8,860	80	8,460	7,330	150	7,820	2,670	830	4,790	5,030
7	80	5,740	8,130	5,190	8,680	9,560	80	8,250	3,710	80	4,500	4,780
8	5,430	5,440	150	2,560	8,470	7,880	6,220	8,100	1,800	5,510	3,860	240
9	5,080	5,810	80	2,780	5,280	8,730	5,750	8,920	100	5,220	3,850	5,320
10	5,110	733	5,810	2,070	260	8,750	5,950	7,570	6,100	5,930	2,750	5,340
11	5,590	620	6,320	1,220	6,430	8,800	5,560	170	6,670	5,740	100	4,800
12	5,560	2,100	6,200	2,100	8,700	8,600	5,920	80	5,970	4,590	5,420	5,190
13	430	5,380	6,230	840	8,700	10,100	160	5,300	5,700	370	3,430	5,090
14	120	5,700	5,560	3,560	7,920	15,800	80	5,340	3,160	80	2,860	130
15	4,990	4,750	700	1,500	5,800	16,100	5,070	5,180	110	4,890	3,820	80
16	5,860	6,020	90	4,750	310	15,600	5,110	5,150	80	4,840	4,070	2,610
17	5,820	3,790	4,820	4,050	80	15,100	5,580	5,060	80	2,670	1,420	3,810
18	4,970	120	5,910	5,520	4,970	12,000	4,650	2,300	830	2,700	80	4,020
19	3,920	5,910	5,840	4,800	3,870	11,200	3,990	90	100	7,190	5,110	4,800
20	630	5,990	5,250	5,530	4,660	8,690	110	3,770	1,940	1,120	2,480	4,520
21	90	7,260	4,870	9,470	4,770	8,700	1,040	5,090	1,550	80	2,800	830
22	4,220	9,380	140	8,930	4,070	8,700	5,740	3,680	1,030	4,710	5,490	110
23	6,140	9,220	80	8,400	2,570	8,720	5,730	3,520	5,150	4,180	4,560	3,770
24	5,520	6,770	820	8,720	870	8,610	4,420	3,310	9,990	4,040	1,950	4,100
25	5,700	1,250	90	7,920	4,050	8,260	5,610	100	8,890	5,940	110	5,110
26	5,200	6,410	5,470	1,150	4,430	9,440	5,360	80	7,770	7,800	5,520	3,400
27	1,170	9,070	5,300	269	5,540	8,890	170	3,320	8,270	530	5,520	3,220
28	80	9,090	5,880	6,330	3,830	8,610	80	5,390	6,550	80	1,800	130
29	5,430	5,930	230	6,670	-----	8,760	6,770	5,250	2,390	3,380	2,420	80
30	5,060	8,930	1,030	8,660	-----	8,700	13,300	5,480	2,320	5,570	3,280	3,470
31	5,290	-----	5,160	6,640	-----	8,640	-----	5,250	-----	5,280	5,520	-----
TOTAL	123,840	153,083	129,790	139,579	136,170	276,390	139,180	225,230	103,500	132,870	101,370	103,780
MEAN	3,995	5,103	4,187	4,503	4,863	8,916	4,639	7,265	3,450	4,286	3,270	3,459
MAX	6,140	9,380	8,860	9,470	8,750	16,100	13,300	37,100	9,990	8,360	5,520	7,520
MIN	80	80	80	80	80	140	80	80	80	80	80	80

CAL YR 1962: TOTAL 2,024,958 MEAN 5,248 MAX 43,800 MIN 80 MEANT 5,033 CFSMT 1.52 INT 20.58
 MAY YR 1963: TOTAL 1,764,782 MEAN 4,835 MAX 37,100 MIN 80 MEANT 4,811 CFSMT 1.45 INT 19.67

† Adjusted for change in contents in Lake Martin

2-4185 Tallapoosa River below Tallassee, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,580	5,040	410	1,380	8,810	1,150	12,000	13,600	4,630	3,570	320	2,490
2	3,520	350	6,180	5,930	1,720	8,920	8,910	14,300	4,210	160	80	2,670
3	4,200	80	5,440	5,550	8,410	9,550	8,270	13,000	4,460	2,820	5,540	3,580
4	4,710	5,040	4,960	1,050	8,680	10,400	8,250	14,200	4,820	80	5,480	2,920
5	100	4,960	5,140	100	8,800	10,600	8,710	15,800	3,530	80	5,500	760
6	80	5,260	3,890	3,560	8,840	10,400	25,900	13,100	80	5,170	5,070	80
7	3,300	5,680	976	2,780	8,730	10,500	77,200	10,500	370	4,360	4,250	430
8	3,390	5,190	80	2,980	8,640	10,500	67,600	8,110	4,970	4,420	150	5,300
9	3,940	100	5,300	6,180	2,540	10,600	41,300	8,190	4,280	4,960	80	5,140
10	3,820	80	5,180	6,540	6,470	10,500	21,900	7,480	4,370	4,700	5,000	5,270
11	2,880	3,770	5,630	5,060	8,470	10,600	17,400	6,150	3,740	4,020	5,170	5,120
12	310	5,410	5,130	1,220	8,840	10,300	13,100	7,100	4,250	200	5,530	1,040
13	80	4,360	5,410	3,740	8,640	10,100	22,400	5,940	160	5,150	5,620	1,140
14	2,950	4,720	1,570	4,980	8,650	9,280	33,600	6,800	80	4,060	4,580	5,340
15	3,310	2,420	1,540	4,460	8,730	14,700	23,600	6,900	4,120	5,770	1,470	5,620
16	3,860	470	6,040	5,020	1,170	35,400	18,000	5,650	2,460	4,630	80	5,670
17	4,040	80	6,070	5,860	8,390	28,100	16,800	80	2,640	3,870	5,180	5,430
18	3,260	1,320	5,300	2,680	8,770	20,300	16,600	6,060	1,320	2,740	4,380	5,510
19	100	3,400	5,950	1,110	8,890	17,400	11,800	6,790	3,100	100	5,120	230
20	80	3,130	6,090	5,920	8,660	16,000	10,200	6,910	120	4,600	4,160	120
21	3,280	2,870	5,280	6,200	8,710	15,500	8,600	5,040	80	4,540	4,380	5,780
22	3,720	2,800	110	6,210	8,720	9,780	8,880	4,890	2,460	5,120	670	5,850
23	2,870	567	5,890	6,520	1,900	8,180	7,770	80	2,700	5,010	80	5,790
24	2,660	80	6,190	6,550	7,180	8,340	8,660	100	2,270	5,250	5,800	4,470
25	3,320	3,940	160	3,460	7,950	8,990	8,650	6,350	3,180	5,030	5,010	5,020
26	210	4,120	5,950	1,480	8,810	9,990	8,890	6,210	3,500	1,550	4,340	350
27	80	3,900	5,880	7,170	8,850	10,400	10,000	5,570	100	5,380	4,910	80
28	4,760	100	1,990	8,710	8,770	10,500	14,900	4,650	80	4,840	4,300	6,000
29	5,250	4,440	80	8,310	8,460	12,500	18,900	4,230	2,920	5,230	3,350	2,340
30	4,870	920	5,540	8,630	-----	15,400	7,700	80	2,740	2,800	80	6,230
31	5,280	-----	6,020	8,620	-----	13,100	-----	80	-----	3,780	3,580	-----
TOTAL	85,810	84,617	129,376	140,560	220,220	386,380	576,380	213,940	78,440	117,990	109,280	109,790
MEAN	2,768	2,822	4,173	4,360	7,270	12,445	18,210	6,901	2,415	3,606	3,170	3,300
MAX	5,280	5,680	6,190	8,820	8,890	35,400	77,200	15,800	4,970	5,770	5,800	4,560
MIN	80	80	80	100	1,170	1,150	7,770	80	80	80	80	80

CAL YR 1963: TOTAL 1,657,872 MEAN 4,542 MAX 37,100 MIN 80 MEANT 4,583 CFSMT 1.38 INT 18.74
 WAT YR 1964: TOTAL 2,260,783 MEAN 6,177 MAX 77,200 MIN 80 MEANT 6,293 CFSMT 1.90 INT 25.80

† Adjusted for change in contents in Lake Martin

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,820	77	8,390	8,270	6,430	8,190	11,500	76	3,730	3,140	76	2,290
2	2,620	5,480	8,440	8,450	8,180	9,020	11,000	76	1,670	3,100	4,370	2,150
3	4,250	5,440	8,310	8,310	8,470	8,640	8,900	4,660	2,270	106	4,450	2,340
4	4,630	5,600	8,430	7,610	8,360	9,260	8,690	3,810	2,090	101	2,380	5,510
5	4,600	5,570	8,070	8,290	8,350	8,480	8,140	3,830	76	2,050	3,050	76
6	5,360	5,480	77	8,260	8,400	8,650	9,220	3,730	76	3,000	4,430	1,810
7	4,960	5,110	6,230	8,360	9,260	9,260	9,260	3,660	3,740	6,380	3,170	5,300
8	4,920	77	7,610	7,060	8,280	8,390	9,470	76	3,550	6,570	2,820	5,510
9	5,020	5,340	8,370	7,460	8,680	8,310	9,870	76	4,040	5,520	3,020	4,590
10	4,790	5,590	8,400	77	8,140	8,090	9,890	4,070	5,210	3,110	2,250	5,000
11	77	5,520	8,170	6,400	8,430	8,220	9,720	3,790	4,590	76	2,430	4,480
12	4,860	5,390	8,240	8,490	9,140	8,550	9,130	4,390	76	4,360	2,400	76
13	5,460	5,420	1,000	8,170	8,890	9,350	8,490	3,840	76	5,020	3,780	4,820
14	5,540	5,390	8,430	8,470	9,280	9,120	8,310	3,070	6,440	4,900	3,510	4,870
15	6,070	77	8,590	8,230	9,240	8,470	8,170	76	5,550	4,920	2,060	5,600
16	5,340	5,780	8,420	7,350	9,250	8,720	8,210	76	5,730	5,090	3,950	5,330
17	5,540	5,260	8,460	77	9,410	8,720	8,160	4,120	8,230	4,850	5,310	4,880
18	77	5,760	8,290	7,130	9,140	9,090	8,210	3,360	8,380	76	3,740	93
19	4,850	5,060	8,490	8,420	9,190	9,230	6,930	2,990	7,340	4,170	3,290	76
20	5,830	5,130	197	8,460	8,440	9,220	8,360	3,250	76	3,030	3,460	4,850
21	5,410	5,660	8,510	8,360	8,410	9,160	8,350	2,550	4,860	3,020	4,520	4,810
22	5,300	77	8,300	8,250	8,370	9,210	7,770	76	1,960	3,260	1,290	4,180
23	5,440	4,900	8,020	9,150	8,270	9,220	5,050	76	2,500	3,040	4,710	4,700
24	5,450	5,370	4,030	8,980	8,240	9,240	4,980	2,530	1,920	4,380	3,410	5,800
25	77	6,400	5,800	8,440	8,350	9,350	4,980	3,130	2,350	76	3,250	76
26	5,620	5,640	6,970	7,970	8,520	9,800	5,540	3,010	76	4,400	2,100	76
27	5,600	5,720	1,350	8,260	8,500	13,500	4,860	3,880	415	4,430	1,340	4,720
28	5,010	5,650	7,230	8,240	8,390	15,000	5,270	3,580	5,040	4,190	76	3,330
29	5,480	77	8,490	700	-----	11,800	6,430	76	3,960	4,610	76	3,840
30	5,430	6,320	8,360	7,610	-----	11,600	5,740	76	3,310	4,520	1,700	5,730
31	5,260	-----	8,030	1,030	-----	11,600	-----	3,330	-----	76	2,820	-----
TOTAL	147,691	138,365	215,644	227,334	239,970	294,610	238,600	75,340	99,331	105,571	89,238	105,893
MEAN	4,764	4,612	6,956	7,323	8,770	9,504	7,953	2,430	3,311	3,406	2,870	3,520
MAX	6,630	6,600	8,590	9,150	9,410	15,000	11,500	4,660	6,380	6,570	5,310	5,730
MIN	77	77	77	77	6,430	8,090	4,860	76	76	76	76	76

CAL YR 1964: TOTAL 2,462,680 MEAN 6,729 MAX 77,200 MIN 77 MEANT 6,618 CFSMT 1.99 INT 27.13
 WAT YR 1965: TOTAL 1,977,587 MEAN 5,418 MAX 15,000 MIN 76 MEANT 5,321 CFSMT 1.60 INT 21.75

† Adjusted for change in contents in Lake Martin

2-4190 Uphabee 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, 1 1/2 miles upstream from bridge on Western Railway of Alabama, and 4 miles north of Tuskegee

Drainage area --330 sq mi

Records available --October 1939 to September 1965

Gage --Digital water-stage recorder Datum of gage is 223.65 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 Prior to Feb 17, 1964, graphic water-stage recorder at same site and datum

Average discharge --26 years (1939-65), 440 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (5,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	2100	7,720	15 60	Jan 21, 1963	0400	* 6,340	14 12	May 3, 1964	0300	5,560	13 20
Feb 25, 1961	0630	* 25,500	25 82	Mar 6, 1963	2200	5,080	12 62				
Apr 1, 1961	1500	10,200	18 14					Feb 18, 1965	2330	5,390	12 50
				Apr 9, 1964	0400	* 32,200	28 18	Mar 19, 1965	0515	* 6,030	13 39
Apr 1, 1962	2030	* 6,700	14 53	Apr 15, 1964	0500	7,280	15 13				
Apr 13, 1962	1350	5,810	13 50	Apr 28, 1964	0700	13,800	21 20				

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 7-11, 1960	18	1 89	1964	Oct 21, 1963	a 17	-
1962	Oct 18, 1961	8 5	1 59	1965	Aug 31, Sept 23, 1965	a 37	-
1963	Oct 20, 21, 1962	10	1 62				

a Minimum daily

1939-65 Maximum discharge, 32,200 cfs Apr 9, 1964 (gage height, 28.18 ft), minimum daily,

0.8 cfs Sept 14, 1954

Flood in March 1929 reached a stage about 1 ft higher than that of Apr 9, 1964

Remarks --Records fair Occasional diurnal fluctuation of low flow caused by small powerplants above station

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	82	22	35	182	126	1,330	8,910	601	120	182	67	213
2	60	24	34	184	121	1,130	4,120	1,750	109	149	60	161
3	50	23	33	129	206	973	1,800	2,280	95	129	56	134
4	47	22	32	100	258	825	1,310	1,120	84	114	57	95
5	45	21	34	87	211	726	1,090	553	72	100	55	82
6	49	20	32	79	180	731	882	438	68	85	51	82
7	68	18	32	75	211	1,510	803	456	59	79	51	89
8	116	18	33	73	256	1,250	708	475	57	149	67	106
9	73	18	34	69	233	1,380	822	394	53	163	178	75
10	55	18	34	65	192	922	1,070	374	48	109	109	71
11	45	18	35	62	170	669	981	366	48	190	78	67
12	39	19	36	60	151	550	1,980	400	44	953	65	62
13	35	20	37	63	139	557	2,930	371	149	1,420	67	59
14	31	22	37	132	134	625	2,770	310	115	2,790	63	92
15	28	22	42	156	135	546	1,480	268	84	2,360	64	120
16	41	22	47	129	126	444	1,760	246	135	904	56	91
17	28	28	53	129	124	391	1,730	205	123	400	51	60
18	25	29	46	135	1,060	547	1,140	180	105	307	46	51
19	24	39	42	103	2,680	768	810	163	82	258	43	45
20	24	43	41	123	6,920	694	672	146	163	226	42	44
21	23	35	50	140	5,980	511	577	140	1,080	607	37	42
22	25	31	63	127	2,920	435	510	129	1,280	374	36	40
23	23	34	60	115	3,240	368	466	135	1,180	307	35	36
24	23	42	53	105	5,550	317	435	168	666	240	119	35
25	22	51	51	106	18,600	284	402	213	310	178	118	35
26	22	41	49	140	11,200	260	525	363	294	149	125	31
27	21	35	46	228	3,380	240	1,180	567	494	126	124	28
28	20	33	44	235	1,830	268	2,210	447	459	109	92	27
29	19	33	46	190	-----	344	1,750	235	287	95	68	26
30	19	33	59	150	-----	355	646	176	222	88	65	24
31	21	-----	97	140	-----	4,720	-----	144	-----	74	211	-----
TOTAL	1,203	834	1,365	3,821	66,333	24,670	46,469	13,813	8,085	13,414	2,356	2,123
MEAN	38.8	27.8	44.0	123	2,139	796	1,549	445	270	433	76.0	70.8
MAX	116	51	97	235	18,600	4,720	8,910	2,280	1,280	2,790	211	213
MIN	19	18	32	60	121	240	402	129	44	74	35	24
CFSM	.12	.08	.13	.37	7.18	2.41	4.69	1.35	.82	1.31	.23	.21
IN.	.14	.09	.15	.43	7.48	2.78	5.24	1.56	.91	1.51	.27	.24

CAL YR 1960: TOTAL 165,132 MEAN 451 MAX 5,980 MIN 12 CFSM 1.37 IN 18.61
WAT YR 1961: TOTAL 184,486 MEAN 505 MAX 18,600 MIN 18 CFSM 1.53 IN 20.79

Note --Doubtful gage-height record Feb 18-22

2-4190 Uphabee Creek near Tuskegee, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	19	13	33	310	591	741	5,460	517	125	28	135	18
2	17	13	32	333	526	1,050	3,890	400	98	24	116	17
3	15	14	34	302	492	1,400	1,930	300	71	22	86	17
4	14	17	33	272	456	1,460	1,040	270	58	38	68	17
5	14	18	34	313	453	1,020	886	240	63	58	51	17
6	16	25	38	2,010	432	762	916	210	72	80	44	18
7	14	27	46	2,310	394	626	1,180	192	56	78	41	18
8	17	25	52	2,060	360	563	1,190	174	48	159	48	21
9	21	25	49	1,040	352	594	901	158	110	84	50	20
10	13	20	394	723	344	997	690	142	93	53	43	20
11	15	20	712	592	317	2,620	678	135	108	39	33	20
12	22	22	1,680	520	292	3,380	2,420	124	118	30	27	28
13	14	22	2,350	472	292	2,950	4,800	109	108	26	29	25
14	11	20	2,090	435	290	1,740	2,780	105	78	27	113	23
15	12	25	3,410	426	284	1,200	1,310	95	59	24	118	24
16	16	28	3,450	484	344	1,120	920	84	49	45	74	24
17	18	28	2,650	459	507	894	82	43	52	179	50	55
18	10	25	2,070	400	405	715	687	74	37	156	35	54
19	12	26	1,640	989	640	633	619	69	32	120	29	35
20	12	25	1,190	1,730	1,020	591	553	72	34	59	26	27
21	11	24	817	2,140	905	577	491	69	39	42	24	25
22	12	24	636	1,280	2,140	626	432	60	42	31	27	18
23	15	52	567	886	3,120	540	414	57	35	28	35	17
24	12	68	504	1,220	3,010	478	388	53	28	24	30	17
25	13	60	453	1,310	1,980	643	380	49	34	24	43	16
26	12	45	402	962	1,650	1,150	385	48	30	30	30	16
27	40	374	777	997	1,070	364	44	46	44	46	24	16
28	12	35	368	1,000	814	932	408	43	55	39	22	16
29	13	33	352	1,300	-----	608	803	40	43	137	22	16
30	13	33	310	1,070	-----	500	837	49	35	352	20	16
31	13	-----	290	690	-----	1,370	-----	85	-----	210	18	-----
TOTAL	423	852	27,060	28,815	23,407	33,550	38,530	4,149	1,863	2,292	1,511	671
MEAN	13.6	28.4	873	930	756	1,082	1,284	134	62.1	75.9	48.7	22.4
MAX	21	68	3,450	2,310	3,120	3,380	5,460	517	125	352	135	55
MIN	10	13	32	272	284	478	360	40	28	22	18	16
CFSM	.04	.09	2.65	2.82	2.53	3.28	3.89	.41	.19	.22	.15	.07
IN.	.05	.10	3.05	3.25	2.64	3.78	4.34	.47	.21	.26	.17	.08

CAL YR 1961: TOTAL 209,419 MEAN 574 MAX 18,600 MIN 10 CFSM 1.74 IN 23.60
 MAY 1962: TOTAL 163,123 MEAN 447 MAX 5,460 MIN 10 CFSM 1.35 IN 18.38

Note --Doubtful gage-height record Mar 31 to Apr 3, Apr 12-14

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	16	12	109	472	958	417	302	475	38	44	40	28
2	17	11	100	341	755	469	284	258	32	40	35	26
3	30	11	93	290	1,050	426	158	368	38	36	34	25
4	23	12	92	265	989	548	258	123	25	35	30	24
5	19	12	93	246	932	1,050	235	102	24	30	27	73
6	17	11	91	242	636	3,890	260	91	24	28	25	38
7	16	11	82	235	243	3,960	361	89	22	33	25	29
8	16	12	83	224	469	2,510	397	79	22	43	24	26
9	18	32	79	207	423	1,200	297	69	20	56	28	24
10	18	28	73	196	397	856	249	62	20	54	28	23
11	22	31	72	250	978	741	231	57	20	35	25	22
12	22	27	69	726	1,570	759	226	54	18	29	24	20
13	17	24	68	694	1,750	897	217	50	17	26	23	18
14	17	22	69	530	1,060	916	194	50	17	24	60	20
15	16	20	69	360	690	781	167	53	14	24	91	21
16	14	19	88	307	563	622	152	50	16	23	59	25
17	12	18	115	287	494	553	146	46	16	84	50	25
18	11	17	103	1,500	469	550	134	42	18	299	55	21
19	11	17	89	1,660	916	530	127	38	23	204	43	20
20	10	90	84	3,270	1,070	694	124	37	60	99	108	18
21	13	150	80	5,100	905	766	126	38	116	72	182	18
22	18	250	95	3,490	605	553	126	36	151	65	124	18
23	22	540	114	1,860	497	429	118	33	196	51	71	16
24	20	400	125	1,160	553	385	106	31	214	81	54	15
25	16	250	424	856	644	368	98	28	129	86	43	14
26	14	180	536	712	563	475	99	31	79	78	38	14
27	14	149	453	630	453	654	99	31	59	57	35	20
28	13	131	300	536	402	630	99	37	97	50	33	93
29	13	126	617	453	-----	432	102	50	69	56	32	140
30	13	120	672	705	-----	360	434	57	52	65	31	110
31	12	-----	741	943	-----	325	-----	46	-----	50	34	-----
TOTAL	510	2,733	5,878	28,751	21,334	27,746	6,058	2,401	1,636	1,957	1,511	985
MEAN	16.5	91.1	190	927	762	895	202	77.5	54.5	63.1	48.7	32.8
MAX	30	540	741	5,100	1,750	3,960	434	475	214	299	182	140
MIN	10	11	68	196	397	325	98	28	14	23	14	14
CFSM	.05	.28	.57	2.81	2.31	2.71	.61	.23	.17	.19	.15	.10
IN.	.06	.31	.66	3.24	2.40	3.13	.68	.27	.18	.22	.17	.11

CAL YR 1962: TOTAL 163,909 MEAN 394 MAX 5,460 MIN 10 CFSM 1.17 IN 16.22
 MAY 1963: TOTAL 101,500 MEAN 278 MAX 5,100 MIN 10 CFSM .84 IN 11.44

2-4190 Uphapee Creek near Tuskegee, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	57	25	308	676	700	799	394	1,250	131	102	114	53
2	42	26	170	829	800	1,460	382	2,280	126	109	115	47
3	35	25	136	619	600	2,810	360	5,690	126	249	103	42
4	30	23	453	500	3,750	360	3,180	127	300	89	42	
5	29	23	99	388	450	2,970	352	1,650	116	304	93	39
6	27	29	92	479	600	2,620	3,310	1,100	112	256	130	36
7	24	35	86	1,100	900	1,950	8,200	837	109	154	205	34
8	23	32	92	1,300	700	1,180	21,700	759	108	106	308	33
9	22	25	95	2,570	620	943	23,500	612	106	105	175	31
10	22	25	87	2,750	580	916	5,150	570	103	98	121	31
11	22	24	82	2,820	520	840	2,350	533	103	95	171	31
12	22	23	425	1,520	560	733	1,600	533	182	244	621	96
13	22	22	726	929	480	612	1,900	905	176	426	833	260
14	20	22	1,120	705	1,000	683	6,080	818	92	426	1,130	247
15	19	22	1,190	594	1,600	1,540	6,360	543	62	363	803	122
16	18	22	1,160	550	1,500	2,100	3,190	417	51	744	295	80
17	18	23	715	1,110	1,700	1,800	1,480	355	46	202	263	64
18	20	23	441	1,810	2,600	1,120	905	302	45	200	228	54
19	19	24	360	1,780	3,690	814	829	277	40	297	180	46
20	18	25	307	1,760	2,590	871	792	272	38	228	144	45
21	17	25	284	1,450	1,300	799	755	317	56	209	126	43
22	18	24	268	1,480	867	665	755	310	54	284	126	41
23	18	27	287	900	748	577	701	263	57	469	146	36
24	20	30	328	700	577	510	630	231	65	523	147	35
25	23	32	307	2,000	683	567	543	215	263	507	124	31
26	23	40	275	2,500	799	792	619	226	256	330	103	28
27	22	93	249	1,600	867	852	6,640	222	284	277	89	27
28	21	169	226	1,000	1,100	683	12,100	200	297	217	78	27
29	20	517	209	700	1,140	543	4,680	200	249	152	67	27
30	19	466	192	600	-----	472	1,900	184	131	142	64	88
31	20	-----	331	560	-----	417	-----	149	-----	118	57	-----
TOTAL	730	1,921	10,761	38,242	30,771	37,388	118,517	25,400	3,711	7,736	7,248	1,816
MEAN	23.5	64.0	347	1,234	1,061	1,206	3,951	819	124	250	234	60.5
MAX	57	517	1,190	2,820	3,690	3,750	23,500	5,690	297	523	1,130	260
MIN	17	22	82	450	417	352	169	98	57	57	27	27
CFSM	.07	.19	1.05	3.74	3.22	3.65	12.0	2.48	.37	.76	.71	18
IN.	.08	.22	1.21	4.31	3.47	4.21	13.4	2.86	.42	.87	.82	.20

CAL YR 1963: TOTAL 105,791
WAT YR 1964: TOTAL 264,241

MEAN 290
MEAN 777

MAX 5,100
MAX 23,500

MIN 14
MIN 17

CFSM .88
CFSM 2.35

IN 11.22
IN 32.05

Note --No gage-height record Oct 18 to Nov 10, Apr 10 to May 20

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	300	139	315	622	510	573	762	156	49	153	150	44
2	146	135	275	588	574	1,030	687	147	45	154	137	95
3	98	132	258	616	577	1,240	644	140	43	122	105	194
4	169	132	307	612	478	1,560	669	130	44	115	86	139
5	1,310	129	408	513	426	1,240	672	118	51	163	78	86
6	2,710	123	374	459	699	990	614	111	54	184	73	67
7	1,900	121	302	432	1,990	811	534	105	67	179	72	57
8	658	118	260	405	2,360	698	499	101	94	185	78	52
9	388	118	242	388	1,720	625	469	96	136	152	162	53
10	310	116	231	374	1,020	579	433	90	157	123	206	55
11	258	116	224	360	840	535	412	84	158	108	117	50
12	215	116	307	333	1,380	1,440	393	80	166	100	94	46
13	192	108	432	312	1,750	2,700	378	76	225	93	136	43
14	192	109	382	300	2,040	2,590	343	72	3,040	98	115	42
15	317	109	292	302	1,580	1,260	306	68	3,060	103	92	41
16	697	110	256	374	1,190	868	332	66	1,670	96	78	40
17	886	109	237	408	2,550	1,430	321	64	1,210	94	70	39
18	568	106	258	338	4,650	4,550	277	61	1,010	86	66	39
19	352	106	307	297	4,020	4,460	279	59	567	77	61	39
20	280	168	336	277	1,960	1,880	548	57	404	69	57	40
21	251	209	346	268	1,170	1,050	387	55	314	65	58	38
22	226	172	357	258	937	844	305	54	258	66	60	38
23	209	137	310	2,340	805	1,010	265	58	219	61	57	37
24	194	194	381	3,170	741	1,240	240	64	192	89	59	51
25	182	658	2,100	3,330	767	1,480	220	60	236	147	52	47
26	172	730	1,730	1,920	780	1,480	203	55	270	201	47	44
27	168	562	2,250	1,060	628	2,290	227	52	213	111	43	42
28	165	405	1,920	814	565	2,640	231	51	171	132	41	41
29	158	459	1,680	483	-----	1,480	191	52	146	417	39	41
30	154	420	814	616	-----	1,020	167	64	143	395	38	267
31	151	-----	676	563	-----	875	-----	55	-----	204	37	-----
TOTAL	13,976	6,362	18,567	23,332	38,707	46,468	12,008	2,501	14,412	4,312	2,564	1,907
MEAN	451	212	599	753	1,382	1,498	407	80.7	468	139	82.7	63.6
MAX	2,710	730	2,250	3,330	4,650	4,550	762	156	3,060	417	206	267
MIN	98	106	224	258	426	535	167	51	43	61	37	37
CFSM	1.37	.64	1.81	2.28	4.19	4.54	1.21	.24	1.46	.42	.25	.19
IN.	1.58	.72	2.09	2.63	4.36	5.24	1.35	.28	1.62	.49	.29	.21

CAL YR 1964: TOTAL 309,734
WAT YR 1965: TOTAL 185,116

MEAN 846
MEAN 507

MAX 23,500
MAX 4,650

MIN 27
MIN 37

CFSM 2.56
CFSM 1.54

IN 34.91
IN 20.86

2-4200 Alabama River near Montgomery, Ala

Location --Lat 32°24'42", long 86°24'32", in NW¹ 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

Records available --January 1899 to December 1903 (gage heights only), October 1927 to September 1965 Published as "at Montgomery" 1899-1903 Gage-height records collected at Montgomery since December 1890 are contained in reports of U S Weather Bureau

Gage --Water-stage recorder Datum of gage is 97 90 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark) January 1899 to December 1903, staff gage at site 9 3 miles upstream at different datum Since March 27, 1951, U S Weather Bureau staff gage used as an auxiliary gage

Average discharge --38 years (1927-65), 23,460 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 26, 1961	283,000	60 6	Oct 31, 1960	5,270	0 60
1962	Dec 20, 1961	149,000	50 76	Oct 23, 1961	5,130	80
1963	May 4, 1963	94,300	35 44	Sept 8, 1963	4,740	52
1964	Apr 10, 1964	179,000	54 67	Nov 19, 1963	4,750	49
1965	Feb 14, 1965	79,000	29 95	Sept 3, 1965	5,560	97

1927-65 Maximum discharge, 283,000 cfs Feb 26, 1961, maximum stage, 60 65 ft Feb 27, 1961, minimum discharge, 2,180 cfs Nov 24, 1941, minimum daily, 2,420 cfs Nov 24, 1941, minimum gage height, -2 2 ft Sept 26, 1954

Maximum stage known, 62 7 ft Apr 1, 1886, from floodmarks (discharge, 322,000 cfs, from rating curve extended above 275,000 cfs) Flood of Mar 30, 1888, reached a stage of 60 6 ft, from floodmarks, 283,000 cfs, reversed) Elevation of floodmarks of both floods referred to U S Weather Bureau gage 9 3 miles upstream and transferred to present site by gage-height relation curve

Remarks --Records good prior to Oct 1, 1963, and fair thereafter Flow regulated by Allatoona Reservoir, Lake Martin, and Coosa River reservoirs (see p 630-633)

Cooperation --Records collected by Alabama Power Co, under general supervision of Geological Survey, in connection with a Federal Power Commission project

Revisions (water years) --WSP 1142 1929

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	16,600	8,560	11,900	15,300	10,800	194,000	91,200	39,600	13,000	34,500	10,400	38,000
2	10,600	10,400	12,100	9,690	7,930	155,000	106,000	37,000	14,300	28,300	12,100	40,200
3	8,020	10,400	13,400	15,300	9,640	135,000	108,000	36,700	13,200	22,000	12,100	28,000
4	10,600	9,300	11,100	17,100	12,300	121,000	100,000	34,000	8,740	16,300	11,500	19,200
5	14,800	9,870	7,670	16,100	11,300	110,000	86,100	29,400	7,670	13,600	10,300	14,600
6	15,100	8,600	8,740	17,100	13,000	101,000	67,200	27,000	8,740	13,400	8,380	14,600
7	17,900	6,490	11,000	17,400	15,100	98,290	47,200	25,900	11,000	16,300	8,380	13,900
8	21,500	7,840	10,800	15,800	16,800	105,000	36,400	21,200	12,300	15,100	9,870	14,800
9	18,900	8,560	13,200	14,100	19,200	108,000	35,100	22,600	14,100	14,300	10,800	15,100
10	14,800	8,560	12,100	13,400	19,400	104,000	35,600	17,900	13,200	14,600	13,000	10,600
11	16,800	9,110	9,000	10,800	18,400	98,000	36,400	19,700	11,000	12,300	14,800	8,740
12	18,900	11,900	7,960	8,020	16,800	91,800	42,900	22,300	8,560	15,800	13,400	8,740
13	17,900	9,540	17,000	6,820	13,200	84,400	59,100	22,300	9,870	18,600	11,700	9,490
14	17,600	6,820	21,800	7,670	13,900	76,600	68,000	20,000	14,100	22,000	9,870	9,300
15	16,600	8,250	16,100	10,200	14,200	69,200	72,600	15,600	16,600	26,700	8,200	10,400
16	11,300	11,200	18,600	9,170	12,400	61,600	75,800	15,300	18,600	31,800	8,920	10,800
17	6,990	10,800	18,100	10,100	11,700	54,900	74,200	16,600	20,500	31,600	8,380	9,110
18	8,710	10,100	13,900	13,600	14,600	52,700	66,900	14,800	19,700	28,300	8,920	6,990
19	11,500	10,400	8,020	12,700	35,700	59,200	51,800	16,300	14,300	23,600	9,300	8,920
20	10,100	8,740	11,900	13,600	74,200	59,700	34,800	16,600	15,300	20,700	8,560	11,200
21	9,680	6,820	14,600	14,800	98,100	55,200	27,800	13,400	24,100	20,500	7,160	11,200
22	10,800	7,160	16,800	14,100	117,000	50,400	28,000	12,100	24,900	20,500	7,500	11,000
23	9,240	9,110	19,700	12,300	137,000	47,200	27,200	12,700	25,400	22,000	8,200	11,900
24	6,990	12,500	19,200	12,500	161,000	45,000	25,900	17,100	25,200	18,600	8,560	10,600
25	10,100	9,590	17,100	12,500	209,000	42,400	25,400	19,700	27,200	13,000	9,680	9,490
26	11,500	10,600	12,700	12,700	273,000	39,900	24,400	19,700	27,200	14,800	9,870	9,490
27	11,700	12,500	12,700	14,100	275,000	38,100	27,000	20,000	37,500	14,300	8,920	9,680
28	10,800	9,870	12,500	15,300	240,000	36,700	34,200	19,200	46,900	14,300	7,670	9,110
29	10,800	9,490	12,100	16,600	-----	36,600	39,900	13,900	45,000	13,400	8,200	9,300
30	8,940	11,900	14,100	13,000	-----	40,500	41,800	12,300	40,200	12,500	8,740	9,110
31	6,490	-----	15,800	11,000	-----	54,900	-----	11,700	-----	9,300	13,200	-----
TOTAL	392,260	284,580	421,690	402,870	1,870,774	2,428,274	1,596,974	642,600	588,380	593,000	306,580	403,570
MEAN	12,650	9,486	13,600	13,000	56,810	78,330	51,230	20,730	19,610	19,130	9,890	13,450
MAX	21,500	12,500	21,800	17,400	275,000	194,000	108,000	39,600	46,900	34,500	14,800	40,200
MIN	6,490	6,490	7,670	6,820	7,930	36,700	24,400	11,700	7,670	9,300	7,160	6,990

CAL YR 1960: TOTAL 6,962,140 MEAN 19,020 MAX 83,500 MIN 5,000
 MAY YR 1961: TOTAL 9,931,300 MEAN 27,210 MAX 275,000 MIN 6,490

M Expressed in thousands

2-4200 Alabama River near Montgomery, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8,150	6,540	11,600	50,900	74,700	68,200	48,800	29,500	13,000	9,590	8,150	7,480
2	7,000	6,690	9,970	50,100	71,300	61,700	59,300	24,000	12,800	7,320	7,980	7,980
3	7,320	6,690	7,640	49,000	68,000	59,300	62,000	22,700	9,780	7,320	8,150	6,240
4	8,670	7,000	6,390	47,100	63,900	56,900	56,600	23,000	9,030	8,670	9,030	5,810
5	9,590	7,160	6,540	46,300	58,800	53,900	47,700	20,400	10,800	8,320	7,810	7,320
6	8,670	6,090	7,640	51,700	53,600	50,900	44,200	20,400	14,000	8,850	6,390	8,150
7	8,850	6,090	7,640	62,500	49,600	45,800	49,300	18,600	15,200	14,700	6,390	7,000
8	8,320	6,690	9,670	67,400	46,300	39,400	53,100	18,800	15,700	19,400	6,690	6,390
9	6,690	6,690	14,400	66,600	43,900	35,500	49,600	19,600	15,200	19,600	7,160	5,810
10	7,980	6,540	32,600	62,800	42,800	34,400	42,000	18,300	12,800	22,000	7,320	7,810
11	9,400	6,540	54,400	55,800	38,300	40,900	36,800	16,200	11,000	24,000	8,320	7,320
12	9,030	6,710	66,000	47,700	34,400	54,200	57,700	16,800	12,300	17,800	7,000	8,150
13	9,030	5,810	95,700	40,900	31,000	63,900	95,500	14,700	16,800	16,200	6,240	8,150
14	8,850	6,090	111,000	38,300	29,800	65,500	111,000	13,500	15,700	14,200	7,000	8,150
15	7,640	7,480	120,000	36,000	28,400	62,500	117,000	14,700	15,000	9,590	10,200	9,970
16	6,240	7,160	124,000	36,000	27,900	58,500	115,000	14,200	16,000	7,810	9,400	11,200
17	6,690	7,000	122,000	34,700	27,400	53,400	107,000	14,200	12,300	8,320	9,400	11,200
18	7,640	7,160	126,000	33,600	27,700	47,100	98,200	13,500	9,400	9,210	9,400	13,700
19	7,320	6,840	140,000	43,400	29,300	39,900	88,100	12,500	10,400	9,400	8,320	14,200
20	7,320	5,950	147,000	64,000	26,100	36,500	78,000	11,400	12,100	9,590	7,480	11,900
21	7,480	6,690	145,000	69,600	27,400	35,200	68,200	9,590	11,900	9,970	6,840	12,500
22	7,000	8,320	134,000	66,300	32,400	34,400	58,200	9,970	11,900	8,850	7,000	11,400
23	5,670	8,320	121,000	58,500	63,200	33,100	47,700	9,970	12,300	8,150	6,240	8,320
24	6,390	9,210	114,000	53,900	87,000	30,500	40,400	10,400	9,780	9,030	6,390	6,540
25	7,160	9,210	104,000	52,800	95,700	32,100	34,700	11,000	8,850	10,800	6,540	6,540
26	7,640	7,320	94,000	49,300	94,000	32,900	32,600	10,800	8,670	9,780	7,000	9,030
27	7,810	6,390	83,900	47,400	87,000	35,000	31,000	9,590	9,590	10,200	6,090	8,670
28	7,640	9,230	75,500	56,000	78,600	36,000	29,300	8,320	9,970	9,500	6,090	7,810
29	7,160	14,000	69,100	70,500	-----	36,000	31,000	7,980	9,210	8,490	7,000	8,670
30	6,090	13,200	63,100	76,900	-----	35,500	31,800	9,400	9,780	7,480	7,160	8,150
31	6,240	-----	56,000	76,900	-----	37,800	-----	11,200	-----	8,490	7,320	-----
TOTAL	236,680	224,810	2,279,88	1,663,38	1,434,58	1,406,98	1,822,08	465,220	361,260	352,720	231,500	261,560
MEAN	7,635	7,494	73,540	53,650	51,230	45,380	60,730	15,019	12,040	11,360	7,419	8,150
MAX	9,590	14,000	147,000	76,900	95,700	117,000	117,000	29,500	16,800	24,000	10,200	14,200
MIN	5,670	5,810	6,390	33,600	25,300	30,500	29,500	7,980	8,670	7,320	6,090	5,810

CAL YR 1961: TOTAL 11,574,050 MEAN 31,710 MAX 275,000 MIN 5,670
 WAT YR 1962: TOTAL 10,740,240 MEAN 29,430 MAX 147,000 MIN 5,670

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6,540	8,320	22,200	21,700	34,200	18,800	35,000	60,100	21,700	24,800	18,300	7,320
2	7,320	8,850	19,400	22,700	36,800	19,100	31,000	83,100	17,800	24,600	20,100	6,090
3	9,660	8,320	13,700	22,500	37,800	18,600	29,300	16,500	12,300	16,500	20,100	7,160
4	19,100	8,150	15,200	22,000	49,000	18,300	24,300	93,400	15,000	27,900	15,800	6,540
5	22,500	6,090	19,400	19,600	56,000	22,200	23,200	87,800	12,300	26,600	12,800	8,670
6	22,000	7,160	19,600	15,400	56,600	33,400	22,500	78,600	12,500	24,000	15,000	9,030
7	17,300	8,490	19,900	13,500	53,100	56,600	19,400	69,900	11,400	17,800	15,700	7,810
8	14,500	8,670	17,500	14,400	46,400	73,000	15,200	62,800	10,200	15,000	13,700	5,530
9	13,500	9,970	11,800	12,500	39,400	74,400	21,700	58,800	9,400	17,300	11,600	7,810
10	14,000	14,700	8,320	10,600	32,400	70,800	22,500	54,200	8,320	19,100	10,400	7,000
11	12,900	13,000	11,900	10,400	25,600	65,200	21,400	44,200	8,670	19,100	9,030	8,150
12	14,400	11,400	12,500	13,700	25,800	37,900	19,100	30,300	10,800	19,100	7,640	7,640
13	13,200	10,800	12,100	22,000	31,000	67,000	15,500	23,500	11,200	17,000	7,320	7,480
14	9,950	12,100	13,700	23,800	31,300	81,100	14,000	22,000	10,600	12,900	8,490	7,980
15	7,480	13,200	16,500	24,800	29,000	85,300	12,000	23,200	10,400	8,850	9,030	7,810
16	7,810	11,200	14,000	24,800	25,300	84,200	11,000	23,200	8,490	10,800	12,500	5,950
17	8,490	11,200	9,060	25,100	20,100	82,000	13,000	23,200	7,480	13,200	11,000	6,240
18	8,950	13,200	10,400	28,200	17,800	78,000	14,400	23,200	12,300	12,100	9,780	8,320
19	9,210	11,200	11,900	36,500	20,100	76,000	14,200	22,200	13,000	15,400	7,480	9,400
20	9,030	14,700	11,400	48,500	25,800	74,100	13,700	20,100	13,000	18,800	7,810	10,400
21	7,980	22,500	11,200	71,600	27,200	71,600	14,400	18,800	14,000	14,700	8,490	10,400
22	6,690	32,600	11,900	84,500	26,400	65,800	15,800	18,000	9,210	13,500	8,030	8,490
23	6,840	35,200	10,200	85,900	24,800	57,900	14,200	17,000	34,400	12,100	11,600	7,000
24	8,320	30,800	8,150	80,800	22,700	50,900	14,000	16,200	63,300	14,200	10,600	6,240
25	8,670	26,400	8,290	71,000	21,200	46,300	11,900	15,400	68,200	18,000	8,320	8,320
26	8,850	23,800	9,030	58,800	19,600	45,800	11,900	12,500	58,200	20,400	7,320	7,980
27	9,030	21,200	14,000	47,400	20,600	46,000	12,100	17,900	42,300	22,000	7,000	8,150
28	8,850	23,500	21,200	36,000	19,400	53,100	10,800	19,900	32,900	18,600	8,490	10,200
29	6,840	23,000	21,200	31,800	-----	45,800	16,200	23,000	30,300	15,400	7,640	13,500
30	6,840	22,200	19,100	30,800	-----	39,900	25,800	23,800	26,900	13,500	8,490	15,000
31	7,810	-----	18,800	30,000	-----	36,500	-----	20,400	-----	14,200	7,480	-----
TOTAL	336,460	471,920	445,950	1,061,38	875,300	1,726,38	540,000	1,198,18	630,360	561,960	338,040	247,610
MEAN	10,850	15,730	14,390	34,240	31,260	55,690	18,000	38,680	21,610	17,480	10,900	8,254
MAX	22,500	35,200	22,200	85,900	56,400	85,300	35,000	93,400	68,200	27,900	20,100	15,000
MIN	6,540	6,090	8,150	10,400	17,800	18,300	10,800	12,500	7,480	8,850	7,000	5,530

CAL YR 1962: TOTAL 9,253,290 MEAN 25,350 MAX 117,000 MIN 5,810
 WAT YR 1963: TOTAL 8,413,300 MEAN 23,050 MAX 93,400 MIN 5,530

M Expressed in thousands

2-4200 Alabama River near Montgomery, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	18,800	9,210	13,200	18,300	49,000	35,500	78,300	88,100	14,400	8,490	13,700	7,810
2	16,400	9,030	12,500	17,300	48,000	32,600	74,700	81,600	15,200	9,970	10,400	8,850
3	13,500	7,640	14,700	18,000	43,900	53,900	65,600	75,100	17,000	10,400	7,160	7,810
4	13,700	6,340	16,800	18,000	42,300	71,000	60,600	69,900	16,200	11,200	9,400	8,320
5	11,000	6,690	16,000	14,800	43,900	77,800	57,500	84,500	16,000	12,100	11,900	7,980
6	9,210	8,490	14,200	16,500	43,400	80,800	74,700	84,800	14,000	9,590	13,700	8,490
7	7,810	9,030	13,000	21,700	43,400	78,600	113,000	82,500	10,800	9,590	12,800	7,160
8	8,670	9,590	10,600	26,100	40,700	73,800	139,000	78,300	9,590	9,590	11,600	6,840
9	9,590	10,200	8,850	34,200	36,500	68,000	172,000	70,500	13,500	9,030	9,400	7,810
10	10,200	8,320	10,600	50,600	32,900	62,000	174,000	66,300	14,700	9,030	7,980	9,030
11	10,400	6,540	12,100	59,800	32,900	58,200	156,000	62,000	14,000	9,210	11,900	8,320
12	9,590	6,240	19,700	60,400	31,300	56,900	125,000	56,300	13,500	10,600	13,500	9,780
13	7,480	8,490	26,600	55,000	28,200	53,100	115,000	50,600	11,900	9,210	14,200	11,200
14	6,240	8,490	29,500	47,100	30,000	50,600	120,000	49,200	9,590	9,210	16,500	8,150
15	6,090	8,490	36,800	38,100	32,100	88,800	124,000	40,700	7,980	9,780	15,700	8,850
16	7,640	7,980	39,900	30,800	34,700	93,200	123,000	36,500	9,780	11,400	11,000	8,850
17	7,980	7,000	37,000	27,400	36,500	104,000	120,000	33,600	10,200	12,500	8,850	8,850
18	8,320	6,390	33,600	32,400	48,800	108,000	112,000	29,500	11,000	12,300	10,600	8,320
19	7,640	5,830	29,000	30,500	62,000	107,000	105,000	29,000	10,600	9,780	11,200	9,210
20	6,540	6,840	24,600	29,000	66,800	98,800	94,500	28,700	10,800	8,670	12,100	8,850
21	6,090	7,640	23,800	31,300	66,000	91,300	86,300	27,900	9,780	8,670	12,800	7,160
22	5,810	7,640	23,200	29,500	61,700	85,100	78,000	25,100	8,150	8,320	13,500	7,810
23	7,160	7,000	18,600	25,900	55,500	79,100	71,800	29,300	7,810	9,210	9,590	9,400
24	6,490	7,160	19,800	25,600	46,300	70,800	63,800	21,700	9,780	13,500	8,850	9,210
25	7,000	6,840	18,600	36,500	43,600	65,400	57,500	19,600	9,970	16,000	10,200	9,210
26	7,640	6,690	14,200	60,400	41,500	66,800	53,200	22,000	10,400	15,700	11,000	9,400
27	7,320	8,320	13,700	69,400	40,700	71,900	56,800	21,400	11,400	12,500	8,670	9,030
28	6,240	8,490	14,000	69,400	39,400	78,600	69,900	20,900	8,850	14,400	10,800	7,160
29	6,390	9,590	11,400	65,500	37,300	81,700	84,200	19,900	7,810	16,500	12,500	9,030
30	8,150	12,100	10,800	58,800	-----	82,800	90,800	19,600	7,980	13,500	9,970	11,600
31	8,850	-----	14,400	51,700	-----	82,200	-----	16,200	-----	13,200	9,030	-----
TOTAL	274,540	238,500	601,550	1,170,000	1,259,300	2,288,300	2,916,200	1,433,300	342,670	343,150	350,500	259,490
MEAN	8,856	7,690	19,406	37,419	40,623	73,823	94,068	46,240	11,070	11,070	11,310	8,650
MAX	18,800	12,100	39,900	69,400	66,800	108,000	174,000	88,100	17,000	16,500	16,500	11,600
MIN	5,810	5,830	8,850	14,800	28,200	32,600	53,200	16,200	7,810	8,320	7,160	6,840

CAL YR 1963: TOTAL 8,273,560 MEAN 22,670 MAX 93,400 MIN 5,530
 WAT YR 1964: TOTAL 11,477,500 MEAN 31,360 MAX 174,000 MIN 5,810

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	14,000	15,000	17,800	29,000	22,700	29,800	74,400	20,600	9,030	10,400	10,800	6,540
2	12,500	12,100	19,900	26,100	23,500	35,200	71,000	16,800	11,000	9,970	9,590	6,240
3	13,500	11,000	21,700	26,400	25,300	43,600	68,000	15,000	9,030	9,970	12,100	6,090
4	19,900	13,500	25,600	25,800	25,600	50,400	63,300	16,800	8,150	8,670	13,000	7,810
5	29,200	14,400	26,600	25,100	25,300	52,500	59,300	13,500	7,810	7,320	10,600	7,480
6	25,600	15,200	26,400	25,100	26,100	51,700	56,300	13,500	7,480	7,980	8,150	8,670
7	27,700	14,200	22,500	25,100	37,300	49,300	59,800	12,100	6,690	10,400	7,980	7,160
8	27,400	12,800	25,300	25,100	49,500	46,100	67,400	10,800	8,030	13,700	8,320	8,490
9	29,800	10,400	27,900	22,000	48,200	44,400	66,300	10,400	14,000	16,200	8,150	10,800
10	24,000	9,210	27,400	22,700	46,300	39,900	59,000	7,640	15,400	15,000	8,490	10,400
11	22,500	11,200	26,600	18,300	42,300	37,600	51,500	9,210	18,800	13,200	10,200	10,400
12	19,100	11,200	27,900	20,900	54,200	38,600	45,000	11,000	21,400	10,600	11,400	10,200
13	15,700	12,800	29,000	24,600	73,300	48,000	36,500	9,780	19,100	11,400	11,000	8,670
14	15,200	13,000	25,600	24,800	78,300	53,900	34,200	9,210	16,200	12,800	7,810	7,980
15	17,300	13,000	27,900	24,800	75,200	52,300	35,500	9,400	22,500	11,900	8,490	9,400
16	23,800	10,600	29,800	24,800	70,200	47,400	35,500	8,320	23,500	11,400	7,980	10,200
17	26,600	9,590	28,700	24,600	66,000	40,900	34,200	7,000	21,700	12,300	7,320	11,000
18	27,200	12,100	28,700	19,100	70,500	50,900	30,500	7,640	24,600	12,500	7,640	10,800
19	22,700	12,800	27,700	21,200	75,500	53,400	27,200	11,000	25,800	9,030	9,030	9,450
20	21,700	13,700	25,800	24,600	75,200	52,300	23,800	10,800	24,300	8,320	7,810	8,320
21	22,700	13,700	20,600	22,700	68,000	47,700	23,000	10,800	16,500	9,780	8,320	9,400
22	20,600	9,030	23,200	22,500	54,400	40,900	22,700	10,800	9,590	8,670	8,670	8,670
23	16,200	9,400	25,300	33,600	43,100	35,200	22,200	9,970	8,150	9,970	9,400	9,780
24	15,400	9,210	25,100	58,800	36,000	33,600	21,200	9,030	7,640	9,970	8,320	10,600
25	15,200	17,000	30,000	67,100	33,400	34,200	20,600	9,590	8,670	12,300	9,210	10,600
26	11,600	26,600	41,700	59,000	30,300	37,800	20,400	11,200	11,000	10,800	8,850	8,320
27	10,200	27,400	49,600	47,400	29,200	50,400	20,400	11,600	9,210	8,850	9,590	6,690
28	11,000	25,300	43,600	35,700	29,000	60,900	19,600	11,600	8,320	10,800	7,810	6,540
29	12,300	22,500	38,300	29,500	-----	69,400	19,100	10,800	9,780	11,900	7,480	8,320
30	13,500	15,700	37,300	27,900	-----	74,100	19,100	9,970	12,500	13,500	6,540	9,210
31	15,400	-----	33,600	27,400	-----	78,100	-----	8,150	-----	13,000	6,240	-----
TOTAL	595,500	427,610	887,100	911,700	1,329,900	1,478,500	1,207,000	344,010	415,320	343,520	276,800	264,230
MEAN	19,210	14,250	28,620	29,410	47,500	47,500	40,230	11,100	13,840	11,080	8,929	8,808
MAX	29,200	27,400	49,600	67,100	78,300	76,100	74,400	20,600	25,800	16,200	13,000	11,000
MIN	10,200	9,210	17,800	18,300	22,700	29,800	19,100	7,000	6,690	7,320	6,240	6,090

CAL YR 1964: TOTAL 12,273,120 MEAN 33,530 MAX 174,000 MIN 6,840
 WAT YR 1965: TOTAL 8,481,190 MEAN 23,240 MAX 78,300 MIN 6,090

M Expressed in thousands

MOBILE RIVER BASIN

2-4210 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

Records available --June 1952 to September 1965

Gage --Water-stage recorder Datum of gage is 151.02 ft above mean sea level, datum of 1929

Average discharge --13 years (1952-65), 361 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (5,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	0930	17,600	24 45	Apr 13, 1962	1230	* 10,400	22 35	May 4, 1964	0600	5,440	19 59
Feb 25, 1961	1230	* 48,600	28 65								
Apr 1, 1961	0930	17,000	24 33	Jan 21, 1963	-	* 9,100	21 85	Jan 24, 1965	0700	* 12,800	23 15
Sept 1, 1961	0600	11,100	22 58	Mar 7, 1963	0330	7,960	21 88	Feb 8, 1965	0600	5,070	19 19
								Feb 19, 1965	1000	7,520	21 06
Dec 13, 1961	1400	9,280	21 94	Apr 9, 1964	0230	12,300	22 98	Mar 18, 1965	2200	-	-
Jan 7, 1962	-	-	-	Apr 15, 1964	1300	6,860	20 67				
Apr 2, 1962	0300	6,690	20 56	Apr 28, 1964	0730	* 21,700	25 20				

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 19, 1960	0 30	-	1964	Many days	0	-
1962	Sept 23-25, 1962	0	-	1965	Sept 17, 1965	90	-
1963	Many days	0	-				

1952-65 Maximum discharge, 48,600 cfs Feb 25, 1961 (gage height, 28.65 ft), no flow for many days in some years

Flood of Nov 28, 1948, reached a stage of 27.5 ft

Remarks --Records fair except those below 10 cfs and those for periods of no gage-height record, which are poor

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	79	1.7	1.2	367	94	507	15,400	130	12	39	16	10,200
2	47	1.3	1.2	300	81	272	6,780	378	11	46	14	6,330
3	35	1.2	1.7	202	473	221	2,440	564	11	31	12	2,900
4	27	1.2	2.4	97	698	180	724	313	11	23	8.6	1,290
5	25	1.1	2.4	56	488	155	334	116	9.3	21	7.3	330
6	213	1.5	1.9	41	246	260	244	80	8.6	20	5.9	149
7	253	1.3	1.7	32	496	2,000	243	45	8.0	16	47	118
8	91	1.2	1.7	30	743	2,110	316	37	5.9	15	69	148
9	67	1.0	1.3	27	500	1,780	521	40	5.2	13	43	160
10	54	1.1	1.2	27	256	993	1,010	42	3.9	12	21	91
11	37	1.5	1.5	26	158	267	690	45	3.9	30	15	64
12	29	1.3	1.9	24	112	178	2,230	40	3.9	220	13	99
13	20	1.5	2.4	31	90	155	3,680	34	2.8	307	9.3	97
14	18	1.3	3.3	404	73	445	3,410	30	2.4	472	7.3	82
15	16	.90	3.3	491	65	443	2,060	25	2.8	254	6.6	79
16	33	2.7	2.8	341	59	238	1,360	22	2.1	145	6.6	115
17	31	.50	5.9	162	52	164	552	19	2.1	64	6.6	77
18	35	.50	7.3	96	1,890	1,330	233	17	2.8	40	7.3	47
19	20	.30	11	95	8,660	2,060	148	16	5.9	28	4.5	31
20	15	.40	11	210	15,900	1,220	117	15	49	31	5.6	22
21	12	.60	11	180	9,870	567	105	14	30	26	1.5	18
22	9.3	.60	9.3	144	4,200	244	80	12	53	21	1.1	14
23	8.0	3.4	13	92	4,410	198	60	11	119	19	21	12
24	7.3	1.3	18	66	6,620	156	50	9.0	89	16	6.1	8.6
25	5.9	1.9	14	133	36,900	116	40	13	38	15	1.7	7.0
26	4.5	11	11	707	15,600	93	35	16	47	14	1.7	6.0
27	4.5	8.0	10	1,030	4,170	82	114	15	137	14	45	5.0
28	3.9	5.2	9.3	662	1,720	193	248	15	242	14	15	4.0
29	3.3	2.4	11	346	-----	644	265	15	119	14	10	3.0
30	2.4	1.5	36	174	-----	850	120	16	56	16	7.3	2.0
31	2.8	-----	166	125	-----	7,670	-----	14	-----	21	4,290	-----
TOTAL	1,208.9	59.40	375.7	6,718	114,624	25,791	43,609	2,158.0	1,093.6	2,817	4,728.0	22,508.8
MEAN	39.0	1.98	12.1	217	4,094	832	1,454	69.6	36.3	89.1	152	750
MAX	253	11	166	1,030	36,900	7,670	15,400	564	242	472	4,290	10,200
MIN	2.4	.30	1.2	24	52	82	35	9.0	2.1	12	1.1	2.0
CFSM	.13	.007	.04	.73	13.7	2.79	4.88	.23	.12	.22	.51	2.52
IN.	.15	.007	.05	.84	14.3	3.22	5.44	.27	.14	.25	.59	2.81

CAL YR 1960: TOTAL 149,709.60 MEAN 409 MAX 12,600 MIN .30 CFSM 1.37 IN 18.68
 MAY YR 1961: TOTAL 224,889.20 MEAN 616 MAX 36,900 MIN .30 CFSM 2.07 IN 28.07

2-4210 Catoma Creek near Montgomery, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.0	1.4	4.3	100	172	209	4,610	229	3.9	2.8	51	.50
2	3.0	1.0	3.4	130	137	1,170	5,100	116	3.4	2.2	24	.50
3	5.0	2.3	2.8	100	114	1,270	2,200	77	7.1	1.4	61	.50
4	5.9	1.1	2.5	90	101	872	460	55	9.3	7.4	78	.40
5	5.6	.60	2.3	600	91	383	234	42	11	8.6	18	.40
6	5.3	.50	3.2	1,500	88	217	769	36	7.7	4.1	7.7	.30
7	4.7	.40	2.8	5,000	78	161	1,710	31	5.9	14	4.7	3.3
8	4.3	.30	2.5	4,030	70	127	1,110	28	4.5	11	14	.40
9	4.1	.50	23	1,970	64	124	546	24	5.3	55	5.0	.30
10	4.1	.40	1,270	460	62	425	253	24	6.2	21	3.0	.20
11	3.9	.50	2,250	263	58	1,670	332	22	7.1	11	2.6	.10
12	3.6	.50	3,620	194	56	1,970	5,020	19	12	7.7	2.5	.10
13	3.4	.60	7,910	149	48	1,270	9,280	19	18	6.8	2.5	.10
14	3.2	4.2	7,500	126	47	732	4,400	16	12	5.9	12	28
15	2.8	28	5,300	242	46	763	1,700	14	8.9	16	230	6.7
16	2.6	10	4,000	393	238	836	347	12	7.4	29	149	2.1
17	2.5	5.3	3,400	311	690	500	210	11	6.8	9.3	77	250
18	2.2	7.4	3,100	434	793	237	150	9.8	15	4.7	34	71
19	2.1	6.5	2,200	2,760	942	172	120	8.9	100	2.5	18	6.2
20	2.1	4.1	800	3,230	994	145	100	8.5	16	1.6	11	29
21	2.2	2.8	334	2,030	1,110	163	88	7.7	14	1.3	8.5	1.3
22	2.3	2.1	217	1,270	1,790	167	76	7.4	14	1.2	13	.20
23	2.1	59	176	459	1,620	138	62	5.6	12	.90	7.1	0
24	2.0	255	152	443	2,560	132	54	5.0	7.7	.50	4.3	0
25	2.1	65	134	339	2,780	667	52	4.7	54	.40	2.8	0
26	2.1	39	112	258	1,220	1,230	57	4.5	60	.40	1.7	26
27	2.0	18	95	251	476	681	49	4.1	17	.40	1.4	7.8
28	2.0	8.9	91	602	253	240	58	3.4	7.7	20	4.3	0
29	2.1	6.8	80	737	-----	164	75	3.0	4.5	106	1.4	2.0
30	2.0	5.0	70	420	-----	142	291	4.1	3.4	38	1.0	1.6
31	1.4	-----	64	237	-----	1,750	-----	4.7	-----	57	.70	-----
TOTAL	94.7	537.20	42,922.8	29,128	16,698	18,747	39,513	856.4	461.8	448.10	848.30	441.10
MEAN	3.05	17.9	1,385	940	596	605	1,317	27.6	15.4	16	27.4	14.7
MAX	5.9	255	7,910	5,000	2,780	1,970	9,280	229	100	106	230	250
MIN	1.4	.30	2.3	90	46	124	49	3.0	3.4	.40	.70	0
CFSM	.01	.06	4.65	3.15	2.00	2.03	4.42	.09	.05	.05	.09	.05
IN.	.01	.07	5.36	3.64	2.08	2.34	4.93	.11	.06	.06	.11	.06

CAL YR 1961: TOTAL 266,799.90 MEAN 731 MAX 36,900 MIN 0 CFSM 2.45 IN 33.30
 MAY YR 1962: TOTAL 150,696.40 MEAN 413 MAX 9,280 MIN 0 CFSM 1.39 IN 18.81

Note --No gage-height record Dec 29 to Jan 7

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.50	0	31	175	850	121	70	22	4.3	6.0	20	.90
2	.80	0	29	104	75	119	54	9.3	2.6	5.0	53.4	1.7
3	.50	0	26	67	1,600	124	42	11	1.8	2.8	12	1.2
4	.50	.10	24	50	2,300	481	35	8.1	1.7	2.6	5.0	1.2
5	.30	.10	21	47	800	1,830	28	3.9	1.6	2.6	2.8	1.8
6	.30	.10	18	45	266	4,430	40	2.5	1.6	2.8	1.8	1.4
7	.30	.10	20	44	187	6,230	70	1.8	1.4	2.3	1.3	1.2
8	.60	5.3	20	43	144	3,290	140	1.3	1.3	2.1	1.2	1.1
9	.40	8.9	19	42	112	1,260	113	.80	1.2	2.5	1.0	1.0
10	.30	1.3	15	41	86	312	74	.60	1.1	1.7	1.2	.90
11	.20	.50	14	110	264	228	45	.40	1.0	1.4	1.0	.80
12	.20	.70	12	1,000	940	218	35	.40	.80	1.3	.80	1.0
13	.10	.30	11	1,600	820	566	29	.30	.60	1.3	10	1.4
14	.10	.30	11	2,100	476	321	24	.30	.60	1.2	7.9	1.2
15	.10	.30	9.3	900	202	258	21	.30	.50	1.2	.90	1.4
16	.10	.20	9.3	200	139	213	19	.20	.50	3.3	1.6	1.3
17	.10	.20	8.9	100	98	173	17	.10	.50	5.4	2.8	1.2
18	.10	2.9	9.3	1,000	85	148	15	0	.40	31	2.3	1.1
19	.10	.50	11	2,000	1,150	131	15	0	13	102	1.3	1.0
20	.10	6.4	12	5,000	1,510	454	13	0	5.9	34	26	.90
21	.40	865	12	8,000	1,030	384	12	0	7.5	13	5.3	.60
22	.20	1,690	17	5,800	578	216	11	.10	169	5.6	148	.30
23	.10	1,510	13	3,500	198	111	11	.10	352	3.6	113	.20
24	0	1,090	18	2,300	211	120	8.5	.10	287	9.5	36	.10
25	0	356	80	900	546	113	7.7	.10	284	10	15	0
26	0	121	480	300	472	160	6.8	8.5	182	7.0	8.1	1.0
27	0	75	625	180	235	211	5.3	8.3	58	5.0	4.7	33
28	0	54	410	130	160	159	3.2	106	24	4.0	2.5	66
29	0	42	318	110	-----	116	12	32	12	3.4	1.8	3.2
30	0	36	573	390	-----	109	21	11	8.5	2.2	2.1	3.1
31	0	-----	364	1,100	-----	90	-----	8.5	-----	2.7	1.1	-----
TOTAL	6.40	9,867.20	3,240.8	37,378	16,159	22,716	997.5	238.00	1,426.40	278.5	491.50	131.20
MEAN	.21	196	105	1,206	577	733	33.3	7.68	47.5	8.98	15.9	4.37
MAX	.80	1,690	625	8,000	2,000	6,230	140	106	352	102	148	66
MIN	0	0	8.9	41	85	90	3.2	0	.40	1.2	.80	0
CFSM	.0006	.66	.35	4.05	1.94	2.46	.11	.03	.16	.03	.05	.01
IN.	.0007	.73	.40	4.66	2.02	2.83	.12	.03	.18	.03	.06	.02

CAL YR 1962: TOTAL 118,258.10 MEAN 312 MAX 9,280 MIN 0 CFSM 1.02 IN 17.50
 MAY YR 1963: TOTAL 88,930.50 MEAN 244 MAX 8,000 MIN 0 CFSM 1.02 IN 17.50

Note --No gage-height record Jan 5 to Feb 5

2-4210 Catoma Creek near Montgomery, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.3	.70	61	981	600	612	56	1,160	24	29	60	4.3
2	.50	.20	63	956	450	1,320	50	1,660	21	117	150	3.9
3	4.5	.10	43	655	250	3,250	54	3,470	17	230	300	3.0
4	4.7	0	27	215	150	4,210	58	4,460	16	293	200	2.5
5	3.0	.10	18	116	90	3,820	57	2,230	22	129	100	2.1
6	1.8	.10	13	333	150	1,810	1,580	481	48	199	70	2.1
7	1.2	.20	9.8	1,410	200	694	2,270	174	35	98	100	2.1
8	.70	.10	11	1,290	157	240	8,200	133	34	48	180	2.3
9	.50	.10	5.6	2,770	149	156	9,800	113	16	34	250	2.3
10	.30	.10	4.1	3,030	130	131	3,750	98	15	28	200	2.5
11	.30	.10	30	2,340	103	120	1,620	88	8.8	27	169	55
12	.30	.10	487	1,590	98	103	280	84	7.4	29	460	387
13	.20	.10	605	342	183	92	643	82	6.2	26	439	184
14	.10	.10	1,210	165	1,350	150	3,360	271	7.4	24	150	45
15	.10	.10	1,440	118	1,330	500	6,800	595	5.2	21	78	30
16	0	.10	966	122	1,410	4,000	4,470	184	4.3	19	42	20
17	0	.10	650	1,650	1,090	2,000	2,120	98	4.3	18	26	14
18	0	.10	170	2,500	2,430	1,000	412	76	4.3	30	20	11
19	0	.10	84	1,350	3,330	450	174	64	3.2	50	15	10
20	.10	.10	56	1,660	3,140	700	131	56	2.6	35	15	7.4
21	.10	.10	43	993	2,090	600	108	49	2.5	25	15	6.8
22	.10	.10	35	422	489	450	93	46	2.3	22	20	5.2
23	0	3.0	45	198	221	250	84	44	2.1	60	28	4.6
24	.10	1.2	40	195	175	150	113	44	15	35	45	4.3
25	.10	.50	42	685	356	110	128	38	23	25	18	4.3
26	.10	8.1	43	695	786	120	199	33	12	35	13	3.6
27	.20	1.7	38	350	713	100	6,280	32	24	42	11	3.6
28	.20	58	31	250	1,090	97	17,500	31	25	26	8.1	3.6
29	.10	111	26	200	921	80	6,690	26	12	63	7.4	3.9
30	.10	65	29	150	-----	69	2,870	22	8.1	181	5.5	6.8
31	.10	-----	120	200	-----	61	-----	20	-----	111	4.6	-----
TOTAL	20.80	251.40	6,423.5	28,131	23,631	27,445	79,950	15,942	427.9	2,100	3,199.4	837.2
MEAN	.67	8.38	207	907	815	885	2,565	514	14.3	66.0	103	25.6
MAX	4.7	111	1,440	3,030	3,330	4,210	17,500	4,460	48	293	460	387
MIN	0	0	4.1	116	90	61	50	20	2.1	18	4.6	2.1
CFSM	.002	.03	.70	3.05	2.73	2.97	8.94	1.73	.05	.23	.35	.09
IN.	.003	.03	.80	3.51	2.95	3.43	9.98	1.99	.05	.26	.40	.10

CAL YR 1963: TOTAL 86,513.80 MEAN 237 MAX 8,000 MIN 0 CFSM .80 IN 10.80
WAT YR 1964: TOTAL 188,370.40 MEAN 515 MAX 17,500 MIN 0 CFSM 1.73 IN 23.51

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	25	13	106	162	145	500	300	22	2.1	13	35	34
2	18	12	70	133	136	3,000	219	18	1.8	13	24	24
3	22	12	54	129	150	3,600	181	16	6.4	6.2	18	111
4	637	10	70	121	154	3,800	214	14	4.1	3.2	9.9	249
5	2,640	9.6	120	106	130	2,400	250	13	2.8	108	5.5	204
6	1,990	9.6	90	87	640	1,500	205	11	2.3	104	4.9	45
7	884	11	60	81	3,440	600	159	11	2.0	82	31	18
8	285	9.9	40	77	4,830	250	126	10	1.6	33	38	9.9
9	100	7.8	35	87	3,300	210	110	9.2	1.4	16	104	5.8
10	64	7.4	30	176	1,300	180	98	8.5	1.4	11	56	3.2
11	49	7.4	60	129	377	170	87	7.8	1.4	18	125	3.0
12	37	7.8	180	90	1,730	1,000	76	7.1	1.4	12	112	1.8
13	30	8.8	260	75	2,550	3,000	68	6.2	1.3	11	369	11
14	26	12	200	66	1,620	3,000	61	5.2	1.2	8.8	197	1.8
15	435	23	90	61	1,200	1,700	53	4.9	4.6	15	76	1.4
16	1,090	25	60	98	688	800	44	4.3	3.2	248	34	1.2
17	868	27	50	151	2,330	600	40	3.9	3.2	140	18	.90
18	661	29	67	108	5,100	7,000	37	3.6	3.6	117	9.6	1.1
19	194	30	66	84	4,960	4,000	34	3.4	43	49	18	1.8
20	91	40	60	69	3,100	2,500	109	3.2	16	21	20	2.0
21	60	28	62	62	920	800	92	3.0	12	12	13	2.0
22	43	33	73	60	314	450	66	4.9	4.9	7.1	8.1	1.8
23	38	36	82	5,060	211	350	46	4.3	3.2	4.6	6.5	1.8
24	30	54	272	12,200	227	700	38	3.0	3.0	3.9	6.8	2.5
25	25	1,000	2,690	8,500	400	450	33	2.5	3.6	2.8	6.8	1.8
26	20	1,200	3,220	3,000	500	350	28	2.1	2.1	1.8	4.6	1.7
27	18	680	3,180	990	350	1,000	33	2.5	2.8	396	6.5	1.6
28	17	300	2,820	317	200	1,500	33	3.0	22	314	28	1.6
29	15	410	1,850	226	-----	1,900	31	3.2	13	216	536	1.7
30	13	180	691	183	-----	900	27	2.5	9.6	180	304	217
31	13	-----	219	190	-----	450	-----	2.3	-----	94	97	-----
TOTAL	10,435	4,233.3	16,927	32,678	43,002	48,660	2,900	215.6	181.0	2,263.4	2,322.2	963.40
MEAN	337	141	544	1,061	1,536	1,570	96.7	6.95	6.03	73.0	74.9	32.1
MAX	2,640	1,200	3,220	12,200	6,960	7,000	300	22	43	396	536	249
MIN	13	7.4	30	60	130	170	27	2.1	1.2	1.8	4.6	.90
CFSM	1.13	.47	1.83	3.56	5.15	5.27	.32	.02	.02	.25	.25	.11
IN.	1.30	.53	2.11	4.10	5.37	6.07	.36	.03	.02	.28	.29	.12

CAL YR 1964: TOTAL 213,268.0 MEAN 583 MAX 12,200 MIN 2.10 CFSM 1.32 IN 28.88
WAT YR 1965: TOTAL 164,980.90 MEAN 452 MAX 12,200 MIN 2.10 CFSM 1.32 IN 28.88

Note --No gage-height record Feb 25 to Apr 1

401

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
1										-	4 2	4 6
2										-	3 9	4 6
3										-	4 1	3 6
4										-	4 1	3 4
5										-	3 7	3 4
6										-	3 7	3 4
7										-	3 6	3 3
8										-	3 4	3 3
9										-	3 3	3 3
10										-	35	3 3
11										-	8 6	3 1
12										-	7 6	3 0
13										-	5 9	3 0
14										6 5	5 0	3 1
15										4 4	4 6	3 4
16										4 1	4 1	14
17										4 2	3 6	6 2
18										4 1	3 4	4 2
19										3 9	3 6	3 7
20										4 5	3 7	3 6
21										4 8	4 1	3 4
22										6 5	9 1	3 3
23										5 0	7 8	3 3
24										5 6	5 0	3 3
25										4 4	4 2	4 1
26										3 7	4 8	5 9
27										3 6	4 2	5 0
28										4 6	4 1	4 3
29										4 2	3 7	3 9
30										4 7	3 6	3 6
31										4 6	3 6	-----
TOTAL										-	173 3	123 6
MEAN										-	5 59	4 12
MAX										-	35	14
MIN										-	3 3	3 0
CFSM										-	53	39
IN										-	61	44

2-4213 Ivy Creek at Mulberry, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.1	3.9	3.6	5.0	4.1	23	70	12	5.3	8.0	3.7	6.7
2	4.1	3.6	3.6	3.4	4.0	20	40	13	5.3	8.0	5.2	23
3	3.7	3.4	3.6	3.0	5.4	17	30	14	5.0	11	4.6	11
4	3.6	3.4	3.6	3.0	8.2	16	50	11	5.0	11	4.6	7.3
5	3.7	3.3	3.4	3.0	5.8	15	30	9.7	4.8	7.8	3.9	7.1
6	5.5	3.3	3.4	3.3	5.0	19	24	8.9	4.6	6.7	5.0	5.6
7	7.2	3.4	3.4	3.1	5.0	35	21	8.6	4.4	6.2	7.3	5.1
8	6.1	3.4	3.4	3.7	9.0	60	19	8.6	4.4	6.4	5.8	4.9
9	5.0	3.6	3.4	3.3	7.0	35	24	8.4	4.4	6.9	8.6	4.7
10	4.4	4.4	3.4	2.9	5.6	20	31	11	4.4	6.2	5.2	4.4
11	4.2	3.7	3.9	2.7	5.0	17	17	8.9	4.4	8.6	4.4	5.2
12	3.9	3.4	3.4	2.7	4.7	16	140	8.6	4.2	23	3.9	5.4
13	3.7	3.4	3.1	3.8	4.6	21	31	8.4	4.4	12	3.7	4.7
14	3.9	3.4	3.3	4.1	4.4	17	22	7.2	4.6	7.8	3.9	4.9
15	3.9	3.4	4.8	4.5	4.3	15	30	7.0	5.3	7.1	3.7	4.7
16	3.9	3.7	3.9	3.6	4.2	13	20	6.6	6.1	6.4	3.9	4.2
17	3.9	4.1	3.4	3.2	4.6	12	18	6.3	5.3	17	3.6	4.0
18	3.7	3.4	3.3	3.0	61	39	16	6.1	5.1	12	3.4	3.9
19	3.6	3.4	3.3	4.5	89	30	15	5.9	5.0	7.1	3.2	3.9
20	4.1	3.4	3.6	7.0	86	22	14	5.9	38	10	3.2	3.9
21	3.7	3.4	4.4	4.5	133	17	13	5.7	48	9.1	3.4	3.9
22	3.7	3.6	3.4	3.6	56	15	13	5.5	9.4	6.2	3.2	3.7
23	3.7	8.8	3.3	3.5	46	13	12	5.5	8.9	5.4	3.7	3.6
24	3.6	4.4	3.3	3.5	207	12	11	5.5	9.2	4.9	3.7	3.6
25	3.4	3.9	3.3	3.6	365	11	11	12	8.4	4.6	3.7	3.4
26	3.6	3.7	3.1	8.0	45	10	11	12	85	4.2	3.7	3.2
27	3.7	3.7	3.1	10	30	9.0	15	8.9	29	8.0	3.7	3.2
28	3.4	4.2	3.1	5.6	26	50	10	6.8	13	5.4	3.2	3.4
29	3.3	5.0	3.3	4.8	-----	35	18	6.1	9.9	4.4	3.1	3.1
30	3.7	3.7	3.9	4.4	-----	25	13	5.7	9.1	4.2	4.4	3.1
31	5.3	-----	5.1	4.2	-----	370	-----	5.5	-----	3.9	11	-----
TOTAL	127.1	115.4	110.1	128.5	1,234.9	1,029.0	831	255.3	359.9	249.5	137.6	158.3
MEAN	4.10	3.85	3.55	4.15	44.1	33.2	27.7	8.24	12.0	8.05	4.44	5.28
MAX	7.2	8.8	5.1	10	365	370	140	14	85	23	11	23
MIN	3.3	3.3	3.1	2.7	4.0	9.0	11	5.5	4.2	3.9	3.1	3.1
CFSM	.39	.37	.34	.39	4.20	3.16	2.64	.78	1.14	.77	.42	.50
IN.	.45	.41	.39	.46	4.37	3.64	2.94	.90	1.27	.88	.49	.56

CAL YR 1960: TOTAL 4,736.6 MEAN 13.0 MAX 370 MIN 2.7 CFSM 1.24 IN 16.78
 MAY YR 1961: TOTAL 4,736.6 MEAN 13.0 MAX 370 MIN 2.7 CFSM 1.24 IN 16.78

Note --No gage-height record Dec 29 to Feb 15, Feb 29 to Apr 12

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.0	2.8	3.9	26	18	21	31	12	5.3	5.5	4.2	3.3
2	2.8	3.1	3.9	18	16	34	22	11	5.2	5.1	4.1	3.2
3	3.9	3.6	3.7	16	15	24	20	10	5.2	5.1	4.0	3.2
4	3.4	3.4	3.7	15	14	21	18	9.7	5.6	4.9	4.1	3.2
5	3.2	4.0	3.7	30	14	19	21	9.4	5.5	6.3	23	3.2
6	3.2	3.9	4.4	86	12	18	79	9.0	4.8	6.4	6.3	3.3
7	3.0	3.9	4.0	36	11	17	43	4.7	5.8	5.8	4.7	3.8
8	3.0	3.8	3.7	28	11	16	32	7.9	4.7	5.4	4.6	3.9
9	2.8	3.9	19	22	12	20	25	7.7	4.4	5.1	4.5	3.8
10	2.8	3.9	143	20	11	19	21	7.5	5.5	4.9	4.1	3.6
11	2.6	3.9	67	17	9.8	30	64	7.3	5.8	4.8	4.1	3.9
12	2.6	4.2	220	16	9.7	29	212	6.8	5.2	4.8	4.1	3.6
13	2.5	4.6	92	14	9.6	20	71	6.6	4.8	4.8	4.6	3.8
14	2.6	5.1	82	15	9.3	19	47	6.4	4.5	4.6	18	7.1
15	2.5	6.3	129	23	9.2	21	38	6.2	4.3	4.9	5.2	5.1
16	2.5	5.8	67	16	13	17	30	6.0	4.2	5.0	4.7	6.5
17	2.5	4.3	126	14	9.6	15	27	5.9	4.1	4.8	4.5	5.0
18	2.5	3.9	782	26	9.0	15	24	5.8	4.5	4.7	4.1	4.5
19	2.4	3.7	138	128	8.8	15	22	5.6	18	4.4	4.1	4.2
20	2.4	3.5	81	52	8.1	14	20	5.5	7.8	4.2	4.1	4.0
21	2.5	3.4	60	37	22	22	17	5.3	6.6	4.2	3.9	3.9
22	2.6	3.4	48	32	51	15	16	5.3	5.6	4.2	3.9	4.0
23	2.6	10	42	37	28	14	15	5.2	5.4	4.1	3.9	4.1
24	2.5	5.2	34	37	107	13	20	5.2	5.5	4.0	3.9	4.1
25	2.5	4.4	29	28	39	16	21	5.1	5.4	4.8	3.8	4.1
26	2.5	4.2	26	25	32	14	15	4.9	5.3	4.7	3.7	6.9
27	2.4	3.9	26	60	26	12	14	4.9	5.3	4.3	3.7	7.2
28	2.5	3.9	24	36	23	12	23	4.8	15	4.2	3.6	5.5
29	2.6	3.9	19	25	-----	11	19	4.8	7.6	4.3	3.5	4.3
30	2.6	3.9	18	22	-----	12	14	5.3	6.0	4.4	3.3	4.1
31	2.8	-----	22	20	-----	72	-----	5.5	-----	4.2	3.3	-----
TOTAL	84.3	128.8	2,325.0	977	558.1	617	1,041	211.0	181.8	148.9	161.6	130.4
MEAN	2.72	4.29	75.0	31.5	19.9	19.9	34.7	6.81	6.06	4.80	5.21	4.35
MAX	3.9	10	782	128	107	72	212	12	18	6.4	23	7.2
MIN	2.4	2.8	3.7	14	8.1	11	14	4.8	4.1	4.0	3.3	3.2
CFSM	.26	.41	7.14	3.00	1.90	1.90	3.30	.65	.98	.46	.50	.41
IN.	.30	.46	8.23	3.46	1.98	2.19	3.69	.75	.64	.53	.57	.46

CAL YR 1961: TOTAL 6,922.1 MEAN 19.0 MAX 782 MIN 2.4 CFSM 1.81 IN 24.52
 MAY YR 1962: TOTAL 6,564.9 MEAN 18.0 MAX 782 MIN 2.4 CFSM 1.71 IN 23.25

2-4213 Ivy Creek at Mulberry, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.1	3.3	4.9	5.3	9.2	7.0	5.7	5.2	3.1	3.6	2.5	1.8
2	12	3.2	4.8	5.4	16	6.9	5.6	4.8	3.1	3.2	2.3	1.8
3	12	3.2	4.8	5.4	47	6.5	5.4	4.6	3.1	2.9	2.2	1.8
4	7.7	3.2	4.9	5.3	16	8.8	5.4	4.4	2.9	2.8	2.1	1.9
5	5.4	3.2	5.1	5.3	14	24	5.4	4.3	2.9	2.8	2.1	2.0
6	3.8	3.2	5.1	5.4	13	51	7.6	4.2	2.8	2.7	2.1	1.9
7	3.5	3.2	4.8	5.4	12	19	7.0	4.2	2.7	2.8	2.1	1.8
8	3.9	4.8	4.8	5.3	11	16	5.8	4.1	2.6	3.1	2.1	1.8
9	3.8	10	4.8	4.8	10	15	5.7	3.8	2.5	3.4	2.1	1.8
10	3.4	9.9	4.6	4.7	9.6	13	5.5	3.8	2.4	2.8	2.1	1.7
11	3.3	8.3	4.6	13	9.9	12	5.4	3.9	2.3	2.6	2.1	1.7
12	3.3	6.9	4.4	9.5	10	12	5.4	3.8	2.3	2.6	2.2	2.4
13	3.3	5.6	4.4	7.0	8.7	12	5.2	3.6	2.2	2.6	4.2	2.3
14	3.3	4.3	4.8	6.5	7.7	9.9	4.9	3.7	2.1	3.0	4.3	2.1
15	3.3	3.6	4.9	6.2	7.5	9.1	4.9	3.7	2.1	2.8	2.2	2.4
16	3.3	3.5	5.4	5.9	7.3	8.9	4.9	3.5	2.4	3.4	2.1	2.2
17	3.7	5.4	5.4	5.7	7.2	7.0	5.4	3.4	1.9	2.4	2.1	2.1
18	4.4	4.3	5.3	25	7.7	7.8	4.8	3.5	2.3	3.0	2.1	2.0
19	3.8	4.1	5.1	25	17	7.5	4.6	3.5	2.6	3.1	2.1	2.0
20	3.4	15	4.6	47	9.5	10	6.8	3.6	3.3	2.7	2.1	1.9
21	4.3	35	4.2	24	8.4	7.5	5.9	3.6	5.2	2.5	2.1	1.8
22	5.1	19	5.3	15	7.5	7.0	5.4	3.4	1.9	2.4	2.1	1.7
23	4.5	13	4.9	13	7.4	6.8	4.8	3.3	33	2.4	2.1	1.6
24	3.7	11	5.6	11	8.6	6.8	4.6	3.3	47	3.0	2.1	1.5
25	3.3	8.7	7.0	10	7.9	6.6	4.6	3.3	14	3.0	2.0	1.5
26	3.3	7.3	5.8	10	7.4	8.6	4.6	4.9	7.8	3.0	2.1	1.6
27	3.3	6.1	5.4	9.6	6.9	7.2	4.6	9.8	6.0	2.7	2.0	8.1
28	3.3	5.3	5.4	8.3	6.8	6.3	5.4	25	8.2	4.0	2.0	14
29	3.3	5.1	7.1	7.8	-----	6.1	4.9	9.5	5.8	2.7	2.1	4.3
30	3.3	5.1	5.9	12	-----	6.0	7.4	4.4	4.3	2.5	2.1	3.3
31	3.4	-----	5.4	11	-----	5.8	-----	3.6	-----	2.5	2.0	-----
TOTAL MEAN	137.5	222.0	159.5	334.8	311.2	339.6	162.6	153.8	201.2	90.1	69.9	78.8
MAX	4.44	7.40	5.15	10.8	11.1	11.0	5.42	4.96	6.71	2.91	2.25	2.63
MIN	12	35	7.1	47	47	51	7.6	25	47	4.0	4.3	14
CFSM	3.3	3.2	4.2	4.7	6.8	5.8	4.6	3.3	2.1	2.4	2.0	1.5
IN.	.42	.70	.49	1.03	1.06	1.04	.52	.47	.64	.28	.21	.25
IN.	.49	.79	.56	1.19	1.10	1.20	.58	.54	.71	.32	.25	.28

CAL YR 1962: TOTAL 4,545.8

MEAN 12.5

MAX 212

MIN 3.2

CFSM 1.19

IN 16.10

WAT YR 1963: TOTAL 2,261.0

MEAN 6.19

MAX 51

MIN 1.5

CFSM .59

IN 8.01

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.3	2.3	3.9	5.4	7.6	9.0	12	24	5.5	7.9	14	5.4
2	3.1	2.5	3.6	4.5	7.0	55	12	41	5.4	11	15	5.3
3	2.6	2.5	5.1	4.0	6.2	40	12	28	5.2	6.8	9.1	5.7
4	2.4	2.4	4.0	4.1	5.6	35	11	21	5.9	75	12	5.0
5	2.6	2.3	3.4	3.9	5.4	32	11	19	5.4	31	39	5.0
6	2.6	2.3	3.1	4.5	5.2	17	1,050	17	5.5	14	15	4.9
7	2.6	2.3	3.1	5.2	4.8	14	286	15	5.2	10	12	4.9
8	2.6	2.3	3.4	5.2	4.6	12	380	13	4.9	14	11	4.8
9	2.4	2.3	3.2	21	4.1	11	150	13	4.6	17	9.3	4.6
10	2.4	2.3	2.8	14	3.9	13	80	12	4.4	14	9.8	4.6
11	2.4	2.3	13	10	3.8	12	38	11	4.4	9.2	19	9.8
12	2.4	2.3	32	8.1	3.7	11	34	11	4.2	16	34	14
13	2.4	2.3	13	6.6	5.6	10	111	10	4.2	12	59	8.8
14	2.4	2.3	13	5.2	11	76	99	9.8	4.2	9.8	38	7.0
15	2.3	2.3	10	4.4	9.0	224	60	9.1	4.2	13	10	6.0
16	2.3	2.4	7.8	4.3	7.5	91	40	8.8	4.2	11	13	5.2
17	2.3	2.4	6.4	7.0	6.5	50	30	8.4	4.2	12	10	4.7
18	2.3	2.3	5.4	7.5	41	28	26	7.9	4.2	9.6	9.0	6.2
19	2.2	2.2	4.9	6.4	18	24	22	7.9	4.2	8.0	7.8	5.4
20	2.2	2.2	4.9	5.8	13	35	19	7.6	4.0	7.2	7.2	5.0
21	2.2	2.3	4.8	5.1	11	26	18	7.4	4.0	8.0	8.8	4.9
22	2.2	2.6	4.6	4.5	10	21	17	8.6	3.9	6.6	9.2	4.7
23	2.2	6.4	4.8	4.0	9.5	17	16	7.6	11	6.2	8.4	4.6
24	2.2	4.9	4.4	19	9.2	16	16	7.2	11	36	7.4	4.6
25	2.3	3.6	4.3	44	9.9	19	18	6.8	6.4	20	6.6	4.5
26	2.3	2.9	4.2	22	11	18	58	6.6	5.5	12	6.2	4.5
27	2.3	2.9	4.1	13	10	15	222	6.3	5.7	8.6	6.2	4.3
28	2.3	5.6	3.8	9.2	10	15	59	5.9	5.0	7.0	6.0	4.4
29	2.3	11	3.8	8.2	9.6	14	46	5.9	4.4	6.6	5.8	23
30	2.1	5.1	3.7	7.4	-----	13	28	5.7	4.2	6.6	5.6	32
31	2.1	-----	4.9	8.4	-----	12	-----	5.7	-----	7.4	5.4	-----
TOTAL MEAN	74.3	93.8	193.4	282.1	263.7	985.0	2,981	368.2	156.1	433.5	428.8	213.4
MAX	2.40	3.13	6.24	9.10	9.09	31.8	99.4	11.9	5.14	14.0	13.8	7.11
MIN	3.3	11	32	44	41	224	1,050	41	11	75	59	32
CFSM	2.1	2.2	2.8	3.9	3.7	9.0	11	5.7	3.9	6.2	5.4	4.4
IN.	23	30	59	87	87	3.03	9.46	1.13	.42	1.33	1.32	.68
IN.	26	33	69	1.00	.93	3.49	10.6	1.30	.55	1.54	1.52	.76

CAL YR 1963: TOTAL 2,103.5

MEAN 5.76

MAX 51

MIN 1.5

CFSM 55

IN 7.45

WAT YR 1964: TOTAL 6,471.3

MEAN 15.33

MAX 1,050

MIN 2.1

CFSM 1.87

IN 32.03

MOBILE RIVER BASIN

2-4213 Ivy Creek at Mulberry, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	14	6.0	7.6	11	19	32	19	7.4	5.1	4.0	4.3	3.1
2	12	6.0	7.6	11	20	41	18	7.4	4.9	4.2	4.2	3.6
3	11	5.9	8.1	11	17	30	18	7.0	4.9	4.0	4.0	3.6
4	64	5.9	43	10	16	28	20	7.0	4.9	4.0	4.0	3.4
5	72	5.8	17	9.6	16	26	18	6.6	4.8	4.0	4.0	3.2
6	18	5.8	14	8.8	23	25	17	7.0	4.9	4.2	4.0	3.1
7	15	5.8	12	8.8	33	22	16	7.2	11	6.5	4.2	3.1
8	13	5.8	11	8.8	23	21	15	7.0	5.9	5.1	9.1	2.7
9	11	5.8	11	9.1	21	20	15	5.2	5.2	4.6	4.8	2.8
10	9.8	5.7	10	16	19	19	14	6.8	8.8	4.3	4.5	2.8
11	9.3	5.7	10	11	18	19	13	6.6	7.9	4.3	4.3	2.7
12	8.6	5.7	13	10	44	59	13	6.6	6.1	4.3	4.6	2.7
13	5.7	5.7	9.8	9.8	39	59	12	5.2	4.2	4.2	4.8	3.8
14	7.6	5.7	9.1	9.3	28	33	12	6.5	5.9	4.2	4.2	2.7
15	19	5.7	8.6	9.6	24	29	11	6.3	5.4	9.6	3.9	2.6
16	13	5.9	8.6	10	22	27	11	6.1	5.4	6.3	3.7	2.6
17	11	5.9	8.6	9.1	29	41	11	5.8	5.4	2.7	3.5	2.5
18	9.1	5.9	9.6	8.8	39	29	10	5.9	4.9	4.3	3.4	2.9
19	8.4	7.6	8.6	8.8	31	23	11	5.9	4.8	4.3	3.4	3.0
20	7.9	11	9.3	8.6	27	22	11	5.9	4.5	4.2	3.7	2.9
21	7.9	7.0	10	8.6	25	20	9.8	5.7	4.3	4.2	4.4	2.8
22	7.4	6.6	9.1	8.4	22	20	9.1	5.7	4.3	4.0	3.9	2.7
23	7.2	6.5	9.1	181	21	25	9.1	5.7	4.2	4.0	3.6	2.5
24	7.0	16	16	58	29	24	8.6	5.5	4.3	8.8	3.5	2.4
25	6.8	19	38	39	22	21	9.6	5.5	4.3	6.1	3.4	2.5
26	6.8	9.8	18	41	19	26	9.8	5.2	4.2	6.6	3.4	2.4
27	6.8	8.1	15	31	18	25	9.8	5.4	4.2	6.8	3.6	2.4
28	6.8	9.8	14	27	18	23	8.6	5.7	4.3	6.1	3.8	2.4
29	6.6	8.8	13	25	-----	22	8.1	5.4	4.3	10	2.9	1.9
30	6.6	12	7.9	12	-----	25	5.4	4.0	-----	5.5	3.2	19
31	6.1	-----	11	20	-----	19	7.6	5.2	-----	4.8	3.1	-----
TOTAL	417.3	222.8	402.9	661.1	690	820	375.1	192.9	157.8	162.1	125.9	101.3
MIN	7.4	7.4	13.0	21.3	24.6	26.5	12.5	5.6	5.6	5.2	4.0	3.8
MAX	72	19	43	181	44	59	20	7.4	11	10	9.1	19
MIN	6.1	5.7	7.6	8.4	16	19	7.6	5.2	4.0	4.0	3.1	2.4
CFSM	1.28	7.1	1.24	2.03	2.35	2.52	1.19	.59	.50	.50	.39	.32
IN.	1.48	.79	1.43	2.34	2.44	2.90	1.33	-----	.56	.57	.45	.36
CAL YR 1964	TOTAL	4,325.8		MEAN 19.6		MAX 1,050		CFSM 1.87	IN 25.39			
MAX				MEAN 11.9		MAX 181		CFSM 1.13	IN 15.33			

2-4220 Big Swamp Creek near Lowndesboro, Ala

Location --Lat 32°16', long 86°42', in NE 1/4 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

Records available --December 1937 to April 1938, October 1940 to September 1965

Gage --Water-stage recorder Wooden control Aug 8, 1951, to July 20, 1955 Datum of gage is 127.95 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) Prior to July 12, 1944, staff gage and July 12, 1944, to June 22, 1949, wire-weight gage, at same site and datum

Average discharge --25 years (1940-65), 309 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (6,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	0300	16,700	18 61	Apr 12, 1962	1700	* 7,800	16 95	Apr 28, 1964	0800	8,200	17 05
Feb 25, 1961	1730	* 30,300	20 10					Dec 27, 1964	0330	6,280	16 57
Mar 7, 1961	1230	7,040	18 76	Jan 21, 1963	0900	* 7,120	16 78	Jan 24, 1965	0900	* 14,700	18 33
Mar 31, 1961	1900	16,000	18 52	Apr 8, 1964	1700	* 12,300	17 93	Mar 18, 1965	2200	6,200	16 55
Apr 1, 1962	1900	6,440	16 61	Apr 14, 1964	2330	6,240	16 56				

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	0 20	-	1964	Several days	0	-
1962	Many days	0	-	1965	Sept 25-28, 1965	10	-
1963	do	0	-				

1937-38, 1940-65 Maximum discharge, 37,000 cfs Nov 27, 1948 (gage height, 21.3 ft, from floodmark), from rating curve extended above 25,000 cfs, no flow at times

Remarks --Records good above 100 cfs, fair between 10 and 100 cfs, poor below 10 cfs, and poor for period of no gage-height record

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	46	4.4	10	472	106	923	11,400	66	3.4	75	4.0	1.3
2	24	3.2	12	371	82	497	3,410	325	3.2	59	4.0	2.5
3	15	1.9	9.5	214	273	286	1,610	230	3.0	60	24	1.5
4	11	1.8	7.4	100	431	157	860	94	2.7	41	11	16
5	8.8	1.8	5.9	62	410	111	311	46	2.7	18	6.3	14
6	15	1.4	5.3	46	351	241	196	26	9.1	12	19	16
7	96	2.5	4.9	536	5,000	203	19	2.8	8.1	26	10	
8	167	1.8	4.7	34	701	3,950	237	16	1.6	6.8	13	6.8
9	99	2.4	4.7	35	619	2,430	498	19	1.6	5.9	16	3.4
10	44	1.6	4.9	35	494	1,550	887	21	1.2	32	10	2.1
11	22	1.7	5.3	31	268	947	740	20	.90	37	7.0	1.9
12	14	1.8	5.1	24	132	252	1,560	19	.80	211	5.1	1.9
13	10	3.0	4.7	21	93	146	2,550	16	.90	471	4.8	1.7
14	8.3	4.2	4.9	82	74	284	2,120	13	1.0	594	4.5	1.6
15	7.4	5.7	14	149	63	363	1,840	13	.90	482	4.2	1.4
16	5.9	9.9	28	138	55	400	1,840	10	3.3	126	4.0	1.3
17	5.5	18	13	88	52	345	1,580	9.0	1.9	53	4.8	1.1
18	5.3	14	20	58	1,160	2,270	959	7.6	1.6	141	4.8	1.0
19	4.4	11	13	90	8,500	2,730	195	7.2	1.6	102	3.7	1.0
20	4.0	9.8	10	323	12,700	1,990	96	7.0	95	49	4.0	1.0
21	3.3	9.3	14	292	6,650	1,380	69	6.3	334	71	3.0	.70
22	2.8	10	18	146	2,600	574	56	5.5	225	22	1.5	.60
23	2.4	66	25	83	1,880	218	45	5.1	96	17	3.0	.60
24	3.4	54	19	61	3,580	128	39	4.0	925	16	12	.30
25	2.2	23	15	273	22,100	91	36	4.0	978	9.7	4.0	.30
26	2.4	21	14	805	12,200	72	31	7.2	1,070	7.8	1.5	.30
27	2.2	13	13	896	2,500	63	67	5.7	1,260	6.1	3.0	.30
28	2.2	9.3	13	802	1,490	387	205	4.9	930	7.4	4.5	.30
29	2.0	13	13	702	-----	1,100	212	4.7	333	5.3	3.0	.30
30	1.9	13	124	402	-----	1,260	87	4.7	83	4.0	1.4	.20
31	3.2	-----	287	166	-----	8,890	-----	3.6	-----	3.8	1.2	-----
TOTAL	640.4	333.5	742.3	7,039	80,100	39,035	33,939	1,039.5	6,373.20	2,753.9	218.3	91.40
MEAN	20.7	11.1	23.9	227	2,861	1,259	1,131	33.5	212	88.8	7.04	3.05
MAX	167	66	287	896	22,100	8,890	11,400	325	1,260	594	26	16
MIN	1.9	1.4	4.7	21	52	63	31	3.6	.80	3.8	1.2	.20
CFSM	.08	.05	.10	.92	11.6	5.10	4.58	.14	.86	.36	.03	.01
IN.	.10	.05	.11	1.06	12.1	5.88	5.11	.16	.96	.41	.03	.01

CAL YR 1960: TOTAL 115,551.60 MEAN 316 MAX 5,630 MIN .30 CFSM 1.28 IN 27.40
WAT YR 1961: TOTAL 172,305.50 MEAN 472 MAX 22,100 MIN .20 CFSM 1.91 IN 27.94

2-4220 Big Swamp Creek near Lowndesboro, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.20	.20	.6	68	138	152	4,610	86	.80	.90	.20	0
2	.20	.10	.6	70	107	951	3,140	45	1.0	.60	.10	0
3	.30	.20	.7	67	89	1,320	1,560	26	.70	.40	.10	0
4	.30	.30	.9	53	75	1,360	661	16	.60	2.0	.10	0
5	.20	.50	1.0	115	67	942	192	11	.50	2.0	.10	3.4
6	.20	.20	1.0	1,100	67	274	859	8.0	.50	1.0	.50	19
7	.30	.20	1.7	1,610	61	130	1,800	7.0	.40	3.0	.80	2.3
8	.40	.10	1.7	2,270	49	98	1,510	6.0	.40	2.0	.50	23
9	.30	.10	1.6	1,450	46	108	1,070	5.0	.40	4.0	.30	16
10	.20	.10	2,320	724	44	226	328	5.0	1.0	3.0	.20	5.0
11	.20	.10	2,170	221	42	1,040	184	5.0	100	2.0	.10	1.4
12	.30	.20	3,280	128	37	907	4,650	4.0	22	1.0	0	.80
13	.20	.30	5,520	93	32	628	5,560	4.0	21	.80	.10	.60
14	.20	.80	4,580	88	31	522	2,510	3.0	9.3	.60	8.8	.90
15	.20	3.0	4,350	331	31	623	1,410	3.0	5.5	4.0	32	1.3
16	.20	2.0	2,990	499	95	614	439	3.0	4.6	1.0	14	4.2
17	.20	1.0	2,360	414	300	599	124	2.0	4.5	.50	15	4.0
18	.10	.80	2,450	397	388	357	87	2.0	5.0	.20	6.0	2.2
19	.10	.70	1,620	2,240	346	141	68	2.0	5.2	.20	2.5	1.2
20	.10	.60	1,250	2,420	319	99	57	2.0	21	.20	.80	.60
21	.10	.50	747	1,790	375	112	47	2.0	92	.20	.40	.30
22	.10	.40	270	1,400	549	217	38	2.0	14	.20	.30	.20
23	.10	4.5	135	715	539	124	31	1.0	7.5	.10	.10	.10
24	.10	4.3	102	292	1,190	82	26	1.0	4.4	.10	.10	.10
25	.30	1.3	79	211	1,560	177	24	1.0	28	.10	0	.10
26	.20	.90	63	166	1,250	450	23	1.0	13	.10	0	.40
27	.20	.80	54	229	852	472	23	.90	9.0	0	0	3.8
28	.20	.80	53	484	261	485	41	.80	5.5	0	0	1.4
29	.20	.90	49	466	-----	182	251	.70	3.0	0	0	.60
30	.20	.70	44	424	-----	103	158	.80	2.0	0	0	.30
31	.30	-----	39	243	-----	790	-----	.90	-----	.10	0	-----
TOTAL	6.60	26.60	34,534.8	20,778	8,940	14,285	31,461	257.10	382.90	30.30	83.10	93.20
MEAN	.21	.89	1,114	670	319	461	1,049	8.29	12.8	.98	2.68	3.11
MAX	.50	4.5	5,520	2,420	1,560	1,360	5,560	86	100	4.0	32	23
MIN	.10	.10	.60	53	31	82	23	.40	0	0	0	0
CFSM	.0008	.0004	4.51	2.71	1.29	1.87	4.25	.03	.05	.004	.01	.01
IN.	.0009	.004	5.20	3.13	1.35	2.15	4.74	.04	.06	.005	.01	.01

CAL YR 1961: TOTAL 205,157.30 MEAN 562 MAX 22,100 MIN 0⁻¹⁰ CFSM 2.25 IN 30.89
WAT YR 1962: TOTAL 110,876.60 MEAN 304 MAX 3,560 MIN 0 CFSM 1.23 IN 16.69

Note --No gage-height record May 5 to June 10

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.60	.40	5.5	39	604	93	26	34	9.9	18	8.4	.20
2	1.7	.50	4.2	22	494	84	22	14	5.0	12	4.0	.10
3	3.8	.40	4.0	16	1,280	80	20	9.6	2.8	10	1.5	.10
4	4.4	.30	3.8	13	1,410	457	18	6.2	1.5	6.5	1.1	0
5	5.3	.30	3.6	10	943	956	17	4.8	1.1	3.8	.60	0
6	1.8	.50	2.8	10	461	2,550	26	3.2	.70	2.5	.40	0
7	1.0	.50	2.0	10	172	3,140	104	2.6	.60	1.2	.20	0
8	14	1.1	1.8	10	106	1,950	117	2.0	.60	6.6	.20	0
9	40	6.1	1.5	10	76	1,200	76	1.8	.60	14	.10	0
10	13	2.9	1.4	11	58	337	40	1.5	.50	45	.10	0
11	5.4	.80	1.3	19	232	154	27	1.3	.40	25	.10	0
12	1.7	.30	1.3	259	870	150	22	1.2	.20	9.8	11	0
13	1.0	.40	1.2	294	884	248	19	1.1	.10	5.2	38	0
14	.60	.50	1.3	250	640	273	16	1.1	.10	3.4	52	0
15	.50	.40	1.9	118	281	214	13	.80	0	4.8	41	0
16	.50	.30	2.2	51	121	171	11	.80	0	7.6	36	0
17	.50	.30	2.6	33	82	129	10	.80	0	43	13	0
18	.50	.50	1.8	829	65	102	9.6	.70	0	239	5.8	0
19	.90	1.0	1.4	1,380	912	82	8.1	.80	.10	64	2.5	0
20	.60	1.0	1.3	3,330	1,200	180	7.5	.60	2.3	62	1.9	0
21	.50	167	1.3	5,970	1,120	252	7.2	.50	.70	16	5.8	0
22	.60	289	3.4	3,270	809	140	6.8	.50	2.1	8.1	1.3	0
23	.90	265	4.1	1,800	215	73	5.5	.50	47	5.0	.60	0
24	.60	135	3.0	1,140	206	48	5.0	.40	305	3.2	.50	0
25	.50	49	12	316	384	40	5.0	.40	83	2.6	.30	0
26	.40	23	15	143	368	163	4.4	.50	16	2.5	.30	0
27	.30	15	39	124	260	166	3.4	1.3	8.4	1.9	.40	0
28	.20	10	27	107	129	112	3	179	5	1.5	.60	7.4
29	.20	7.5	36	78	-----	64	40	537	6.2	.90	.60	2.6
30	.30	6.2	37	290	-----	42	61	183	4.8	.60	.60	.50
31	.30	-----	67	746	-----	32	-----	32	-----	.50	.50	-----
TOTAL	102.60	985.20	291.7	20,698	14,382	13,682	715.1	1,024.00	514.70	626.20	229.40	10.90
MEAN	3.31	32.8	9.41	666	514	441	23.0	33.0	17.2	20.2	7.40	.36
MAX	40	289	67	5,970	1,410	3,140	117	537	305	239	52	7.4
MIN	.20	.30	1.2	10	58	32	3.4	.40	0	.50	.10	0
CFSM	.01	.13	.04	2.70	2.08	1.79	.10	.13	.07	.08	.03	.001
IN.	.02	.15	.04	3.12	2.17	2.06	.11	.15	.08	.09	.03	.002

CAL YR 1962: TOTAL 77,690.10 MEAN 213 MAX 3,560 MIN 0 CFSM .86 IN 11.70
WAT YR 1963: TOTAL 53,261.80 MEAN 146 MAX 5,970 MIN 0 CFSM .59 IN 8.02

2-4220 Big Swamp Creek near Lowndesboro, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.10	0	2.5	205	217	512	39	1,790	5.7	114	36	6.4
2	.10	0	18	420	178	869	42	1,930	4.0	130	86	6.4
3	.20	0	16	338	113	3,380	37	2,270	5.7	73	228	5.9
4	.10	0	12	175	83	3,010	36	2,250	4.0	199	121	14
5	.10	.10	8.1	79	75	2,350	36	1,480	5.7	193	52	17
6	.10	.30	5.5	166	125	1,630	1,260	519	6.4	72	46	13
7	.10	.50	3.2	836	152	1,360	2,320	110	6.2	23	43	9.5
8	.10	.50	2.8	762	136	73	7,470	74	4.0	13	42	7.1
9	0	.50	3.0	1,870	124	209	3,950	50	2.0	12	122	4.8
10	0	.60	2.0	2,210	96	147	2,060	41	1.0	8.5	98	3.0
11	.10	.70	2.6	1,710	74	121	1,370	35	.80	4.6	197	3.7
12	0	.70	365	1,400	73	102	414	32	.60	41	345	151
13	0	.70	240	608	151	78	398	34	.60	86	303	397
14	.10	.60	592	142	954	180	2,820	38	.60	156	284	581
15	.20	.60	530	78	1,040	3,750	5,560	36	.50	137	113	770
16	.20	.60	394	66	1,150	2,500	2,700	26	.60	62	32	305
17	.30	.394	792	1,030	792	1,730	1,490	22	.50	27	18	52
18	.30	1.0	106	1,500	1,760	1,290	578	20	.50	50	12	23
19	.30	1.3	45	1,670	2,420	399	128	18	.50	70	9.2	16
20	.40	1.4	28	1,740	2,140	556	82	17	.40	76	7.6	14
21	.40	7.0	22	1,640	1,430	517	60	15	.40	112	4.6	11
22	.30	8.7	20	666	606	406	90	13	.30	132	12	10
23	.30	13	19	515	170	184	42	12	.30	156	47	10
24	.30	13	20	354	112	112	37	14	.20	81	22	8.5
25	.30	14	21	1,650	366	98	34	13	12	243	24	7.1
26	.30	14	24	1,530	644	110	132	10	48	135	14	5.9
27	.30	11	21	905	604	98	2,810	7.6	17	33	8.2	5.2
28	.30	5.6	18	307	822	86	6,760	5.7	11	83	5.0	5.2
29	.20	15	16	141	688	60	5,440	4.0	5.4	152	3.0	12
30	0	7.5	15	98	-----	50	3,060	3.0	2.7	128	2.7	297
31	0	-----	18	127	-----	43	-----	5.4	-----	75	3.2	-----
TOTAL	5.50	119.70	2,883.7	24,700	17,533	26,674	51,215	10,494.7	147.60	2,877.1	2,347.5	2,771.7
MEAN	.18	3.99	93.0	797	605	860	1,707	339	4.92	92.8	75.7	92.4
MAX	.40	15	592	2,210	2,420	3,750	7,470	2,270	48	243	345	770
MIN	0	0	2.0	43	73	63	34	3.0	4.6	2.7	3.0	3.0
CFSM	.0007	.02	.38	3.23	2.45	3.48	6.91	1.37	.02	.38	.21	.37
IN.	.0008	.02	.43	3.72	2.64	4.02	7.71	1.58	.02	.43	.35	.42

CAL YR 1963: TOTAL 54,891.20 MEAN 150 MAX 5,970 MIN 0 CFSM 1.62 IN 8.26
 NAT YR 1964: TOTAL 141,769.50 MEAN 387 MAX 7,470 MIN 0 CFSM 1.57 IN 21.33

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	225	9.8	370	141	88	241	130	16	1.6	.20	9.5	4.2
2	88	9.2	164	116	84	1,820	100	12	1.5	.20	5.2	86
3	38	9.2	97	118	104	2,240	86	11	1.2	.20	3.2	251
4	48	7.9	131	122	94	1,810	190	9.8	.70	.30	1.3	28
5	1,300	7.4	228	102	72	1,360	260	7.6	.50	1.9	1.3	12
6	1,980	7.4	178	81	286	1,030	167	6.6	.30	1.8	7.3	6.2
7	1,980	7.1	100	71	3,200	477	106	6.6	1.2	3.0	26	3.2
8	1,400	6.9	68	66	3,340	184	80	6.2	2.4	53	142	1.5
9	407	6.6	54	62	1,840	133	64	5.9	1.2	4.8	30	1.0
10	70	6.4	47	376	1,230	112	95	5.0	4.8	1.9	8.5	.60
11	38	6.2	45	398	380	102	48	4.4	3.6	1.6	75	.70
12	26	8.8	253	204	1,450	736	41	4.2	2.5	1.6	16	.60
13	21	13	406	116	2,000	1,910	37	4.0	1.3	.70	67	.50
14	18	15	338	92	1,690	1,710	32	3.4	.60	.60	72	.40
15	498	15	160	78	1,170	1,330	28	3.0	.40	1.8	29	.30
16	1,080	15	96	157	394	445	26	2.4	7.3	1.6	13	.20
17	1,280	18	74	213	1,690	333	23	1.6	8.8	9.9	5.9	.20
18	1,150	20	73	135	4,830	4,400	20	1.4	4.8	7.1	3.8	.20
19	360	23	98	88	3,200	3,680	51	1.4	2.7	6.4	2.7	.20
20	88	31	97	73	1,670	1,680	732	1.3	1.3	2.7	19	.20
21	50	30	113	65	894	886	483	1.0	.50	1.1	19	.20
22	36	38	172	60	244	246	166	.90	.30	.50	9.5	.20
23	26	22	151	4760	164	213	64	.80	.20	.62	6.2	.20
24	24	29	142	12,700	135	446	40	.70	.20	.20	3.6	.20
25	20	1,100	1,990	4,210	234	275	32	.70	.20	.20	1.6	.10
26	18	1,420	3,870	1,680	297	216	58	1.0	.20	.40	1.0	.10
27	17	1,380	4,430	1,000	175	568	68	1.0	.20	.30	5.80	.10
28	15	1,290	1,940	252	114	825	88	1.4	.40	.30	5.2	.10
29	13	695	1,460	140	-----	1,110	54	5.7	.50	149	21	.20
30	12	455	732	118	-----	531	26	.30	.30	82	12	37
31	11	-----	208	102	-----	196	-----	2.1	-----	11	6.4	-----
TOTAL	12,340	6,701.9	18,285	27,916	31,089	31,245	3,355	132.10	51.70	344.50	624.00	435.60
MEAN	398	223	590	901	1,110	1,008	112	4.26	1.72	11.1	20.1	14.5
MAX	1,980	1,420	4,430	12,700	4,830	4,400	732	16	8.8	149	142	251
MIN	11	6.2	45	60	72	102	20	.70	.20	.20	.80	.10
CFSM	1.61	.90	2.39	3.65	4.50	4.08	.45	.02	.007	.04	.08	.06
IN.	1.86	1.01	2.75	4.20	4.68	4.70	.51	.02	.008	.05	.09	.07

CAL YR 1964: TOTAL 176,087.30 MEAN 483 MAX 7,470 MIN .10 CFSM 1.27 IN 18.88
 NAT YR 1965: TOTAL 129,519.50 MEAN 387 MAX 12,700 MIN .10 CFSM 1.27 IN 18.88

2-4225 Mulberry Creek at Jones, Ala

Location --Lat 32°35', long 86°54', in E $\frac{1}{2}$ 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

Records available --October 1938 to September 1965 Prior to October 1959, published as Mulberry River at Jones

Gage --Digital water-stage recorder Datum of gage is 165.23 ft above mean sea level, datum of 1929, supplementary adjustment of 1943. Prior to June 2, 1939, staff gage at site 50 ft upstream, and June 3, 1939, to Aug 3, 1960, graphic water-stage recorder at same site and datum

Average discharge --27 years, 318 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (4,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	0600	5,070	9 54	Dec 15, 1961	1645	5,740	10 63	Mar 15, 1964	0945	5,430	10 13
Feb 25, 1961	0800	* 5,340	9 99	Dec 18, 1961	0630	6,290	11 42	Apr 6, 1964	1345	* 11,600	18 13
Apr 1, 1961	0130	5,050	9 50	Apr 13, 1962	0045	6,910	12 26	Apr 13, 1964	2400	4,420	8 45
Dec 12, 1961	1945	* 8,410	14 14	Mar 13, 1963	1300	* 5,570	10 63	Jan 23, 1965	1945	* 3,510	7 16

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 5, 1960	59	0 74	1964	Oct 21, 22, 1963	54	1 16
1962	Aug 28, 29, 1962	53	97	1965	Sept 17, 18, 23, 1965	65	1 77
1963	Sept 24-26, 1963	51	1 12				

1938-65 Maximum discharge, 32,800 cfs Aug 16, 1939 (gage height, 30.38 ft), minimum daily, 27 cfs Oct 6, 1954

Maximum stage known, 33.6 ft in April 1938, from information by local residents (discharge, 48,000 cfs, from rating curve extended above 30,000 cfs)

Remarks --Records fair

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	75	107	106	209	140	858	3,220	245	102	146	78	144
2	68	88	97	150	138	723	1,000	273	99	157	77	144
3	63	76	94	120	282	643	825	236	96	150	127	144
4	60	73	93	111	274	584	803	214	94	242	172	140
5	66	71	91	105	185	544	665	203	93	164	109	114
6	284	71	90	105	169	551	587	195	91	128	89	110
7	250	70	91	104	235	1,570	517	192	90	112	97	108
8	189	70	91	104	315	1,700	442	184	89	116	120	94
9	141	70	90	102	217	1,410	604	219	88	124	139	89
10	109	75	88	98	188	723	656	207	92	113	112	84
11	93	83	113	96	171	621	427	194	92	127	93	84
12	86	79	120	96	162	582	2,390	216	89	176	86	93
13	82	74	99	105	154	614	1,120	196	101	223	82	87
14	79	73	92	146	150	626	607	177	96	167	78	87
15	82	72	120	148	146	536	614	166	114	140	81	90
16	83	71	140	124	141	488	511	158	390	120	151	83
17	78	73	113	111	149	452	425	148	201	111	90	74
18	74	76	99	103	1,760	1,380	394	145	138	110	77	71
19	74	73	94	134	3,550	1,040	374	139	118	106	71	73
20	92	72	96	210	4,670	657	353	135	165	120	70	72
21	99	71	124	146	4,330	655	333	131	378	175	69	73
22	84	71	122	121	4,360	581	317	125	240	120	70	72
23	79	186	105	117	4,390	492	305	123	150	123	72	71
24	75	205	100	118	3,040	634	289	128	126	100	73	68
25	73	119	98	124	5,150	375	278	184	222	92	77	65
26	72	99	98	321	2,780	336	450	171	641	90	79	63
27	72	94	97	345	1,170	305	425	151	1,050	90	95	62
28	72	100	95	203	989	1,200	303	133	315	157	98	61
29	71	125	93	171	-----	1,240	252	120	212	87	83	60
30	75	136	105	153	-----	980	235	112	169	89	71	60
31	100	-----	131	143	-----	3,930	-----	107	-----	92	116	-----
TOTAL	3,000	2,723	3,185	4,443	39,405	26,840	19,821	5,122	5,261	4,067	2,902	2,680
MEAN	96.8	90.8	103	143	1,407	866	661	162	168	131	91.6	88.0
MAX	284	205	140	345	5,150	3,930	3,220	273	1,050	242	172	144
MIN	60	70	88	96	138	305	235	107	88	87	69	60
CFSM	.47	.44	.49	.69	6.77	4.16	3.18	.83	.95	.63	.45	.42
IN.	.54	.49	.57	.79	7.05	4.80	3.34	.95	1.06	.73	.52	.47

CAL YR 1960: TOTAL 69,025 MEAN 189 MAX 2,780 MIN 47 CFSM .91 IN 12.34
 MAY YR 1961: TOTAL 120,294 MEAN 330 MAX 5,150 MIN 60 CFSM 1.58 IN 21.51

2-4225 Mulberry Creek at Jones, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	59	60	92	565	523	540	1,100	405	152	98	74	55
2	60	60	92	394	501	516	567	354	139	91	71	55
3	77	65	93	328	481	560	474	326	130	87	69	55
4	80	78	92	307	461	501	442	307	119	86	76	55
5	72	90	97	402	453	455	501	289	111	144	87	55
6	67	80	148	1,540	408	409	1,370	272	106	218	145	55
7	65	70	146	669	390	378	1,690	254	101	242	126	64
8	66	67	116	457	369	378	891	240	101	169	91	85
9	65	65	250	400	390	516	696	224	100	123	88	82
10	63	65	4,150	369	369	567	604	212	109	99	77	65
11	60	66	2,820	334	341	966	761	204	148	90	68	60
12	68	7,100	308	334	1,050	334	5,000	196	357	86	64	62
13	59	73	5,280	296	334	572	3,870	186	435	85	63	62
14	60	82	2,670	320	327	501	1,070	178	153	83	62	214
15	59	90	5,270	660	320	525	869	171	118	85	70	546
16	60	105	3,150	528	418	479	748	166	105	125	78	165
17	58	107	2,070	366	426	669	959	98	111	80	141	90
18	58	83	5,570	390	334	404	611	152	95	87	76	168
19	57	75	2,680	2,840	465	395	555	147	100	88	65	107
20	56	71	963	1,690	380	388	492	145	191	80	61	90
21	57	70	766	712	1,000	420	435	139	165	74	59	83
22	59	661	640	1,870	372	399	135	111	72	76	61	76
23	62	308	644	801	1,250	350	379	131	97	72	85	76
24	60	307	548	1,060	1,840	339	517	129	93	69	89	74
25	59	139	469	685	925	388	948	127	98	72	74	73
26	58	111	425	615	837	463	425	122	114	115	62	83
27	57	101	417	1,320	710	356	362	119	136	100	57	84
28	57	100	407	1,620	627	325	478	117	117	82	55	80
29	59	96	333	928	-----	313	1,160	114	114	77	54	76
30	61	93	301	712	-----	315	526	124	105	79	54	73
31	61	-----	346	580	-----	1,290	-----	162	-----	76	55	-----
TOTAL	1,911	2,915	48,186	22,839	16,995	15,469	28,609	6,008	4,118	3,165	2,196	3,019
MEAN	61.6	97.2	1,554	737	607	499	954	194	137	102	74.1	101
MAX	80	308	7,100	2,840	1,870	1,290	5,000	405	435	242	145	546
MIN	56	60	92	296	320	313	362	114	93	69	54	55
CFSM	.30	.47	7.47	3.54	2.92	2.40	4.58	.93	.66	.49	.36	.48
IN.	.34	.52	8.62	4.08	3.04	2.77	5.12	1.07	.74	.57	.41	.54
CAL YR 1961: TOTAL	164,398			MEAN 450		MAX 7,100	MIN 56	CFSM 2.17	IN 29.39			
WAT YR 1962: TOTAL	155,530			MEAN 426		MAX 7,100	MIN 54	CFSM 2.05	IN 27.81			

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	82	71	91	112	476	300	243	314	122	176	137	64
2	105	72	88	107	443	554	230	238	110	152	112	61
3	152	86	72	106	1,320	337	203	226	99	141	98	58
4	111	74	86	680	680	309	213	188	97	132	92	61
5	81	72	93	100	476	399	200	180	94	118	85	64
6	72	72	98	103	435	1,890	210	166	93	112	82	63
7	68	74	93	105	402	769	118	180	90	106	84	53
8	67	85	100	145	220	355	511	154	87	178	83	58
9	76	203	97	97	317	467	190	141	87	222	77	56
10	73	188	90	94	301	434	192	132	84	141	74	55
11	68	110	88	186	320	400	182	129	84	113	73	54
12	66	102	88	560	360	1,480	184	127	81	102	79	53
13	65	101	82	252	294	5,100	182	122	77	99	82	53
14	66	92	91	186	262	1,530	158	124	75	108	85	60
15	65	88	94	161	240	724	150	127	76	119	103	111
16	64	86	97	147	225	605	148	122	83	113	82	78
17	67	85	103	145	220	585	146	113	81	124	77	70
18	68	96	97	600	221	565	139	110	87	190	76	65
19	66	99	93	678	621	461	139	106	112	130	72	62
20	64	113	91	1,510	442	796	223	108	122	109	69	60
21	68	237	91	1,100	330	505	559	113	132	103	76	57
22	74	315	113	466	272	380	248	109	103	118	82	55
23	73	152	127	423	253	338	184	99	1,130	93	75	53
24	69	112	107	379	294	311	160	98	1,740	406	70	53
25	67	104	242	324	289	296	172	98	494	349	68	52
26	68	99	234	328	257	680	200	260	281	166	66	56
27	95	147	249	239	272	1870	254	186	153	172	72	54
28	70	92	126	284	209	355	386	614	370	129	68	277
29	70	94	146	258	-----	305	411	355	269	124	68	220
30	71	94	163	475	-----	275	838	204	206	112	69	106
31	71	-----	123	743	-----	258	-----	139	-----	168	67	-----
TOTAL	2,320	3,371	3,461	10,573	10,543	22,489	7,116	5,362	7,278	4,582	2,503	2,338
MEAN	74.8	112	112	341	377	725	237	173	243	148	80.7	77.9
MAX	152	335	242	1,510	1,320	5,100	838	614	1,740	406	137	277
MIN	64	71	82	94	209	258	139	98	75	93	66	52
CFSM	.36	.54	.54	1.64	1.81	3.49	1.14	.83	1.17	.71	.39	.37
IN.	.41	.60	.62	1.89	1.89	4.02	1.27	.96	1.30	.82	.45	.42
CAL YR 1962: TOTAL	111,670			MEAN 306		MAX 5,000	MIN 54	CFSM 1.47	IN 12.97			
WAT YR 1963: TOTAL	81,940			MEAN 224		MAX 5,100	MIN 52	CFSM 1.08	IN 12.87			

MOBILE RIVER BASIN

2-4225 Mulberry Creek at Jones, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	81	66	109	189	507	338	377	473	138	184	178	98
2	74	73	100	170	365	1,400	366	490	131	210	157	98
3	72	72	118	166	317	2,900	357	521	123	288	128	90
4	70	68	115	174	288	1,180	351	440	117	259	136	88
5	67	66	99	163	298	1,930	340	393	115	181	838	91
6	64	69	95	166	361	949	7,920	356	180	130	241	96
7	62	70	94	256	295	758	6,520	324	180	114	172	91
8	61	70	103	201	272	685	3,730	304	140	111	157	90
9	59	71	115	1,150	249	653	1,740	287	120	248	126	86
10	59	71	102	515	236	783	1,060	280	116	182	119	84
11	58	72	140	300	249	588	850	265	163	159	125	91
12	58	69	444	278	237	504	784	262	268	276	277	145
13	58	71	298	241	266	456	2,990	314	136	194	686	134
14	57	72	535	209	497	1,380	3,330	250	113	158	272	108
15	57	74	348	194	391	4,580	1,080	226	107	143	180	99
16	56	76	221	195	446	3,150	784	211	105	121	166	94
17	56	74	178	233	342	1,200	656	202	99	109	183	90
18	57	72	159	217	1,100	926	587	193	101	107	155	96
19	57	72	144	192	702	834	528	185	99	104	137	120
20	57	73	138	237	470	917	475	194	94	106	127	115
21	57	72	137	219	412	792	431	178	91	121	122	105
22	56	71	130	184	374	635	400	168	91	121	145	102
23	56	116	148	177	341	559	379	165	108	106	157	96
24	59	135	150	444	318	528	345	162	136	130	151	92
25	61	97	131	2,830	485	518	359	156	181	150	122	87
26	62	87	124	1,130	525	842	748	151	165	122	111	87
27	61	85	121	574	419	660	2,060	141	142	108	105	85
28	61	103	117	480	433	497	754	135	121	130	102	110
29	59	269	113	406	370	443	790	129	116	129	102	147
30	59	191	111	364	-----	400	506	134	128	135	100	406
31	59	-----	133	397	-----	383	-----	135	-----	135	98	-----
TOTAL	1,890	2,647	5,070	12,651	11,565	32,368	41,597	7,924	3,924	4,771	5,875	3,221
MEAN	61.0	85.2	164	408	368	1,040	1,312	252	131	138	190	100
MAX	81	269	535	2,830	1,100	4,580	7,920	521	268	288	838	406
MIN	56	66	94	163	236	338	340	129	91	104	98	84
CFSM	-.29	-.42	-.79	1.96	1.92	5.02	6.67	1.21	-.63	-.74	-.91	-.53
IN.	-.34	-.47	-.91	2.26	2.07	5.79	7.44	1.40	-.70	-.85	1.05	-.59

CAL YR 1963: TOTAL 92,395 MEAN 226 MAX 5,100 MIN 52 CFSM 1.09 IN 14.73
WAT YR 1964: TOTAL 133,503 MEAN 365 MAX 7,920 MIN 56 CFSM 1.75 IN 23.87

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	226	114	170	224	289	479	336	145	83	142	156	92
2	145	112	163	211	353	2,230	315	145	79	140	139	122
3	131	111	164	257	281	1,050	316	138	78	134	121	147
4	277	113	344	236	248	681	436	132	77	131	112	124
5	817	112	435	201	234	565	369	128	77	147	108	103
6	309	108	254	193	289	513	317	124	76	165	110	94
7	190	108	212	192	875	476	296	121	242	283	109	88
8	162	107	199	189	582	436	300	118	394	843	137	77
9	146	107	185	193	442	403	291	115	175	299	141	72
10	138	110	179	336	398	377	271	112	206	181	128	70
11	131	110	253	310	572	352	250	109	1,180	158	131	75
12	129	107	529	226	2,190	1,040	245	107	776	139	113	79
13	131	105	370	207	1,220	1,000	233	103	290	119	158	80
14	129	105	267	196	631	554	212	100	263	108	118	85
15	322	104	223	194	537	498	207	98	231	129	102	79
16	519	103	205	216	474	470	247	95	203	380	95	71
17	243	102	200	206	790	527	212	93	185	182	92	67
18	183	100	223	189	964	741	196	93	190	125	89	66
19	159	109	220	183	615	478	193	92	148	109	88	70
20	142	241	245	178	502	398	198	91	127	106	87	69
21	136	211	333	175	484	350	180	88	122	99	98	70
22	135	139	257	173	446	328	172	90	118	97	105	70
23	131	118	241	1,990	404	448	171	94	114	96	94	69
24	128	170	255	1,990	425	564	166	100	108	1,400	87	73
25	126	620	397	583	482	421	163	94	127	1,450	81	72
26	126	290	469	513	359	404	173	88	121	357	77	75
27	122	194	412	445	325	582	209	91	109	229	105	68
28	127	235	284	389	310	435	186	119	113	305	312	68
29	127	296	245	368	-----	485	161	119	125	611	163	69
30	123	198	233	344	-----	451	151	103	128	279	112	244
31	118	-----	231	299	-----	388	-----	88	-----	191	101	-----
TOTAL	6,028	4,759	8,397	11,606	15,721	18,024	7,170	3,333	6,265	9,134	3,669	2,608
MEAN	194	159	271	374	507	581	230	108	205	295	118	86.9
MAX	817	620	529	1,990	2,190	2,230	436	145	1,180	1,450	312	244
MIN	118	100	163	173	234	328	151	88	76	96	77	66
CFSM	-.93	-.76	1.30	1.80	2.70	2.80	1.15	-.52	1.00	1.42	-.57	-.42
IN.	1.08	-.85	1.50	2.08	2.81	3.22	1.28	-.60	1.12	1.63	-.66	-.47

CAL YR 1964: TOTAL 143,080 MEAN 391 MAX 7,920 MIN 84 CFSM 1.88 IN 25.58
WAT YR 1965: TOTAL 96,714 MEAN 265 MAX 2,250 MIN 66 CFSM 1.27 IN 17.29

2-4230 Alabama River at Selma, Ala

Location --Lat 32°24', long 87°01', in SE¹ 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

Records available --January to December 1899 (gage heights only), January 1900 to December 1913, and June 1928 to September 1965 Gage-height records since December 1890 are contained in reports of U S Weather Bureau

Gage --Water-stage recorder Datum of gage is 61.80 ft above mean sea level, datum of 1929 Prior to Mar 22, 1906, staff gage Mar 22, 1906, to June 21, 1928, chain gage, June 22, 1928, to Apr 11, 1938, water-stage recorder, and Apr 12, 1938, to May 21, 1940, wire-weight gage, all at site 300 ft upstream at present datum Since Dec '6, 1962, auxiliary water-stage recorder, 3.2 miles downstream

Average discharge --50 years (1900-13, 1928-65), 26,330 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Mar 1, 1961	284,000	57.97	Nov 8, 1960	6,980	2.16
1962	Dec 22, 1961	158,000	51.20	Sept 10, 1962	6,760	2.01
1963	May 5, 1963	105,000	53.35	Sept 9, 1963	6,480	1.82
1964	Apr 12, 1964	199,000	53.33	Nov 20, 1963	6,600	1.65
1965	Feb 19, 1965	97,000	53.6	Sept 29, 1965	7,100	2.20

1900-13, 1928-65 Maximum discharge, 284,000 cfs Mar 1, 1961 (gage height, 57.97 ft), minimum discharge observed, 2,660 cfs Nov 1, 1904 (gage height, -2.20 ft)

The flood of Apr 8, 1886, reached a stage of 57.0 ft, from floodmarks established by Corps of Engineers, discharge, 248,000 cfs (revised)

Remarks --Records good except those for the period Dec 25, 1964, to Feb 25, 1965, which are fair Flow regulated by reservoirs on Etowah, Coosa, and Tallapoosa Rivers (see p 630-633) Records of water temperature for water years 1963-65 are published in reports of the Geological Survey Geological Survey

Revisions --WSP 662 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	18,600	7,600	12,000	17,400	12,300	279,000	102,000	43,900	14,000	42,000	11,300	21,500
2	17,500	8,500	12,400	16,500	11,100	256,000	121,000	42,000	13,700	36,400	11,900	41,500
3	13,200	10,500	12,400	12,900	10,100	225,000	122,000	40,400	15,800	30,300	13,200	41,100
4	9,030	10,700	13,600	15,800	9,900	198,000	122,000	39,400	13,800	24,300	13,600	31,800
5	10,700	9,800	11,300	18,200	10,400	179,000	111,000	36,300	11,100	19,300	13,100	22,700
6	14,800	10,000	8,540	17,300	13,000	160,000	94,900	33,100	9,940	15,500	11,600	17,400
7	17,100	9,800	8,940	14,500	149,000	74,200	30,700	9,800	15,000	9,900	16,000	16,000
8	20,200	7,300	10,800	18,100	17,500	142,000	56,300	29,000	11,900	17,300	9,950	15,400
9	23,000	7,760	11,300	16,300	20,400	134,000	46,500	26,200	13,700	17,100	11,200	15,900
10	20,800	8,740	13,100	14,700	21,900	131,000	43,100	24,900	15,900	15,900	12,400	15,900
11	17,100	8,840	12,200	13,700	22,000	123,000	42,300	22,200	14,900	15,700	14,400	12,200
12	17,500	9,430	9,560	11,000	20,800	114,000	46,200	24,100	12,200	15,000	15,700	9,830
13	19,600	11,200	8,720	8,680	18,400	103,000	58,400	26,100	10,000	19,100	14,900	9,690
14	19,200	9,870	17,100	7,740	16,500	93,000	69,700	26,200	11,200	23,200	12,900	10,300
15	18,600	7,640	19,700	8,200	14,100	82,900	75,500	23,700	15,900	26,400	11,100	10,200
16	17,200	8,320	17,700	10,700	12,900	73,300	79,200	18,900	19,100	31,000	9,780	11,100
17	12,200	11,000	19,600	10,200	14,100	64,500	79,600	17,500	22,100	34,200	10,100	11,600
18	8,260	10,900	19,100	10,600	20,600	61,800	76,400	16,400	23,400	34,200	9,720	10,200
19	9,030	10,500	14,000	13,700	35,800	70,000	65,400	17,400	22,000	30,600	9,900	8,370
20	11,400	10,600	9,350	13,900	68,100	70,900	52,200	18,700	18,600	26,100	10,200	9,400
21	10,500	9,190	12,200	14,800	111,000	66,900	39,800	18,400	24,800	23,500	9,640	11,600
22	10,100	7,460	15,200	15,800	123,000	60,400	33,100	15,600	29,400	22,700	8,680	12,000
23	10,900	9,180	17,700	14,900	133,000	54,700	32,100	14,100	29,100	22,700	8,700	12,000
24	9,450	9,720	20,300	13,000	144,000	50,900	31,100	14,800	29,400	23,700	9,160	12,300
25	7,960	12,600	20,200	13,300	166,000	47,800	29,900	20,000	30,700	19,600	9,580	11,400
26	10,300	10,500	17,700	14,000	198,000	44,900	29,200	23,100	34,700	15,300	8,820	10,300
27	11,700	10,900	14,100	16,600	251,000	42,600	30,400	23,400	38,100	16,200	10,800	10,000
28	11,900	10,600	13,100	18,100	279,000	42,800	34,700	23,400	45,300	16,300	10,500	10,300
29	11,300	10,600	12,800	18,200	-----	45,600	39,200	22,000	49,300	16,300	9,190	9,880
30	11,200	10,100	12,700	18,400	-----	48,600	43,400	17,400	46,400	15,300	9,160	9,740
31	9,670	-----	14,900	14,600	-----	68,500	-----	14,500	-----	13,700	9,920	-----
TOTAL	430,000	289,130	432,510	444,220	1,789,448	3,285,141	1,880,841	763,800	656,240	693,900	341,090	451,610
MEAN	13,870	9,638	13,950	14,350	65,910	106,000	62,690	24,640	21,870	22,380	11,000	15,050
MAX	23,000	12,600	20,300	18,400	279,000	279,000	122,000	43,900	49,300	42,000	15,700	41,500
MIN	7,960	7,300	8,540	7,740	9,900	42,600	29,200	14,100	9,800	13,700	8,680	8,370

CLAL YR 1960: TOTAL 7,879,800 MEAN 21,530 MAX 26,800 MIN 6,360
 MAY YR 1961: TOTAL 11,457,800 MEAN 31,390 MAX 279,000 MIN 7,300

M Expressed in thousands

2-4230 Alabama River at Selma, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9,590	7,170	14,400	59,100	83,200	83,900	52,300	36,000	12,100	10,200	9,190	8,490
2	8,860	7,580	13,000	55,200	79,700	75,600	63,400	32,900	13,600	10,000	9,240	8,660
3	7,820	7,760	11,300	53,600	75,100	69,600	69,500	26,900	13,300	8,340	8,970	9,160
4	7,820	7,780	9,290	52,300	71,000	65,900	66,700	25,000	10,900	7,980	9,290	7,720
5	9,000	8,100	7,560	51,300	65,700	62,100	59,200	25,000	9,970	9,100	9,950	7,160
6	9,820	8,250	7,400	56,400	61,200	58,100	55,200	21,800	11,400	9,180	9,350	8,140
7	9,290	7,340	8,560	64,100	56,500	54,000	57,900	20,200	14,200	9,670	7,980	9,320
8	9,210	7,060	9,000	72,000	52,300	48,500	61,100	22,500	15,400	15,400	7,470	8,600
9	9,000	7,650	11,300	74,300	49,200	43,100	60,500	22,200	16,300	20,000	7,720	7,800
10	7,540	7,770	39,600	72,000	47,400	40,200	55,100	21,400	15,800	20,200	8,130	7,110
11	8,200	7,740	63,300	66,300	44,900	42,800	48,100	19,400	13,900	23,200	8,370	8,730
12	10,200	7,650	81,900	59,300	41,200	49,500	62,200	17,800	12,100	24,400	9,160	8,560
13	10,300	8,000	105,000	51,800	37,400	62,900	94,100	17,900	13,500	19,300	8,220	9,340
14	10,100	7,200	121,000	45,800	34,600	68,100	112,000	15,500	17,200	17,400	7,820	9,350
15	9,920	7,350	133,000	43,400	32,900	68,400	122,000	14,700	16,500	14,900	9,190	9,800
16	9,000	8,640	142,000	42,800	32,100	65,700	125,000	15,600	15,800	11,000	11,800	11,500
17	7,520	8,790	146,000	42,000	31,600	61,000	123,000	15,300	16,300	9,030	11,200	12,700
18	7,590	8,520	155,000	40,800	31,600	56,600	115,000	15,100	13,000	9,160	10,900	13,000
19	8,600	8,370	154,000	49,400	31,300	50,200	105,000	14,200	10,800	9,950	10,800	15,000
20	8,550	8,280	154,000	65,700	29,300	43,900	94,000	13,600	12,000	10,100	9,970	15,300
21	8,520	7,180	157,000	76,100	31,100	40,800	82,600	12,300	13,300	10,300	8,970	13,400
22	8,640	7,650	157,000	78,100	36,900	39,100	72,000	10,800	12,800	10,700	8,260	13,700
23	8,400	9,510	151,000	73,000	58,500	38,100	60,800	11,000	12,600	9,850	8,220	12,600
24	7,100	10,400	140,000	65,800	75,700	36,400	51,000	11,000	12,600	8,940	7,650	9,770
25	7,320	11,000	128,000	62,000	93,000	34,400	44,200	11,300	10,900	9,640	7,650	7,770
26	8,280	10,800	115,000	59,500	105,000	36,900	39,900	11,700	10,100	11,600	7,830	7,590
27	8,670	9,130	104,000	57,800	103,000	37,900	37,100	11,400	10,000	11,200	8,100	9,610
28	8,970	7,770	92,400	59,200	95,200	39,500	35,400	10,400	10,400	11,300	7,470	9,880
29	8,900	10,200	81,800	68,500	-----	39,900	34,600	9,480	11,000	10,800	7,350	9,080
30	8,500	15,000	73,300	77,000	-----	39,300	35,900	9,350	10,300	9,670	7,980	9,480
31	7,240	-----	66,000	83,000	-----	45,000	-----	10,400	-----	8,820	8,280	-----
TOTAL	268,470	255,730	2,653,3M	1,877.6M	1,585.7M	1,597.4M	2,094.8M	532,110	388,470	381,330	272,480	298,320
MEAN	8,660	8,524	85,590	60,570	56,630	51,530	69,830	17,170	12,950	12,300	8,790	9,944
MAX	10,300	15,000	158,000	83,000	105,000	83,900	125,000	36,000	17,200	24,400	11,800	15,300
MIN	7,100	7,060	7,400	40,800	29,300	34,400	34,600	9,350	9,970	7,980	7,350	7,110

CAL YR 1961: TOTAL 13,483,670 MEAN 36,940 MAX 279,000 MIN 7,060
 WAT YR 1962: TOTAL 12,205,740 MEAN 33,440 MAX 158,000 MIN 7,060

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9,500	8,440	24,500	21,200	36,800	20,900	43,400	38,500	22,100	30,500	15,500	8,610
2	8,020	9,110	24,100	23,500	44,000	20,200	39,900	73,300	22,100	27,900	19,300	8,140
3	8,380	9,510	20,800	24,500	50,200	20,500	34,600	10,100	18,900	27,700	21,400	7,110
4	11,000	9,190	15,600	24,300	55,100	20,300	28,800	103,000	16,500	28,800	21,600	7,740
5	19,600	8,960	16,700	23,500	64,100	23,000	26,800	104,000	15,400	31,200	17,400	7,460
6	23,400	7,350	20,400	21,200	65,500	37,600	25,800	96,100	14,000	28,900	14,200	9,030
7	22,700	7,560	21,100	17,100	64,400	55,400	24,600	88,100	13,400	26,100	15,800	9,690
8	19,100	8,720	21,400	14,800	60,500	77,900	21,000	75,200	12,500	20,300	16,600	8,940
9	17,800	9,700	18,700	15,300	50,300	83,100	20,100	69,700	11,400	17,600	14,800	6,820
10	15,400	11,000	13,100	13,700	45,100	82,900	22,900	68,200	10,500	19,100	12,600	8,070
11	14,000	16,800	9,820	12,000	37,700	76,800	23,700	58,100	9,500	20,600	11,300	7,900
12	15,000	15,800	12,400	12,700	31,100	73,200	22,900	47,100	9,510	20,100	10,100	8,620
13	15,600	13,500	13,400	18,400	34,300	72,500	20,100	33,600	11,400	20,200	9,080	8,680
14	14,200	12,000	13,100	26,300	37,500	88,300	18,000	26,400	11,900	18,100	8,910	8,560
15	11,200	13,000	14,600	27,400	36,900	93,000	14,500	24,300	11,400	13,900	9,530	8,940
16	8,670	14,200	17,200	28,200	32,500	89,500	12,000	25,000	11,200	10,400	10,300	8,860
17	8,430	12,600	15,100	27,700	27,900	86,900	13,500	25,000	9,590	11,500	13,000	7,420
18	9,160	12,600	10,700	31,600	21,400	85,800	14,800	24,800	8,460	14,100	12,200	6,980
19	9,620	14,300	11,100	41,100	21,200	82,800	14,800	24,500	12,500	13,900	10,800	8,520
20	9,920	13,100	12,500	54,400	27,700	83,000	14,600	23,200	14,200	16,400	8,820	9,900
21	8,850	17,400	12,400	71,400	33,300	83,000	14,600	21,000	14,300	19,600	8,550	10,900
22	8,960	29,200	12,400	85,500	32,400	77,100	15,200	19,900	16,000	16,000	9,800	11,200
23	7,780	39,800	12,900	99,300	30,700	71,100	15,800	18,900	23,600	11,400	10,100	9,720
24	7,620	40,300	11,300	96,700	28,000	60,200	15,000	17,200	49,500	12,600	12,000	7,580
25	8,620	35,300	9,740	88,700	26,100	54,800	14,300	16,400	74,300	15,500	11,500	6,900
26	9,140	29,900	9,780	73,300	24,000	52,800	12,600	15,900	75,700	19,000	9,540	8,400
27	9,300	24,400	10,700	62,900	22,000	60,200	12,400	14,100	60,000	22,100	8,340	9,080
28	9,620	24,000	17,600	51,200	22,200	44,900	12,700	18,400	46,200	23,200	8,070	9,880
29	9,460	25,800	22,600	41,400	-----	56,200	12,200	23,100	38,500	20,200	9,140	11,800
30	7,900	25,000	23,400	37,500	-----	49,400	18,100	26,800	35,500	17,100	8,900	16,000
31	7,500	-----	21,700	38,400	-----	45,400	-----	24,800	-----	15,200	9,160	-----
TOTAL	366,450	518,540	490,840	1,225.2M	1,062.9M	1,948.7M	599,700	1,338.7M	700,060	609,200	378,240	267,450
MEAN	11,820	17,280	15,830	39,520	37,960	62,860	19,990	43,180	23,340	19,650	12,200	8,915
MAX	23,400	40,300	24,500	99,300	65,500	93,000	43,400	104,000	75,700	31,200	21,600	16,000
MIN	7,300	7,350	9,740	12,000	21,200	20,200	12,000	14,100	8,460	10,400	8,070	6,820

CAL YR 1962: TOTAL 10,404,060 MEAN 28,500 MAX 125,000 MIN 7,110
 WAT YR 1963: TOTAL 9,505,980 MEAN 26,040 MAX 104,000 MIN 6,820

M Expressed in thousands

2-4230 Alabama River at Selma, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	22,000	9,670	13,900	16,300	59,800	44,300	89,700	106,000	19,200	9,970	17,200	10,300
2	20,000	11,000	15,000	21,000	56,800	45,100	87,500	104,000	17,600	10,900	16,200	9,160
3	18,200	10,000	14,500	20,800	53,000	53,100	80,300	99,000	18,800	12,400	12,700	9,670
4	15,300	10,000	16,600	20,800	48,500	77,600	77,900	95,500	20,100	14,000	9,960	8,870
5	14,500	8,000	18,400	20,000	49,800	88,000	72,600	96,900	19,600	15,800	12,300	8,990
6	12,400	7,610	18,000	17,200	51,100	91,300	81,500	96,400	18,800	14,400	14,700	8,940
7	10,400	9,160	16,300	20,200	50,400	87,900	121,000	94,600	17,100	11,700	15,700	9,110
8	9,000	10,000	14,900	26,800	50,400	83,800	141,000	89,600	13,300	11,300	14,800	8,230
9	9,290	10,600	12,500	35,400	46,200	79,100	169,000	84,500	12,400	11,800	13,700	7,680
10	10,300	11,200	10,600	44,500	42,300	75,300	183,000	77,200	16,000	11,100	11,900	8,190
11	11,000	9,790	11,800	54,600	39,000	69,800	194,000	73,900	17,300	11,000	10,700	9,670
12	11,300	7,930	16,800	60,900	38,500	67,000	198,000	68,400	16,800	12,000	14,300	9,670
13	10,700	7,250	25,400	60,700	36,400	62,600	190,000	62,400	16,000	12,700	18,000	12,500
14	8,770	8,830	32,000	55,400	36,900	63,400	184,000	58,000	14,300	11,800	19,200	13,700
15	7,420	9,430	36,500	56,000	39,300	79,600	176,000	47,400	12,000	11,900	19,400	10,700
16	7,160	9,360	41,100	41,600	41,800	92,800	174,000	43,200	10,600	12,300	17,500	10,300
17	8,190	9,140	41,300	35,900	43,300	108,000	168,000	38,000	11,800	13,700	13,200	10,000
18	8,940	8,120	38,400	38,100	58,400	114,000	157,000	35,900	12,400	14,800	11,000	9,620
19	8,870	7,310	34,500	40,600	65,500	123,000	141,000	32,000	13,100	14,500	11,800	9,280
20	8,800	6,950	31,000	39,000	72,700	119,000	133,000	32,000	12,700	12,300	12,600	9,870
21	8,280	7,350	27,000	38,900	78,200	117,000	118,000	32,000	12,700	11,400	13,400	9,770
22	7,280	8,460	25,400	39,100	74,200	108,000	100,000	30,000	11,600	11,200	14,100	8,080
23	6,980	8,600	24,600	34,800	69,600	102,000	89,900	28,000	10,300	10,700	14,300	8,210
24	7,670	8,120	21,000	32,000	60,200	93,400	78,200	28,000	10,500	12,000	11,600	9,430
25	7,740	8,220	20,900	39,800	51,400	83,300	75,000	24,300	11,800	16,500	10,400	9,720
26	7,860	7,900	20,000	49,700	51,300	81,400	71,900	23,000	12,300	19,000	11,400	9,850
27	8,280	7,900	16,100	72,600	49,200	79,500	71,700	25,200	12,800	18,100	12,000	9,850
28	8,310	9,170	15,000	73,700	49,000	84,800	78,400	25,000	13,000	15,200	10,500	9,560
29	7,440	10,500	14,800	74,900	47,000	90,700	105,000	24,200	10,900	17,400	12,000	8,580
30	7,160	11,800	12,800	70,900	-----	91,300	107,000	23,300	9,730	19,000	13,200	11,800
31	8,540	-----	12,100	63,000	-----	93,000	-----	22,400	-----	17,200	11,500	-----
TOTAL	318,080	269,370	669,200	1,315.2M	1,510.2M	2,649.3M	3,713.6M	1,720.3M	425,530	418,070	421,260	289,500
MEAN	10,260	8,689	21,590	42,430	52,080	85,460	123,050	55,490	14,180	13,490	13,900	9,660
MAX	22,000	11,800	41,300	74,900	78,200	123,000	198,000	106,000	20,100	19,000	19,400	13,700
MIN	6,980	6,950	10,600	16,300	36,400	44,300	71,700	22,400	9,730	9,970	9,960	7,680

CAL YR 1963: TOTAL 9,386,800 MEAN 25,720 MAX 104,000 MIN 6,820

WAT YR 1964: TOTAL 13,719,610 MEAN 37,490 MAX 198,000 MIN 6,950

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	14,600	15,100	18,600	36,000	31,500	40,200	85,100	22,200	10,400	13,600	16,000	7,590
2	15,600	14,700	19,000	31,900	26,500	44,400	83,400	23,100	11,000	12,300	13,600	7,540
3	14,000	12,300	20,800	29,400	24,800	51,700	82,900	19,800	12,600	11,500	11,400	7,770
4	15,800	11,300	23,800	28,900	28,200	59,900	78,700	18,100	11,200	11,200	12,700	7,610
5	35,400	12,900	28,200	27,700	26,000	64,800	75,000	19,000	10,100	10,200	12,200	8,600
6	40,800	14,100	29,800	26,400	25,800	93,500	68,500	16,700	9,530	8,940	12,200	8,710
7	36,100	14,700	28,700	26,400	32,400	32,100	67,400	15,900	9,720	9,450	9,580	9,700
8	35,100	13,800	24,500	26,400	41,000	58,700	72,800	14,300	9,920	12,300	9,310	8,420
9	31,600	12,700	26,500	26,100	58,000	54,400	77,000	13,400	10,600	15,700	10,000	9,240
10	28,700	10,600	29,500	24,800	61,000	52,100	74,000	12,500	15,400	17,600	9,770	11,500
11	25,700	9,340	29,200	25,100	57,000	47,800	67,500	10,400	18,600	16,900	10,100	11,500
12	22,600	10,800	29,600	21,200	59,000	44,900	59,200	11,600	22,600	14,700	11,800	11,400
13	19,200	11,200	31,600	23,000	75,000	54,500	49,100	13,000	24,600	12,300	12,900	11,300
14	14,000	12,400	32,300	25,600	89,000	58,800	44,000	12,200	22,100	12,400	12,400	9,940
15	16,000	12,800	32,200	26,200	93,000	63,600	42,800	11,700	20,200	13,900	10,200	9,070
16	21,800	12,800	30,600	27,900	91,000	62,000	43,300	11,600	25,500	13,600	9,870	10,200
17	30,600	10,900	31,800	27,000	87,000	57,900	43,600	10,500	26,200	13,200	9,450	11,200
18	30,500	9,990	30,900	24,800	90,000	54,800	39,600	9,340	25,300	13,700	8,450	11,900
19	28,500	11,800	30,600	22,800	94,000	63,800	36,000	10,000	27,800	13,600	8,770	11,900
20	24,300	13,000	29,100	23,200	96,000	69,500	32,800	12,800	29,000	10,800	9,850	10,900
21	22,700	14,100	26,900	26,000	92,000	66,600	29,700	12,900	26,500	9,630	9,170	9,480
22	22,900	12,000	25,600	24,500	83,000	59,200	28,400	13,000	19,000	12,700	9,290	10,100
23	20,500	13,100	24,500	35,000	68,000	48,600	27,100	12,900	12,000	10,700	9,770	10,200
24	16,700	10,500	26,400	66,000	55,000	42,600	27,600	12,000	10,200	11,000	10,400	10,600
25	15,400	12,600	31,000	88,000	47,000	41,700	24,700	11,000	9,620	13,000	9,580	11,500
26	14,500	23,400	42,000	93,000	39,600	41,100	23,900	11,700	10,100	14,500	10,100	11,400
27	11,600	31,000	55,000	80,000	35,700	46,300	24,000	13,200	11,800	13,500	10,000	9,740
28	10,300	31,400	60,000	64,000	35,300	64,000	23,800	13,700	10,900	11,200	10,800	9,450
29	11,100	29,400	53,000	48,000	-----	74,900	22,900	13,900	9,870	14,100	9,750	7,470
30	12,300	25,300	46,000	38,000	-----	81,900	22,300	13,100	9,600	15,700	9,290	9,670
31	13,700	-----	42,000	34,000	-----	84,400	-----	12,100	-----	16,200	8,230	-----
TOTAL	674,600	451,930	986,700	1,127.3M	1,641.8M	1,782.7M	1,477.1M	427,640	481,960	398,120	326,730	295,560
MEAN	21,760	15,060	31,830	36,360	58,640	57,510	49,240	13,790	16,070	12,840	10,540	9,852
MAX	40,800	31,400	60,000	93,000	96,000	93,500	85,100	23,100	29,000	17,600	16,000	11,900
MIN	10,300	9,340	18,600	21,200	24,800	32,100	22,300	9,340	9,530	8,940	8,230	7,470

CAL YR 1964: TOTAL 14,576,190 MEAN 39,830 MAX 198,000 MIN 7,680

WAT YR 1965: TOTAL 10,072,140 MEAN 27,590 MAX 96,000 MIN 7,470

M Expressed in thousands

MOBILE RIVER BASIN

2-4238 Little Cahaba River near Brierfield, Ala

Location --Lat 33°03'25", long 86°57'10", in SE¹ sec 15, T 24 N, R 11 E, on left bank 100 ft upstream from bridge on Bibb County Highway 33, 1.8 miles downstream from Mahan Creek, and 3 miles northwest of Brierfield

Drainage area --148 sq mi

Records available --October 1957 to September 1965 Monthly discharges only for period October,
November 1957, published in WSP 1724

Gage --Digital water-stage recorder Altitude of gage is 325 ft (from topographic map) Prior to
May 10, 1960, graphic water-stage recorder at same site and datum

Average discharge --8 years, 203 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (3,500 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	2300	* 10,000	21 07	Apr 12, 1962	1745	5,630	15 53	Apr 6, 1964	2200	* 6,950	17 44
Feb 25, 1961	0600	4,750	13 88					Apr 13, 1964	2100	4,370	13 12
Mar 31, 1961	1600	6,300	16 57	Apr 30, 1963	1415	* 4,160	12 70				
								Apr 7, 1965	2145	* 3,540	11 53
Dec 18, 1961	1215	* 5,040	14 47	Mar 5, 1964	0130	4,610	13 60				
Feb 22, 1962	1815	* 6,520	16 88	Mar 15, 1964	1615	4,480	13 35				

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 5, 28-30, Nov 9, 1960	42	1 32	1963	Oct 28, 1962	44	1 44
				1964	Oct 29, 30, 1963	42	
1962	Many days	42	1 38	1965	Nov 13, 14, 1964	54	1 38

1957-65 Maximum discharge, 10,000 cfs Feb 21, 1961 (gage height, 21 07 ft), minimum, 39 cfs
Sept 15, 16, 25, 1960 (gage height, 1 29 ft)

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	47	58	57	156	81	479	1,380	163	81	120	83	130
2	46	52	54	103	79	386	671	171	80	124	82	91
3	45	48	52	84	149	330	564	151	75	123	82	90
4	44	46	51	75	139	302	575	143	77	156	85	82
5	44	44	51	70	106	279	410	137	76	115	82	71
6	69	44	51	67	95	341	342	131	78	104	79	70
7	69	44	50	64	139	1,680	300	127	82	97	93	69
8	56	44	49	62	203	1,360	269	124	78	96	123	68
9	55	43	48	60	145	699	383	131	79	104	101	64
10	54	46	48	58	123	467	348	128	77	93	89	61
11	50	49	69	57	109	378	261	124	77	112	82	60
12	47	49	76	56	99	328	1,510	128	83	274	78	60
13	47	48	62	56	93	370	684	121	93	418	76	60
14	47	47	58	68	87	367	451	115	100	372	74	64
15	45	45	58	72	83	274	372	114	209	213	86	67
16	44	44	60	65	79	248	308	108	222	197	88	60
17	44	44	60	61	78	226	263	104	115	376	78	58
18	46	44	57	58	1,170	1,070	237	104	99	192	73	57
19	44	44	55	78	1,640	596	220	101	92	150	71	54
20	46	44	56	123	2,940	408	207	99	92	135	71	55
21	51	44	116	93	8,070	400	196	96	126	126	75	53
22	47	45	93	78	8,940	322	190	94	112	134	72	51
23	44	132	73	73	5,350	269	182	98	175	124	67	51
24	43	91	67	71	2,090	238	176	100	238	114	86	51
25	43	65	62	69	3,880	216	172	93	163	106	75	51
26	43	57	60	146	1,210	205	206	93	693	100	70	49
27	43	54	59	177	740	197	376	94	523	98	70	48
28	43	52	56	124	607	433	231	89	211	96	70	48
29	42	58	56	105	-----	441	180	86	153	94	65	47
30	53	69	59	93	-----	495	165	83	128	91	63	49
31	51	-----	81	86	-----	4,490	-----	80	-----	87	161	-----
TOTAL	1,482	1,594	1,904	2,608	38,524	18,294	11,829	3,330	4,487	4,741	2,550	1,889
MAX	47.8	53.1	61.4	84.1	1,376	590	394	114	150	153	82.3	63.0
MIN	69	132	116	177	8,940	4,490	1,510	171	693	418	161	130
CFM	42	43	48	56	78	197	165	80	75	87	63	47
IN.	.32	.36	.57	.57	3.30	2.99	.77	.77	1.30	1.03	.56	.43
	.37	.40	.48	.66	9.68	4.60	2.97	.89	1.13	1.19	.64	.47
CAL YR 1960: TOTAL	1,387	1,594	1,904	2,608	38,524	18,294	11,829	3,330	4,487	4,741	2,550	1,889
MAY YR 1961: TOTAL	93,432	93,432	93,432	93,432	93,432	93,432	93,432	93,432	93,432	93,432	93,432	93,432

2-4238 Little Cahaba River near Brierfield, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	47	48	48	381	346	306	725	190	102	73	53	52
2	48	48	49	273	305	284	401	178	102	69	51	52
3	59	49	50	229	274	334	312	166	101	68	55	50
4	61	53	50	205	282	269	158	133	66	57	50	50
5	53	61	52	314	244	252	277	150	100	73	57	54
6	50	58	55	1,170	220	228	1,050	145	94	102	70	58
7	50	54	72	641	202	217	1,200	141	92	120	59	55
8	49	52	67	423	200	207	646	136	91	87	66	54
9	50	50	64	324	202	356	452	132	89	75	55	54
10	52	48	647	292	192	339	359	128	88	68	53	54
11	48	48	399	252	179	455	341	124	112	66	49	54
12	46	49	2,620	234	175	465	3,600	122	196	64	47	53
13	44	51	1,470	216	170	324	1,160	117	120	62	48	52
14	44	53	1,110	220	169	275	610	115	101	61	51	51
15	43	53	1,790	435	165	266	473	117	92	63	84	53
16	43	60	695	371	211	241	372	116	91	61	71	58
17	43	64	1,330	286	182	217	88	112	88	62	67	71
18	42	63	4,050	286	170	206	298	110	83	67	64	66
19	44	55	1,020	2,330	207	199	272	103	99	64	60	57
20	44	51	563	967	175	195	246	101	151	60	57	54
21	43	49	416	582	540	314	224	100	109	57	55	52
22	42	47	343	457	4,870	229	214	99	93	54	68	51
23	42	195	311	975	1,910	200	206	95	84	52	67	51
24	43	119	259	840	1,190	186	207	95	85	51	59	51
25	44	77	226	554	656	233	218	96	90	99	56	50
26	46	64	206	455	513	252	201	93	85	95	54	62
27	46	60	211	1,050	422	202	189	93	82	76	54	55
28	47	58	255	1,150	255	187	215	89	78	66	54	55
29	47	56	206	641	-----	179	292	88	75	64	55	51
30	47	52	184	493	-----	178	220	92	74	60	55	50
31	47	-----	193	403	-----	1,220	-----	106	-----	56	53	-----
TOTAL	1,454	1,845	19,011	17,447	14,700	9,028	15,376	3,707	2,980	2,161	1,814	1,629
MEAN	46.9	61.3	61.2	543	525	291.3	481.9	99.3	67.7	54.3	58.5	48.3
MAX	61	195	4,050	2,330	4,870	1,220	3,600	190	196	120	84	71
MIN	42	47	48	205	165	178	189	88	74	51	47	50
CFSM	.32	.42	4.14	3.80	3.55	1.97	3.51	.81	.67	.47	.40	.37
IN.	.37	.46	4.78	4.38	3.69	2.27	3.91	.93	.75	.54	.46	.41

CAL YR 1961: TOTAL 110,762 MEAN 303 MAX 8,940 MIN 42 CFSM 2.05 IN 27.83
WAT YR 1962: TOTAL 91,354 MEAN 250 MAX 4,870 MIN 42 CFSM 1.69 IN 22.96

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	50	47	69	72	334	336	172	796	120	168	117	67
2	60	47	66	69	418	409	165	446	115	154	108	66
3	163	47	63	66	1,450	269	159	326	114	150	100	70
4	74	47	61	64	577	227	153	264	113	145	94	68
5	61	47	60	66	401	319	145	227	117	132	91	67
6	57	47	60	64	319	1,220	150	221	109	128	87	68
7	53	47	61	64	269	535	160	208	106	128	86	65
8	52	51	63	64	227	360	147	180	100	217	89	62
9	52	109	64	61	202	301	138	165	93	151	85	62
10	51	87	62	60	187	264	134	150	91	127	82	62
11	50	64	61	136	193	235	128	140	95	114	81	61
12	50	59	60	299	219	998	127	120	92	112	80	61
13	50	58	59	166	186	1,900	129	115	86	109	111	65
14	50	57	58	134	169	589	129	110	86	112	247	64
15	49	55	59	112	159	418	120	100	84	111	108	64
16	48	54	63	100	150	341	116	96	82	112	91	66
17	49	53	62	95	145	331	122	92	84	119	86	63
18	51	57	61	329	145	336	117	86	87	127	83	60
19	51	60	99	899	476	271	111	82	179	113	81	60
20	52	61	59	1,510	311	339	198	92	360	102	78	58
21	50	329	60	761	235	267	336	82	462	98	83	57
22	50	179	63	395	190	221	150	93	115	93	91	57
23	50	95	66	304	180	206	147	70	1,680	91	77	55
24	50	79	66	245	196	195	132	66	1,490	479	76	53
25	49	75	86	202	189	187	169	74	493	192	72	53
26	47	72	89	196	172	530	237	110	347	193	72	54
27	47	69	75	202	157	167	301	160	301	164	71	59
28	47	66	70	154	154	247	401	230	131	138	70	84
29	47	67	79	157	-----	217	1,050	170	208	121	71	84
30	47	70	91	418	-----	196	3,100	150	191	122	72	66
31	47	-----	78	502	-----	184	-----	130	-----	135	69	-----
TOTAL	1,704	2,255	2,093	7,981	8,015	12,405	8,731	5,234	9,066	4,457	2,799	1,905
MEAN	55.0	72.2	66.4	257	256	392	278.4	172.7	291.2	125.1	86.3	58.5
MAX	163	329	91	1,510	1,450	1,500	3,100	796	1,880	479	247	88
MIN	47	47	58	60	145	184	111	66	82	91	69	53
CFSM	.37	.51	.45	1.74	1.93	2.70	1.97	1.16	2.04	.97	.61	.43
IN.	.43	.57	.52	2.01	2.01	3.12	2.19	1.34	2.28	1.12	.70	.48

CAL YR 1962: TOTAL 75,056 MEAN 206 MAX 4,870 MIN 47 CFSM 1.39 IN 18.86
WAT YR 1963: TOTAL 66,705 MEAN 183 MAX 3,100 MIN 47 CFSM 1.23 IN 16.76

2-4238 Little Cahaba River near Brierfield, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	60	45	68	91	274	237	256	356	141	102	91	68
2	58	48	65	85	208	1,770	245	474	136	113	98	68
3	56	46	65	92	188	2,200	239	535	132	110	96	67
4	55	46	63	149	172	742	245	354	127	105	91	64
5	55	47	58	140	190	920	234	307	123	100	113	68
6	54	51	58	127	241	513	4,350	275	181	96	107	64
7	53	54	57	174	203	402	2,510	256	160	91	98	62
8	53	51	62	143	185	354	944	243	135	91	92	67
9	53	47	69	799	170	328	628	232	126	96	87	63
10	52	48	65	379	160	358	471	228	121	94	84	62
11	52	47	76	255	165	299	392	217	121	96	96	65
12	50	48	134	215	158	270	574	297	120	239	116	72
13	50	47	120	185	176	249	3,620	262	118	170	113	74
14	51	46	217	157	157	217	1,910	217	113	126	94	64
15	50	51	150	145	296	3,410	831	204	110	111	87	58
16	46	50	109	141	404	1,160	572	195	109	101	89	53
17	48	48	97	139	281	616	457	186	107	100	89	58
18	48	48	91	135	859	354	352	179	106	98	83	67
19	48	48	86	127	518	390	352	170	102	96	79	64
20	48	48	81	142	352	422	318	165	101	96	77	69
21	47	50	79	135	287	363	295	164	100	102	76	67
22	46	50	78	121	264	311	279	160	98	105	77	71
23	47	79	86	120	230	279	268	157	100	97	77	64
24	49	70	89	376	215	264	258	170	111	94	77	67
25	47	54	80	1,670	493	316	274	157	158	106	77	63
26	44	53	79	484	446	1,100	852	149	114	101	71	63
27	44	56	75	120	330	544	1,370	144	116	92	73	62
28	44	66	77	260	299	388	710	141	113	88	72	62
29	44	164	76	221	255	328	722	139	107	91	68	62
30	43	91	72	201	-----	285	432	136	102	88	68	62
31	45	-----	78	221	-----	266	-----	138	-----	93	70	-----
TOTAL MEAN	1,540 49.7	1,697 56.6	2,660 85.8	7,953 257	8,289 286	19,885 641	25,200 840	7,007 226	3,608 120	3,288 106	2,686 86.6	1,940 64.7
MAX	60	164	217	1,670	859	3,410	4,350	535	181	239	116	74
MIN	43	45	57	85	158	237	234	136	98	88	68	53
CFSM	.34	.38	.58	1.73	1.93	4.33	5.68	1.53	.81	.72	.59	.44
IN.	.39	.43	.67	2.00	2.08	5.00	6.33	1.76	.91	.83	.67	.49

CAL YR 1963: TOTAL 66,590 MEAN 182 MAX 4,100 MIN 43 CFSM 1.38 IN 18.53
WAT YR 1964: TOTAL 85,753 MEAN 234 MAX 4,350 MIN 43 CFSM 1.58 IN 21.53

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	62	63	79	127	158	247	240	130	96	116	96	77
2	62	59	76	120	166	225	127	92	116	91	113	113
3	61	62	79	159	168	449	127	126	91	107	86	174
4	60	63	595	130	153	377	243	123	90	123	85	101
5	60	64	249	110	147	317	235	120	88	179	84	89
6	60	63	160	100	159	290	213	118	102	126	83	84
7	62	56	132	96	401	264	1,160	116	243	152	81	81
8	67	64	122	93	289	245	1,250	114	213	239	94	77
9	65	61	108	160	241	230	482	111	107	388	93	75
10	64	64	102	290	405	215	358	110	123	176	85	74
11	61	66	161	227	528	205	303	109	388	160	83	76
12	61	64	321	177	2,170	343	354	108	700	142	82	77
13	65	56	214	158	830	345	307	106	226	123	97	77
14	64	55	159	140	490	278	251	105	212	119	83	80
15	151	60	137	144	369	253	232	104	221	163	77	76
16	152	59	131	165	311	235	293	104	222	171	74	73
17	91	62	124	146	517	245	226	102	655	130	73	72
18	75	64	136	133	579	349	204	103	256	115	72	72
19	66	61	124	129	395	264	197	102	174	107	70	73
20	67	99	163	125	327	236	192	104	145	103	80	72
21	67	78	200	121	293	217	177	104	133	99	75	71
22	67	65	172	117	261	210	169	107	121	95	75	69
23	64	63	156	1,200	244	226	164	119	117	92	72	68
24	63	75	147	832	239	260	158	108	124	91	70	66
25	63	250	310	383	255	232	153	104	153	104	68	66
26	60	119	219	305	216	238	155	102	121	111	68	65
27	61	85	171	249	204	275	155	102	117	108	71	65
28	65	93	152	216	199	237	144	105	120	191	65	65
29	62	114	202	190	-----	234	132	101	118	251	99	66
30	61	89	130	190	-----	367	130	97	111	138	80	94
31	63	-----	127	170	-----	271	-----	94	-----	109	74	-----
TOTAL MEAN	2,166 69.9	2,302 76.7	5,298 171	6,914 223	10,758 384	8,840 285	9,199 307	3,385 109	5,679 189	4,444 142	2,518 81.2	2,388 79.6
MAX	152	250	599	1,200	2,170	686	1,640	130	700	388	99	174
MIN	56	55	76	93	147	205	130	94	88	91	68	65
CFSM	.47	.52	1.15	1.51	2.60	1.93	2.07	.74	1.28	.97	.55	.54
IN.	.54	.58	1.33	1.74	2.70	2.22	2.31	.85	1.43	1.12	.63	.60

CAL YR 1964: TOTAL 89,622 MEAN 245 MAX 4,350 MIN 53 CFSM 1.65 IN 22.55
WAT YR 1965: TOTAL 63,891 MEAN 175 MAX 2,170 MIN 53 CFSM 1.18 IN 16.05

2-4240 Cahaba River at Centreville, Ala

Location --Lat 32°56', long 87°08', in E₁ sec 26, T 23 N, R 9 E, on left bank downstream from bridge on U S Highway 82, a quarter of a mile west of Centreville, half a mile upstream from Gulf, Mobile & Ohio Railroad bridge, and 2 5 miles upstream from Sandy Creek

Drainage area --1,029 sq mi

Records available --August 1901 to February 1908, May 1929 to March 1932, May 1935 to September 1965 Gage-height records collected at same site since January 1917 are contained in reports of U S Weather Bureau

Gage --Water-stage recorder Datum of gage is 180 74 ft above mean sea level, datum of 1929, supplementary adjustment of 1944 Prior to Jan 31, 1939, wire-weight, chain, or staff gages at same site and at same datum since May 1929 Prior to May 1929, at datum 1 15 ft lower

Average discharge --38 years (1901-07, 1929-31, 1935-65), 1,579 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (20,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	0200	* 82,200	35 35	Apr 12, 1962	1400	37,300	29 30	Mar 15, 1964	2030	27,200	26 79
Mar 31, 1961	0400	29,700	27 50					Apr 6, 1964	2000	* 31,800	28 06
				Apr 30, 1963	1600	20,900	24 69	Apr 13, 1964	2200	24,400	25 93
Dec 12, 1961	1400	30,400	27 69	June 24, 1963	1000	* 22,100	25 13	Feb 12, 1965	1500	* 17,900	23 32
Dec 18, 1961	1300	* 37,800	29 41								
Feb 22, 1962	1830	32,700	28 28	Mar 3, 1964	0800	20,500	24 55				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 30, 1960	170	1 78	1964	Oct 31, 1963	175	-
1962	Oct 23, 1961	177	-	1965	Sept 25,29, 1965	216	1 40
1963	Oct 14,15, 1962	172	-				

1901-08, 1929-32, 1935-65 Maximum discharge, 83,600 cfs Mar 29, 1951, maximum gage height, 36 63 ft Apr 8, 1938, minimum discharge observed, 90 cfs Oct 24-29, 1904 (gage height, -0 35 ft, present datum)

Remarks --Records good Average diversions above station for municipal supply of Birmingham during the water years 1961-65 were 72, 74, 77, 76, and 82 cfs, respectively, and are not included in records except an estimated 7 cfs which is returned to the basin Flow partly regulated by Purdy Lake (capacity, 15,300 acre-ft)

Revisions(water years) --WSP 682 1901-08 WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	242	222	362	1,310	600	4,380	21,100	1,580	396	654	380	520
2	230	224	348	1,350	575	3,650	11,300	1,550	386	571	367	1,140
3	208	219	315	1,090	617	3,090	5,390	1,450	367	530	367	1,070
4	199	202	280	847	1,460	2,720	4,740	1,230	358	541	364	1,400
5	197	197	259	681	1,360	2,600	3,690	1,100	354	586	345	939
6	236	191	259	596	1,060	2,830	2,980	1,000	374	509	374	686
7	295	188	253	542	998	12,700	2,580	918	386	449	477	548
8	289	183	493	1,680	15,100	2,280	855	426	419	594	491	
9	259	183	239	449	1,890	10,900	2,280	868	439	449	1,090	477
10	233	208	233	410	1,550	5,820	2,850	1,030	432	446	1,130	422
11	321	219	318	391	1,280	3,980	2,500	867	402	412	730	390
12	289	384	399	341	1,110	3,280	6,450	826	530	590	579	370
13	239	328	677	355	958	2,970	6,420	779	563	1,900	634	351
14	222	277	497	402	842	3,240	4,130	730	534	2,970	646	393
15	208	250	433	418	750	3,210	3,200	690	527	2,100	622	523
16	205	236	399	402	690	2,550	2,670	650	690	1,340	884	650
17	199	227	384	373	656	2,270	2,300	606	505	1,260	520	512
18	199	213	359	355	3,030	4,130	1,960	571	436	1,120	432	422
19	202	208	328	377	7,610	4,970	1,740	548	396	1,740	377	377
20	216	205	328	758	16,900	3,650	1,600	527	419	1,250	336	345
21	205	199	874	838	49,600	3,230	1,480	523	498	1,420	333	321
22	202	186	1,360	621	71,700	2,970	1,360	502	516	1,100	315	312
23	199	375	918	542	70,600	2,540	1,280	509	491	992	348	293
24	186	579	686	489	42,100	2,250	1,210	494	826	872	327	290
25	178	477	563	465	32,100	2,040	1,140	505	792	754	312	279
26	175	338	485	594	16,300	1,860	1,400	523	1,360	654	310	282
27	175	302	433	1,140	8,360	1,770	2,630	502	3,170	582	327	284
28	175	286	402	1,040	5,550	2,180	3,630	491	1,800	556	318	262
29	175	283	362	882	-----	2,970	2,540	477	1,140	512	301	248
30	175	302	364	775	-----	3,060	1,840	446	851	443	284	242
31	202	-----	453	681	-----	23,300	-----	419	-----	399	374	-----
TOTAL	6,735	7,891	13,843	20,207	341,926	146,210	110,670	23,766	20,364	28,120	14,797	14,839
MEAN	217	263	447	652	12,210	4,716	3,689	767	679	907	477	495
MAX	321	579	1,360	1,550	71,700	71,700	23,300	1,580	3,170	2,970	1,130	1,400
MIN	175	183	233	341	575	1,770	1,140	419	354	399	284	242

CAL YR 1960: TOTAL 354,797 MEAN 969 MAX 8,940 MIN 175 CFSM 2,00 IN 12 82
WAT YR 1961: TOTAL 749,368 MEAN 2,053 MAX 71,700 MIN 175 CFSM 96 IN 27 08

2-4240 Cahaba River at Centreville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	234	195	310	2,760	3,320	2,500	6,280	1,340	429	333	304	213
2	224	195	290	2,750	2,720	2,190	3,710	1,180	466	307	276	213
3	248	200	276	2,280	2,320	2,090	2,650	1,050	439	298	293	211
4	282	251	265	1,960	2,050	1,920	2,160	972	422	284	336	205
5	370	336	290	2,320	1,880	1,740	1,930	914	409	290	330	208
6	301	330	367	7,920	1,730	1,580	4,610	842	412	520	370	218
7	259	318	548	8,840	1,560	1,460	8,380	792	396	1,040	348	240
8	237	256	582	5,250	1,480	1,380	5,270	742	354	734	383	242
9	221	231	538	3,700	1,430	1,660	3,720	678	364	470	383	231
10	226	218	1,520	3,010	1,380	2,160	2,740	638	374	374	342	224
11	229	208	5,270	2,500	1,250	3,330	2,830	602	412	321	296	237
12	218	205	28,600	2,140	1,170	4,250	27,500	567	746	315	265	218
13	205	211	28,100	1,890	1,090	3,090	14,900	534	702	301	256	234
14	195	224	20,700	1,780	1,050	2,400	6,700	512	509	290	256	268
15	185	229	14,100	2,350	992	2,100	4,210	498	426	304	301	242
16	198	265	7,470	3,100	1,290	1,870	3,280	484	383	333	348	301
17	190	287	8,520	2,520	1,800	1,640	2,640	463	361	392	307	406
18	185	290	33,900	2,240	1,410	1,480	2,290	443	333	463	273	374
19	187	284	25,300	11,000	1,410	1,400	2,000	432	324	333	262	422
20	190	259	12,700	10,200	1,360	1,330	1,790	412	480	296	254	339
21	185	248	5,000	5,400	1,700	1,480	1,600	415	484	307	251	270
22	179	240	3,640	3,790	22,900	1,580	1,470	406	406	324	248	240
23	179	256	25,300	11,000	1,410	1,400	2,000	432	324	333	262	422
24	192	1,170	2,610	7,580	13,800	1,280	1,380	377	324	301	361	211
25	211	876	2,180	5,190	7,250	1,330	1,500	377	348	447	279	208
26	200	606	1,900	3,920	4,770	1,760	1,500	367	505	516	265	221
27	477	1,800	7,520	3,690	1,560	1,340	1,340	348	443	422	251	229
28	195	406	2,200	15,100	3,010	1,340	1,250	348	453	370	237	221
29	195	358	2,080	12,400	-----	1,220	1,720	345	409	358	231	216
30	198	336	1,800	6,550	-----	1,200	1,750	358	383	358	229	213
31	192	-----	1,850	4,130	-----	4,440	-----	406	-----	318	224	-----
TOTAL	6,700	10,465	217,796	157,010	112,312	60,200	124,470	18,219	12,844	11,989	9,104	7,496
MEAN	216	349	7,028	5,065	4,011	1,942	4,149	588	428	387	294	245
MAX	1,170	33,900	33,900	15,100	22,900	4,440	27,500	1,340	746	1,040	383	422
MIN	179	195	265	1,780	992	1,200	1,250	345	324	270	224	205

CAL YR 1961: TOTAL 955,860

MEAN 2,619

MAX 71,700

MIN 179

CFM 2 54

IN 34 55

WAT YR 1962: TOTAL 748,605

MEAN 2,051

MAX 33,900

MIN 179

CFM 1 99

IN 27 06

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	206	190	290	572	3,650	1,500	1,270	15,500	568	1,280	1,390	287
2	229	190	276	456	2,980	3,020	1,140	7,480	463	1,880	1,010	284
3	368	190	259	396	8,090	2,430	3,510	4,480	2,560	788	267	287
4	419	193	264	349	7,160	1,940	960	2,580	374	1,770	629	276
5	374	190	262	313	4,440	1,950	876	1,980	371	1,230	534	276
6	276	190	248	292	3,260	10,900	888	1,680	368	948	449	287
7	239	190	232	284	2,590	10,600	1,200	1,580	337	796	390	292
8	234	203	250	287	2,100	5,180	1,350	1,480	406	912	377	281
9	226	307	248	270	1,780	3,530	1,120	1,200	287	952	349	264
10	216	553	237	256	1,580	2,790	988	1,010	273	720	307	259
11	208	659	234	290	1,480	2,310	908	908	267	602	295	256
12	206	456	219	2,620	1,520	4,080	868	812	267	496	290	253
13	203	340	211	3,890	1,380	11,600	860	726	264	442	334	264
14	185	290	203	2,250	1,210	8,280	756	682	242	422	819	267
15	180	270	206	1,540	1,070	4,440	686	655	229	425	1,030	256
16	188	259	213	1,160	980	3,320	636	606	221	610	625	248
17	190	248	226	960	944	2,860	606	545	221	1,130	470	259
18	206	281	221	1,270	920	2,740	568	496	239	1,080	396	270
19	198	328	219	5,230	2,210	2,160	530	456	349	916	343	259
20	193	568	213	18,500	2,840	2,620	702	453	611	756	316	245
21	198	861	216	15,600	2,180	2,570	1,570	456	1,240	644	319	237
22	200	1,340	237	5,820	1,770	1,960	1,080	436	2,390	572	952	226
23	190	1,100	234	3,500	1,510	1,690	840	390	14,000	557	636	213
24	190	720	237	2,780	1,480	1,520	686	358	20,000	883	496	206
25	188	538	304	2,090	1,540	1,380	746	343	6,580	2,970	412	206
26	188	446	474	1,820	1,380	3,010	1,180	702	2,660	1,830	361	206
27	185	377	557	1,830	1,240	3,410	928	1,510	2,100	1,670	346	237
28	185	334	449	1,670	1,120	2,350	1,450	1,980	2,200	1,180	377	304
29	185	322	419	1,440	-----	1,880	6,060	1,360	1,680	864	343	364
30	188	304	456	2,100	-----	1,580	18,700	944	1,510	796	336	319
31	190	-----	621	4,670	-----	1,400	-----	682	-----	1,220	307	-----
TOTAL	6,831	12,437	8,935	84,505	64,404	111,000	51,192	53,502	61,021	33,113	16,024	7,863
MEAN	220	415	288	2,726	2,300	3,581	1,706	1,726	2,034	1,068	517	262
MAX	419	1,340	621	18,500	8,090	11,600	18,700	15,500	20,000	2,970	1,390	364
MIN	180	190	203	256	920	1,380	530	343	221	422	290	206

CAL YR 1962: TOTAL 561,847

MEAN 1,485

MAX 27,500

MIN 180

CFM 1 44

IN 19 58

WAT YR 1963: TOTAL 510,827

MEAN 1,400

MAX 20,000

MIN 180

CFM 1 36

IN 18 46

2-4240 Cahaba River at Centreville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	327	188	580	460	1,820	1,790	1,920	2,920	505	406	463	272
2	306	200	430	469	1,620	7,970	1,720	2,860	496	496	713	253
3	287	192	371	484	1,370	18,500	1,610	6,820	472	682	490	246
4	265	198	332	749	1,210	10,900	1,560	6,040	457	609	419	260
5	255	209	308	1,230	1,150	7,690	1,480	3,500	445	499	578	246
6	241	209	272	1,320	1,540	5,820	21,400	2,570	582	424	825	246
7	234	211	246	1,570	1,680	4,050	25,600	2,120	1,690	371	541	234
8	227	227	248	1,680	1,480	4,070	16,400	1,820	1,230	346	445	228
9	220	232	263	4,840	1,320	4,310	7,560	1,600	784	335	389	225
10	220	218	265	6,780	1,200	4,080	4,670	1,460	612	340	360	223
11	216	205	290	3,830	1,120	3,960	3,750	1,340	514	400	360	223
12	207	205	2,210	2,490	1,040	3,080	3,800	1,530	481	893	672	237
13	205	203	2,950	1,950	1,010	2,470	17,800	1,600	472	1,820	783	234
14	205	198	2,510	1,520	1,600	2,350	20,100	1,260	430	1,120	626	239
15	205	196	2,390	1,230	1,920	20,500	12,000	1,080	400	860	481	223
16	198	198	1,650	1,050	3,800	20,900	6,140	992	377	650	428	218
17	192	198	1,160	952	3,840	11,400	4,400	912	368	528	434	205
18	190	200	928	876	5,330	5,300	3,570	864	357	478	472	216
19	188	205	800	792	5,950	3,970	2,990	820	440	440	451	225
20	183	209	650	756	4,120	3,540	2,530	752	343	422	378	234
21	183	209	565	812	3,050	3,020	2,200	709	335	411	352	260
22	183	214	520	744	2,440	2,480	1,980	653	343	428	339	241
23	177	270	517	650	2,070	2,120	1,820	615	346	481	329	237
24	177	311	583	1,270	1,780	1,920	1,680	535	564	347	322	232
25	183	283	568	12,600	2,180	1,840	1,770	650	865	425	339	216
26	179	290	517	9,540	3,300	6,540	5,050	650	796	454	319	214
27	190	268	493	4,700	2,750	6,620	11,200	599	544	425	316	214
28	220	285	466	3,080	2,340	4,190	5,600	565	566	370	319	218
29	211	586	439	2,300	2,060	3,210	7,620	535	564	347	322	232
30	186	892	400	1,900	2,530	3,930	517	430	339	294	284	284
31	175	-----	400	1,700	-----	2,120	-----	502	-----	349	275	-----
TOTAL	6,635	7,709	24,321	74,324	66,090	183,240	203,850	49,470	16,733	16,892	13,948	7,024
MEAN	214	257	785	2,388	2,129	5,911	6,795	1,596	557	567	450	234
MAX	327	892	2,950	12,600	5,950	20,900	25,600	6,820	1,690	1,820	825	284
MIN	175	188	246	460	1,010	1,790	1,480	502	335	335	275	205
CAL YR 1963: TOTAL	521,289			MEAN 1,428		MAX 20,000	MIN 175	CFSM 1 39		IN 18 84		
WAT YR 1964: TOTAL	669,926			MEAN 1,830		MAX 25,600	MIN 175	CFSM 1 78		IN 24 21		

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	467	237	457	825	1,040	1,420	2,150	862	309	481	481	352
2	603	232	384	755	1,120	3,090	1,870	766	296	394	403	506
3	389	234	354	867	1,110	3,910	1,670	710	284	347	365	1,660
4	336	237	1,670	881	965	3,460	1,650	640	272	469	334	1,050
5	451	237	2,930	766	888	2,980	1,640	580	265	1,030	324	660
6	512	234	1,690	699	878	2,640	1,520	544	342	584	312	503
7	442	232	1,080	643	1,370	2,310	4,880	512	1,310	541	304	422
8	319	234	856	608	1,940	1,980	6,000	481	1,950	752	347	375
9	277	234	720	598	1,780	1,770	3,180	457	1,250	1,110	357	347
10	256	230	640	1,280	2,810	1,610	2,350	442	758	1,150	354	326
11	246	234	808	1,880	7,990	1,470	1,910	425	1,630	1,460	357	312
12	244	234	2,950	1,440	15,900	1,800	1,760	405	3,810	1,880	357	314
13	241	237	3,040	1,190	11,400	3,530	1,860	397	2,300	974	579	306
14	241	225	1,960	1,030	6,250	3,220	1,540	389	1,580	730	463	296
15	366	223	1,380	962	4,000	2,530	1,360	370	1,250	626	357	292
16	688	218	1,120	982	3,100	2,130	1,440	354	1,550	1,080	332	277
17	758	218	958	923	3,320	1,920	1,310	347	4,230	930	306	263
18	626	228	937	822	4,720	2,310	1,160	344	2,140	622	282	253
19	451	248	1,110	776	3,760	2,110	1,070	336	1,250	493	282	244
20	354	347	1,270	724	3,040	1,780	1,120	332	942	419	329	241
21	314	386	2,300	682	2,500	1,610	1,090	408	738	386	336	239
22	287	316	1,980	646	2,100	1,480	954	580	615	362	360	248
23	268	294	1,590	5,690	1,840	1,420	874	484	544	349	326	253
24	251	319	1,340	8,170	1,680	1,860	814	445	509	365	309	241
25	248	924	1,580	4,170	1,910	2,730	755	394	481	636	312	221
26	246	1,180	1,800	2,790	1,760	2,450	748	344	587	484	342	221
27	241	710	1,460	2,070	1,480	2,500	1,510	334	487	541	326	230
28	244	598	1,240	1,660	1,380	2,570	2,250	329	425	500	569	225
29	246	636	1,100	1,420	-----	2,150	1,260	322	425	1,900	971	216
30	241	601	968	1,270	-----	2,710	998	319	400	1,050	601	362
31	237	-----	888	1,150	-----	2,630	-----	316	-----	629	405	-----
TOTAL	11,090	10,717	42,560	48,369	92,031	72,080	52,693	13,968	32,929	23,274	12,082	11,455
MEAN	358	357	1,373	1,560	3,287	2,325	1,756	451	1,098	751	390	382
MAX	758	1,180	3,040	8,170	15,900	3,910	6,000	862	4,230	1,900	971	1,660
MIN	237	218	354	598	878	1,420	748	316	265	347	282	216
CAL YR 1964: TOTAL	695,628			MEAN 1,901		MAX 25,600	MIN 216	CFSM 1 85		IN 25,14		
WAT YR 1965: TOTAL	423,248			MEAN 1,160		MAX 15,900	MIN 216	CFSM 1 13		IN 15 30		

2-4245 Cahaba River at Sprott, Ala

Location --Lat 32°40', long 87°14', in NE¹ 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 5 5 miles northeast of Marion

Drainage area --1,378 sq mi

Records available --October 1938 to September 1965 Monthly discharge only for low-water periods in water years 1938-44, published in WSP 1804

Gage --Digital water-stage recorder Datum of gage is 129 51 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 (levels by Corps of Engineers) Prior to May 10, 1947, staff or wire-weight gage, and May 10, 1947, to Feb 23, 1965, graphic water-stage recorder at same site and datum

Average discharge --27 years, 2,053 cfs

Extremes --Maximums and minimums (discharge, in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (15,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	1800	* 87,100	28 90	Feb 24, 1962	0900	24,300	20 00	Mar 4, 1964	2000	18,300	18 18
Mar 9, 1961	1400	16,200	17 18	Apr 13, 1962	2230	27,100	20 65	Mar 17, 1964	1000	22,700	19 61
Apr 2, 1961	0200	24,800	20 07					Apr 8, 1964	0900	* 32,000	21 62
				Jan 22, 1963	0900	16,700	17 45	Apr 15, 1964	0900	23,300	19 75
Dec 14, 1961	2100	28,400	20 92	May 2, 1963	1100	16,700	17 45				
Dec 19, 1961	2000	* 32,800	21 78	June 25, 1963	1900	* 17,500	17 60	Feb 14, 1965	0400	* 16,300	17 23
Jan 30, 1962	0600	16,000	17 10								

Annual minimum discharge, water year 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 8, 1960	306	4 29	1964	Sept 18, 27, 28, 1964	295	4 10
1962	Sept 30, 1962	303	4 49	1965	Sept 21, 1965	300	3 94
1963	Sept 25, 26, 1963	293	4 12				

1938-65 Maximum discharge, 87,100 cfs Feb 23, 1961 (gage height, 28 90 ft), minimum observed since Oct 1, 1944, 188 cfs Oct 25, 26, 1954

Flood of Apr 9, 1938, reached a stage of 28 55 ft, from floodmark (discharge, 95,000 cfs)

Remarks --Records good For diversion above station see Remarks for station near Centreville

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	422	427	496	1,120	948	7,910	20,000	2,150	574	988	568	619
2	416	395	547	2,050	895	5,920	22,900	1,980	549	852	524	916
3	390	381	521	1,760	974	4,700	17,600	1,910	549	778	530	1,970
4	366	352	490	1,310	1,160	4,080	9,020	1,710	524	792	549	1,560
5	357	335	454	1,040	1,930	3,700	6,160	1,500	512	735	518	1,450
6	422	323	427	913	1,580	3,990	4,590	1,390	537	735	495	1,040
7	514	314	422	827	1,430	7,820	3,870	1,290	530	652	580	808
8	554	310	422	761	1,690	13,900	3,390	1,190	537	632	972	679
9	514	314	422	706	2,390	16,000	3,220	1,140	561	665	924	632
10	449	339	411	660	2,160	13,400	3,700	1,200	574	638	1,380	606
11	411	390	472	609	1,810	7,120	3,720	1,230	549	679	1,100	574
12	472	395	652	587	1,540	5,000	5,890	1,110	543	1,080	822	561
13	432	514	745	554	1,350	4,330	8,910	1,070	652	1,530	720	518
14	400	460	827	645	1,190	4,430	7,450	996	679	2,930	815	574
15	371	416	706	721	1,050	4,450	5,140	916	742	3,030	815	593
16	362	400	706	690	951	3,840	4,020	876	792	2,020	1,070	706
17	357	386	645	630	920	3,320	3,450	815	838	1,480	900	735
18	344	381	587	587	3,080	4,910	2,940	771	686	1,460	679	612
19	339	366	554	609	8,750	7,080	2,590	735	619	1,580	580	555
20	416	362	527	827	13,300	5,990	2,420	699	665	1,740	543	512
21	395	352	675	1,210	24,300	4,520	2,250	679	742	1,570	512	472
22	357	344	1,470	1,020	59,600	4,150	2,070	665	815	1,460	483	460
23	348	652	1,590	852	84,000	3,660	1,940	652	749	1,260	472	438
24	348	878	1,090	778	77,800	3,210	1,850	665	830	1,120	555	422
25	331	844	878	745	57,800	2,880	1,770	672	1,110	1,000	489	401
26	323	667	770	1,010	37,400	2,590	1,800	706	1,330	916	495	391
27	318	534	698	1,430	21,700	2,420	2,500	693	3,780	838	619	396
28	318	496	645	1,710	13,100	3,260	3,690	659	2,980	800	679	391
29	318	508	609	1,410	-----	4,530	3,930	652	1,730	749	561	376
30	327	502	609	1,200	-----	4,660	2,610	645	1,220	672	477	361
31	395	-----	683	1,070	-----	11,300	-----	606	-----	619	489	-----
TOTAL	12,086	13,337	20,750	30,041	424,798	179,070	165,590	31,972	27,498	36,000	20,915	20,328
MEAN	390	445	669	969	15,170	5,776	5,520	1,031	917	1,161	675	678
MAX	554	878	1,590	2,050	84,000	16,000	22,900	2,150	3,780	3,030	1,380	1,970
MIN	318	310	411	554	895	2,420	1,770	606	512	619	472	361
CFSM	28	32	49	70	11.0	4.19	4.01	0.75	0.67	0.84	0.49	0.49
IN.	33	36	56	81	11.5	6.83	4.47	0.86	0.74	0.97	0.56	0.55

CAL YR 1960: TOTAL 509,582 MEAN 1,392 MAX 9,530 MIN 310
WAT YR 1961: TOTAL 982,385 MEAN 2,691 MAX 84,000 MIN 310

CFSM 1.01 IN 13.75
IN 1.95 IN 26.51

2-4245 Cahaba River at Sprott, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	352	334	518	3,320	5,690	4,030	8,280	2,110	645	530	444	324
2	342	338	501	4,180	4,530	3,470	7,440	1,720	652	477	428	311
3	361	342	477	3,570	3,800	3,170	4,550	1,530	659	449	401	307
4	381	374	460	3,000	3,280	3,060	3,340	1,420	626	444	438	307
5	417	501	483	2,920	2,960	2,760	2,870	1,340	612	449	449	334
6	455	574	593	6,510	2,710	2,500	4,200	1,270	586	506	489	316
7	401	543	727	10,300	2,440	2,290	8,700	1,180	580	900	449	324
8	376	501	822	9,810	2,250	2,140	9,520	1,110	568	1,080	455	352
9	366	433	852	6,160	2,150	2,280	4,450	1,050	530	713	477	347
10	352	401	1,330	4,530	2,090	3,140	4,490	1,000	530	561	444	338
11	347	396	3,580	3,720	1,950	3,620	3,780	940	593	483	417	329
12	352	391	10,900	3,210	1,830	5,480	8,010	884	1,080	472	391	334
13	342	396	20,500	2,840	1,740	5,060	23,000	845	1,200	455	371	329
14	334	444	27,600	2,690	1,650	3,880	21,400	800	908	433	366	366
15	329	483	26,400	3,250	1,590	3,270	11,300	778	706	438	391	376
16	311	543	20,700	4,420	1,680	2,820	5,980	749	606	574	460	356
17	316	568	14,400	4,090	2,280	2,480	4,350	727	561	501	444	495
18	316	549	17,400	3,460	2,730	2,240	3,590	713	524	619	411	477
19	311	512	29,600	7,900	2,030	2,100	3,110	679	524	495	386	483
20	307	483	28,500	12,700	2,040	2,000	2,740	665	778	433	381	472
21	316	444	18,500	12,600	2,650	2,100	2,440	645	830	422	356	401
22	316	438	8,300	7,360	6,780	2,300	2,160	645	699	433	371	352
23	311	944	5,410	5,540	17,600	2,100	2,010	632	593	401	366	334
24	307	1,500	4,320	8,140	23,400	1,900	1,990	606	524	386	460	316
25	316	1,520	3,590	8,920	18,000	2,000	2,130	600	506	549	438	307
26	329	1,080	3,060	6,530	10,700	2,230	2,050	593	537	778	381	307
27	320	830	2,740	6,800	6,420	2,350	2,020	580	652	568	366	320
28	311	699	2,930	11,200	4,940	1,960	1,950	568	606	537	352	329
29	320	626	3,160	14,800	-----	1,760	2,360	568	665	489	338	311
30	329	555	2,770	15,100	-----	1,700	2,590	561	593	506	338	307
31	329	-----	2,560	9,210	-----	3,580	-----	619	-----	477	329	-----
TOTAL	10,572	17,744	264,103	208,860	141,410	85,770	169,300	28,127	19,673	16,558	12,587	10,561
MEAN	341	591	8,519	6,737	5,050	2,767	5,643	907	656	534	406	352
MAX	455	1,520	29,600	15,100	23,400	5,480	23,500	2,100	1,200	1,080	489	495
MIN	307	334	460	2,690	1,590	1,700	1,950	561	506	386	329	307
CFSM	.25	.43	6.18	4.89	3.66	2.01	4.10	.66	.48	.39	.29	.26
IN.	.29	.48	7.13	5.64	3.82	2.31	4.57	.76	.53	.45	.34	.29
CAL YR 1961: TOTAL	1,228,631	MEAN 3,364	MAX 84,000	MIN 307	CFSM 2.44	IN 33.16						
MAT YR 1962: TOTAL	985,265	MEAN 2,699	MAX 29,600	MIN 307	CFSM 1.96	IN 26.59						

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	311	303	455	749	4,770	1,740	1,830	14,400	942	1,900	1,900	440
2	366	303	444	693	3,750	3,130	1,650	16,500	825	1,710	1,640	412
3	477	303	422	619	6,130	3,510	1,530	9,410	728	2,820	1,170	385
4	524	307	411	574	9,200	2,780	1,420	3,940	664	2,650	934	385
5	501	307	433	530	7,580	2,550	1,300	2,950	629	1,860	788	385
6	455	303	428	512	4,570	6,170	1,250	2,400	622	1,390	685	390
7	386	303	411	501	3,510	11,000	1,430	2,140	615	1,140	615	390
8	356	320	406	495	2,970	11,100	1,760	1,950	580	1,080	601	390
9	366	411	433	783	2,950	5,820	1,680	1,740	538	1,230	615	385
10	352	530	411	466	2,230	3,880	1,430	1,450	524	1,170	538	374
11	334	693	401	518	2,050	3,250	1,300	1,370	510	942	490	364
12	320	706	401	1,160	2,070	3,320	1,250	1,170	497	810	490	364
13	316	568	386	4,180	2,050	8,180	1,210	1,090	484	728	545	354
14	320	466	371	3,360	1,800	11,900	1,150	1,010	478	713	629	348
15	303	428	371	2,030	1,610	9,420	1,040	966	445	685	1,090	374
16	303	411	391	1,450	1,440	4,940	974	918	440	692	1,040	364
17	311	401	401	1,170	1,350	3,860	926	870	434	1,040	720	354
18	329	406	401	1,320	1,320	3,850	894	818	440	1,410	608	348
19	334	455	401	2,180	2,020	3,370	862	765	484	1,390	545	364
20	324	537	396	8,780	3,620	3,350	1,030	735	594	1,070	497	348
21	329	932	396	14,500	3,230	3,770	1,920	720	994	910	471	343
22	322	1,440	423	15,900	2,920	3,030	2,150	2,440	910	1,354	533	338
23	329	1,420	455	7,830	2,150	2,510	1,400	692	4,970	735	934	324
24	307	1,030	449	3,490	1,950	2,250	1,130	650	11,300	878	994	306
25	299	763	495	3,070	2,040	2,050	1,020	629	16,700	1,930	601	293
26	299	638	574	2,570	1,950	2,420	1,350	765	9,610	2,910	538	293
27	299	568	693	2,420	1,750	4,630	1,520	1,220	3,270	2,110	504	359
28	299	512	699	2,350	1,580	3,430	1,380	2,670	2,850	1,750	478	418
29	299	477	638	2,050	-----	2,670	3,410	2,560	2,550	1,240	510	458
30	303	466	645	2,070	-----	2,310	8,900	1,800	2,100	998	478	497
31	303	-----	679	4,360	-----	2,020	-----	1,190	-----	1,190	464	-----
TOTAL	10,683	16,707	14,330	92,380	83,790	138,210	50,086	60,208	67,967	41,975	22,348	11,147
MEAN	345	557	462	2,980	2,993	4,458	1,670	2,587	2,266	1,354	721	372
MAX	524	1,440	499	15,900	9,200	11,900	8,900	16,500	16,700	2,910	1,900	497
MIN	299	303	371	466	1,320	1,740	862	629	434	685	464	293
CFSM	.25	.40	.34	2.16	2.17	3.24	1.21	1.88	1.64	.98	.52	.27
IN.	.29	.45	.39	2.49	2.26	3.73	1.35	2.16	1.83	1.13	.60	.30
CAL YR 1962: TOTAL	734,564	MEAN 2,013	MAX 23,500	MIN 293	CFSM 1.29	IN 17.88						
MAT YR 1963: TOTAL	629,831	MEAN 1,726	MAX 16,700	MIN 293	CFSM 1.29	IN 17.88						

MOBILE RIVER BASIN

2-4245 Cahaba River at Sprott, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	435	308	991	642	2,300	2,370	2,660	4,800	726	618	648	380
2	425	322	714	684	2,500	4,270	2,390	3,940	726	660	768	375
3	405	331	624	690	2,100	12,300	2,170	5,310	702	780	780	355
4	395	326	564	714	1,800	17,700	2,050	7,980	678	970	657	350
5	380	326	515	1,030	1,460	15,500	1,980	5,860	654	834	892	350
6	370	336	480	1,410	1,700	10,100	11,900	4,000	708	672	914	345
7	355	336	435	1,560	2,000	6,490	22,900	3,210	991	600	888	340
8	350	340	430	1,900	2,300	4,980	30,400	2,760	2,000	552	696	340
9	340	345	435	2,530	2,000	5,200	21,800	2,420	1,220	552	612	331
10	336	355	440	6,880	1,700	3,100	12,200	2,160	935	540	540	327
11	336	345	445	6,120	1,600	5,000	6,630	1,960	822	546	505	322
12	336	326	680	3,450	1,500	4,260	5,070	1,910	774	720	560	331
13	336	322	3,220	2,610	1,400	3,450	10,400	2,320	708	1,630	1,030	340
14	336	322	3,050	2,050	1,800	3,350	18,700	2,030	660	1,740	840	331
15	331	318	3,050	1,620	2,400	9,360	22,500	1,630	618	1,170	708	331
16	326	313	2,430	1,350	3,200	17,400	16,700	1,420	600	900	600	313
17	322	318	1,620	1,220	1,500	22,000	8,980	1,220	582	726	600	304
18	318	322	1,210	1,120	5,100	15,400	6,020	1,200	582	630	588	300
19	313	322	1,010	1,030	7,180	7,120	4,680	1,120	552	588	594	326
20	308	322	900	977	6,160	5,200	4,000	1,060	546	552	540	336
21	304	322	786	970	4,300	4,520	3,470	984	540	552	490	340
22	304	326	732	970	3,340	3,750	3,110	935	535	552	485	350
23	304	400	708	907	2,780	3,170	2,820	882	540	570	490	336
24	304	470	714	970	2,390	2,810	2,590	852	655	564	470	326
25	300	480	756	5,580	2,620	2,610	2,550	852	970	540	455	304
26	304	430	726	10,800	3,860	3,530	4,060	864	1,080	530	445	300
27	304	430	672	11,790	3,860	8,080	11,700	846	900	540	430	295
28	318	435	654	5,600	3,190	6,870	14,400	792	726	535	410	295
29	336	618	624	3,600	2,790	4,520	10,900	750	774	490	420	318
30	331	822	588	2,900	-----	3,580	6,760	726	708	490	425	365
31	308	-----	582	2,500	-----	2,980	-----	720	-----	565	390	-----
TOTAL	10,470	11,288	30,785	83,181	83,970	223,170	276,890	67,583	23,212	21,908	18,830	9,956
MEAN	338	376	993	2,683	2,896	7,199	9,230	2,180	774	707	607	332
MAX	435	822	3,220	10,800	7,180	22,000	30,400	7,980	2,000	1,740	1,030	380
MIN	300	308	430	642	1,400	2,370	1,960	720	535	490	390	295
CFSM	-25	-27	-72	1.95	2.10	5.22	6.70	1.58	.56	.51	.44	.24
IN.	.28	.30	.83	2.24	2.27	6.02	7.47	1.82	.63	.59	.51	.27

CAL YR 1963: TOTAL 869,243 MEAN 1,733 MAX 18,788 MIN 293 CFSM 1.97 IN 11.22

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	425	350	780	1,120	1,580	1,990	2,900	1,200	490	580	748	518
2	600	350	660	1,200	1,580	2,850	2,540	1,060	475	664	696	486
3	636	350	600	1,480	1,530	2,800	2,500	984	460	598	555	1,030
4	520	350	1,190	1,260	1,500	4,490	2,330	914	450	570	515	1,620
5	660	350	3,160	1,180	1,360	3,780	2,290	844	440	928	490	1,080
6	672	350	2,880	1,060	1,340	3,360	2,180	795	455	1,040	480	743
7	642	345	1,720	977	1,700	3,030	2,010	736	795	802	460	608
8	535	350	1,200	914	2,480	2,710	7,700	718	2,030	823	470	532
9	440	350	970	893	2,510	2,440	5,270	676	2,070	1,220	525	486
10	395	350	852	1,070	2,310	2,220	3,340	670	1,270	1,580	550	454
11	365	345	894	2,220	5,800	2,040	2,670	440	1,260	1,300	598	432
12	355	350	1,950	2,230	10,200	2,470	2,310	610	3,280	2,260	530	424
13	355	350	3,860	1,720	14,800	3,690	2,310	610	3,500	1,750	535	429
14	355	350	3,130	1,500	14,800	4,360	2,150	598	2,440	1,150	700	413
15	511	340	2,180	1,360	7,810	3,480	1,850	565	1,850	928	580	403
16	714	340	1,680	1,340	4,700	2,930	1,750	560	1,520	928	490	392
17	963	340	1,430	1,340	4,090	2,640	1,840	550	3,090	1,410	464	375
18	828	340	1,320	1,200	5,440	2,830	1,590	535	3,520	1,010	437	361
19	684	360	1,370	1,100	5,670	2,960	1,460	520	1,930	760	429	346
20	552	520	1,490	1,030	4,360	2,540	1,390	505	1,360	652	454	338
21	460	600	2,160	998	3,550	2,230	1,420	515	1,080	580	507	332
22	435	552	2,690	956	3,050	2,030	1,310	592	900	550	479	328
23	405	470	2,240	2,980	2,690	1,960	1,200	724	781	525	492	346
24	390	497	1,900	9,690	2,450	2,060	1,130	640	610	610	456	367
25	375	921	1,900	8,650	2,440	2,840	1,050	610	712	781	428	325
26	365	1,500	2,270	3,960	2,550	3,110	1,030	560	700	844	433	308
27	360	1,280	2,100	3,290	2,190	2,840	1,110	515	742	682	462	309
28	360	928	1,750	2,600	1,970	3,090	2,470	545	658	754	509	317
29	360	914	1,530	2,200	-----	2,910	2,100	575	604	1,050	878	310
30	360	894	1,380	1,960	-----	2,920	1,420	550	586	1,840	941	487
31	355	-----	1,280	1,750	-----	3,400	-----	510	-----	1,030	666	-----
TOTAL	15,432	15,686	54,516	64,868	116,600	90,730	66,420	20,626	40,178	30,199	16,883	14,879
MEAN	498	523	1,759	2,093	4,164	2,927	2,144	668	1,299	974	544	468
MAX	963	1,500	3,860	9,690	14,800	4,530	7,700	1,200	3,520	2,260	941	1,620
MIN	355	340	600	893	1,340	1,960	1,030	505	440	525	428	308
CFSM	.36	.38	1.28	1.52	3.02	2.12	1.61	.48	.97	.71	.40	.36
IN.	.42	.42	1.47	1.75	3.15	2.45	1.79	.56	1.08	.82	.46	.40

CAL YR 1964: TOTAL 894,334 MEAN 2,444 MAX 30,400 MIN 295 CFSM 1.77 IN 24.14
CAL YR 1965: TOTAL 547,017 MEAN 1,499 MAX 14,800 MIN 308 CFSM 1.09 IN 14.76

2-4255 Cedar Creek at Minter, Ala

Location --Lat 32°05', long 86°59', in SE 1/4 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

Records available --June 1952 to September 1965

Gage --Digital water-stage recorder Datum of gage is 123.50 ft above mean sea level, datum of 1929
Prior to July 27, 1962, graphic water-stage recorder on old channel 500 ft left at same datum

Average discharge --13 years, 236 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (4,000 cfs revised), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	2100	10,300	20.42	Apr 1, 1962	1030	* 6,390	18.34	Apr 28, 1964	1030	* 7,860	17.71
Feb 25, 1961	-	* 45,600	24.58								
Mar 7, 1961	0100	5,290	17.39	Jan 20, 1963	2200	* 5,880	16.48	Dec 26, 1964	0300	* 4,600	14.30
Mar 18, 1961	1430	4,470	16.52	Mar 6, 1963	2200	4,490	14.48	Jan 24, 1965	0500	* 12,800	20.10
Apr 1, 1961	0200	9,880	20.29	Mar 3, 1964	0830	4,980	14.84	Feb 7, 1965	1530	5,450	15.45
				Apr 14, 1964	1200	5,870	15.97	Feb 18, 1965	1200	6,260	16.40
Dec 13, 1961	0730	5,660	17.74					Mar 18, 1965	0745	6,130	16.26

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 7, 8, 1960	17	0.95	1964	Oct 11, 1963	3.1	2.92
1962	Sept 4, 1962	3.7	3.30	1965	Sept 24, 1965	6.6	3.34
1963	Sept 25, 1963	1.9	2.83				

1952-65 Maximum discharge, 45,600 cfs Feb 25, 1961 (gage height, 24.58 ft), minimum daily, 0.1 cfs Aug 12, Sept 15, 1954

Remarks --Records fair prior to June 15, 1963, and good thereafter. Records of water temperatures for water years 1963-64 are published in reports of the Geological Survey

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	72	28	41	768	97	517	7,960	349	45	360	47	30
2	53	28	33	222	53	448	1,420	334	44	306	44	68
3	44	24	29	98	227	387	566	202	42	201	55	106
4	40	21	28	68	185	350	517	159	40	147	88	70
5	40	20	27	55	63	328	426	138	39	118	96	45
6	46	19	28	50	73	1,070	408	131	37	102	65	47
7	94	18	27	50	358	4,500	552	126	37	88	93	38
8	64	18	28	60	572	2,690	396	121	36	88	68	35
9	49	19	26	72	267	883	685	137	35	175	66	37
10	41	20	26	57	177	495	730	172	34	171	57	27
11	35	21	28	48	143	402	396	131	35	166	49	27
12	33	22	28	46	121	360	2,310	121	34	1,180	47	35
13	31	21	26	46	107	347	2,090	111	37	502	42	50
14	30	22	35	73	102	479	552	106	479	474	46	51
15	28	23	57	113	94	443	1,200	100	348	287	38	71
16	28	22	100	76	88	318	744	96	453	155	38	45
17	27	29	70	53	102	498	432	90	153	119	37	34
18	26	34	110	43	3,160	3,600	342	82	105	130	35	27
19	25	30	80	50	7,250	2,220	290	75	92	122	31	24
20	26	25	60	79	7,800	565	265	71	1,300	124	28	24
21	28	22	70	79	2,540	452	258	68	2,260	102	28	24
22	27	29	100	53	802	388	240	66	417	96	28	22
23	26	51	130	43	1,380	326	232	64	217	103	42	22
24	24	80	110	53	3,670	293	230	67	1,280	85	75	27
25	22	60	90	290	27,600	262	230	79	839	68	47	25
26	21	43	85	1,320	3,150	244	235	81	1,100	58	39	24
27	21	36	80	417	1,000	239	483	81	1,080	55	46	23
28	21	30	80	56	631	920	541	61	332	80	45	22
29	21	38	170	32	53	239	190	46	34	50	28	106
30	24	40	288	151	-----	1,530	224	54	202	91	37	21
31	29	-----	496	274	-----	1,060	190	48	240	59	32	20
						6,780	-----	46	-----	50	31	-----
TOTAL	1,096	893	2,586	4,895	61,812	33,394	25,144	3,567	11,392	5,862	1,520	1,116
MEAN	35.4	29.8	83.4	158	2,208	1,077	838	115	380	189	49.0	37.2
MAX	94	80	496	1,320	27,600	6,780	7,960	349	2,260	1,180	96	106
MIN	21	18	38	32	53	239	190	46	34	50	28	106
CFSM	.16	.14	.38	.73	10.2	4.96	3.86	.53	1.75	.87	.23	.17
IN.	.19	.15	.44	.84	10.6	5.72	4.31	.61	1.95	1.00	.26	.19

CAL YR 1960 TOTAL 122,551 MEAN 335 MAX 8,000 MIN 17 CFSM 1.54 IN 21.00
 YR 1961 TOTAL 153,277 MEAN 420 MAX 27,600 MIN 18 CFSM 1.94 IN 26.27

Note -- Fragmentary gage-height record Feb 25-27

2-4255 Cedar Creek at Minter, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	14	11	23	153	210	202	5,410	145	30	20	44	5.8
2	14	11	23	144	190	1,480	933	130	40	18	27	5.4
3	14	12	24	132	180	634	392	108	30	16	19	5.4
4	15	16	24	132	160	332	314	82	27	16	35	4.5
5	16	23	24	262	160	257	291	70	25	14	29	6.8
6	15	23	36	2,410	170	211	1,110	72	23	16	19	6.9
7	14	17	48	1,220	150	180	1,200	68	22	18	14	7.0
8	14	14	41	448	140	166	448	64	20	141	12	7.0
9	13	13	36	329	130	164	320	57	62	32	11	7.0
10	12	12	1,520	277	120	166	280	54	42	18	8.2	8.2
11	12	13	1,950	240	120	195	346	51	37	15	7.2	7.7
12	11	14	2,840	210	110	426	2,200	46	37	14	6.3	7.0
13	11	15	5,150	200	110	268	1,550	36	35	13	5.8	6.5
14	11	23	1,910	180	110	185	380	35	33	13	12	8.0
15	10	44	2,020	386	100	630	274	32	31	12	17	2.7
16	10	160	1,660	417	528	424	238	28	31	12	28	3.5
17	9.2	100	965	265	180	213	206	30	30	20	48	18
18	10	57	1,100	306	142	164	190	33	31	16	22	117
19	10	39	548	1,210	339	146	184	32	30	13	16	41
20	9.6	30	353	920	298	144	171	30	29	12	14	18
21	9.2	26	268	420	268	146	165	26	32	10	12	13
22	9.2	23	238	317	483	142	157	26	31	8.8	11	11
23	9.6	54	216	274	417	138	143	25	27	8.2	11	9.6
24	10	90	193	251	972	136	134	25	25	8.0	14	8.5
25	11	56	171	240	502	272	126	24	24	6.3	16	8.2
26	11	39	164	230	277	559	115	23	35	7.0	16	10
27	10	32	155	361	216	206	112	22	30	6.5	12	9.9
28	9.6	29	151	496	178	144	318	22	25	11	9.9	10
29	10	27	146	323	-----	134	297	22	23	16	8.2	10
30	12	24	140	260	-----	128	165	24	21	157	7.5	9.5
31	12	-----	140	230	-----	1,870	-----	22	-----	56	6.3	-----
TOTAL	338.4	1,047	22,277	13,243	6,960	10,462	18,169	1,464	918	743.8	518.4	442.9
MEAN	11.6	34.9	710	427	249	337	606	47.2	30.6	24.0	16.7	14.8
MAX	16	160	5,150	2,410	972	1,870	5,410	62	62	157	48	117
MIN	9.2	11	123	132	100	128	112	22	20	6.3	5.8	4.5
CFSM	.05	.16	3.31	1.97	1.15	1.56	2.79	.22	.14	.11	.08	.07
IN.	.06	.18	3.62	2.27	1.19	1.79	3.11	.25	.16	.13	.09	.08

CAL YR 1961: TOTAL 172,384.4 MEAN 472 MAX 27,600 MIN 9.2 CFSM 2.18 IN 29.54
 WAT YR 1962: TOTAL 76,603.3 MEAN 210 MAX 5,410 MIN 4.5 CFSM .87 IN 13.13

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	11	9.1	34	37	224	99	82	85	18	52	123	8.0
2	16	8.8	31	32	185	98	78	48	14	37	76	7.0
3	21	8.4	29	30	811	79	77	33	12	29	31	6.3
4	31	9.1	28	28	375	1,040	74	29	9.9	25	20	5.8
5	21	9.1	29	26	196	939	70	26	8.4	22	14	5.4
6	15	9.5	29	28	157	4,030	170	26	7.3	19	11	5.0
7	12	9.5	26	32	139	1,840	313	24	6.7	17	9.9	7.0
8	13	13	28	31	122	473	193	23	5.9	15	9.2	4.3
9	24	22	24	28	108	341	118	20	5.3	18	75	4.0
10	31	68	22	26	99	290	95	18	4.8	13	68	3.8
11	19	38	21	35	419	243	84	17	4.8	12	29	3.6
12	14	27	20	359	545	275	77	17	4.3	11	17	2.9
13	12	26	18	208	300	334	68	16	4.0	9.2	15	2.9
14	11	24	16	107	184	249	57	18	3.6	11	59	4.5
15	10	20	20	76	145	320	49	22	3.2	12	191	5.1
16	9.8	17	23	64	124	240	47	18	3.1	23	74	6.5
17	9.8	16	25	60	110	198	46	14	2.9	26	35	7.0
18	11	18	24	657	109	177	43	12	2.9	26	25	5.6
19	12	18	22	817	1,280	161	39	11	6.0	40	19	4.8
20	14	23	21	4,400	550	235	37	11	32	25	16	4.1
21	12	199	21	4,310	249	206	38	21	31	26	52	3.8
22	17	809	26	4,311	172	147	35	33	207	13	45	3.2
23	24	170	27	290	141	126	31	21	524	11	28	2.5
24	17	78	29	251	370	118	29	16	332	27	18	2.1
25	12	54	33	177	378	113	28	14	141	58	16	1.9
26	10	44	44	168	196	145	28	12	50	56	18	2.0
27	9.1	38	38	166	137	145	28	14	35	35	17	1.7
28	8.8	35	33	137	108	120	28	23	30	23	13	66
29	8.8	33	36	120	-----	103	30	26	127	19	11	89
30	9.1	34	73	227	-----	93	55	27	94	15	10	43
31	9.5	-----	52	310	-----	87	-----	27	-----	38	9.0	-----
TOTAL	454.9	1,887.5	900	13,868	7,933	13,064	2,147	722	1,730.1	763.2	1,154.1	331.7
MEAN	14.7	62.9	29.0	447	283	421	71.6	23.3	57.7	24.6	37.2	11.1
MAX	31	809	73	4,400	1,280	4,030	313	85	524	58	191	89
MIN	8.8	8.4	16	26	99	79	28	11	2.9	9.2	9.0	1.9
CFSM	.07	.29	.13	2.06	1.21	1.94	.23	.11	.27	.11	.17	.05
IN.	.08	.32	.15	2.38	1.36	2.24	.37	.12	.30	.13	.20	.06

CAL YR 1962: TOTAL 56,163.5 MEAN 154 MAX 3,410 MIN 4.5 CFSM .71 IN 9.63
 WAT YR 1963: TOTAL 44,955.3 MEAN 123 MAX 4,400 MIN 1.9 CFSM .57 IN 7.70

2-4255 Cedar Creek at Minter, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	25	4.0	45	214	191	280	153	418	40	409	183	24
2	16	4.5	30	229	149	2,330	151	1,640	40	209	399	23
3	12	6.1	28	145	120	4,250	149	2,560	36	124	250	22
4	9.0	8.0	23	99	106	965	147	645	34	106	110	21
5	7.0	7.7	21	75	101	1,870	141	450	35	116	85	20
6	7.0	7.3	18	412	118	645	290	350	45	88	78	19
7	6.0	7.3	17	1,330	133	408	266	300	155	58	79	21
8	5.9	7.3	18	539	122	350	2,750	240	59	48	90	18
9	5.6	7.3	18	3,030	115	300	1,510	200	42	48	84	18
10	5.9	7.3	20	844	101	250	395	180	35	50	85	17
11	4.3	8.4	18	294	99	230	260	160	32	58	75	25
12	4.3	7.3	326	216	103	220	213	153	31	139	108	1,750
13	4.5	6.5	474	175	236	210	937	157	31	719	70	1,090
14	4.5	5.6	1,350	133	1,040	500	4,980	157	29	368	54	204
15	4.5	5.1	744	115	416	2,690	3,650	124	26	483	47	117
16	4.3	5.3	182	144	352	1,240	765	108	24	170	46	85
17	4.3	5.9	101	1,090	243	457	429	101	23	115	45	68
18	4.1	6.5	70	1,260	2,880	400	350	90	23	98	52	58
19	4.0	7.0	55	377	1,240	430	290	85	22	81	46	51
20	3.8	11	47	1,130	408	989	250	77	20	79	44	48
21	3.6	9.2	44	416	300	505	210	74	18	496	42	46
22	3.4	7.7	42	240	250	400	180	66	17	356	42	43
23	4.3	8.4	45	191	200	320	160	63	18	183	111	41
24	4.3	8.5	47	409	200	270	140	59	25	137	87	39
25	7.7	21	42	936	437	350	130	61	118	156	58	36
26	5.1	16	37	352	504	300	300	74	174	81	43	34
27	5.1	16	36	224	362	250	4,270	56	80	67	37	32
28	5.1	34	33	189	561	220	5,990	48	172	115	32	32
29	4.5	111	31	164	348	190	1,080	42	115	608	29	37
30	4.1	132	29	139	-----	168	605	40	115	377	27	40
31	3.6	-----	43	166	-----	155	-----	40	-----	297	76	-----
TOTAL	192.8	499.2	4,034	15,277	11,435	22,142	31,141	8,818	1,634	6,439	2,564	4,079
MEAN	6.22	16.6	130	493	394	714	1,038	54.5	54.5	208	82.7	136
MAX	25	132	1,350	3,030	2,880	4,250	5,990	2,560	174	719	399	1,750
MIN	3.4	4.0	17	75	99	155	130	40	17	48	26	17
CFSM	.03	.08	.60	2.27	1.82	3.29	4.78	1.31	.25	.96	.38	.63
IN.	.03	.09	.69	2.62	1.96	3.79	5.34	1.51	.28	1.10	.44	.70

CAL YR 1963: TOTAL 46,439.1 MEAN 127 MAX 4,400 MIN 1.9 CFSM .59 IN 7.96
 MAY YR 1964: TOTAL 108,255.0 MEAN 296 MAX 5,990 MIN 5.4 CFSM 1.36 IN 18.55

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	58	38	135	160	220	678	246	76	27	18	40	19
2	60	36	109	150	253	2,710	237	73	23	15	28	146
3	42	36	92	140	234	863	210	66	22	14	19	53
4	283	36	126	130	197	548	200	64	22	14	18	27
5	2,350	35	132	190	186	450	190	61	23	14	18	23
6	501	34	109	160	813	359	170	60	26	19	21	18
7	160	34	87	140	4,880	308	160	54	25	26	38	16
8	94	34	78	160	1,350	275	150	53	26	41	45	15
9	73	34	75	200	510	246	140	50	23	30	72	14
10	60	32	70	220	390	250	130	46	22	30	73	13
11	54	30	76	192	319	259	125	45	25	32	166	12
12	42	30	171	148	1,830	773	120	44	38	38	128	11
13	41	30	205	130	1,190	1,210	115	41	34	48	153	11
14	40	31	128	122	539	506	110	38	50	27	107	12
15	408	32	92	126	406	363	105	35	66	21	46	11
16	832	31	76	120	338	298	100	34	52	21	30	10
17	220	31	73	115	3,580	1,520	100	32	34	19	24	9.0
18	128	31	76	110	5,810	5,220	100	30	26	16	21	9.0
19	92	34	87	105	1,000	845	160	30	22	14	22	8.0
20	73	68	82	105	460	522	674	29	19	12	22	8.0
21	61	94	166	110	350	398	288	26	18	11	22	8.0
22	58	55	189	240	320	316	160	26	17	12	78	7.5
23	54	42	139	2,100	316	326	130	25	16	14	94	7.2
24	49	118	122	11,000	348	348	115	24	16	14	38	6.9
25	46	1,600	2,870	2,060	458	288	105	23	25	14	26	13
26	44	441	2,980	566	308	363	98	22	25	14	23	18
27	43	192	2,330	410	259	1,250	92	20	22	16	41	14
28	42	173	634	322	246	482	88	19	19	22	24	11
29	42	378	350	285	-----	348	86	87	20	786	19	11
30	41	194	230	243	-----	204	82	83	20	282	17	786
31	41	-----	170	245	-----	282	-----	38	-----	76	16	-----
TOTAL	6,132	3,984	12,259	20,524	27,110	22,912	4,786	1,354	803	1,730	1,489	1,327.6
MEAN	198	133	395	662	968	739	160	43.7	26.8	55.8	48.0	44.3
MAX	2,350	1,600	2,980	11,000	5,810	5,220	674	87	66	786	166	786
MIN	40	30	70	105	186	246	82	19	16	11	16	6.9
CFSM	.91	.61	1.82	3.05	4.46	3.41	.74	.20	.12	.26	.22	.20
IN.	1.05	.68	2.10	3.52	4.65	3.93	.82	.23	.14	.30	.26	.23

CAL YR 1964: TOTAL 123,906 MEAN 344 MAX 5,990 MIN 17 CFSM 1.32 IN 21.88
 MAY YR 1965: TOTAL 104,410.6 MEAN 286 MAX 11,000 MIN 6.9 CFSM 1.36 IN 18.55

2-4273 Prairie Creek near Oakhill, Ala

Location --Lat 31°56', long 87°06', in N $\frac{1}{2}$ sec 18, T 11 N., R 10 E., on right bank at downstream end of pier of bridge on State Highway 10, 0.3 mile downstream and 0.4 mile upstream from small unnamed tributaries, 1.4 miles west of Oakhill, and about 6 miles upstream from mouth

Drainage area --9 73 sq mi

Records available --July 1959 to September 1965

Gage --Water-stage recorder

Average discharge --6 years, 12.3 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (600 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 18, 1961	1430	977	10 57	Dec 12, 1961	0930	* 748	9 12	Jan 23, 1965	0950	932	9 56
Feb 19, 1961	1400	1,140	11 42					Feb 17, 1965	1100	656	7 47
Feb 24, 1961	2130	* 1,690	14 15	Jan 20, 1963	1530	* 652	8 48	Mar 17, 1965	1800	1,070	10 52
Mar 6, 1961	2130	1,150	11 33					July 29, 1965	0900	* 1,210	11 43
Mar 16, 1961	1630	1,340	12 40	Mar 2, 1964	1300	806	9 26	Sept 30, 1965	1530	661	7 55
Mar 31, 1961	1600	1,200	11 71	Apr 14, 1964	0930	623	8 02				
Apr 12, 1961	0300	670	8 60	Apr 27, 1964	0430	* 854	9 07				

1959-65 Maximum discharge, 1,690 cfs Feb 24, 1961 (gage height, 14.15 ft), no flow for many days each year

Remarks --Records good above 30 cfs, fair between 10 and 30 cfs, poor below 10 cfs

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.80	.70	.40	4.6	3.6	19	81	18	.90	14	5.9	.30
2	.50	.50	.30	2.3	3.8	15	45	13	.90	7.6	5.9	.60
3	.30	.40	.30	1.7	15	13	34	7.1	.70	5.9	6.5	.50
4	.30	.40	.30	1.3	7.1	11	25	5.3	.60	5.9	53	.20
5	.70	.30	.30	1.2	5.3	9.2	17	4.2	.60	3.5	12	.10
6	2.2	.30	.30	1.1	12	282	23	3.8	.40	2.3	26	.80
7	1.0	.30	.30	1.1	31	145	19	3.0	.40	1.6	14	.20
8	.10	.20	.40	2.3	16	110	11	2.8	.60	2.2	8.9	.30
9	0	.20	.40	1.6	9.5	47	59	7.1	.40	2.7	6.5	.10
10	0	.30	.40	1.2	7.0	29	30	4.5	.40	.90	4.0	.10
11	0	.30	.60	1.1	5.9	20	21	4.0	.30	3.7	2.8	.10
12	0	.40	.70	1.1	5.1	16	212	3.5	.20	4.0	1.8	.40
13	0	.40	.60	2.2	4.6	14	46	2.8	1.2	1.4	1.2	.30
14	0	.40	.70	4.4	4.1	31	31	2.6	3.1	.90	1.1	3.1
15	0	.60	2.7	2.7	3.7	13	93	4.8	4.6	.50	.90	.90
16	0	1.0	2.1	1.8	3.4	10	37	3.8	1.8	.40	.90	.40
17	0	1.7	1.4	1.6	7.0	39	24	3.0	.70	.30	1.1	.30
18	0	.80	1.2	1.3	511	424	17	2.8	.50	.30	.70	.20
19	0	.60	1.1	2.9	498	58	12	2.3	1.9	.30	.60	.20
20	.70	.50	1.6	3.0	75	40	8.9	2.1	152	1.1	.60	.20
21	.30	.40	2.7	2.0	30	31	6.5	2.3	28	1.3	.60	.20
22	.30	.70	1.7	1.6	22	20	5.3	2.1	16	4.4	5.1	.10
23	.30	2.7	1.6	1.7	16	14	5.0	1.8	12	12	1.1	.10
24	.30	2.0	1.7	2.8	898	11	4.5	1.8	19	4.8	.90	.10
25	.20	1.1	1.9	19	278	8.8	4.2	3.6	21	.90	.90	0
26	.20	.70	1.9	36	53	7.7	4.0	4.2	76	.30	1.2	0
27	.30	.40	2.0	10	34	13	20	2.5	36	69	1.1	0
28	.30	1.0	1.9	6.6	27	135	6.7	1.8	17	24	.50	0
29	.30	1.8	2.1	5.7	-----	88	4.0	1.4	11	10	.40	0
30	.50	.60	5.5	4.6	-----	84	3.2	1.2	20	7.4	.30	0
31	.80	7.9	3.9	3.9	-----	581	-----	1.1	-----	6.5	.30	-----
TOTAL	10.40	21.70	47.00	134.4	2,586.1	2,338.7	909.3	124.3	428.20	200.10	166.80	9.80
MEAN	.34	.72	1.52	4.34	92.4	75.4	30.3	4.01	14.3	6.45	5.38	.33
MAX	2.2	2.7	7.9	36	898	581	212	18	152	69	53	3.1
MIN	0	.20	.30	1.1	3.4	7.7	3.2	1.1	.20	.30	.30	0
CFSM	.03	1.07	1.6	4.5	9.49	7.75	3.12	.41	1.87	.66	.55	.03
IN.	.04	.08	.18	.51	9.88	8.94	3.48	.48	1.64	.76	.64	.04

CAL YR 1960: TOTAL 5,137.70 MEAN 14.0 MAX 322 MIN 0 CFSM 1.44 IN 19.64
 MAY YR 1961: TOTAL 6,976.80 MEAN 19.1 MAX 898 MIN 0 CFSM 1.96 IN 26.67

2-4273 Prairie Creek near Oakhill, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	.20	5.0	13	24	60	6.0	4.8	.70	0	0
2	0	0	.30	4.0	11	116	32	4.5	1.6	.60	0	0
3	.10	0	.30	4.0	9.8	44	23	3.5	.60	.60	0	0
4	0	0	.30	3.0	8.6	32	18	3.1	.40	.60	0	0
5	0	.10	.40	10	9.2	24	22	2.6	.30	.80	0	0
6	0	.10	4.0	100	12	18	140	2.2	.20	3.7	0	0
7	0	.10	1.6	80	8.6	15	64	1.8	.10	2.8	0	0
8	0	.20	1.70	40	8.0	14	39	1.5	.10	1.3	0	0
9	0	.20	1.1	28	7.1	12	27	1.4	.10	.60	0	0
10	0	.30	123	23	5.9	10	21	1.2	.60	.10	0	0
11	0	.50	93	19	5.3	11	17	1.1	1.1	.10	0	0
12	0	.60	379	17	5.0	9.3	38	1.0	2.8	.10	0	0
13	0	.70	80	16	4.8	7.5	19	.80	.80	.10	0	0
14	0	3.3	92	15	4.5	9.9	13	.70	.30	.10	0	0
15	0	2.5	190	45	4.5	40	11	.60	.10	.10	.40	0
16	0	4.3	69	28	5.0	16	8.7	.40	.10	.10	.20	0
17	0	1.9	64	21	4.5	11	8.1	.70	.10	.10	0	0
18	0	.40	48	25	5.7	9.3	7.2	.10	.10	0	0	0
19	0	.30	26	71	10	8.7	4.0	.40	.10	0	0	0
20	0	.20	15	44	5.6	7.5	5.2	.40	5.3	0	0	0
21	0	.10	11	32	12	6.6	4.2	.30	1.1	0	0	0
22	0	.80	8.3	24	12	5.5	3.8	.20	.60	0	.80	0
23	0	6.9	7.1	21	8.3	5.0	3.1	.20	.80	0	.10	0
24	0	1.6	4.8	18	44	4.5	2.9	.20	.80	0	0	0
25	0	.50	4.0	15	19	22	3.1	.10	.60	0	0	0
26	0	.40	4.0	13	13	11	2.7	.10	.70	0	0	0
27	0	.30	4.0	40	11	6.9	2.4	.10	.80	0	0	0
28	0	.40	4.0	42	8.6	5.5	60	.10	.80	0	0	0
29	0	.20	3.0	23	-----	4.5	23	.10	.80	.10	0	0
30	0	.10	3.0	20	-----	4.5	9.9	.10	.70	.10	0	0
31	0	-----	3.0	15	-----	192	-----	.60	-----	0	0	-----
TOTAL	0.10	26.40	1,244.10	861.0	276.0	707.2	694.3	36.70	27.30	12.50	1.50	0
MEAN	.003	.88	40.1	27.8	9.86	22.8	23.1	1.18	.91	.40	.048	0
MAX	.10	6.9	379	100	44	192	140	6.0	5.3	3.7	.80	0
MIN	0	0	.20	3.0	4.5	4.5	2.4	.10	.10	0	0	0
CFSM	.0003	.09	4.12	2.85	1.01	2.34	2.38	.12	.09	.04	.005	0
IN.	.0003	.10	4.76	3.29	1.05	2.70	2.65	.14	.10	.05	.006	0

CAL YR 1961: TOTAL 8,169.30 MEAN 22.4 MAX 898 MIN 0 CFSM 1.89 IN 21.82
 WAY YR 1962: TOTAL 3,887.10 MEAN 10.6 MAX 379 MIN 0 CFSM 1.89 IN 21.82

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	.10	.30	2.3	1.8	1.6	.70	0	0	.20	0
2	0	0	.10	.20	3.3	1.0	1.5	.70	0	0	0	0
3	0	0	.10	.20	4.7	.60	1.4	.60	0	0	0	0
4	0	0	.10	.20	9.9	176	1.2	.60	0	0	0	0
5	0	0	.10	.20	5.8	92	1.1	.50	0	0	.0	0
6	0	0	.10	.70	3.8	158	5.9	.40	0	0	0	0
7	0	0	.10	.70	2.7	48	16	.20	0	0	0	0
8	0	0	.10	.40	1.5	30	6.6	.10	0	0	0	0
9	0	0	.10	.30	1.0	24	4.5	.10	0	0	0	0
10	0	0	.10	.30	.90	19	3.5	0	0	0	0	0
11	0	0	.10	2.5	22	17	2.7	0	0	0	0	0
12	0	0	.10	3.0	21	27	2.2	0	0	0	0	0
13	0	0	0	1.2	6.9	19	1.8	0	0	0	0	0
14	0	0	0	.70	3.5	20	1.4	0	0	0	0	0
15	0	0	.10	.40	2.0	21	1.1	0	0	0	0	0
16	0	0	.20	.40	1.2	15	1.0	0	0	1.4	0	0
17	0	0	.20	.60	.90	12	.90	0	0	.20	0	0
18	0	0	.10	14	7.2	9.9	.70	0	0	0	0	0
19	0	0	.10	72	61	8.4	.70	0	0	0	0	0
20	0	.50	.10	225	14	11	.60	.10	0	0	0	0
21	0	5.0	.20	39	7.2	6.9	.40	0	0	0	0	0
22	0	2.0	.40	13	3.8	5.2	.40	0	.60	0	0	0
23	0	.90	.30	4.0	2.9	4.8	.40	0	0	0	0	0
24	0	.50	.50	3.8	24	4.8	.40	0	0	0	0	0
25	0	.30	.90	3.1	10	4.0	.40	0	0	0	0	0
26	0	.20	.40	3.1	5.8	5.8	.60	0	0	0	0	0
27	0	.10	.20	2.9	3.3	4.0	.70	0	0	0	0	.10
28	0	.10	.20	1.8	2.4	3.3	.60	0	0	0	0	0
29	0	.50	1.5	1.8	-----	2.7	1.0	0	0	0	0	0
30	0	.20	.80	2.6	-----	2.2	2.2	0	0	2.7	0	0
31	0	-----	.40	3.1	-----	2.0	-----	0	-----	17	0	-----
TOTAL	0	10.30	7.80	401.50	277.20	756.40	63.50	4.00	0.60	21.30	0.20	0.10
MEAN	0	.34	.25	13.0	9.90	24.4	2.12	.13	.020	.69	.007	.003
MAX	0	5.0	1.5	225	61	176	16	.70	.60	17	.20	.10
MIN	0	0	0	.20	.90	.60	.40	0	0	0	0	0
CFSM	0	.04	.03	1.33	1.02	2.51	.22	.01	.002	.07	.0006	.0003
IN.	0	.04	.03	1.53	1.06	2.89	.24	.02	.002	.08	.0007	.0003

CAL YR 1962: TOTAL 2,634.60 MEAN 7.22 MAX 192 MIN 0 CFSM .74 IN 19.07
 WAY YR 1963: TOTAL 1,542.90 MEAN 4.23 MAX 225 MIN 0 CFSM .43 IN 9.90

2-4273 Prairie Creek near Oakhill Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.10	0	0	3.9	9.3	15	4.4	18	.50	6.2	1.6	.10
2	.10	0	0	2.9	6.5	283	3.9	126	.40	.60	1.2	.10
3	.10	0	.10	3.0	5.8	72	3.5	38	.40	.40	.60	.10
4	0	0	0	2.3	4.9	74	3.4	20	.30	1.5	.60	.10
5	0	0	0	1.5	5.2	55	3.0	14	.70	.60	.60	.10
6	0	0	0	4.2	4.7	29	5.7	11	.80	.20	.50	.10
7	0	0	0	17	4.3	21	5.8	8.4	.50	.20	.40	.10
8	0	0	.20	76	4.3	15	146	6.9	.40	2.6	.60	.10
9	0	0	.20	160	3.9	13	35	5.8	.30	5.8	.70	.10
10	0	0	.10	20	3.5	10	20	5.2	.30	.90	.60	0
11	0	0	.10	10	4.2	7.4	13	3.9	.30	5.5	.50	.90
12	0	0	10	7.9	3.6	6.5	11	3.7	.20	8.2	.40	.80
13	0	0	21	5.4	31	5.6	79	4.1	.20	24	.40	.20
14	0	0	9.5	4.4	46	77	260	2.8	.20	48	.40	.10
15	0	0	2.6	3.9	23	123	59	2.3	.10	12	.40	.10
16	0	0	.90	5.4	16	40	30	2.0	.10	4.0	.40	.10
17	0	0	.60	34	17	24	19	1.6	.20	2.8	.30	0
18	0	0	.40	17	192	17	13	1.3	.10	2.1	.30	.9
19	0	0	.30	25	40	50	9.8	1.2	.10	1.8	.30	1.1
20	0	0	.30	76	22	43	7.4	1.0	0	1.3	.30	.20
21	0	0	.30	19	15	22	6.0	1.0	0	1.7	.30	.10
22	0	0	.30	12	12	15	4.9	1.8	0	1.8	.90	.10
23	0	0	.60	8.1	9.8	12	4.2	1.0	0	1.0	.60	.10
24	0	0	.30	46	8.6	15	3.5	1.0	.10	7.2	.30	.10
25	0	0	.30	60	31	15	10	.90	.30	3.2	.20	.10
26	0	0	.30	23	15	13	38	.60	.20	1.3	.20	0
27	0	0	.30	14	21	8.8	336	.50	.20	1.0	.20	.10
28	0	1.5	.20	11	19	7.9	51	.50	.80	8.7	.20	.10
29	0	1.4	.20	7.9	11	6.5	28	.50	.80	1.8	.10	.10
30	0	.10	.67	6.7	-----	5.4	18	.50	14	1.0	.10	.20
31	0	-----	3.2	11	-----	5.0	-----	.50	-----	.80	.10	-----
TOTAL	0.30	3.00	52.50	736.3	589.6	1,106.1	1,231.5	286.00	22.50	158.20	14.30	9.30
MEAN	.010	.10	1.69	23.8	20.3	35.7	41.1	9.23	.75	5.10	.46	.31
MAX	.10	1.5	21	160	392	283	336	126	14	48	1.6	3.9
MIN	0	0	0	1.5	3.5	5.0	3.0	.50	0	.20	.10	0
CFSM	.0009	.01	.17	2.44	2.09	3.67	4.22	.95	.08	.52	.05	.03
IN.	.001	.01	.20	2.81	2.25	4.23	4.71	1.09	.09	.60	.05	.04

CAL YR 1963: TOTAL 1,580.60 MEAN 4.33 MAX 225 MIN 0 CFSM 1.45 IN 6.04
WAT YR 1964: TOTAL 4,209.60 MEAN 11.5 MAX 556 MIN 0 CFSM 1.18 IN 16.09

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.20	.10	.90	3.2	11	108	12	1.5	.10	0	.60	.70
2	.10	.10	.80	3.3	11	117	10	1.3	.10	0	.50	.50
3	.20	0	.90	7.8	8.8	42	9.1	1.2	0	0	.40	.60
4	1.9	0	1.5	4.5	8.6	29	8.6	1.0	0	.10	.30	.40
5	5.6	0	.90	3.5	8.4	21	7.4	.90	.10	.10	.30	.20
6	.40	0	.70	3.1	98	17	6.4	.80	0	0	.30	.20
7	.30	0	.70	2.6	98	14	5.8	.70	.10	0	.30	.20
8	.20	0	.70	2.4	38	12	5.2	.60	.10	0	.5	.10
9	.20	.10	.60	2.5	24	11	4.5	.60	.10	.10	1.3	.10
10	.20	.20	.60	6.0	19	12	3.9	.50	.20	.80	.60	.10
11	.20	.10	3.3	3.5	15	10	3.4	.40	.30	.10	13	.20
12	.20	.10	4.8	2.8	78	59	3.1	.40	.20	0	8.8	.10
13	.20	.10	2.3	2.5	52	41	2.6	.30	.10	0	2.6	.10
14	.20	.10	1.5	2.3	29	22	2.3	.30	.20	0	1.0	.10
15	1.3	.10	1.2	2.5	19	16	2.1	.30	.20	.30	.60	.10
16	.40	.10	1.0	3.1	24	13	1.8	.20	.10	1.7	.60	.10
17	.20	.10	1.0	2.2	413	335	1.4	.20	.10	.30	.50	.10
18	.20	.50	1.5	2.2	115	172	1.3	.20	.10	.10	.40	0
19	.20	1.1	1.1	2.1	44	47	82	.20	0	0	.40	0
20	.10	1.7	8.1	2.0	26	34	29	.20	0	0	.40	0
21	.10	.30	8.6	1.8	20	22	8.8	.10	0	0	.40	0
22	.10	.20	4.3	4.8	15	19	6.2	.10	0	0	.40	0
23	.10	.20	3.2	51.6	13	21	4.9	.20	0	0	.30	0
24	.10	14	26	82	26	18	3.7	.20	0	0	.30	0
25	.10	13	106	39	21	15	3.5	.10	.10	0	.20	0
26	.10	2.2	20	28	12	18	3.2	.10	0	.70	.70	0
27	.10	1.3	15	18	11	18	8.2	.10	0	.20	.40	0
28	.10	2.0	8.1	16	9.8	14	3.5	.40	0	0	.30	0
29	.10	1.4	6.2	14	-----	18	2.4	.20	0	229	.20	0
30	.10	1.0	4.7	13	-----	22	1.8	.10	0	3.3	.20	203
31	.10	-----	3.9	11	-----	14	-----	.10	-----	1.0	.20	-----
TOTAL	13.60	40.10	240.10	805.7	1,267.6	1,331	248.1	13.50	2.20	237.80	41.60	206.90
MEAN	.44	1.34	7.75	26.0	45.3	42.9	8.27	.44	.073	7.67	1.34	6.90
MAX	5.6	14	106	514	413	335	82	1.5	.30	229	13	203
MIN	.10	0	.60	1.8	8.4	10	1.3	.10	0	0	.20	0
CFSM	.05	.14	.80	2.67	4.65	4.41	.85	.04	.008	.79	.14	.71
IN.	.05	.15	.92	3.08	4.85	5.09	.95	.05	.008	.91	.16	.79

CAL YR 1964: TOTAL 4,447.60 MEAN 12.2 MAX 336 MIN 0 CFSM 1.25 IN 17.00
WAT YR 1965: TOTAL 4,448.20 MEAN 12.2 MAX 514 MIN 0 CFSM 1.25 IN 17.00

MOBILE RIVER BASIN

429

2-4277 Turkey Creek at Kimbrough, Ala

Location --Lat 32°01', long 87°33', in SE 1/4 sec 10, T 12 N, R 5 E, on right bank on upstream side of pier of bridge on county road, 0.3 mile upstream from Southern Railway bridge, 0.6 mile downstream from State Highway 5, 1 mile south of Kimbrough, and 2 miles upstream from mouth

Drainage area --114 sq mi

Records available --August 1958 to September 1965

Gage --Water-stage recorder Datum of gage is 58.78 ft above mean sea level, datum of 1929

Average discharge --7 years (1958-65), 149 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Oct 30, 1960	2400	2,220	8.13	Dec 10, 1961	0830	* 39,600	25.02	Mar 15, 1964	1700	4,390	15.38
Feb 18, 1961	2400	7,270	19.64	Dec 12, 1961	1700	4,830	16.15	Apr 8, 1964	2100	* 6,210	18.33
Feb 25, 1961	0900	6,020	18.06	Dec 18, 1961	-	-	-	Apr 27, 1964	-	-	-
Mar 7, 1961	-	-	-	Jan 19, 1962	1530	2,590	10.60	-	-	-	-
Mar 18, 1961	1830	3,650	13.96	Apr 12, 1962	1700	2,750	11.49	Jan 24, 1965	0100	* 8,370	20.40
Mar 29, 1961	1400	3,020	12.41	Mar 6, 1963	0600	* 2,090	7.46	Feb 17, 1965	2300	-	11.0
Mar 31, 1961	1830	* 10,300	21.39	Mar 3, 1964	0500	2,620	10.80	-	-	-	-
June 21, 1961	1000	2,790	11.64	-	-	-	-	-	-	-	-
June 26, 1961	0330	2,850	11.82	-	-	-	-	-	-	-	-

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 4, 5, 1960	4.0	0.77	1964	Oct 19-28, 1963	0.30	0.66
1962	Aug 13, 1962	2.4	0.72	1965	Sept 28, 1965	0.60	0.66
1963	Sept 25-27, 1963	1.0	0.60	-	-	-	-

1958-65 Maximum discharge, 39,600 cfs Dec 10, 1961 (gage height, 25.02 ft), from rating curve extended above 8,000 cfs on basis of two contracted opening measurements of peak flow, minimum, 0.10 cfs Sept 25, 26, 27, 1963

Remarks --Records good except those for water year 1962, which are fair, and those for periods of backwater from Alabama River or no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5.8	184	20	149	68	250	3,300	94	21	220	19	43
2	5.2	104	19	77	64	220	850	129	18	300	18	33
3	5.2	68	19	53	158	190	560	100	18	250	22	130
4	4.6	58	19	43	102	170	380	60	17	160	185	46
5	6.5	53	19	39	73	160	320	50	15	100	98	37
6	45	46	19	37	75	450	310	44	14	84	39	27
7	62	45	19	36	152	2,200	350	40	13	72	47	22
8	26	45	19	67	142	1,300	270	37	11	60	518	27
9	14	44	19	57	96	700	310	40	10	50	259	23
10	10	46	19	42	79	400	400	80	10	45	85	19
11	7.8	47	19	37	70	250	300	60	10	50	55	18
12	6.2	44	20	36	60	190	1,010	50	10	90	40	18
13	6.2	42	19	54	57	170	350	41	32	120	32	19
14	5.8	41	18	299	53	330	240	38	45	110	29	33
15	5.2	38	47	140	52	240	300	35	90	330	26	39
16	5.8	42	68	83	49	180	250	40	90	150	27	24
17	5.8	44	37	64	232	320	207	33	29	80	125	18
18	5.8	42	30	55	4,620	3,000	150	30	26	39	54	15
19	6.2	39	27	58	4,380	1,500	140	28	40	55	32	13
20	10	36	26	83	1,650	450	120	25	618	52	26	13
21	13	35	37	64	2,680	300	110	25	2,350	108	21	12
22	10	50	32	46	2,680	240	98	45	312	168	41	11
23	7.8	121	28	43	2,200	202	88	46	170	82	51	10
24	7.2	88	27	47	1,700	146	80	37	394	53	71	9.4
25	7.2	60	29	261	3,700	126	76	30	1,410	60	33	8.5
26	7.8	45	29	444	1,000	115	110	37	2,730	43	33	7.8
27	7.2	30	29	252	400	164	280	40	1,500	50	98	7.8
28	7.2	24	29	127	300	1,610	126	37	370	37	38	7.2
29	6.2	23	28	102	-----	2,290	64	33	285	28	27	6.2
30	815	23	68	81	-----	1,340	58	28	200	24	27	5.8
31	1,230	-----	84	73	-----	6,460	-----	25	-----	21	27	-----
TOTAL	2,367.7	1,607	922	3,049	26,892	25,665	11,200	1,457	10,858	3,091	2,203	702.7
MEAN	76.4	53.6	29.7	98.4	960	828	373	47.0	362	99.7	71.1	23.4
MAX	1,230	184	84	444	4,620	6,460	3,300	129	2,730	330	518	130
MIN	4.6	23	18	36	49	115	58	25	10	21	18	5.8
CFSM	.67	.57	.26	.86	8.42	7.26	3.27	.41	3.17	.87	.62	.21
IN.	.77	.52	.30	.99	8.77	6.37	3.65	.48	3.54	1.01	.72	.23

CAL YR 1960: TOTAL 60,354.7 MEAN 165 MAX 4,730 MIN 4.3 CFSM 1.42 IN 12.69
 MAY YR 1961: TOTAL 90,014.4 MEAN 247 MAX 6,460 MIN 4.6 CFSM 2.18 IN 29.37

Note --No gage-height record May 3 to June 7

2-4277 Turkey Creek at Kimbrough, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.8	6.8	19	650	187	150	563	90	24	10	7.5	3.8
2	6.8	5.5	19	289	202	680	199	60	20	9.6	4.3	3.2
3	11	6.1	18	222	172	350	144	56	16	8.2	16	3.2
4	13	10	18	218	158	250	117	50	15	7.5	40	2.8
5	9.6	11	18	596	140	184	115	45	13	7.5	11	14
6	8.9	10	19	1,520	130	172	963	41	13	15	7.5	30
7	6.8	8.2	24	470	120	150	1,100	38	13	30	4.9	6.1
8	7.5	6.8	23	332	110	120	328	36	12	14	4.3	3.8
9	7.5	6.1	399	279	100	122	215	34	12	8.9	3.8	3.8
10	6.8	6.1	16,000	265	96	130	178	32	12	6.8	3.8	3.2
11	6.8	6.1	2,870	255	93	174	178	30	20	6.1	3.2	2.8
12	6.8	5.5	4,260	252	90	355	1,780	29	33	4.9	2.8	3.8
13	6.8	9.6	3,550	245	88	164	1,000	28	20	3.8	2.4	3.2
14	7.5	44	2,410	235	82	133	350	27	16	4.3	2.8	20
15	7.5	20	2,820	588	79	339	210	22	12	6.1	3.2	22
16	7.5	11	2,400	436	220	187	150	18	11	8.2	117	10
17	7.5	10	2,100	235	144	135	120	18	11	8.2	15	10
18	7.5	6.8	3,300	560	190	117	100	18	10	6.8	8.9	8.2
19	6.8	4.3	2,500	2,330	466	107	90	17	9.6	4.3	6.1	4.9
20	7.5	3.8	1,000	1,020	155	102	84	16	19	4.3	3.8	4.3
21	6.8	3.8	450	402	312	105	78	16	24	3.8	3.8	3.8
22	6.8	4.3	360	314	304	102	70	15	15	3.8	3.8	3.8
23	6.8	212	320	286	205	86	65	15	11	3.2	4.3	3.2
24	6.1	93	300	259	1,390	77	60	14	10	3.2	6.8	2.8
25	6.1	43	270	235	390	88	106	14	13	3.2	5.5	2.8
26	5.5	29	250	212	250	100	68	12	16	3.2	5.5	3.2
27	5.5	26	280	590	200	77	58	11	13	3.8	4.3	3.2
28	6.1	24	290	394	170	68	398	11	14	3.8	4.3	3.2
29	5.5	22	250	255	-----	64	262	10	15	143	4.3	3.2
30	6.1	20	230	222	-----	58	158	15	11	20	3.8	3.2
31	6.1	-----	300	202	-----	849	-----	25	-----	12	3.8	-----
TOTAL	224.3	674.8	47,067	14,368	6,243	5,777	9,297	863	453.6	377.5	318.5	195.5
MEAN	7.24	22.5	1,518	463	223	186	310	27.8	15.1	12.2	10.5	6.52
MAX	13	12	16,000	2,350	1,390	849	1,780	90	33	143	117	30
MIN	5.5	3.8	18	202	79	58	58	10	9.6	3.2	2.4	2.8
CFSM	.06	.20	13.3	4.07	1.96	1.63	2.72	.24	.13	.11	.09	.06
IN.	.07	.22	15.4	4.69	2.04	1.88	3.03	.28	.15	.12	.10	.06

CAL YR 1961: TOTAL 133,083.8 MEAN 365 MAX 16,000 MIN 3.8 CFSM 3.20 IN 43.42
 MAY YR 1962: TOTAL 85,859.2 MEAN 235 MAX 16,000 MIN 2.4 CFSM 2.06 IN 28.01

Note --Backwater from Alabama River Dec 16 to Jan 1

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.8	4.3	7.5	12	128	56	38	16	26	85	10	1.8
2	12	3.8	6.8	12	102	60	38	12	16	47	6.6	2.9
3	50	3.8	6.8	11	1,030	46	36	11	11	32	5.8	6.6
4	15	4	6.8	11	251	35	35	10	8.0	28	6.8	2.4
5	6.8	4.3	6.1	10	133	349	31	9.0	6.0	26	5.0	2.4
6	6.1	4.9	6.1	10	98	1,600	30	8.0	5.0	20	4.2	1.8
7	4.3	4.9	6.1	12	79	305	77	7.0	4.0	16	4.2	1.4
8	9.6	4.3	6.1	14	62	167	74	7.4	3.0	15	3.5	1.4
9	24	5.5	6.8	11	52	132	38	5.8	3.0	63	4.2	1.0
10	14	7.5	6.8	10	44	120	32	5.8	3.0	42	3.5	1.0
11	8.9	8.9	6.1	20	44	97	31	5.8	2.4	26	4.2	.60
12	8.2	6.8	6.1	60	96	98	29	16	2.9	18	7.4	1.8
13	7.5	5.5	5.5	35	70	164	26	41	2.4	30	8.2	1.4
14	6.8	4.9	5.5	20	52	111	22	29	1.8	48	62	1.0
15	6.8	4.9	5.5	15	43	138	20	21	1.4	45	188	2.4
16	6.1	4.9	6.1	15	38	120	20	11	1.0	33	16	1.8
17	6.8	4.3	7.5	15	35	110	18	8.0	1.0	26	8.2	1.4
18	5.5	4.3	7.5	338	36	100	18	6.0	1.0	26	6.6	1.8
19	5.5	7.5	7.5	720	301	90	18	5.0	2.9	36	5.8	2.4
20	5.5	10	6.8	1,170	165	231	18	5.0	13	29	5.0	1.8
21	4.9	11	6.8	606	95	138	18	6.0	12	17	6.6	1.0
22	8.2	53	11	138	64	81	17	6.0	110	14	9.0	.60
23	8.9	107	15	90	56	68	17	5.0	505	10	5.0	.30
24	5.5	24	13	75	112	60	15	5.0	320	137	3.5	.20
25	4.9	13	15	62	122	55	14	5.0	77	265	2.4	.10
26	4.3	9.6	20	52	84	55	14	4.0	44	44	2.4	.10
27	3.8	8.9	15	64	64	81	15	14	32	25	2.4	.60
28	4.3	8.2	13	43	58	62	15	36	29	17	2.4	1.4
29	3.8	8.2	12	40	-----	52	15	118	28	14	2.9	2.4
30	4.3	7.5	18	115	-----	47	16	84	28	11	2.4	2.9
31	3.8	-----	15	222	-----	44	-----	42	-----	11	1.8	-----
TOTAL	269.9	358.9	283.8	4,028	3,514	4,917	785	564.8	1,299.8	1,276	405.0	48.70
MEAN	8.71	12.0	9.15	130	126	159	26.2	18.2	43.3	41.2	13.1	1.62
MAX	50	107	20	1,170	1,030	77	118	505	265	505	188	6.6
MIN	3.8	3.2	5.5	10	35	44	14	4.0	1.0	10	1.8	.10
CFSM	.08	.10	.08	1.14	1.10	1.39	.23	.16	.38	.36	.11	.01
IN.	.09	.12	.09	1.31	1.15	1.60	.26	.18	.42	.42	.13	.02

CAL YR 1962: TOTAL 38,805.7 MEAN 106 MAX 2,330 MIN 2.4 CFSM .93 IN 12.66
 MAY YR 1963: TOTAL 17,798.90 MEAN 48.6 MAX 1,600 MIN 1.0 CFSM .43 IN 15.96

2-4277 Turkey Creek at Kimbrough, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.9	2.4	7.4	21	73	100	73	130	13	216	40	8.2
2	2.4	2.4	3.5	24	57	1,440	71	150	13	121	31	8.2
3	1.8	6.6	7.4	38	47	1,770	66	170	12	62	23	7.4
4	1.4	5.0	9.0	64	42	452	64	130	12	116	46	6.6
5	1.4	5.0	5.8	64	42	650	64	100	12	91	107	5.8
6	1.4	5.0	5.0	73	50	300	1,500	87	12	50	53	5.8
7	.60	5.0	4.2	154	42	230	2,600	72	15	35	33	5.8
8	.60	5.8	5.0	79	45	200	4,320	66	12	30	33	5.8
9	.60	5.8	5.0	297	42	200	1,500	62	12	239	32	5.0
10	.60	8.2	5.8	184	41	220	400	60	13	176	31	5.0
11	.60	5.8	6.6	75	39	164	250	56	12	122	28	5.8
12	.60	5.8	123	60	39	148	200	79	318	25	7.4	5.8
13	.40	5.8	68	50	67	140	500	132	37	154	23	8.2
14	.40	5.8	154	41	347	477	1,200	59	22	41	21	6.6
15	.40	5.8	97	38	156	3,490	1,300	39	15	33	20	5.8
16	.40	5.8	39	46	140	1,830	450	35	12	26	37	5.0
17	.40	11	23	308	93	400	200	32	24	23	91	5.0
18	.40	8.2	20	324	1,330	210	190	26	14	20	74	4.2
19	.30	6.6	15	120	494	250	150	24	12	17	44	13
20	.30	6.6	13	97	170	520	130	23	11	16	29	13
21	.30	8.2	12	91	120	270	110	22	10	15	32	9.0
22	.30	8.2	13	64	102	200	100	22	8.2	15	25	5.0
23	.30	14	17	57	87	150	90	20	7.4	15	39	4.2
24	.30	21	18	68	79	130	80	21	92	16	45	3.5
25	.30	13	16	778	308	120	110	23	69	16	41	3.5
26	.30	6.6	13	242	365	130	400	20	90	15	18	3.5
27	.40	6.6	12	115	170	110	2,200	16	50	16	17	2.4
28	.40	13	11	89	182	90	1,000	13	35	23	16	2.4
29	.60	44	11	68	122	80	450	13	40	21	14	11
30	.60	15	10	59	-----	75	170	12	52	17	12	85
31	.60	-----	11	59	-----	73	-----	13	-----	15	9.0	-----
TOTAL	22.30	268.0	760.7	3,847	4,891	14,619	19,740	1,848	817.6	2,090	1,089.0	267.1
MEAN	.72	8.93	24.5	124	169	472	658	59.6	27.3	67.4	35.1	8.90
MAX	2.9	44	154	778	1,330	3,490	4,320	200	92	318	107	85
MIN	.30	2.4	3.5	21	39	45	12	7.4	15	9.0	2.4	2.4
CFSM	.006	.08	.22	1.09	1.48	4.14	5.77	.52	.24	.59	.31	.08
IN.	.007	.09	.25	1.25	1.60	4.77	6.44	.60	.27	.68	.36	.09

CAL YR 1963: TOTAL 17,889.30 MEAN 49.0 MAX 1,600 MIN .10 CFSM .53 IN 3.84
 MAY YR 1964: TOTAL 50,259.70 MEAN 137 MAX 4,320 MIN .30 CFSM 1.20 IN 16.40

Note --No gage-height record Apr 11 to May 4

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	43	15	66	58	110	220	81	21	3.8	6.0	10	2.5
2	83	15	58	56	130	400	77	19	3.5	5.0	8.6	4.0
3	27	15	56	103	120	650	72	17	3.5	4.2	7.4	10
4	293	15	398	92	110	300	77	16	3.5	17	6.0	5.4
5	1,440	15	199	70	100	200	75	15	3.5	13	5.0	9.0
6	161	15	103	60	150	150	68	14	3.5	12	3.5	5.0
7	66	15	87	60	470	130	60	13	3.5	7.4	9.0	3.6
8	41	14	81	56	250	110	56	12	5.0	10	6.6	3.0
9	33	13	66	52	160	120	54	11	7.4	11	2.5	2.5
10	27	13	58	140	120	150	52	11	6.6	22	9.0	2.2
11	22	12	308	85	150	180	52	10	5.8	11	5.8	2.0
12	20	12	750	64	870	160	49	9.5	7.4	8.2	5.0	3.5
13	18	13	191	54	450	450	49	9.0	9.0	5.8	6.7	4.4
14	17	13	122	54	250	220	54	8.5	493	5.0	7.4	3.0
15	222	15	98	64	170	160	56	8.0	90	6.6	5.8	4.0
16	189	16	81	118	400	140	47	7.6	38	5.8	4.4	3.5
17	66	16	75	77	1,700	130	45	7.3	28	5.0	3.2	2.7
18	39	16	98	62	2,000	230	45	7.0	21	5.0	2.4	2.4
19	30	17	98	55	1,500	180	47	6.8	16	4.2	2.9	2.3
20	22	74	87	51	500	150	43	6.6	13	3.5	3.5	2.7
21	20	39	128	47	300	130	38	6.4	11	2.9	12	2.3
22	20	24	105	63	200	110	32	6.2	9.0	2.9	9.0	2.7
23	17	20	94	3,780	180	120	29	6.0	8.0	3.5	5.0	3.0
24	16	62	151	4,080	210	118	27	6.0	14	3.5	4.2	2.4
25	15	587	236	608	240	105	25	6.8	9.6	4.2	4.2	1.8
26	13	131	122	990	180	98	30	5.9	7.0	22	5.0	1.4
27	13	70	96	730	140	103	52	5.2	5.2	14	5.8	1.0
28	14	169	77	464	160	98	56	4.7	8.0	14	9.0	1.0
29	14	203	70	270	-----	92	31	4.5	12	62	5.0	1.8
30	14	96	62	180	-----	98	24	4.3	7.0	30	4.0	101
31	14	-----	60	130	-----	96	-----	4.1	-----	15	3.0	-----
TOTAL	3,029	1,750	4,281	12,773	11,320	5,598	1,503	289.4	855.8	341.7	191.4	196.1
MEAN	97.7	58.3	138	412	404	181	50.1	9.34	28.5	11.0	6.17	6.54
MAX	1,440	587	750	4,080	2,000	650	81	21	493	62	12	101
MIN	13	12	56	47	160	92	24	4.1	3.5	2.9	2.4	1.0
CFSM	.06	.51	1.21	3.61	3.55	1.58	.44	.08	.25	.10	.05	.06
IN.	.99	.57	1.40	4.17	3.69	1.83	.49	.09	.28	.11	.06	.06

CAL YR 1964: TOTAL 58,258.7 MEAN 159 MAX 4,320 MIN 2.4 CFSM 1.40 IN 19.01
 MAY YR 1965: TOTAL 42,128.4 MEAN 115 MAX 4,080 MIN 1.0 CFSM 1.01 IN 13.74

Note --No gage-height record Jan 29 to Feb 16, Feb 22 to Mar 23, and May 2 to June 1 Backwater from the Alabama River Feb 17-21

2-4283 Tallatchee Creek near Vredenburgh, Ala

Location --Lat 31°48', long 87°18', in N¹ sec 31, T 10 N, R 8 E, near midstream on downstream side of bridge on Monroe County road No. 56, 0.8 mile upstream from St. Louis-San Francisco Railway bridge, 1 mile upstream from small tributary, 1.1 miles southeast of Vredenburgh, and about 10 miles upstream from mouth

Drainage area --14.6 sq mi

Records available --October 1958 to September 1965

Gage --Water-stage recorder and steel sheet-piling control Datum of gage is 109.73 ft above mean sea level, datum of 1929

Average discharge --7 years, 15.7 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (900 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 18, 1961	2000	1,720	10.67	Dec 12, 1961	1830	* 1,140	10.15	Apr 14, 1964	1100	* 1,700	10.50
Feb 19, 1961	1700	1,710	10.66					Apr 27, 1964	0900	1,300	10.14
Feb 24, 1961	2300	2,230	11.10	Jan 20, 1963	2200	* 632	9.48	Jan 23, 1965	1500	1,120	10.30
Mar 6, 1961	2130	* 2,950	11.70	Mar 2, 1964	1930	1,560	10.37	Feb 17, 1965	-	-	-
Mar 18, 1961	1030	1,200	10.20	Apr 8, 1964	1300	1,160	10.00	Mar 17, 1965	2400	* 1,650	10.74
Mar 31, 1961	1730	1,360	10.35								

No flow many days each year

1959-65 Maximum discharge, 2,950 cfs Mar 6, 1961 (gage height, 11.70 ft), no flow many days each year

Remarks --Records good above 100 cfs, fair between 10 and 100 cfs, poor below 10 cfs, and poor for periods of no gage-height record

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.80	.90	.40	1.4	5.8	20	110	3.0	1.0	1.9	.40	.50
2	.80	.50	.40	6.2	5.2	18	29	3.4	.80	2.0	.30	5.5
3	.70	.30	.40	3.8	15	18	20	3.4	.80	1.3	2.2	2.2
4	.50	.20	.40	2.8	15	16	19	2.8	.80	1.3	2.1	1.1
5	.50	.20	.50	2.5	9.4	14	18	2.5	.80	1.1	.90	.80
6	2.6	.10	.50	2.2	22	656	22	2.4	.80	1.0	36	.90
7	5.5	.10	.50	2.2	80	471	24	2.2	.60	.90	12	.50
8	2.1	.10	.40	3.0	40	144	18	2.2	.60	.80	15	.50
9	1.1	.20	.40	3.0	24	40	148	3.4	.50	.80	14	.40
10	.60	.30	.40	2.7	18	21	38	2.8	.60	.70	3.8	1.0
11	.40	.30	.50	2.4	13	18	21	2.2	.60	1.1	1.4	1.2
12	.30	.30	.50	2.2	8.8	18	295	2.1	.70	1.6	1.0	.80
13	.30	.30	.40	3.4	6.1	17	32	2.0	2.5	.80	.70	.50
14	.20	.30	.40	14	5.3	19	20	1.6	1.4	.70	.50	1.5
15	.30	.40	1.6	9.5	4.6	18	109	2.0	.40	.50	.80	.70
16	.20	.40	2.0	5.2	3.5	15	26	1.5	.20	.50	4.6	.40
17	.20	.80	1.2	3.8	3.4	50	18	1.4	.20	.40	2.6	.30
18	.20	.80	1.1	3.0	811	472	15	1.4	.40	.40	1.7	.20
19	.20	.50	1.0	2.8	866	45	12	2.6	1.5	.40	.90	.20
20	.80	.50	1.0	3.4	237	24	8.9	1.8	190	.80	.70	.20
21	.60	.40	1.5	3.6	48	18	6.8	2.1	26	3.8	.80	.10
22	.40	.50	1.2	2.8	40	18	5.8	2.4	11	2.0	1.5	.10
23	.20	1.0	1.0	2.7	30	15	5.2	2.4	6.6	1.2	1.0	.10
24	.20	.90	1.0	2.9	997	11	4.6	2.3	6.3	1.4	.80	0
25	.10	.70	1.1	39	647	9.3	4.1	3.2	9.2	.90	.70	0
26	.10	.70	1.0	108	52	8.3	3.8	3.6	34	.80	1.0	0
27	.10	.60	1.0	26	28	15	9.0	3.1	19	.70	1.1	0
28	.10	.60	1.0	15	24	224	5.0	2.6	8.9	.70	.70	0
29	.10	1.4	1.3	12	-----	164	3.4	2.0	3.7	.70	.70	0
30	.10	.80	9.6	8.9	-----	132	3.0	1.4	2.8	.50	.50	0
31	.90	-----	9.5	6.8	-----	670	-----	1.1	-----	.50	.50	-----
TOTAL	21.20	15.10	43.20	319.8	4,079.1	3,398.6	1,053.6	72.9	332.70	32.20	110.90	19.70
MEAN	.68	.50	1.39	10.3	146	110	35.1	2.35	11.1	1.04	3.58	.66
MAX	5.5	1.4	9.6	108	997	670	295	3.6	190	3.8	36	5.5
MIN	.10	.10	.40	2.2	3.4	8.3	3.0	1.1	.20	.40	.30	0
CFSM	.05	.03	.10	.71	9.98	7.51	2.41	.16	.76	.07	.25	.04
IN.	.05	.04	.11	.81	10.4	8.66	2.68	.19	.85	.08	.28	.05

CAL YR 1960: TOTAL 6,659.10 MEAN 18.2 MAX 423 MIN 0 CFSM 1.25 IN 16.26
WAT YR 1961: TOTAL 9,499.00 MEAN 26.0 MAX 997 MIN 0 CFSM 1.76 IN 24.20

2-4283 Tallatchee Creek near Vredenburgh, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	.10	.20	4.5	12	12	69	6.3	5.5	.40	.10	0
2	0	.10	.20	3.9	9.8	157	27	4.3	.70	.30	0	0
3	.10	.20	.20	3.3	8.3	38	16	3.3	.30	.30	.10	0
4	.10	.20	.20	3.0	7.7	25	12	2.8	.30	.20	.10	0
5	.10	.20	.40	21	7.6	19	11	2.0	.20	.20	0	0
6	.10	.20	1.7	121	7.7	14	144	2.0	.20	.30	0	0
7	.10	.10	.50	35	7.0	11	70	2.0	.20	.40	0	0
8	.10	.10	.20	26	6.7	9.8	22	1.0	.20	2.1	0	0
9	.10	.10	.60	18	6.5	9.2	18	1.0	.20	.60	0	0
10	.10	.10	273	14	6.0	8.6	12	1.0	.20	.30	0	0
11	.10	.10	99	11	5.0	9.0	9.5	.90	.20	.20	0	0
12	.10	.10	592	9.3	5.0	8.8	21	.80	.30	.20	0	0
13	.10	.20	197	8.4	4.1	7.7	20	.70	.30	.20	0	0
14	.10	.40	55	8.2	3.7	7.2	9.4	.60	.20	.20	0	2.2
15	.10	.50	355	30	3.6	39	6.8	.50	.20	.20	0	3.0
16	.10	1.1	112	29	3.6	22	5.3	.50	.20	66	0	1.9
17	.10	.40	46	17	3.4	11	5.0	.40	.10	8.8	0	1.4
18	.10	.20	54	15	3.4	8.6	4.0	.30	.20	1.3	0	1.1
19	.10	.20	29	85	5.3	8.0	4.0	.30	.20	1.4	0	.30
20	.10	.20	18	45	4.8	8.0	3.0	.30	5.9	.70	0	.10
21	.10	.20	13	25	5.1	7.2	3.0	.30	26	.50	0	0
22	.10	.20	9.2	19	12	5.6	3.0	.20	1.8	.50	0	0
23	.10	2.9	7.8	15	9.5	5.3	3.0	.20	2.6	.40	0	0
24	.10	.80	6.0	12	36	4.7	2.0	.20	19	.40	0	0
25	.10	.40	5.0	11	22	21	2.2	.20	3.5	.40	0	0
26	.10	.30	4.4	9.5	14	22	2.1	.10	1.6	.30	0	.10
27	.10	.30	4.3	89	8.6	9.8	1.8	.10	.60	.30	0	0
28	.10	.20	4.1	121	6.4	7.0	150	.10	3.2	.30	0	0
29	.10	.20	3.4	30	-----	5.9	74	.10	2.1	.90	0	0
30	.10	.20	3.1	21	-----	5.8	15	.10	.60	.40	0	0
31	.10	-----	3.2	16	-----	375	-----	11	-----	.10	0	-----
TOTAL	2.90	10.50	1,897.70	876.1	234.8	902.2	745.1	43.60	76.80	88.80	0.30	10.10
MEAN	.094	.35	61.2	28.3	8.39	29.1	24.8	1.41	2.56	2.86	.010	.34
MAX	0	2.9	592	121	36	375	150	11	26	66	.10	3.0
MIN	0	.10	.20	3.0	3.4	4.7	1.8	.10	.10	.10	0	0
CFSM	.006	.02	4.19	1.94	.57	1.99	1.70	.10	.18	.20	.0006	.02
IN.	.007	.03	6.83	2.23	.60	2.30	1.90	.11	.20	.23	.0007	.03

CAL YR 1961: TOTAL 11,330.60 MEAN 31.0 MAX 997 CFSM 2.13 IN 12.86
 MAY YR 1962: TOTAL 1,888.90 MEAN 15.4 MAX 592 MIN 0 CFSM 2.42 IN 12.45

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.60	.20	.10	1.0	10	7.9	2.5	.30	0	.30	.10	0
2	.60	.10	.10	.70	9.0	7.1	1.9	.20	0	1.1	.10	0
3	.40	.10	.10	.60	102	6.1	1.8	.20	0	.80	0	0
4	.20	.10	.20	.50	26	258	1.4	.20	0	.50	0	0
5	.20	.10	.20	.40	14	59	1.3	.20	0	.30	0	0
6	.10	.10	.20	.60	11	206	8.3	.20	0	.20	0	0
7	.10	.10	.20	.60	9.2	30	8.3	.10	0	.10	0	0
8	.20	.10	.30	.60	7.1	17	5.4	.20	0	9.7	0	0
9	.40	.30	.30	.60	6.1	13	3.9	.10	0	3.0	0	0
10	.20	.20	.20	.50	5.4	12	3.3	.10	0	1.0	0	0
11	.20	.20	.20	1.8	31	10	2.5	.10	0	.40	0	0
12	.10	.20	.20	12	51	10	1.9	.10	0	.20	0	0
13	.10	.20	.20	4.9	19	9.5	1.4	.20	0	.30	0	0
14	.10	.20	.20	2.7	13	10	1.0	.20	0	.40	.20	0
15	.10	.20	.30	1.6	10	15	.90	.10	0	.40	.20	0
16	.10	.20	.40	1.2	8.4	11	.90	.20	0	.30	.10	.10
17	.10	.20	.40	1.2	7.4	9.2	.60	.10	0	.20	0	0
18	.10	.20	.30	30	7.8	7.9	.50	.10	.10	.20	0	0
19	0	.20	.40	91	111	7.1	.40	0	.20	.10	0	0
20	0	1.5	.40	352	24	7.6	.40	.20	.30	.10	0	0
21	.10	10	.50	129	15	6.8	.40	.10	.40	.10	0	0
22	.10	5.8	.70	18	11	5.4	.40	0	20	.10	0	0
23	.10	1.7	.60	13	9.5	4.9	.30	0	7.0	.10	0	0
24	.10	.60	.70	9.8	30	4.5	.30	0	2.0	1.7	0	0
25	0	.40	.90	8.4	22	4.3	.30	0	.90	6.1	0	0
26	0	.30	.70	8.1	13	4.7	.40	0	.60	.80	0	0
27	0	.30	.60	7.6	10	4.7	.40	0	.40	.30	0	.20
28	.10	.30	.50	6.4	8.7	4.1	.40	0	1.0	.20	0	.20
29	.10	.40	2.8	5.6	-----	3.5	.50	0	.50	.10	0	.10
30	.10	.20	3.5	8.6	-----	3.1	.40	0	.40	.20	0	0
31	.10	-----	1.3	12	-----	2.9	-----	0	-----	.10	0	-----
TOTAL	4.70	24.70	17.70	731.00	601.6	762.3	52.40	3.20	33.80	29.40	0.70	0.60
MEAN	.15	.82	.57	23.6	21.3	24.6	1.75	.10	1.13	.95	.023	.020
MAX	.60	10	3.5	352	111	258	8.3	.30	20	9.7	.20	.20
MIN	0	.10	.10	.40	10.4	2.9	.30	0	0	.10	0	0
CFSM	.01	.06	.04	1.62	1.47	1.68	.12	.007	.08	.06	.002	.001
IN.	.01	.06	.05	1.86	1.53	1.94	.13	.008	.09	.07	.002	.002

CAL YR 1962: TOTAL 3,024.90 MEAN 8.29 MAX 375 MIN 0 CFSM .57 IN 7.71
 MAY YR 1963: TOTAL 2,262.10 MEAN 6.20 MAX 592 MIN 0 CFSM .42 IN 5.76

Note --No gage-height record June 7 to July 7

2-4283 Tallatchee Creek near Vredenburgh, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	.20	7.8	15	14	6.6	31	.30	5.7	3.2	.10
2	0	0	.10	6.6	10	524	6.1	306	.30	9.5	2.2	.10
3	0	0	.20	4.9	7.9	146	5.8	52	.30	1.6	.40	.10
4	0	0	.20	3.9	6.6	60	5.8	23	.20	4.0	.30	.10
5	0	0	.10	2.1	6.1	102	5.4	16	.20	3.8	.40	.10
6	0	0	.10	32	6.6	28	6.8	13	.20	.80	.30	0
7	0	0	.10	46	5.1	21	9.2	10	.20	.30	.30	.10
8	0	0	.20	42	5.8	18	402	9.0	.20	.70	.30	.10
9	0	0	.10	285	4.9	16	39	7.9	.20	3.9	.40	0
10	0	0	.10	21	4.3	15	19	7.1	.30	1.4	.50	.20
11	0	0	.20	11	4.7	13	15	6.4	.20	1.0	.80	.20
12	0	0	.70	9.0	4.3	12	12	5.6	1.5	1.8	.40	.20
13	0	0	3.6	6.4	7.8	11	103	6.6	.20	1.4	.30	.10
14	0	0	16	4.3	65	10	735	5.1	.20	20	.70	.10
15	0	0	13	3.3	20	92	62	4.1	.20	31	.20	.10
16	0	0	4.1	3.3	16	30	29	3.5	.10	17	.20	.10
17	0	0	1.9	40	12	18	20	3.1	.10	7.2	.20	.10
18	0	0	1.2	28	241	15	17	2.5	.10	3.9	.20	3.1
19	0	0	.70	14	36	45	14	2.1	.10	2.1	.20	5.2
20	0	0	.50	141	20	78	12	1.6	.10	1.4	.30	.40
21	0	0	.50	23	15	21	10	1.3	.10	1.3	.20	.20
22	0	.10	.50	14	13	15	9.0	.90	.20	2.7	.40	.20
23	0	.10	.60	11	11	14	8.1	.80	.30	1.6	1.3	.20
24	0	.20	.60	23	10	12	6.8	.80	.20	.70	1.2	.10
25	0	.20	.60	46	37	11	6.8	.70	.40	.50	.40	0
26	0	.20	.50	18	26	11	9.6	.60	1.6	.40	.30	.10
27	0	.40	.50	12	21	10	522	.50	4.3	.30	.20	.10
28	0	.90	.40	10	30	9.2	54	.40	2.9	.40	.20	.10
29	0	.70	.30	7.9	17	8.4	70	.40	.90	.20	.10	.20
30	0	.30	.30	6.6	-----	7.1	20	.30	1.3	.30	.10	.20
31	0	-----	1.3	11	-----	6.8	-----	.30	-----	.20	.10	-----
TOTAL	0	3.10	49.40	894.1	679.1	1,393.5	2,241.0	522.60	17.40	127.10	15.80	11.90
MEAN	0	.10	1.59	28.8	23.4	45.0	74.7	16.9	.58	4.10	.51	.40
MAX	0	.90	1.16	285	241	524	735	306	4.3	31	3.2	5.2
MIN	0	0	.10	2.1	3	6.8	5.4	.30	.10	.20	.10	0
CFSM	0	.007	.11	1.98	1.60	3.08	5.12	1.15	.04	.78	.03	.03
IN.	0	.008	.13	2.28	1.73	3.55	5.71	1.33	.04	.32	.04	.03

CAL YR 1963: TOTAL 2,267.50

MEAN 6.21

MAX 352

MIN 0

CFSM 1.43

IN 5.78

WAT YR 1964: TOTAL 5,955.00

MEAN 16.51

MAX 735

MIN 0

CFSM 1.11

IN 13.17

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.10	.10	.70	1.3	7.0	77	8.1	.40	0	0	.10	1.5
2	.10	0	.60	1.3	7.0	121	6.8	.40	0	0	.10	28
3	.20	0	.40	2.9	6.0	30	5.8	.40	0	0	0	10
4	1.1	0	.60	1.9	6.0	22	5.4	.40	.10	0	0	12
5	3.6	0	.60	1.3	8.0	17	4.9	.40	.10	0	0	18
6	.90	.10	.50	1.3	70	13	4.1	.40	.10	0	0	6.4
7	.20	0	.40	.90	60	11	3.7	.40	.10	0	0	2.3
8	.20	.10	.40	.90	35	9.0	3.1	.40	.10	.10	.20	.60
9	.20	.10	.40	.70	20	7.9	2.9	.30	0	.10	1.5	.30
10	.20	.20	.40	2.4	14	8.1	2.3	.30	0	.10	.40	.20
11	.10	.10	.60	2.1	10	8.1	1.9	.20	.10	0	.20	.20
12	.10	.10	6.0	1.2	70	61	1.4	.20	.10	0	.20	.20
13	.10	.10	3.5	.80	40	65	1.3	.20	.10	.10	.40	.10
14	.20	.10	1.8	.70	25	22	1.2	.20	0	.10	.20	.10
15	.20	0	1.0	.80	13	15	.90	.20	0	.10	.10	.10
16	.30	0	.90	3.2	20	12	.70	.20	0	.10	.10	.10
17	.20	0	.70	2.1	300	307	.60	.10	0	.10	0	.10
18	.20	.10	1.0	1.3	100	378	.60	.10	0	0	.10	.10
19	.10	.30	1.4	1.2	30	31	1.2	.10	0	.10	.10	.10
20	.10	.70	1.3	1.0	17	22	2.1	.10	0	0	0	.10
21	.10	.40	1.8	1.0	13	16	1.0	.10	0	0	0	0
22	.10	.20	2.1	1.5	11	13	.60	.10	0	.10	0	0
23	.10	.20	1.8	619	10	13	.50	.10	0	.10	0	0
24	.10	1.7	3.5	60	16	14	.40	.10	0	0	0	0
25	.10	11	77	35	23	11	.40	.10	0	0	0	0
26	.10	3.0	14	20	13	10	.40	0	.30	.10	26	0
27	.10	1.2	7.1	13	10	13	.70	0	0	.10	19	0
28	.20	1.2	4.1	10	9.0	11	.80	.10	0	0	7.0	0
29	0	1.8	3.1	9.0	-----	10	.50	.10	0	.10	3.2	0
30	.10	.90	1.9	8.0	-----	14	.40	.10	0	.20	1.0	39
31	.10	-----	1.6	8.0	-----	11	-----	0	-----	.30	.60	-----
TOTAL	9.50	23.70	141.40	813.80	963.0	1,373.1	64.70	6.20	1.10	1.90	60.50	119.50
MEAN	.31	.79	4.56	26.3	34.4	44.3	2.16	.20	.037	.061	1.95	3.98
MAX	3.6	11	77	619	300	378	8.1	.40	.30	.30	26	39
MIN	0	0	.40	.70	6.0	7.9	.40	0	0	0	0	0
CFSM	.02	.05	1.31	1.80	2.36	3.03	.15	.01	.003	.004	.13	.27
IN.	.02	.06	.36	2.07	2.45	3.50	.16	.02	.003	.005	.15	.30

CAL YR 1964: TOTAL 6,077.10

MEAN 16.6

MAX 735

MIN 0

CFSM 1.14

IN 15.48

WAT YR 1965: TOTAL 3,578.40

MEAN 9.80

MAX 619

MIN 0

CFSM .67

IN 9.12

Note --No gage-height record Jan 24 to Feb 23

2-4285 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

Records available --October 1943 to September 1965 Monthly discharge only for period October 1943 to February 1944, published in WSP 1304

Gage --Water-stage recorder Datum of gage is 45 43 ft above mean sea level, datum of 1929 Prior to July 12, 1944, wire-weight gage at same site and datum

Average discharge --22 years, 304 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (3,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	2300	10,400	19 18	Apr 1, 1962	1800	5,140	15 55	Jan 25, 1965	2400	* 4,280	14 40
Feb 25, 1961	2000	* 21,300	22 00					Feb 20, 1965	0230	4,040	14 03
Mar 9, 1961	0100	4,910	15 95	Jan 20, 1963	2200	* 2,710	11 18	Mar 20, 1965	1000	3,300	12 70
Mar 20, 1961	1000	4,790	15 11								
Apr 1, 1961	-	-	-	Apr 16, 1964	0900	* 5,890	16 43				
				Apr 29, 1964	0030	3,530	12 76				
Dec 14, 1961	1300	* 5,900	16 45								

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 29-30, 1960	20	1 37	1964	Oct 23, 1963	1 6	0 89
1962	Sept 8, 1962	4 5	1 13	1965	-	5 8	1 04
1963	Sept 26, 1963	1 4	90				

1944-65 Maximum discharge, 26,000 cfs Nov 27, 1948 (gage height 23 2 ft), from rating curve extended above 20,000 cfs, minimum, 0 20 cfs Sept 13, 14, 1954

Remarks --Records good above 100 cfs and fair below except those for periods of no gage-height record which are poor

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	49	28	35	127	127	868	3,600	158	52	319	51	65
2	44	27	27	136	116	693	2,000	187	50	247	46	154
3	38	25	24	102	194	570	1,500	176	45	269	47	119
4	36	22	22	71	313	589	1,220	146	45	263	65	94
5	44	21	21	58	301	616	824	126	44	199	80	81
6	57	22	21	52	259	1,090	783	112	43	179	156	90
7	20	20	21	46	675	3,000	1,020	99	38	158	289	74
8	85	20	20	52	983	3,990	925	97	38	195	498	78
9	64	20	21	52	744	4,110	1,100	126	35	229	465	74
10	57	20	21	57	372	2,280	1,890	126	37	152	203	81
11	45	20	24	52	247	891	1,730	116	40	130	323	69
12	35	20	24	47	187	622	2,360	106	36	215	205	78
13	33	20	22	46	160	559	2,680	98	75	191	137	80
14	33	20	22	66	143	681	2,460	87	115	144	195	195
15	31	20	33	95	131	816	1,640	85	126	119	170	158
16	31	20	36	98	119	642	1,320	78	332	98	134	112
17	29	20	44	78	117	930	1,030	70	271	95	430	84
18	26	21	35	64	1,340	2,760	660	66	168	91	240	65
19	26	22	31	58	3,030	3,460	480	61	208	84	125	57
20	30	23	28	58	6,750	4,310	382	57	1,320	120	92	53
21	31	22	37	60	8,250	2,480	328	57	2,360	176	95	49
22	29	21	35	58	4,170	840	283	58	2,200	253	90	47
23	26	21	36	57	2,030	600	253	60	1,160	168	105	45
24	28	22	31	60	2,800	510	227	142	408	125	88	42
25	29	22	28	150	17,700	428	207	143	968	157	78	40
26	25	26	29	608	12,400	361	189	156	1,540	142	74	40
27	23	32	35	852	4,720	370	213	152	2,500	90	76	42
28	21	25	31	542	2,080	1,420	325	108	2,810	76	73	33
29	20	32	26	267	-----	2,500	289	84	1,500	65	70	29
30	20	34	45	185	-----	2,600	187	65	480	61	70	28
31	25	-----	73	154	-----	3,500	-----	57	-----	57	64	-----
TOTAL	1,167	688	938	4,408	70,458	49,086	32,105	3,259	19,044	4,867	4,834	2,256
MEAN	37.6	22.9	30.3	142	2,516	1,583	1,070	105	635	157	156	75.2
MAX	97	34	73	852	17,700	4,310	3,600	187	2,810	319	498	195
MIN	20	20	20	46	116	361	187	57	35	57	46	28
CFSH	.15	.09	.12	.58	10.3	6.46	4.37	.43	2.59	.64	.64	.31
IN.	.18	.10	.14	.67	10.7	7.45	4.87	.49	2.89	.74	.73	.34

CAL YR 1960. TOTAL 133,581
MAY YR 1961. TOTAL 193,110

MEAN 365
MEAN 529

MAX 5,680
MAX 17,700

MIN 20
MIN 20

CFSH 1.49
CFSH 2.16

IN 20.28
IN 29.31

Note --No gage-height record Mar 29 to Apr 3

2-4285 Flat Creek at Fountain, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	23	23	24	239	328	261	4,290	486	45	36	42	6.3
2	23	23	25	261	289	781	4,200	259	52	29	29	7.6
3	27	25	25	253	259	1,240	2,870	180	37	28	25	13
4	28	31	25	239	239	886	838	146	33	26	24	8.1
5	27	30	26	347	231	531	591	122	31	27	23	6.3
6	26	34	51	1,260	237	390	958	108	30	31	24	5.0
7	25	29	50	1,800	241	311	1,910	97	28	44	22	6.8
8	24	25	49	1,330	209	267	1,830	88	25	44	17	11
9	28	20	41	738	195	245	1,080	81	33	93	15	16
10	25	19	2,700	585	182	225	627	76	34	76	14	20
11	21	19	3,320	459	168	293	486	70	38	38	13	14
12	19	18	4,540	382	160	492	486	65	43	31	9.6	13
13	17	19	5,400	325	154	453	594	62	40	26	10	19
14	16	32	5,660	311	146	295	522	57	34	22	13	13
15	15	33	4,210	428	143	348	358	52	31	28	13	13
16	15	35	3,510	660	142	582	289	49	27	31	13	16
17	14	33	3,010	633	137	432	249	46	35	34	14	14
18	15	30	2,780	435	134	291	223	44	68	61	14	18
19	15	29	1,690	584	219	241	207	41	36	34	11	15
20	16	29	818	1,050	307	211	185	37	35	26	9.6	11
21	16	28	503	974	265	201	167	34	33	21	8.6	7.2
22	16	27	424	621	247	184	152	33	32	20	9.0	6.3
23	16	67	381	486	291	170	143	33	30	16	13	6.3
24	17	60	328	410	346	156	132	32	29	14	13	5.8
25	20	56	301	362	573	207	120	31	32	13	9.0	8.1
26	22	38	267	321	459	420	122	30	47	13	7.6	11
27	20	37	233	421	309	412	116	28	37	13	7.6	7.6
28	20	32	211	774	255	251	447	26	31	20	7.2	7.2
29	21	27	189	832	-----	191	1,290	29	29	46	7.2	7.2
30	22	25	146	555	-----	173	1,150	28	38	124	6.8	6.8
31	23	-----	161	398	-----	2,280	-----	28	-----	55	6.8	-----
TOTAL	632	933	41,098	18,473	6,867	13,420	26,632	2,498	1,073	1,120	451.0	319.6
MEAN	20.4	31.1	1,329	602	225	433	866	80.6	36.8	36.1	14.5	10.7
MAX	24	67	5,660	1,800	573	2,280	4,290	486	68	124	42	20
MIN	18	18	24	239	134	156	116	26	25	13	6.8	5.0
CFSM	.08	.13	5.41	2.43	1.00	1.77	3.62	.33	.15	.15	.06	.04
IN.	.10	.14	6.24	2.80	1.04	2.04	4.04	.38	.16	.17	.07	.05

CAL YR 1961: TOTAL 232,980

MEAN 638

MAX 17,700

MIN 14

CFSM 2.61

IN 35.37

WAT YR 1962: TOTAL 113,516.6

MEAN 311

MAX 5,660

MIN 5.0

CFSM 1.27

IN 17.23

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	30	9.0	23	48	211	211	92	44	13	44	25	4.2
2	110	8.6	22	43	198	196	90	38	11	33	17	3.2
3	50	7.8	22	37	256	178	86	28	11	30	14	4.2
4	28	7.8	21	34	594	244	82	26	8.2	22	9.6	4.0
5	13	9.0	22	33	382	866	214	25	7.4	21	8.6	2.9
6	11	8.2	23	34	254	1,740	553	25	7.0	21	11	2.7
7	15	9.6	22	34	205	1,790	435	23	6.6	16	21	2.4
8	20	11	24	34	170	1,300	242	19	6.6	28	15	2.4
9	24	27	23	34	150	549	166	17	6.2	34	13	2.3
10	20	27	22	34	140	384	128	16	5.8	32	11	2.3
11	12	34	22	56	200	318	106	15	5.8	32	8.2	2.3
12	11	37	22	280	300	298	89	17	5.4	34	7.8	2.3
13	10	30	19	302	380	338	76	34	4.7	31	13	2.1
14	10	26	21	184	310	408	73	30	4.0	23	21	5.8
15	10	24	21	103	250	563	65	19	3.2	20	41	4.7
16	10	22	23	68	200	497	62	17	3.2	16	29	4.7
17	10	20	24	60	170	364	56	14	3.4	15	21	4.2
18	11	18	27	115	160	289	54	13	5.8	14	21	2.7
19	10	18	26	869	400	240	50	12	9.6	13	17	2.4
20	9.0	21	26	2,370	520	212	48	21	21	11	16	2.4
21	11	65	25	2,540	400	187	43	35	24	19	32	2.3
22	13	131	32	2,010	250	173	40	38	511	41	21	2.3
23	14	105	34	1,240	180	144	39	32	1,070	41	14	2.3
24	13	60	40	406	350	130	38	22	257	32	12	2.0
25	11	41	45	298	540	119	34	17	87	29	8.2	1.6
26	10	34	45	250	471	128	34	14	46	23	8.6	1.4
27	8.6	28	46	216	318	140	34	13	35	20	7.8	4.8
28	8.2	25	40	191	240	120	34	42	33	29	6.2	28
29	7.8	24	63	164	-----	110	34	26	32	54	5.0	4.4
30	7.8	24	78	180	-----	100	35	20	57	66	4.7	30
31	10	-----	73	198	-----	94	-----	17	-----	50	4.7	-----
TOTAL	538.4	912.0	976	12,465	8,199	12,430	3,132	729	2,300.9	894	464.4	182.9
MEAN	17.4	30.4	31.5	402	263	401	104	23.5	76.7	28.8	15.0	6.10
MAX	110	131	78	2,540	594	1,790	553	44	1,070	66	41	44
MIN	7.8	7.8	19	33	140	94	34	12	3.2	11	4.7	1.4
CFSM	.07	.12	.13	1.64	1.20	1.64	.43	.10	.31	.12	.06	.02
IN.	.08	.14	.15	1.89	1.24	1.89	.48	.11	.35	.14	.07	.03

CAL YR 1962: TOTAL 73,280.0

MEAN 201

MAX 4,290

MIN 5.0

CFSM .82

IN 11.12

WAT YR 1963: TOTAL 43,223.6

MEAN 118

MAX 2,540

MIN 1.4

CFSM .46

IN 6.95

2-4285 Flat Creek at Fountain, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	18	2.4	43	139	248	373	137	774	30	58	48	15
2	13	2.9	29	203	260	1,060	130	1,840	29	443	38	12
3	9.0	2.4	24	209	214	2,540	126	2,710	27	302	62	9.0
4	6.6	2.3	21	160	176	2,700	122	2,500	25	160	58	9.0
5	5.4	2.4	16	139	162	2,700	119	1,540	24	130	48	8.6
6	4.5	2.4	15	204	162	2,180	126	551	38	105	45	8.2
7	4.0	2.4	14	885	162	1,020	146	403	35	70	51	9.6
8	4.0	2.4	14	905	160	620	209	306	40	48	95	7.8
9	3.7	2.7	14	1,810	142	512	693	256	32	41	137	7.4
10	3.2	3.2	14	1,900	131	476	951	223	28	224	140	7.0
11	2.9	3.2	15	1,300	119	408	231	201	23	184	115	8.2
12	2.7	2.7	24	436	112	333	118	169	21	122	74	21
13	2.9	2.4	66	268	113	278	224	182	30	364	94	21
14	2.9	2.4	336	189	182	252	2,450	169	32	342	44	28
15	3.2	2.7	526	142	539	405	3,640	133	22	260	33	21
16	2.7	2.9	329	126	386	971	5,280	112	20	324	32	21
17	2.4	2.9	158	343	300	900	2,950	97	19	417	38	16
18	2.3	2.9	87	894	928	454	720	82	17	189	41	14
19	2.0	3.2	65	781	1,520	391	500	73	15	103	28	14
20	2.0	3.2	54	550	1,290	918	397	70	14	73	23	80
21	2.3	3.2	51	737	553	1,060	336	62	14	80	22	30
22	1.8	3.2	48	483	366	804	294	70	13	89	22	15
23	1.7	16	51	276	287	345	201	72	13	167	24	10
24	2.0	14	51	349	240	272	120	56	18	142	29	8.0
25	2.1	12	50	1,040	331	238	103	56	17	82	26	7.0
26	2.1	17	46	1,080	560	242	230	48	29	92	25	7.0
27	2.4	17	45	602	526	234	2,430	41	43	89	21	7.0
28	2.4	21	43	397	497	215	2,960	35	57	62	17	8.0
29	2.0	65	40	307	526	191	3,120	33	58	60	16	9.0
30	2.0	81	38	248	-----	167	2,210	32	56	58	15	10
31	2.0	-----	47	226	-----	146	-----	31	-----	73	17	-----
TOTAL	120.2	303.4	2,374	17,328	11,192	23,407	31,273	12,927	839	4,953	1,438	448.8
MEAN	3.88	10.1	76.6	559	386	755	1,042	417	28.0	160	46.4	15.0
MAX	18	81	526	1,900	1,520	2,700	5,280	2,710	98	443	140	80
MIN	1.7	2.3	126	112	148	112	103	31	13	41	15	7.0
CFSM	-.02	-.04	-.31	2.28	1.58	3.08	4.25	1.70	-.11	-.65	-.19	-.06
IN.	-.02	-.05	-.36	2.63	1.70	3.55	4.75	1.96	-.13	-.75	-.22	-.07

CAL YR 1963: TOTAL 43,596.8 MEAN 119 MAX 5,540 MIN 1.7 CFSM 1.79 IN 6.62
 MAY YR 1964: TOTAL 106,603.4 MEAN 291 MAX 5,280 MIN 1.7 CFSM 1.79 IN 16.18

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8.0	6.0	56	167	200	447	351	50	15	9.0	496	33
2	10	6.0	45	139	209	1,600	294	46	14	8.2	130	138
3	35	6.0	43	133	232	1,850	246	44	13	7.8	79	82
4	25	6.0	44	130	198	1,360	222	41	11	41	58	79
5	84	6.0	43	119	162	701	203	38	12	71	48	157
6	25	6.2	52	103	242	507	191	37	15	35	44	348
7	11	7.8	43	92	1,220	410	173	35	45	32	38	166
8	9.0	7.8	37	82	1,720	338	149	34	37	27	48	76
9	8.0	7.8	34	76	1,300	294	137	32	23	22	113	45
10	7.0	7.4	31	79	584	302	124	31	19	21	459	37
11	7.0	7.4	40	82	404	305	113	30	20	66	155	33
12	7.0	8.2	68	81	750	364	106	29	54	51	84	30
13	7.0	8.2	78	76	1,600	1,030	97	27	90	44	84	30
14	8.0	8.2	84	66	1,540	1,200	87	25	32	54	131	32
15	14	7.8	73	70	838	670	79	24	31	68	84	26
16	25	7.8	56	66	516	437	74	23	26	63	62	29
17	31	7.8	46	62	1,580	584	65	20	24	44	48	32
18	29	8.6	54	57	3,080	2,610	62	19	21	30	49	48
19	15	11	51	57	3,700	2,900	73	18	21	23	48	45
20	10	30	57	52	3,480	3,130	131	17	18	20	50	35
21	8.0	27	57	51	1,240	1,360	214	16	15	17	44	30
22	7.0	40	58	70	602	607	164	15	14	15	71	24
23	6.0	26	63	1,900	471	492	100	15	11	14	128	22
24	6.0	34	113	144	3,170	454	74	14	10	12	58	23
25	6.0	106	1,000	4,030	670	412	70	14	11	11	43	23
26	6.0	186	1,530	3,440	659	395	68	13	11	19	33	31
27	6.0	139	1,330	959	421	573	62	12	9.6	19	35	27
28	6.0	92	894	442	333	763	58	12	9.0	14	80	25
29	6.0	76	480	360	-----	543	56	11	14	530	108	23
30	6.0	76	278	287	-----	435	52	11	13	1,320	79	1,470
31	6.0	-----	205	238	-----	415	-----	13	-----	1,140	45	-----
TOTAL	444.0	974.0	7,043	16,716	28,405	27,478	3,895	766	658.6	3,848.0	3,042	3,199
MEAN	14.3	32.5	227	539	1,016	886	130	24.7	22.0	124	98.1	107
MAX	84	186	1,530	4,030	3,700	3,130	351	50	90	1,320	496	1,470
MIN	6.0	6.0	31	51	162	294	52	11	9.0	7.8	33	22
CFSM	-.06	-.13	-.93	2.20	4.14	3.62	-.53	-.10	-.09	-.51	-.40	-.44
IN.	-.07	-.15	1.07	2.54	4.31	4.17	-.59	-.12	-.10	-.58	-.46	-.49

CAL YR 1964: TOTAL 112,566.8 MEAN 207 MAX 4,630 MIN 6.8 CFSM 1.65 IN 17.84
 MAY YR 1965: TOTAL 92,468.8 MEAN 244 MAX 4,630 MIN 6.8 CFSM 1.65 IN 17.84

Note --No gage-height record Oct 1 to Nov 5

MOBILE RIVER BASIN

2-4290 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

Records available --December 1951 to September 1965

Gage --Water-stage recorder Datum of gage is 104 88 ft above mean sea level, datum of 1929, supplementary adjustment of 1943

Average discharge --13 years (1952-65), 156 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,800 cfs-revised), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	0200	3,170	9 08	Jan 6, 1962	0730	2,990	8 93	Apr 27, 1964	1600	* 5,530	10 28
Feb 25, 1961	0300	* 30,600	16 28	Mar 31, 1962	1630	* 11,200	12 35	May 2, 1964	2000	3,500	9 18
Mar 7, 1961	0400	2,890	8 85	Apr 7, 1962	0100	1,880	7 84				
Mar 18, 1961	1500	2,740	8 72	Apr 29, 1962	0300	2,060	8 05	Dec 25, 1964	1200	2,180	8 17
Mar 31, 1961	1330	2,290	8 29					Jan 23, 1965	1830	8,860	11 63
Apr 12, 1961	1200	3,050	8 98	Mar 6, 1963	1600	* 1,600	7 47	Feb 18, 1965	0230	2,660	8 60
June 21, 1961	2200	3,490	9 31	Mar 3, 1964	0200	3,860	9 40	Mar 18, 1965	0900	2,360	8 35
				Apr 14, 1964	2130	1,940	7 91	July 30, 1965	0030	3,010	8 86
Dec 10, 1961	1830	4,040	9 64					Sept 30, 1965	2300	* 10,200	12 05

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 29, 1960	45	1 20	1964	Oct 30, 1963	15	0 54
1962	Sept 9, 1962	26	77	1965	July 2, 1965	34	1 03
1963	Sept 24, 25, 1963	10	40				

1951-65 Maximum discharge, 30,600 cfs Feb 25, 1961 (gage height, 16 28 ft), from rating curve extended above 5,000 cfs on basis of contracted-opening measurement of peak flow, minimum, 10 cfs June 10, 1956, Sept 24, 25, 1963

Flood of March 1929 reached a stage of about 22 ft, from information by local residents

Remarks --Records good Records of water temperature February 1963 to September 1965 are published in reports of the Geological Survey

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	77	61	68	150	104	687	1,140	232	93	234	113	167
2	71	53	63	94	101	608	708	325	90	203	105	192
3	67	49	61	81	203	522	588	228	87	191	158	258
4	64	48	61	75	161	480	568	198	85	222	232	126
5	69	48	61	73	121	444	472	185	85	260	159	115
6	90	48	61	71	187	600	564	174	83	265	178	108
7	110	46	61	70	397	2,010	700	164	78	171	161	100
8	82	47	61	85	303	911	455	156	79	182	218	101
9	73	50	61	82	191	686	906	225	77	206	264	99
10	67	55	60	71	158	514	1,080	198	90	153	143	111
11	64	57	85	69	142	462	578	167	113	157	145	115
12	63	53	85	67	132	432	2,060	168	92	339	117	142
13	61	51	66	73	123	416	986	151	87	181	118	129
14	59	52	63	109	116	476	685	140	105	153	143	274
15	60	50	94	89	111	407	598	139	157	134	114	161
16	58	52	112	78	108	355	625	133	274	125	120	111
17	56	73	80	73	106	748	462	118	132	150	142	97
18	55	67	71	69	1,100	1,970	415	112	127	138	105	89
19	56	67	69	72	2,370	1,080	386	107	290	124	94	87
20	62	59	71	85	2,160	682	361	101	1,490	176	90	85
21	58	57	114	73	834	558	340	124	1,530	594	100	81
22	56	56	87	68	620	481	325	125	455	296	115	77
23	52	61	75	69	1,180	427	309	107	292	189	200	74
24	49	69	69	77	3,240	387	295	124	386	182	123	71
25	48	63	75	206	12,600	358	279	171	450	252	109	68
26	47	61	69	338	1,600	340	282	237	924	159	113	67
27	48	60	74	216	1,030	366	397	198	1,040	221	109	72
28	47	68	72	145	830	783	360	126	435	246	97	69
29	46	113	69	132	-----	1,190	244	111	308	172	90	61
30	46	85	100	117	-----	1,040	224	102	258	144	87	58
31	58	-----	107	109	-----	1,760	-----	97	-----	130	95	-----
TOTAL	1,919	1,779	2,325	3,186	30,328	22,180	17,392	4,943	9,792	6,349	4,157	3,365
MEAN	61.9	59.3	75.0	103	1,083	715	580	159	326	205	134	112
MAX	110	113	114	338	12,600	2,010	2,060	325	1,530	594	264	274
MIN	.46	.46	.60	.67	.101	.340	.224	.97	.77	.124	.87	.58
CFSM	.53	.51	.64	.88	9.26	6.12	4.95	1.36	2.79	1.75	1.15	.96
IN.	.61	.57	.74	1.01	9.64	7.05	5.53	1.57	3.11	2.02	1.32	1.07
CAL YR 1960 TOTAL	71,775			MEAN 196		MAX 2,010	MIN 45	CFSM 1.68	IN 22 81			
WAT YR 1961 TOTAL	107,715			MEAN 295		MAX 12,600	MIN 46	CFSM 2.52	IN 34.24			

2-4290 Limestone Creek near Monroeville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	56	49	62	228	200	343	1,780	231	95	51	65	27
2	55	49	63	189	193	705	723	199	73	48	49	28
3	56	54	62	174	187	403	512	176	65	46	46	36
4	60	68	62	168	186	300	430	166	62	44	54	30
5	57	68	62	282	192	264	402	158	59	48	46	30
6	53	60	130	2,170	213	229	786	147	56	65	43	37
7	52	58	98	714	183	216	1,180	139	56	72	42	33
8	53	56	77	488	176	207	546	132	51	68	39	55
9	55	53	73	371	181	202	426	122	56	50	36	41
10	51	54	1,880	354	169	198	375	116	67	45	34	35
11	49	56	1,350	293	157	225	266	112	137	42	31	33
12	48	57	1,240	272	156	244	609	106	142	42	31	35
13	48	57	1,570	258	162	186	94	90	51	37	31	42
14	48	92	560	268	153	175	338	94	72	45	39	40
15	45	93	537	323	150	254	303	92	65	56	62	43
16	45	102	712	290	170	198	271	88	57	108	45	44
17	46	96	502	240	154	170	255	85	70	74	41	53
18	46	70	725	236	162	148	248	87	133	52	37	42
19	46	65	484	332	436	158	234	82	76	46	34	35
20	44	62	350	333	240	158	218	84	74	42	32	31
21	44	59	300	254	206	160	201	77	104	42	32	28
22	46	60	272	236	213	150	193	72	69	38	42	28
23	47	142	254	228	190	175	186	68	65	37	42	28
24	46	114	229	219	317	153	178	65	64	36	34	28
25	46	77	214	214	225	234	176	64	98	37	37	34
26	46	69	205	206	194	248	172	60	64	40	30	47
27	43	67	211	328	182	171	164	58	56	52	30	34
28	44	67	230	352	182	153	386	57	54	43	30	31
29	46	64	194	240	-----	146	1,210	56	64	129	29	30
30	47	62	183	217	-----	147	326	55	58	179	28	29
31	49	-----	186	206	-----	4,030	-----	80	-----	69	28	-----
TOTAL	1,517	2,120	13,077	10,683	5,521	10,764	13,638	3,227	2,262	1,795	1,199	1,079
MEAN	48.9	70.7	422	345	197	347	455	104	75.4	57.9	38.7	34.0
MAX	60	142	1,880	2,170	436	4,030	1,780	231	142	179	65	55
MIN	43	49	62	168	150	146	164	55	51	36	28	27
CFSM	.42	.60	3.61	2.95	1.69	2.97	3.89	.89	.64	.49	.33	.31
IN.	.48	.67	4.16	3.40	1.75	3.42	4.34	1.03	.72	.57	.38	.34

CAL YR 1961: TOTAL 118,406 MEAN 324 MAX 12,600 MIN 43 CFSM 2.77 IN 37.64
 WAT YR 1962: TOTAL 66,882 MEAN 183 MAX 4,030 MIN 27 CFSM 1.57 IN 21.26

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	110	35	55	70	138	133	81	43	24	57	83	18
2	386	35	51	65	127	129	77	39	22	45	46	16
3	104	36	49	61	199	110	77	37	72	42	32	16
4	62	37	55	58	154	104	75	37	20	45	76	16
5	47	36	57	57	124	129	69	35	20	36	22	16
6	42	35	54	70	115	1,050	171	34	19	32	20	15
7	39	36	51	74	106	539	417	32	19	31	24	14
8	67	52	55	64	295	175	30	18	39	26	13	13
9	93	135	57	58	90	243	123	30	17	51	46	13
10	57	78	51	56	89	219	109	28	17	39	34	13
11	46	51	50	90	132	194	93	28	15	30	24	13
12	43	64	49	351	225	194	87	28	14	27	24	15
13	41	64	50	207	139	198	84	36	13	29	72	17
14	40	50	52	144	111	209	70	36	13	90	31	18
15	40	47	52	106	98	428	64	30	13	52	67	21
16	41	46	61	93	92	245	63	27	16	55	38	20
17	41	47	63	88	89	205	61	25	16	40	28	19
18	45	51	55	219	95	178	57	24	24	33	25	18
19	41	53	52	369	388	164	54	24	45	30	22	17
20	38	61	52	1,280	216	164	52	42	57	26	33	15
21	43	177	52	1,090	158	140	48	122	65	24	55	13
22	59	177	63	391	128	123	46	46	278	24	32	13
23	46	65	64	284	118	118	44	37	884	22	25	12
24	39	66	64	233	236	116	43	32	179	25	23	10
25	37	59	90	187	219	112	42	30	97	60	20	11
26	37	57	74	183	158	139	42	28	68	44	20	12
27	37	54	64	171	134	126	42	26	55	45	18	74
28	36	53	62	142	122	102	44	30	60	35	18	89
29	36	54	149	133	-----	95	49	39	57	30	27	46
30	38	56	133	156	-----	87	66	35	60	30	22	32
31	38	-----	83	168	-----	84	-----	26	-----	50	20	-----
TOTAL	1,869	1,906	1,969	6,718	4,097	6,372	2,525	1,096	2,227	1,218	963	635
MEAN	60.3	63.5	63.5	217	146	206	84.2	35.4	74.2	39.3	31.1	21.2
MAX	386	196	149	1,280	388	1,050	417	122	884	90	83	89
MIN	36	35	49	56	89	84	42	24	13	22	18	10
CFSM	.52	.54	.54	1.85	1.25	1.76	.72	.30	.63	.34	.27	.18
IN.	.59	.61	.63	2.14	1.30	2.03	.80	.35	.71	.39	.31	.20

CAL YR 1962: TOTAL 55,912 MEAN 153 MAX 4,030 MIN 27 CFSM 1.31 IN 17.77
 WAT YR 1963: TOTAL 31,595 MEAN 86.6 MAX 1,280 MIN 10 CFSM .74 IN 10.04

MOBILE RIVER BASIN

2-4290 Limestone Creek near Monroeville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	27	21	78	219	168	139	126	424	73	129	81	44
2	26	33	65	129	139	739	123	1,690	69	96	265	43
3	24	26	77	105	133	2,200	122	1,450	64	79	130	41
4	22	24	64	99	123	663	125	583	61	243	92	41
5	21	26	56	116	135	982	119	419	76	348	92	39
6	20	28	51	211	145	512	149	341	109	137	85	39
7	19	28	49	546	123	378	247	291	71	97	91	43
8	18	26	50	299	130	324	195	260	60	85	156	43
9	18	26	50	1,140	114	296	170	234	56	89	163	39
10	18	26	45	568	108	284	131	216	66	93	113	38
11	18	27	45	286	104	234	119	200	61	85	122	45
12	18	26	68	250	100	216	114	183	82	148	103	122
13	17	24	148	206	104	200	153	288	66	228	112	69
14	18	24	348	169	134	195	909	194	54	184	99	50
15	18	26	289	154	118	311	1,030	164	49	213	79	45
16	17	27	136	151	122	276	346	147	47	140	75	44
17	17	28	104	286	104	200	255	133	52	113	72	43
18	16	28	91	355	342	182	214	122	45	114	83	43
19	16	27	81	212	248	196	168	115	43	104	79	60
20	16	27	77	281	154	456	166	112	42	89	64	50
21	16	28	81	201	134	254	148	103	42	85	61	44
22	16	30	82	167	127	196	140	126	44	160	75	41
23	16	191	89	154	119	177	133	133	44	122	94	41
24	19	113	82	250	113	168	120	107	48	108	84	39
25	21	49	72	452	265	179	113	139	65	165	69	37
26	21	47	69	236	238	189	249	104	99	102	59	35
27	20	134	66	192	176	157	2,840	88	97	83	56	36
28	19	174	65	186	207	147	1,342	81	73	125	52	36
29	17	367	61	158	152	140	988	75	158	131	49	41
30	15	130	56	148	-----	130	493	74	101	126	47	52
31	17	-----	103	155	-----	127	-----	73	-----	94	45	-----
TOTAL	581	1,811	2,798	8,081	4,379	10,847	11,565	8,669	2,017	4,115	2,848	1,383
MEAN	60.4	90.3	26.1	151	151	260	280	67.2	133	91.9	46.1	122
MAX	27	367	348	1,140	342	2,200	2,840	1,690	158	348	265	421
MIN	15	21	45	99	100	127	113	73	42	79	45	35
CFSM	.16	.52	.77	2.23	1.29	2.99	3.29	2.39	.57	1.13	.79	.39
IN.	.18	.58	.89	2.57	1.39	3.45	3.68	2.76	.64	1.31	.91	.44

CAL YR 1963: TOTAL 31,041 MEAN 85.0 MAX 1,280 MIN 10
 MAY YR 1964: TOTAL 59,094 MEAN 161 MAX 2,840 MIN 15
 CFMS -73 IN 9.87
 CFMS 1.38 IN 18.78

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	53	54	85	152	302	405	332	96	40	36	162	65
2	54	52	81	139	445	1,160	306	92	40	34	136	170
3	300	54	81	149	318	548	285	88	40	43	102	115
4	215	53	118	132	274	435	267	87	41	89	88	96
5	520	52	121	120	255	369	255	83	69	367	92	88
6	214	52	89	118	385	337	238	80	56	110	84	75
7	118	52	81	115	1,290	306	222	78	65	97	168	64
8	96	53	78	108	575	285	216	75	57	96	144	58
9	85	53	77	105	426	273	206	71	73	130	184	54
10	77	52	75	120	368	314	196	68	54	190	192	52
11	70	52	90	109	326	310	186	68	65	109	116	63
12	67	52	194	99	681	311	178	64	72	93	108	63
13	68	56	119	96	608	469	173	62	91	78	174	64
14	69	57	97	95	460	316	160	60	84	98	97	63
15	111	54	87	100	368	278	154	57	97	93	78	55
16	114	52	83	103	334	253	151	55	71	105	75	55
17	82	54	83	88	1,210	320	139	54	65	78	95	56
18	69	53	104	86	1,890	1,450	136	54	60	57	95	51
19	65	54	100	87	813	612	141	54	51	50	234	56
20	63	117	89	87	575	467	256	52	45	45	139	54
21	61	83	97	86	485	387	164	50	42	42	161	50
22	61	61	91	91	419	349	142	48	41	44	205	48
23	60	58	89	4,530	383	346	138	50	39	41	125	47
24	57	91	180	2,640	385	321	129	49	40	40	96	61
25	56	333	1,350	826	423	294	124	47	50	42	84	62
26	56	145	558	667	327	390	126	45	42	94	74	49
27	57	98	436	564	305	1,060	119	45	43	70	69	48
28	57	119	241	415	291	724	113	46	40	86	122	48
29	56	152	203	369	-----	491	105	61	42	501	141	52
30	56	100	179	363	-----	408	101	48	39	1,360	88	2,950
31	56	-----	165	456	-----	369	-----	43	-----	248	72	-----
TOTAL	3,143	2,368	5,521	13,215	14,921	14,357	5,458	1,930	1,654	4,566	3,750	4,832
MEAN	101	78.9	178	426	533	463	182	62.3	55.1	147	121	161
MAX	520	333	1,350	4,530	1,890	1,450	332	96	65	1,360	234	2,950
MIN	53	52	75	86	255	253	101	43	39	34	69	47
CFSM	.87	.67	1.52	3.64	4.55	3.96	1.55	.53	.47	1.26	1.03	1.38
IN.	1.00	.75	1.75	4.20	4.74	4.56	1.73	.61	.53	1.45	1.19	1.54

CAL YR 1964: TOTAL 64,936 MEAN 177 MAX 2,840 MIN 35
 MAY YR 1965: TOTAL 75,715 MEAN 207 MAX 4,530 MIN 34
 CFMS 1.22 IN 20.64
 CFMS 1.77 IN 24.07

2-4295 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

Records available --April 1930 to September 1965

Gage --Water-stage recorder Datum of gage is 0 4 ft above mean sea level, datum of 1929, supplementary adjustment of 1943

Average discharge --35 years, 32,010 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Mar 7, 1961	267,000	55 15	Nov 11, 1960	10,200	10 01
1962	Dec 26, 1961	178,000	48 83	Sept 10, 1962	7,500	9 28
1963	Jan 26, 1963	100,000	a 38 38	Sept 20, 1963	8,560	9 40
1964	Apr 17, 1964	193,000	b 50 08	Nov 22, 1963	7,890	-
1965	Feb 19, 1965	113,000	c 40 88	Sept 6, 1965	9,910	10 63

a Occurred Jan 27, 1963

b Occurred Apr 18, 1964

c Occurred Feb 20, 1965

1930-65 Maximum discharge, 267,000 cfs Mar 7, 1961, maximum gage height, 55 15 ft Mar 7, 1961, minimum discharge, 4,450 cfs Oct 1, 1954

Remarks --Records good Flow regulated by reservoirs on Etowah, Coosa, and Tallapoosa Rivers (See p 630-633)

Cooperation --Gage-height record and 90 discharge measurements furnished by Corps of Engineers

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	13,000	17,200	13,800	17,400	21,600	203,000	107,000	47,600	17,300	53,900	16,500	10,600
2	15,800	14,400	13,500	20,400	19,200	219,000	115,000	49,700	15,400	49,600	14,600	13,200
3	17,400	12,100	14,400	21,400	17,700	234,000	122,000	48,800	14,700	45,400	13,300	31,100
4	16,500	11,600	14,900	19,300	17,200	244,000	128,000	46,800	15,600	39,500	14,100	39,200
5	13,900	12,400	15,600	18,300	16,500	255,000	131,000	44,900	15,900	33,200	15,500	35,600
6	12,400	12,700	15,700	19,400	17,700	260,000	135,000	41,700	14,300	28,100	15,800	29,900
7	14,800	12,300	14,100	20,300	20,400	266,000	138,000	38,100	11,700	22,600	15,200	24,900
8	18,100	12,200	12,600	20,200	22,900	262,000	136,000	35,400	10,500	19,600	15,000	20,800
9	19,400	11,500	12,200	20,600	25,000	253,000	127,000	33,400	11,100	19,100	16,200	18,300
10	21,600	10,400	13,000	20,200	25,600	241,000	110,000	30,900	12,600	20,100	15,600	17,000
11	23,200	10,200	14,200	19,100	26,200	228,000	90,300	28,800	14,300	19,400	14,800	16,900
12	21,100	10,600	15,100	17,600	26,400	214,000	80,900	26,200	15,300	19,800	15,100	16,100
13	19,700	11,000	14,600	16,700	25,300	200,000	79,600	25,500	14,900	22,200	16,100	14,000
14	20,000	11,600	13,000	15,200	23,900	189,000	80,500	26,900	13,900	24,600	16,600	12,700
15	20,700	12,700	14,000	14,300	21,600	179,000	83,100	27,600	12,900	26,900	15,800	11,900
16	20,300	12,300	19,300	13,000	19,800	168,000	89,900	26,300	16,000	29,500	14,800	11,600
17	19,900	11,200	21,300	12,700	19,900	158,000	92,100	23,100	19,100	32,200	13,500	11,600
18	18,100	11,200	21,600	13,500	41,300	149,000	96,100	20,400	21,500	35,600	12,700	12,100
19	14,900	12,500	21,900	13,500	80,100	138,000	93,200	20,200	24,400	36,200	12,100	12,300
20	12,300	13,100	20,700	14,400	91,000	128,000	89,200	19,300	29,600	35,200	11,600	11,400
21	11,800	13,000	16,300	16,700	102,000	120,000	78,600	19,200	44,500	33,000	11,400	10,500
22	12,800	12,800	14,100	17,700	111,000	110,000	61,700	19,400	53,000	30,500	11,500	10,600
23	12,900	12,100	15,300	18,200	120,000	99,900	48,300	18,800	43,900	29,200	11,200	11,600
24	12,700	11,600	17,700	18,600	132,000	88,700	42,600	16,700	37,500	27,800	10,700	12,200
25	12,800	11,700	20,400	19,100	158,000	75,600	38,700	16,000	40,600	27,200	10,300	12,200
26	12,000	13,200	21,800	21,700	172,000	66,400	36,300	18,500	50,900	25,100	10,600	12,300
27	11,100	14,600	21,300	24,700	180,000	60,800	36,900	22,300	60,800	21,300	11,000	11,900
28	11,800	14,100	19,200	25,700	191,000	62,300	39,300	23,800	59,900	19,300	11,500	11,700
29	12,900	14,400	17,300	24,500	-----	73,000	40,700	24,000	58,100	18,600	11,900	10,900
30	13,900	14,800	16,600	23,900	-----	78,300	44,000	23,400	56,400	18,200	11,800	10,900
31	17,600	-----	16,400	23,200	-----	93,100	-----	20,600	-----	17,700	10,800	-----
TOTAL	495,400	375,500	511,900	581,500	1,745,300	1,118,100	2,589,200	884,700	826,600	880,600	417,600	486,000
MEAN	15,980	12,520	16,510	18,760	62,330	165,100	86,310	28,540	27,550	28,410	13,470	16,700
MAX	23,200	17,200	21,900	25,700	191,000	266,000	138,000	49,700	60,800	53,900	16,600	39,200
MIN	11,100	10,200	12,200	12,700	16,500	60,800	36,300	16,000	10,500	17,700	10,300	10,500

CAL YR 1960: TOTAL 10,030,170 MEAN 27,400 MAX 112,000 MIN 7,860 CFSM 1 25 IN 16 96
 MAY YR 1961: TOTAL 14,912,400 MEAN 40,860 MAX 266,000 MIN 10,200 CFSM 1 86 IN 25 21

M Expressed in thousands

2-4295 Alabama River at Claiborne, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	10,600	9,410	10,800	129,000	90,300	109,000	70,900	42,000	11,200	12,600	11,000	8,270
2	10,500	8,750	14,100	112,000	94,300	111,000	75,000	40,400	12,000	12,200	10,400	8,720
3	10,500	8,550	14,400	95,000	95,900	111,000	79,500	37,100	13,500	12,000	10,300	8,850
4	9,960	8,590	13,500	82,800	94,000	105,000	81,000	32,300	14,500	11,500	10,300	9,110
5	9,230	8,760	12,400	74,800	91,800	97,900	81,400	29,300	14,000	10,300	10,200	9,300
6	9,010	8,800	11,300	77,500	87,200	89,200	81,700	27,600	12,600	10,100	10,300	8,810
7	9,600	9,030	10,100	80,700	81,400	80,500	83,700	25,600	11,900	10,700	10,500	8,340
8	10,200	9,110	9,420	81,800	74,500	71,900	83,100	24,000	12,900	11,300	10,300	8,240
9	10,300	8,810	9,940	83,900	67,600	63,900	81,900	22,900	15,100	12,500	9,460	7,510
10	10,100	8,590	49,800	86,700	61,900	56,800	80,000	22,000	16,400	16,900	8,760	7,640
11	9,840	8,730	92,400	87,500	56,800	52,700	75,400	22,000	17,000	19,100	8,710	8,230
12	9,070	8,780	102,000	85,900	53,900	35,100	77,200	21,500	16,600	20,600	9,000	8,630
13	9,100	8,900	114,000	80,400	49,400	62,000	88,100	20,100	15,200	22,300	9,180	8,930
14	10,100	9,300	120,000	71,400	45,500	67,800	96,100	19,200	14,500	21,200	9,490	9,270
15	10,500	9,440	129,000	64,300	41,400	73,600	103,000	18,300	16,100	19,200	9,260	10,000
16	10,500	9,440	135,000	62,200	40,400	76,500	109,000	16,600	17,600	17,700	9,370	10,100
17	10,300	9,420	142,000	58,500	39,900	77,000	116,000	16,400	17,100	15,600	10,300	10,800
18	9,950	9,780	149,000	55,100	38,100	74,500	120,000	16,500	17,100	12,900	11,500	12,000
19	9,010	10,100	157,000	62,400	38,400	70,500	124,000	16,400	16,500	11,200	11,600	12,700
20	8,660	10,000	164,000	74,100	38,200	63,300	128,000	16,000	14,500	10,700	11,400	13,400
21	8,970	9,850	169,000	79,700	36,400	56,400	128,000	15,300	13,600	11,000	11,100	14,500
22	9,150	9,540	173,000	85,200	39,800	50,600	122,000	14,400	14,600	11,100	10,400	14,500
23	9,200	9,800	176,000	88,900	46,000	47,300	113,000	13,300	15,000	11,200	9,770	14,000
24	9,330	10,500	177,000	91,000	59,300	45,200	101,000	12,600	15,100	11,300	9,170	13,700
25	9,150	11,800	178,000	89,500	78,400	43,800	84,900	12,500	14,900	10,900	8,890	12,900
26	8,550	12,700	178,000	85,800	89,000	42,000	68,000	12,400	14,200	10,400	8,540	11,400
27	8,350	13,100	176,000	83,400	97,300	42,800	53,400	12,700	12,800	10,800	8,450	9,920
28	8,770	12,500	172,000	83,000	103,000	43,500	52,300	12,800	12,400	11,800	8,490	9,280
29	9,240	11,200	165,000	82,800	-----	44,100	50,900	12,600	12,300	12,200	8,590	9,970
30	9,580	10,300	156,000	82,700	-----	44,700	45,800	11,800	12,500	12,400	8,380	10,600
31	9,640	-----	144,000	86,300	-----	58,400	-----	11,200	-----	11,700	8,150	-----
TOTAL	296,960	293,520	3,324,200	2,544,300	1,830,300	2,088,000	2,654,300	628,000	433,700	415,400	301,240	309,620
MEAN	9,579	9,784	107,200	82,070	65,370	67,350	86,480	20,260	14,460	13,400	9,718	10,320
MAX	10,600	13,100	178,000	129,000	103,000	111,000	128,000	42,000	17,600	22,300	11,600	14,500
MIN	8,350	8,550	9,420	55,100	36,400	42,000	45,800	11,200	11,200	10,100	8,150	7,510

CAL YR 1961: TOTAL 17,444,240 MEAN 47,790 MAX 266,000 MIN 8,350 CFSM 1 31 IN 29 49

WAT YR 1962: TOTAL 15,119,520 MEAN 41,420 MAX 178,000 MIN 7,510 CFSM 1 13 IN 25,56

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	10,700	10,300	26,000	24,000	48,300	28,500	51,200	19,200	25,900	41,700	18,500	9,850
2	11,100	9,860	25,400	23,000	47,400	27,400	46,800	32,800	24,200	35,600	17,000	9,940
3	11,300	10,000	25,200	23,800	52,800	26,900	43,200	59,600	23,100	31,400	17,700	9,900
4	10,500	10,800	24,000	25,200	60,500	29,200	39,000	76,600	21,500	28,600	19,900	9,490
5	10,300	11,000	21,200	25,400	61,100	32,600	34,100	85,900	19,200	28,400	20,500	8,790
6	13,300	11,100	18,600	25,500	65,100	44,600	31,600	91,800	17,000	28,600	19,600	8,710
7	19,400	10,900	19,600	24,400	67,600	57,200	30,600	92,800	15,700	28,800	17,000	8,710
8	22,200	9,980	21,400	22,300	67,500	63,600	29,600	92,000	14,600	26,900	15,400	9,580
9	21,300	9,880	21,900	19,800	64,400	73,200	27,500	87,700	13,800	24,200	15,700	10,200
10	19,700	10,700	22,000	18,300	58,700	81,800	25,600	80,900	12,900	21,200	15,900	9,960
11	18,200	11,600	19,200	18,100	53,500	85,400	25,600	74,200	11,800	19,600	14,700	9,020
12	16,700	13,900	15,700	17,700	51,400	84,700	26,200	67,000	11,100	19,700	13,500	8,910
13	15,700	16,800	14,000	18,900	42,900	82,000	26,500	57,500	10,300	19,900	12,200	9,040
14	15,900	16,700	13,000	21,100	39,800	83,000	24,700	45,800	10,200	19,700	11,500	9,340
15	16,200	15,400	16,000	26,100	39,900	88,200	22,400	35,600	11,400	19,000	11,100	9,560
16	15,100	14,700	17,000	29,300	39,500	93,500	20,000	29,600	11,700	17,200	10,700	9,610
17	13,200	14,900	17,000	29,500	37,000	96,800	17,000	27,300	11,800	14,300	10,600	9,800
18	11,500	15,400	18,000	31,300	33,900	99,000	15,700	26,300	11,400	12,500	11,700	9,880
19	10,900	14,600	16,200	38,500	32,600	98,400	16,500	25,900	10,500	12,900	13,100	9,070
20	10,800	15,200	14,300	57,800	34,100	98,000	16,900	25,300	10,200	14,200	12,800	8,660
21	11,400	16,500	14,200	74,200	34,700	96,900	17,100	24,900	12,700	15,000	11,700	9,250
22	11,700	17,900	14,700	81,700	36,500	93,200	17,200	22,800	15,800	16,900	10,500	10,400
23	11,700	25,300	14,900	89,900	36,900	90,700	18,200	21,200	18,700	17,500	9,980	11,200
24	11,000	33,800	13,000	94,900	37,000	85,400	18,600	20,100	23,800	15,300	10,200	11,400
25	10,200	37,300	15,300	97,900	36,300	78,100	18,800	18,900	38,500	13,700	11,000	10,600
26	9,850	35,500	14,100	100,000	33,800	69,400	17,700	17,600	60,100	14,200	12,100	9,340
27	10,000	32,200	13,200	96,400	31,800	63,100	16,700	17,100	68,700	16,600	12,000	8,800
28	10,600	28,700	13,000	85,900	29,800	61,800	15,700	16,900	69,200	20,200	10,800	9,370
29	10,900	26,200	15,400	71,600	-----	63,100	15,700	17,400	59,500	22,300	9,890	10,300
30	11,200	26,100	20,800	58,100	-----	62,000	15,900	22,200	49,800	22,200	9,500	11,300
31	11,200	-----	23,600	51,500	-----	57,100	-----	25,500	-----	20,300	9,660	-----
TOTAL	413,750	533,220	560,100	1,422,800	1,274,200	2,194,800	742,300	1,358,700	715,100	658,600	416,430	289,980
MEAN	13,350	17,770	18,070	45,900	43,510	70,800	24,740	43,830	23,840	21,250	13,430	9,666
MAX	22,200	37,300	26,000	100,000	67,600	99,000	51,200	92,800	69,200	41,700	20,500	11,400
MIN	9,850	9,860	13,000	17,700	29,800	26,900	15,700	16,900	10,200	12,500	9,300	8,660

CAL YR 1962: TOTAL 12,711,950 MEAN 34,830 MAX 129,000 MIN 7,510 CFSM 1 58 IN 21,49

WAT YR 1963: TOTAL 10,579,980 MEAN 28,990 MAX 100,000 MIN 8,660 CFSM 1 32 IN 17,88

M Expressed in thousands

2-4295 Alabama River at Claiborne, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12,900	8,130	11,100	16,300	73,900	55,000	95,800	123,000	23,100	13,900	18,200	12,800
2	14,800	8,720	12,400	17,200	68,000	61,500	95,800	130,000	21,200	13,500	18,100	12,100
3	16,900	9,550	14,400	21,000	63,300	77,600	94,200	131,000	19,400	13,500	17,700	11,300
4	18,300	10,100	15,000	23,700	59,200	83,200	91,800	128,000	19,200	14,300	16,500	10,500
5	17,200	10,200	15,200	24,100	55,200	90,200	88,000	124,000	20,100	16,400	14,300	10,400
6	15,900	9,590	16,300	24,400	52,200	96,500	86,400	121,000	20,300	17,700	13,000	10,000
7	14,800	8,860	17,200	25,100	51,900	99,900	101,000	117,000	19,900	17,400	14,700	9,830
8	13,300	8,520	16,900	26,300	51,100	104,000	113,000	113,000	19,100	15,700	16,300	9,800
9	11,900	9,090	16,000	37,300	50,700	104,000	109,000	117,400	15,400	15,500	16,900	9,800
10	10,700	9,940	14,800	49,100	49,000	103,000	139,000	105,000	15,700	16,400	16,100	9,300
11	10,400	10,600	13,300	55,100	45,400	99,800	148,000	97,700	16,200	15,100	15,200	9,000
12	11,000	10,900	12,800	61,900	42,000	93,000	157,000	92,100	17,800	15,000	13,700	9,500
13	11,400	10,300	16,200	66,700	39,500	83,700	166,000	85,300	18,200	16,700	13,200	10,500
14	11,600	9,160	23,400	67,400	40,800	79,400	179,000	76,100	17,800	16,200	15,400	12,400
15	11,100	8,500	34,300	65,300	43,000	84,100	186,000	67,500	17,000	16,300	17,700	13,900
16	10,100	8,920	39,300	61,400	42,800	98,600	190,000	59,800	15,600	15,800	19,200	13,400
17	8,980	9,450	42,900	53,300	44,700	104,000	192,000	52,200	13,800	15,400	19,500	12,100
18	8,450	9,640	44,300	51,200	53,400	108,000	191,000	45,500	13,100	15,100	17,200	11,400
19	8,760	9,500	42,300	49,800	66,300	116,000	191,000	40,400	13,700	15,400	14,600	11,300
20	9,270	8,980	39,200	47,800	72,700	119,000	188,000	35,900	14,200	16,000	13,000	11,100
21	9,370	8,400	35,100	46,500	79,100	126,000	186,000	33,700	14,400	15,200	13,000	10,800
22	9,430	9,960	31,300	49,100	79,700	128,000	185,000	33,200	14,300	14,400	13,700	11,000
23	9,060	8,220	28,800	42,100	79,300	129,000	171,000	32,400	14,100	14,300	14,200	10,600
24	8,390	8,890	27,500	40,100	76,900	127,000	165,000	30,200	13,300	13,000	15,100	9,800
25	7,990	9,090	25,000	38,300	72,600	123,000	154,000	29,100	12,900	12,800	14,500	9,540
26	8,190	9,020	23,600	46,100	68,200	117,000	144,000	26,600	13,200	14,700	12,900	10,100
27	7,310	9,020	22,800	61,600	63,600	109,000	137,000	24,400	14,300	17,200	12,000	10,600
28	8,420	9,150	21,100	69,200	61,200	101,000	129,000	25,000	15,000	18,300	12,400	10,800
29	8,700	9,540	19,000	77,700	58,400	97,100	123,000	25,300	15,600	17,400	12,400	11,000
30	8,700	10,300	17,900	79,500	-----	95,600	122,000	24,700	14,900	16,900	11,800	11,200
31	8,220	-----	17,100	77,600	-----	95,300	-----	24,100	-----	18,000	12,400	-----
TOTAL	342,610	278,240	726,800	1,470,200	1,701,100	1,108,500	1,336,000	2,162,200	498,800	483,500	464,900	325,770
MEAN	11,050	9,275	23,450	47,430	58,660	100,300	144,500	69,750	16,490	15,600	15,000	10,860
MAX	18,300	10,900	44,300	79,500	79,700	129,000	192,000	131,000	23,100	18,300	19,500	13,900
MIN	7,990	7,960	11,100	16,300	39,500	55,000	86,400	24,100	12,900	12,800	11,800	9,000

CAL YR 1963: TOTAL 10,420,360 MEAN 28,350 MAX 100,000 MIN 7,960 CFSM 1.30 IN 17.62

WAT YR 1964: TOTAL 15,994,620 MEAN 43,430 MAX 192,000 MIN 7,960 CFSM 1.97 IN 26.87

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	11,300	13,500	28,800	47,600	45,900	46,400	82,000	24,100	13,400	11,800	19,500	11,200
2	13,600	15,000	24,300	42,600	40,800	53,000	84,600	23,300	12,600	12,700	18,800	10,700
3	15,500	15,400	21,500	38,100	35,900	60,700	84,400	23,000	11,500	14,100	16,900	10,300
4	16,000	15,500	22,000	34,700	33,100	62,800	85,000	22,300	11,300	14,000	15,100	10,000
5	19,600	13,900	26,300	32,700	32,600	63,000	84,200	19,600	12,000	13,700	13,600	9,970
6	35,400	13,500	29,100	31,800	32,500	67,400	82,200	19,200	11,800	13,000	13,700	9,990
7	39,000	14,000	29,900	30,200	38,900	67,000	75,600	18,500	11,200	12,300	14,300	10,400
8	36,300	14,900	31,100	29,000	50,600	67,000	72,500	17,400	10,700	11,800	13,400	10,400
9	34,000	15,400	28,300	28,300	58,000	63,300	72,400	16,300	10,500	11,900	12,700	10,600
10	31,400	15,200	27,700	28,600	61,900	60,600	73,700	14,700	10,800	14,200	12,200	10,200
11	28,700	14,400	29,300	29,300	62,100	56,900	75,900	14,300	13,100	16,700	12,100	10,500
12	26,000	12,600	33,000	28,900	68,100	56,000	75,000	12,700	16,400	17,500	11,900	11,900
13	23,600	12,100	34,500	26,700	78,100	62,400	70,800	11,900	19,500	17,600	12,000	12,100
14	21,500	12,300	35,100	26,100	84,500	68,200	59,500	12,100	23,400	16,900	13,600	12,200
15	19,300	12,800	35,500	26,500	90,100	68,400	52,600	12,800	24,300	15,900	14,000	12,000
16	18,700	13,600	34,600	27,500	94,800	69,600	46,900	12,600	23,700	15,500	13,800	11,400
17	20,500	14,000	33,100	33,900	104,000	70,200	45,300	12,300	23,800	15,300	12,400	10,800
18	24,000	14,000	33,000	28,200	110,000	73,200	45,000	12,100	24,900	15,100	12,000	10,900
19	27,000	13,100	33,200	28,000	111,000	75,300	43,600	11,000	25,800	14,900	11,300	11,500
20	27,600	12,700	33,000	25,400	112,000	76,200	40,000	10,300	26,900	15,000	10,600	12,100
21	26,000	13,400	32,500	24,500	111,000	77,000	37,200	10,700	27,800	14,600	10,100	12,300
22	23,500	14,400	32,700	24,900	109,000	72,800	34,000	12,500	27,700	12,700	10,700	11,900
23	23,000	15,200	28,900	52,900	100,000	66,900	30,700	12,800	29,700	11,900	11,000	11,100
24	22,100	15,500	28,600	89,400	91,100	58,900	28,800	13,200	18,700	11,700	10,900	10,800
25	19,600	16,000	37,300	94,800	76,400	53,200	28,000	13,300	14,900	11,800	11,000	10,900
26	17,600	19,600	45,000	100,000	63,900	50,000	26,500	12,800	12,700	12,200	11,200	11,100
27	16,900	22,700	49,400	95,400	59,200	50,200	25,400	12,500	12,700	12,700	11,700	11,900
28	15,400	28,400	58,600	99,500	47,400	55,000	24,800	12,100	12,000	15,200	11,100	11,800
29	13,600	32,100	60,900	86,400	-----	61,800	24,600	14,600	12,500	15,700	11,500	10,800
30	12,900	31,900	57,200	69,400	-----	69,900	24,500	13,400	12,400	16,800	12,100	14,600
31	12,800	-----	52,100	55,200	-----	77,100	-----	13,600	-----	18,600	11,700	-----
TOTAL	692,400	487,100	1,086,500	1,420,700	1,997,800	1,980,400	1,635,700	461,500	511,500	446,200	396,300	336,060
MEAN	22,340	16,240	35,050	45,830	71,350	63,880	54,520	14,890	17,050	14,390	12,780	11,200
MAX	39,000	32,100	60,900	100,000	112,000	77,100	85,000	24,100	27,800	18,800	19,500	14,600
MIN	11,300	12,100	21,500	24,500	32,500	46,400	24,500	10,300	10,500	11,700	10,100	9,970

CAL YR 1964: TOTAL 16,812,970 MEAN 45,940 MAX 192,000 MIN 9,000 CFSM 2.09 IN 28.42

WAT YR 1965: TOTAL 11,452,160 MEAN 31,380 MAX 112,000 MIN 9,970 CFSM 1.43 IN 19.36

M Expressed in thousands

2-4300 Mackeys Creek near Dennis, Miss
(formerly published as Mackys Creek near Dennis, Miss)

Location --Lat 34°15'55", long 88°26'42", in SE¹/₄ sec 27, T 9 S, R 8 E, Chickasaw meridian, on left bank at downstream side of bridge on U S Highway 78, 1,000 ft downstream from Twentymile-Fulton Canal, 2 miles west of Fulton, 6¹/₂ miles upstream from Mantachie Creek Canal, and 1¹/₂ miles downstream from Twentymile Creek Canal

Drainage area --605 sq mi

Records available --August 1928 to September 1965 Gage-height records collected at site 800 ft upstream 1909-12 are contained in reports of U S Weather Bureau

Gage --Digital water-stage recorder Datum of gage is 242 70 ft above mean sea level, datum of 1929 Prior to Oct 27, 1934, chain gage at bridge 200 ft upstream, Oct 27, 1934, to Aug 22, 1939, wire-weight gage at present site and Aug 23, 1939, to May 3, 1965, graphic water-stage recorder at present site, all at present datum

Average discharge --37 years, 907 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (8,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	1600	12,700	17 53	Jan 29, 1962	1000	11,600	17 37	Mar 16, 1964	0100	* 38,000	21 14
Mar 9, 1961	1200	* 29,700	19 68	Feb 24, 1962	2300	8,920	16 97	Mar 27, 1964	0700	9,280	17 03
Mar 30, 1961	0100	9,100	17 00	Feb 27, 1962	0800	13,400	17 63	Apr 7, 1964	0800	15,800	17 95
				Apr 12, 1962	2000	* 24,500	19 08	Apr 14, 1964	2000	10,900	17 27
Dec 13, 1961	1800	12,800	17 54	Mar 13, 1963	1000	* 21,600	18 70	Feb 13, 1965	1100	11,700	17 38
Dec 19, 1961	0400	23,000	18 87	May 28, 1963	1400	11,800	17 40	Mar 27, 1965	1300	* 16,500	18 07
Jan 7, 1962	0900	15,900	17 99					Mar 31, 1965	0600	8,140	16 84

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Aug 14, 1961	74	3 62	1964	Oct 18, 1963	47	3 65
1962	Aug 25, 1962	67	3 88	1965	Aug 6, 1965	47	3 66
1963	Sept 26, 1963	50	3 72				

a Occurred Oct 1, 1961

1928-65 Maximum discharge, 82,200 cfs Mar 22, 1955 (gage height, 25 75 ft), from rating curve extended above 31,000 cfs on basis of estimate of flow made by indirect methods and by logarithmic plotting, minimum, 12 cfs Aug 31 to Sept 2, 1943, minimum gage height, 0 87 ft Aug 12, 1930

Remarks --Records good

Revisions (water years) --WSP 1002 Drainage area WSP 1032 1944

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	40	200	79	460	58	174	393	70	32	27	19	37
2	35	150	74	215	76	132	222	85	25	27	19	34
3	32	120	68	148	148	123	176	68	23	26	18	38
4	30	100	66	125	95	118	152	60	22	24	16	79
5	178	90	61	116	77	114	138	60	22	22	16	49
6	315	85	60	99	76	150	134	61	36	22	16	40
7	169	80	58	95	189	380	127	72	162	22	17	38
8	218	80	70	85	290	3,860	120	66	97	22	17	42
9	150	150	64	74	150	1,030	188	150	46	21	17	34
10	120	340	56	74	127	313	193	99	28	20	16	30
11	90	250	109	72	114	218	134	74	24	18	15	29
12	80	200	103	70	105	181	456	66	29	18	15	34
13	70	150	70	70	97	250	368	60	55	18	14	33
14	65	110	64	76	91	183	183	52	133	18	13	76
15	90	100	63	112	85	138	145	56	87	17	311	50
16	110	132	64	87	81	127	132	63	55	17	169	37
17	80	160	63	74	81	127	114	50	45	18	64	33
18	70	107	56	70	189	451	105	47	38	18	44	32
19	100	97	55	95	287	263	99	46	29	17	36	32
20	350	83	64	112	323	195	93	45	46	24	35	32
21	200	77	116	79	856	511	91	45	132	127	55	30
22	130	74	76	64	448	296	89	45	74	72	37	29
23	100	179	61	68	243	181	89	55	49	37	41	32
24	80	129	58	66	167	152	89	56	40	94	109	28
25	70	97	60	55	307	136	87	44	32	66	95	26
26	60	83	61	63	197	129	93	42	32	45	58	25
27	60	79	60	89	143	129	91	42	32	35	47	25
28	55	77	56	58	229	460	77	38	30	28	42	25
29	50	136	159	56	-----	461	68	37	29	25	36	24
30	100	127	305	56	-----	312	66	29	23	23	34	24
31	300	-----	254	55	-----	522	-----	34	-----	21	33	-----
TOTAL	3,597	3,842	2,643	3,038	5,329	11,816	4,512	1,824	1,513	989	1,674	1,077
MEAN	116	128	85.3	98.0	150	381	150	58.8	50.4	31.9	47.5	35.9
MAX	350	340	305	460	856	3,860	456	150	162	127	311	79
MIN	30	74	55	55	58	114	66	34	22	17	13	24
CFSM	1.76	1.94	1.29	1.48	2.88	5.79	2.28	.89	.76	.48	.72	.54
IN.	2.03	2.16	1.49	1.71	3.00	6.66	2.54	1.03	.85	.56	.83	.61

CAL YR 1960: TOTAL 32,058 MEAN 87.6 MAX 970 MIN 11 CFSM 1.33 IN 18.06
MAY YR 1961: TOTAL 41,654 MEAN 114 MAX 3,860 MIN 13 CFSM 1.73 IN 23.47

Note --No gage-height record Oct 9 to Nov 15

2-4300 Mackeys Creek near Dennis, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	52	31	68	314	184	475	135	125	80	53	46	26
2	62	31	66	170	162	298	121	121	71	49	38	34
3	62	104	64	133	149	228	110	97	73	51	41	28
4	45	136	66	118	142	194	107	91	107	71	35	25
5	37	78	105	578	142	166	107	87	73	51	33	26
6	34	69	95	1,470	135	149	243	85	63	73	38	27
7	32	51	78	518	123	142	234	83	54	59	30	25
8	31	44	68	278	127	144	154	81	54	47	55	24
9	31	41	257	196	132	318	182	80	68	43	44	25
10	30	40	782	164	118	266	199	80	57	38	33	34
11	29	41	522	154	112	382	1,160	76	53	38	30	34
12	29	45	951	144	105	238	1,770	70	60	38	29	29
13	28	169	437	127	103	169	617	63	75	39	29	25
14	26	240	210	140	149	317	58	56	38	28	31	31
15	25	125	168	435	103	139	252	57	47	35	27	39
16	26	220	250	288	229	132	197	54	45	36	26	44
17	28	110	1,190	172	127	125	182	55	44	35	25	51
18	28	78	1,690	154	206	123	169	47	43	32	25	37
19	28	69	948	167	395	123	147	43	47	29	24	30
20	28	62	269	139	176	125	139	41	69	28	24	28
21	29	56	186	127	199	227	130	40	50	28	24	27
22	30	75	156	135	341	132	125	39	44	37	23	26
23	31	478	149	474	461	123	121	38	44	36	24	25
24	31	287	125	316	413	121	118	38	40	36	26	26
25	30	118	114	447	685	201	112	37	298	69	28	26
26	29	95	108	537	1,090	275	107	36	130	65	32	30
27	27	67	170	763	604	149	34	81	101	40	44	44
28	30	78	151	962	735	135	107	36	68	39	28	38
29	36	73	110	441	-----	127	130	37	62	46	26	34
30	31	68	100	289	-----	125	110	278	57	167	24	31
31	30	-----	147	217	-----	159	-----	212	-----	54	25	-----
TOTAL	1,027	3,199	9,400	10,567	7,999	5,859	7,663	2,317	2,113	1,500	952	929
MEAN	33.2	107	303	341	271	189	255	74.7	70.4	48.4	30.7	31.0
MAX	62	478	1,690	1,470	1,090	475	1,770	278	298	167	55	51
MIN	25	31	64	118	101	121	101	34	40	28	73	24
CFSM	.50	1.62	4.59	5.16	4.11	2.86	3.87	1.13	1.07	.73	.47	.47
IN.	.58	1.80	5.30	5.95	4.28	3.30	4.32	1.31	1.19	.85	.44	.52

CAL YR 1961: TOTAL 45,198

MEAN 124

MAX 3,860

MIN 13

CFSM 1.88

IN 25.47

WAT YR 1962: TOTAL 53,125

MEAN 146

MAX 1,770

MIN 23

CFSM 2.21

IN 29.94

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	31	31	38	65	83	90	59	104	76	80	44	41
2	44	32	38	61	98	114	56	80	60	60	38	36
3	41	33	37	54	76	94	56	65	62	65	32	33
4	35	35	37	51	107	67	53	56	45	46	29	31
5	31	36	37	49	87	233	46	51	44	38	25	30
6	30	36	37	49	76	354	119	156	41	33	24	29
7	30	35	37	49	72	135	150	173	39	31	23	27
8	31	34	36	46	68	96	89	68	39	81	57	26
9	35	36	36	45	65	87	76	51	39	50	41	25
10	36	36	36	45	63	89	63	45	39	41	31	25
11	34	37	35	65	186	217	59	42	37	35	25	24
12	33	58	31	104	198	1,430	54	38	38	31	29	23
13	33	69	29	70	98	536	49	35	40	29	64	23
14	33	50	29	56	83	234	45	33	41	59	45	22
15	33	44	30	54	70	173	44	111	42	51	36	22
16	30	41	39	57	65	195	44	49	49	45	30	22
17	30	41	54	54	63	173	41	38	89	41	26	22
18	29	78	48	51	63	131	39	32	62	38	23	22
19	29	80	46	49	147	116	39	29	56	35	22	21
20	29	53	44	54	131	121	70	28	53	34	22	20
21	31	53	71	41	89	93	51	26	65	76	21	20
22	49	53	128	35	68	81	46	26	118	49	20	20
23	39	48	70	35	65	78	40	26	74	41	20	20
24	32	41	59	27	72	74	38	26	45	273	20	20
25	30	39	96	23	67	81	57	60	45	111	23	19
26	30	39	100	27	62	153	78	1,080	40	59	53	19
27	29	39	83	50	54	104	59	1,630	39	57	41	20
28	29	39	68	41	51	81	192	682	144	49	38	20
29	30	39	100	41	-----	74	334	331	389	45	48	20
30	30	39	96	91	-----	67	248	150	100	53	56	20
31	31	-----	72	100	-----	62	-----	100	-----	51	46	-----
TOTAL	1,017	1,324	1,697	1,639	2,525	5,616	2,392	5,357	2,041	1,787	1,052	722
MEAN	32.8	44.1	54.7	52.9	90.2	181	79.7	173	68.0	57.6	33.9	24.1
MAX	49	80	128	104	214	1,430	334	1,630	389	273	64	41
MIN	29	31	23	31	51	62	38	26	37	29	20	19
CFSM	.50	.67	.83	.80	1.37	2.74	1.21	2.62	1.03	.87	.51	.36
IN.	.57	.75	.96	.92	1.42	3.16	1.35	3.02	1.15	1.01	.59	.41

CAL YR 1962: TOTAL 43,537

MEAN 119

MAX 1,770

MIN 23

CFSM 1.81

IN 24.53

WAT YR 1963: TOTAL 27,169

MEAN 74.4

MAX 1,630

MIN 19

CFSM 1.13

IN 15.31

2-4300 Mackeys Creek near Dennis, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	20	30	42	50	74	107	96	99	84	28	32	27
2	20	25	39	55	60	252	90	197	56	46	34	26
3	20	18	36	65	57	420	88	262	45	51	28	25
4	20	20	34	100	56	213	405	132	40	48	26	24
5	20	42	32	200	72	403	347	109	38	47	25	23
6	20	72	32	250	122	168	907	96	36	46	86	23
7	19	49	31	170	84	124	387	88	35	48	35	22
8	17	39	31	93	70	109	189	84	34	40	29	19
9	16	32	31	443	60	122	132	84	33	30	33	19
10	15	30	31	203	59	236	113	103	32	29	31	17
11	15	29	311	109	56	115	107	107	31	28	46	17
12	15	27	476	191	54	96	132	96	30	96	38	16
13	15	27	135	128	99	88	671	107	29	64	28	15
14	16	27	86	88	118	1,130	593	84	28	50	25	15
15	16	27	62	75	296	3,910	216	74	27	46	52	19
16	16	27	54	74	413	706	159	67	28	45	109	17
17	16	27	51	68	146	285	132	59	30	55	67	17
18	16	27	50	72	171	178	124	54	28	60	38	24
19	16	28	51	70	128	146	109	48	27	50	32	24
20	16	28	49	86	105	150	103	45	26	44	29	20
21	17	27	48	72	88	155	94	44	25	35	26	17
22	17	29	45	65	75	120	146	43	35	32	26	17
23	18	96	41	60	70	105	178	46	45	91	25	17
24	17	60	50	180	68	94	293	51	40	56	26	16
25	17	44	70	274	72	387	155	45	36	59	55	16
26	17	36	75	113	74	720	173	42	32	50	112	16
27	17	34	65	94	67	290	348	40	28	72	45	17
28	17	32	60	81	152	168	173	38	27	50	35	100
29	16	56	55	72	113	137	126	37	26	40	50	85
30	16	49	68	68	-----	113	107	36	26	35	35	45
31	16	-----	48	72	-----	103	-----	38	-----	30	30	-----
TOTAL	529	1,094	2,271	3,741	3,079	11,350	6,893	2,455	1,037	1,501	1,288	755
MEAN	17.1	36.5	73.3	121	106	366	230	79.2	34.6	48.4	41.5	25.2
MAX	20	96	476	443	413	3,910	907	262	84	96	112	100
MIN	15	18	31	50	54	88	88	36	25	28	25	15
CFSM	.26	.55	1.11	1.83	1.61	5.55	3.48	1.20	.52	.73	.63	.38
IN.	.30	.62	1.28	2.11	1.73	6.40	3.88	1.38	.58	.85	.73	.43

CAL YR 1963: TOTAL 27,025 MEAN 74.0 MAX 3,930 MIN 15 CFSM 1.12 IN 15.23
 MAY YR 1964: TOTAL 25,993 MEAN 98.0 MAX 3,910 MIN 15 CFSM 1.46 IN 20.28

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	35	32	61	71	67	163	195	52	39	27	22	23
2	35	30	55	89	83	311	154	49	36	26	22	22
3	34	33	78	164	62	167	204	46	36	25	21	22
4	33	33	87	96	60	140	294	44	35	27	20	23
5	34	33	64	79	60	131	468	41	34	42	20	24
6	27	34	50	78	61	129	464	39	37	66	20	24
7	25	34	48	72	81	116	213	37	60	37	25	23
8	25	39	46	66	93	108	165	36	49	32	76	22
9	25	37	46	87	202	98	142	35	40	29	42	20
10	25	36	46	330	347	90	127	35	37	29	34	19
11	24	35	229	161	480	83	120	35	63	27	25	42
12	24	36	308	116	705	118	116	36	108	25	23	100
13	25	36	129	100	322	118	100	34	54	24	23	36
14	25	36	94	87	163	90	92	32	74	23	23	28
15	27	36	78	83	129	85	96	30	76	24	21	25
16	37	35	66	83	114	79	94	215	56	32	20	24
17	30	36	90	71	100	104	81	443	48	25	19	23
18	26	66	157	67	89	124	76	128	44	23	22	22
19	25	142	94	69	79	90	90	81	39	21	22	20
20	25	116	116	64	76	81	85	90	34	21	36	20
21	25	60	96	64	71	74	69	102	32	21	26	19
22	26	46	81	64	71	72	64	67	30	21	22	20
23	42	79	67	79	67	74	61	118	33	21	26	28
24	26	50	79	90	181	200	55	71	44	21	45	29
25	26	144	194	78	440	511	52	58	35	27	36	24
26	27	81	124	66	156	1,010	58	49	32	32	27	22
27	26	61	100	61	122	690	106	64	29	61	25	24
28	48	210	87	56	108	247	71	66	29	36	42	21
29	67	133	79	55	-----	346	61	55	28	28	36	21
30	37	81	79	56	-----	695	55	46	28	25	26	23
31	32	-----	78	50	-----	291	-----	41	-----	24	23	-----
TOTAL	933	1,823	3,018	2,760	4,589	6,635	4,028	2,275	1,319	902	870	790
MEAN	30.1	60.8	97.4	89.0	164	214	134	73.4	44.0	29.1	28.1	26.3
MAX	67	210	308	330	705	1,010	468	443	108	66	76	100
MIN	24	30	46	50	60	72	52	30	28	21	19	19
CFSM	.46	.92	1.48	1.35	2.48	3.24	2.03	1.11	.67	.44	.43	.40
IN.	.53	1.03	1.70	1.56	2.59	3.74	2.27	1.28	.74	.51	.49	.45

CAL YR 1964: TOTAL 37,873 MEAN 103 MAX 3,910 MIN 15 CFSM 1.27 IN 21.34
 MAY YR 1965: TOTAL 29,942 MEAN 82.0 MAX 3,910 MIN 15 CFSM 1.46 IN 18.34

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	422	1,360	700	4,540	424	1,880	7,240	505	198	151	119	170
2	253	1,380	652	6,100	450	2,640	5,320	522	182	142	139	182
3	177	1,310	597	5,460	675	2,180	3,270	492	174	134	165	180
4	136	1,090	508	3,210	745	1,660	2,090	453	168	130	122	299
5	152	718	448	1,940	674	1,440	1,670	423	159	126	96	328
6	573	475	410	1,520	679	1,350	1,480	434	156	123	118	440
7	734	362	404	1,210	827	1,570	1,300	480	219	119	128	430
8	945	304	434	960	1,250	3,780	1,140	466	588	125	102	374
9	1,140	355	398	774	1,580	25,100	1,140	684	813	156	93	280
10	1,180	902	372	658	2,570	12,200	1,300	738	903	132	90	206
11	976	1,020	564	592	1,930	5,080	1,470	730	805	118	89	168
12	672	917	849	552	1,510	2,850	1,780	712	518	122	83	148
13	423	850	781	528	1,180	2,050	3,090	588	370	138	78	137
14	724	724	530	682	892	1,920	5,040	348	404	150	179	178
15	261	580	630	686	715	2,390	3,040	690	422	141	792	221
16	236	568	588	698	626	2,060	1,960	815	418	140	1,100	202
17	220	550	508	616	583	1,630	1,620	690	418	148	820	170
18	193	906	456	592	708	1,730	1,440	568	375	165	776	151
19	202	756	618	687	1,200	2,720	1,220	130	304	154	694	137
20	482	670	456	920	2,560	4,720	1,040	361	324	145	438	127
21	456	561	715	867	6,000	3,500	878	312	525	158	252	123
22	442	508	696	758	11,500	4,480	774	290	537	186	206	118
23	778	602	686	686	8,500	4,600	678	232	532	173	165	116
24	391	839	614	618	4,990	2,670	667	372	492	217	326	110
25	284	715	578	531	3,100	1,840	626	367	366	281	460	107
26	225	668	513	496	2,210	1,540	643	372	279	293	362	101
27	197	622	477	462	2,340	1,340	638	236	257	219	321	101
28	183	544	442	484	1,920	1,510	607	333	202	211	267	95
29	168	625	694	441	-----	4,040	561	276	179	183	209	93
30	411	810	1,220	444	-----	7,400	516	241	165	152	171	90
31	1,230	-----	1,660	428	-----	5,750	-----	217	-----	128	148	-----
TOTAL	14,105	22,770	19,053	39,018	62,116	119,410	54,270	14,700	11,370	5,016	9,014	5,579
MEAN	455	759	615	1,259	2,218	3,852	1,809	474	379	162	291	186
MAX	1,230	1,380	1,660	6,100	11,500	25,100	7,240	815	903	293	1,100	440
MIN	136	304	372	428	424	1,340	516	217</				

2-4310 Tombigbee River near Fulton, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	169	107	570	1,260	2,420	9,220	1,350	769	1,240	282	322	76
2	349	107	440	1,460	1,880	6,050	1,290	854	1,380	232	328	98
3	402	219	412	3,330	1,570	3,900	1,230	834	1,170	201	279	119
4	381	428	389	2,490	1,350	2,520	1,110	742	804	181	247	90
5	351	464	469	2,360	1,250	1,960	946	655	698	180	224	79
6	263	528	631	5,790	1,170	1,670	1,090	583	677	238	330	81
7	199	506	593	14,500	1,090	1,420	1,270	526	510	347	291	76
8	161	444	565	8,810	1,020	1,290	2,010	476	486	288	197	74
9	140	361	718	4,740	998	1,380	2,350	435	530	215	185	72
10	129	282	1,440	2,530	960	1,870	1,880	401	518	180	175	81
11	120	239	5,700	1,780	905	3,640	6,290	377	477	158	132	94
12	116	225	11,500	1,460	850	3,900	19,100	352	423	164	113	99
13	112	665	12,100	1,270	797	3,400	17,400	328	662	322	103	88
14	108	1,300	9,480	1,210	749	2,250	7,350	302	651	338	98	119
15	103	1,380	5,320	1,410	719	1,770	3,980	281	447	309	93	155
16	101	1,560	3,580	2,210	904	1,400	2,520	260	344	230	87	166
17	99	1,780	4,560	5,080	1,180	1,260	1,870	245	274	172	82	299
18	100	1,850	14,900	3,270	1,360	1,160	1,550	234	229	150	80	231
19	101	1,580	20,400	2,130	1,680	1,040	1,330	217	288	126	80	145
20	101	1,280	10,900	1,740	960	952	1,230	204	922	113	76	109
21	101	903	5,500	1,470	3,070	1,070	1,140	193	615	105	73	95
22	101	639	3,210	1,330	2,540	1,130	1,010	182	377	130	70	85
23	102	1,350	2,050	1,500	5,650	1,160	906	173	278	131	68	80
24	105	1,740	1,580	2,780	7,910	1,140	850	165	217	112	98	78
25	110	3,530	1,320	6,000	7,240	1,170	801	158	722	162	170	77
26	104	3,940	1,180	5,130	5,800	1,290	763	154	1,110	267	142	93
27	104	2,230	1,120	7,780	12,300	1,560	728	151	947	258	129	116
28	99	1,470	1,140	10,000	10,600	1,790	730	140	702	195	107	146
29	99	1,130	1,130	11,100	-----	1,440	801	133	500	192	92	120
30	102	778	1,070	6,960	-----	1,230	784	534	364	212	82	99
31	109	-----	1,040	4,030	-----	1,360	-----	1,100	-----	244	76	-----
TOTAL	4,741	33,015	125,027	127,130	80,462	66,392	85,659	12,158	18,562	6,435	4,629	3,340
MEAN	153	1,101	4,033	4,101	2,674	2,142	2,855	392	618	208	149	111
MAX	402	3,940	20,400	14,500	12,300	9,220	19,100	1,100	1,380	347	330	299
MIN	99	107	389	1,210	719	952	728	133	217	105	68	72
CFSM	.25	1.82	6.67	6.78	4.75	3.54	4.72	.65	1.02	.34	.25	.18
IN.	.29	2.03	7.69	7.81	4.95	4.08	5.27	.75	1.14	.40	.28	.21
CAL YR 1961: TOTAL	483,276			MEAN 1,324	MAX 25,100	MIN 74		CFSM 2.19	IN 29.71			
WAT YR 1962: TOTAL	367,550			MEAN 1,553	MAX 20,400	MIN 68		CFSM 2.57	IN 34.89			

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	92	92	155	412	556	468	433	5,560	1,520	825	1,100	157
2	102	94	150	367	574	405	405	3,127	1,500	932	1,150	116
3	126	92	153	319	734	451	384	1,760	711	748	748	102
4	128	98	150	286	760	632	367	1,170	461	467	379	112
5	103	96	156	253	740	865	350	792	366	332	259	131
6	92	97	171	238	688	1,300	410	598	315	286	203	138
7	88	96	182	233	574	1,930	687	427	250	172	122	122
8	97	96	175	225	471	3,030	807	638	238	235	162	104
9	110	99	166	218	406	1,910	774	595	209	262	229	97
10	113	101	152	208	365	1,340	674	472	186	228	213	91
11	103	104	146	231	478	1,250	535	378	170	170	158	84
12	97	151	137	448	788	5,320	450	493	149	141	148	78
13	90	200	118	517	920	18,500	392	699	135	129	147	72
14	84	217	117	595	847	9,090	350	554	123	232	198	72
15	85	162	136	554	726	4,360	317	417	116	378	209	81
16	88	146	147	401	552	4,150	294	376	1,840	316	147	96
17	93	133	177	324	448	1,660	281	312	580	364	123	88
18	83	236	191	300	404	1,420	267	273	458	837	109	74
19	79	301	179	304	621	1,250	253	234	355	1,110	101	74
20	80	304	169	342	773	1,110	259	194	431	1,020	103	79
21	84	268	217	343	786	978	292	171	411	1,010	115	71
22	96	281	386	315	726	804	276	158	520	1,050	175	71
23	115	258	428	334	615	668	242	155	676	920	125	66
24	108	221	387	307	524	577	215	143	1,300	998	107	61
25	95	191	464	271	480	527	242	201	1,320	978	96	53
26	90	174	477	256	426	559	379	982	1,210	880	102	50
27	89	168	450	321	394	592	386	1,550	938	780	149	56
28	89	165	414	323	367	584	529	9,960	617	730	129	60
29	91	160	470	306	-----	573	1,110	8,020	586	638	131	76
30	91	160	496	422	-----	514	2,040	4,630	589	623	236	78
31	90	-----	446	580	-----	466	-----	2,440	-----	860	224	-----
TOTAL	2,971	4,961	7,762	10,553	16,745	67,720	14,400	47,842	17,896	18,729	7,647	2,610
MEAN	95.8	165	250	340	598	2,185	480	1,543	597	604	247	87.0
MAX	128	304	496	595	920	18,500	2,040	9,960	1,840	1,110	1,150	157
MIN	79	92	117	208	365	466	215	143	116	129	96	50
CFSM	.16	.27	.41	.56	.99	3.61	.79	2.55	.99	1.00	.41	.14
IN.	.18	.30	.48	.65	1.03	4.16	.89	2.94	1.10	1.15	.47	.16
CAL YR 1962: TOTAL	420,461			MEAN 1,152	MAX 19,100	MIN 68		CFSM 1.30	IN 23.85			
WAT YR 1963: TOTAL	219,836			MEAN 602	MAX 18,500	MIN 50		CFSM 1.00	IN 13.81			

2-4310 Tombigbee River near Fulton, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	72	62	237	352	640	1,080	1,180	1,440	296	92	110	90
2	69	70	213	348	579	1,200	1,020	1,620	338	110	114	79
3	68	93	191	404	540	1,530	890	2,020	299	180	99	73
4	60	104	171	515	504	5,300	995	2,090	260	231	84	68
5	60	110	162	530	501	4,720	1,500	1,890	227	154	73	64
6	58	133	175	604	741	6,840	6,080	1,460	198	133	93	63
7	64	198	144	842	994	5,170	13,300	1,160	178	139	137	62
8	54	165	151	968	1,070	2,780	6,570	867	166	215	121	59
9	51	118	168	1,290	933	1,730	3,450	682	152	172	107	55
10	49	108	187	2,170	750	1,500	1,940	677	143	129	146	53
11	48	101	584	4,850	594	1,500	1,480	666	133	148	113	51
12	50	89	1,070	3,130	516	1,660	1,370	662	128	587	107	49
13	53	81	1,210	1,960	550	1,450	1,700	651	129	676	129	51
14	64	78	1,810	1,590	793	1,510	1,260	596	125	508	110	50
15	54	80	2,010	1,320	1,200	17,000	7,360	517	117	358	104	49
16	48	84	1,410	1,130	1,810	28,600	3,910	466	115	334	346	49
17	48	87	970	894	6,100	10,000	2,100	418	112	284	536	49
18	103	590	708	6,810	4,540	1,530	1,540	260	109	164	435	58
19	48	107	420	599	2,740	2,510	1,260	348	101	198	336	58
20	53	98	351	601	1,920	1,720	1,100	303	98	149	242	65
21	61	101	314	697	1,560	1,450	944	283	95	118	170	69
22	56	122	292	732	1,260	1,290	822	249	96	114	126	64
23	51	240	285	645	1,050	1,180	957	86	156	113	58	58
24	50	314	257	755	853	1,090	1,670	248	95	188	101	54
25	51	286	291	1,240	732	1,220	4,410	245	133	203	91	54
26	57	206	314	1,420	686	2,800	3,640	225	125	186	101	54
27	77	171	377	1,910	654	8,380	3,030	201	91	203	190	56
28	63	158	1,460	821	4,760	4,280	176	93	188	173	160	160
29	59	193	423	1,250	1,010	2,670	3,640	166	90	139	128	312
30	56	222	412	965	-----	1,730	2,010	162	89	110	112	347
31	51	-----	387	739	-----	1,390	-----	169	-----	110	108	-----
TOTAL	1,750	4,082	16,008	36,818	36,931	130,303	90,958	21,280	4,417	6,772	4,955	2,673
MEAN	56.5	136	516	1,188	1,273	4,203	3,032	686	147	218	160	80.8
MAX	77	314	2,010	4,850	6,100	28,600	13,300	2,090	338	676	536	347
MIN	47	62	144	348	501	1,080	822	162	86	92	73	49
CFSM	-.09	-.22	-.85	1.96	2.10	6.95	5.01	1.13	-.24	-.36	-.26	-.13
IN.	-.11	-.25	-.98	2.26	2.27	8.01	5.59	1.31	-.27	-.42	-.30	-.15

CAL YR 1963: TOTAL 225,982 MEAN 619 MAX 18,500 MIN 47 CFM 1.02 IN 13.89
 WAT YR 1964: TOTAL 356,694 MEAN 975 MAX 28,600 MIN 47 CFM 1.61 IN 21.93

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	281	193	1,040	603	443	1,860	4,340	436	220	95	70	208
2	204	159	814	572	546	1,790	2,600	381	187	98	62	139
3	156	144	568	829	556	3,700	1,970	339	158	101	56	114
4	216	687	1,080	1,130	554	3,740	1,800	306	145	174	53	95
5	183	131	1,080	1,290	526	2,260	2,280	280	129	161	50	87
6	156	125	1,170	1,170	495	1,820	2,440	259	134	258	49	85
7	122	123	872	906	526	1,560	2,520	240	204	237	119	84
8	103	142	518	698	582	1,330	2,400	223	347	182	388	80
9	95	150	400	593	988	1,150	1,880	203	339	155	282	75
10	90	159	355	856	1,520	984	1,510	203	230	140	269	68
11	86	146	684	1,330	5,430	849	1,250	192	264	116	208	205
12	87	139	1,180	3,100	9,040	863	1,090	190	384	103	144	530
13	87	141	1,530	2,680	11,000	942	930	201	389	89	113	468
14	87	157	2,190	1,810	6,750	979	798	178	327	81	88	332
15	91	164	1,980	1,320	3,780	963	708	156	345	76	72	237
16	95	153	1,440	987	2,240	903	658	259	394	80	65	167
17	103	146	1,050	764	1,720	990	620	531	401	81	60	123
18	110	163	920	636	1,350	1,140	600	819	362	83	66	102
19	104	394	974	574	1,130	1,270	583	1,140	296	81	61	90
20	102	616	970	537	947	1,270	574	1,330	238	70	88	96
21	91	600	895	511	804	1,050	534	1,140	183	64	99	86
22	90	516	853	489	699	810	501	793	148	61	73	82
23	87	414	775	594	632	664	464	593	126	60	71	81
24	90	350	702	700	732	685	426	522	143	66	108	118
25	95	507	841	772	1,280	1,120	398	443	175	99	200	122
26	92	547	1,100	751	2,980	6,410	415	362	151	133	180	104
27	93	498	1,440	664	4,060	14,500	620	327	123	193	117	87
28	202	823	1,570	562	2,380	9,100	565	316	110	196	375	80
29	336	1,040	1,270	502	-----	4,800	532	302	100	142	572	83
30	354	1,110	926	463	-----	5,020	501	278	95	109	579	82
31	265	-----	707	434	-----	7,300	-----	249	-----	82	352	-----
TOTAL	4,353	10,088	31,501	28,827	63,690	81,862	36,507	13,191	6,847	3,666	5,089	4,310
MEAN	140	336	1,016	930	2,275	2,641	1,217	426	228	118	164	144
MAX	354	1,110	2,190	3,100	11,000	14,500	4,340	1,330	401	258	579	530
MIN	86	123	355	434	543	664	398	156	83	60	49	68
CFSM	-.23	-.56	1.68	1.54	3.76	4.36	2.01	-.70	-.38	-.20	-.27	-.24
IN.	-.27	-.62	1.94	1.77	3.92	5.03	2.24	-.81	-.42	-.23	-.31	-.26

CAL YR 1964: TOTAL 380,796 MEAN 1,040 MAX 28,600 MIN 49 CFM 1.72 IN 23.41
 WAT YR 1965: TOTAL 289,931 MEAN 794 MAX 14,500 MIN 49 CFM 1.31 IN 17.82

MOBILE RIVER BASIN

2-4325 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, near left bank on downstream side of bridge on U S Highway 78, 0.7 mile northwest of Tremont, 1 mile upstream from Johns Creek, 1½ miles upstream from Cypress Creek, 1¼ miles (revised) upstream from Chubby Creek, and 8 miles southeast of Fulton

Drainage area --120 sq mi, approximately

Records available --October 1943 to September 1964 (discontinued)

Gage --Water-stage recorder Datum of gage is 317.39 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) Prior to July 22, 1949, staff gage at present site and datum

Average discharge --21 years, 212 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (4,000 cfs), water years 1961-64											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	2200	* 2,430	7 67	Apr 11, 1962	1700	-	10 59	May 27, 1963	0300	* 14,000	9 70
Dec 12, 1961	1600	5,080	8 47	Mar 12, 1963	1400	10,000	9 25	Mar 15, 1964	1200	* 5,950	8 65
Dec 18, 1961	1600	12,900	9 59								

Annual minimum discharge, water years 1961-64											
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Aug 14, 1961	17	2 00	1963	Sept 26, 1963	15	2 01	1962	Aug 30, 1962	20	2 11
				1964	Sept 14, 1964	14	2 02				

a Occurred Oct 1, 1961

1943-64 Maximum discharge not determined, occurred Mar 21, 1955 (gage height, 11.28 ft), minimum, 4.6 cfs Sept 13, 1954 (gage height, 1.78 ft)

Remarks --Records fair

Cooperation --Gage-height record and 34 discharge measurements furnished by Corps of Engineers

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	49	332	136	760	118	386	1,230	158	72	56	28	46
2	44	212	124	770	123	327	746	199	68	56	28	47
3	40	156	120	416	237	295	504	150	65	55	27	46
4	39	130	118	310	188	269	428	131	64	54	25	60
5	46	121	113	262	162	252	375	121	66	53	25	66
6	120	113	111	232	153	241	334	163	63	52	23	92
7	143	107	112	210	262	326	295	273	77	56	23	68
8	188	100	111	192	447	960	264	172	83	63	24	68
9	225	141	104	172	357	814	344	187	72	56	29	56
10	128	449	101	158	292	468	405	171	94	52	35	46
11	91	370	138	151	248	372	318	144	119	51	26	40
12	80	246	155	142	219	325	455	135	106	52	23	37
13	71	200	120	138	199	435	494	125	78	72	21	37
14	65	174	109	145	183	532	403	116	68	81	19	37
15	100	154	111	178	169	436	351	224	93	61	67	39
16	129	184	120	158	157	385	312	187	86	56	167	37
17	81	217	109	135	151	355	269	131	71	63	72	34
18	70	168	102	129	230	640	243	114	71	58	55	32
19	104	151	99	196	294	865	222	105	67	53	43	31
20	391	138	134	260	450	550	208	97	99	48	38	31
21	225	131	344	202	1,820	1,070	193	94	355	44	35	32
22	152	123	248	171	2,120	1,060	182	91	183	40	35	30
23	118	299	198	164	1,230	570	173	98	121	36	34	29
24	99	273	176	156	685	425	170	127	101	40	243	28
25	88	223	163	140	522	366	165	96	88	40	150	27
26	79	190	153	143	478	321	170	163	80	40	76	25
27	79	171	144	153	405	301	161	125	79	38	60	24
28	75	156	131	133	402	530	150	99	70	35	52	24
29	72	174	200	124	-----	962	140	90	62	32	47	24
30	92	163	362	120	-----	720	128	83	58	32	42	24
31	368	-----	391	116	-----	1,130	-----	77	-----	29	39	-----
TOTAL	3,651	5,766	4,857	6,736	12,301	16,688	9,832	4,246	2,779	1,554	1,611	1,217
MEAN	118	192	157	217	439	538	328	137	92.6	50.1	52.0	40.6
MAX	391	449	391	770	2,120	1,130	1,230	273	355	81	243	92
MIN	39	100	99	116	118	241	128	77	58	29	19	24
CFSM	.98	1.60	1.31	1.81	3.66	4.49	2.73	1.14	.77	.42	.43	.34
IN.	1.13	1.79	1.51	2.09	3.81	5.17	3.05	1.32	.86	.48	.50	.38

CAL YR 1960: TOTAL 93,973

MEAN 174

MAX 2,120

MIN 18

CFSM 1.63

IN 12.08

MOBILE RIVER BASIN

451

2-4325 Bull Mountain Creek at Tremont, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	50	36	145	350	457	1,300	428	227	108	43	104	26
2	81	38	136	400	404	980	332	211	86	37	65	42
3	68	65	126	350	360	640	286	189	82	38	60	33
4	69	154	117	300	343	492	262	178	88	39	65	28
5	42	79	142	400	310	426	251	164	93	35	60	24
6	37	68	163	700	280	374	560	153	75	35	55	25
7	33	60	150	1,590	270	340	840	142	64	83	60	26
8	32	55	129	873	270	318	591	135	59	41	63	25
9	31	52	201	533	263	470	550	125	75	35	54	24
10	30	51	994	437	237	518	486	118	72	29	41	27
11	29	51	1,800	374	213	898	9,150	111	61	28	36	28
12	28	52	3,980	347	204	981	5,000	108	94	29	33	26
13	27	209	2,920	314	200	643	2,000	99	134	30	33	24
14	26	512	1,150	302	190	469	1,000	91	87	29	32	41
15	25	451	569	543	183	409	675	85	68	26	29	44
16	24	510	651	664	234	364	495	79	58	24	28	44
17	27	433	4,190	474	203	325	432	75	51	23	27	112
18	28	247	9,120	402	231	305	388	73	45	22	26	46
19	28	191	2,850	440	450	295	354	68	54	22	26	32
20	27	158	1,220	402	350	286	322	62	117	22	23	26
21	27	135	721	355	500	390	295	60	72	22	25	24
22	28	124	580	330	1,000	326	273	57	54	21	41	22
23	34	627	460	532	2,100	281	262	54	51	21	32	22
24	31	1,450	376	695	2,400	260	288	53	47	22	28	22
25	30	675	336	640	1,290	368	253	50	47	49	28	21
26	28	338	302	990	840	493	266	47	98	96	28	25
27	28	263	300	2,600	801	379	234	45	79	52	28	53
28	28	216	350	2,330	1,500	322	239	44	61	59	24	42
29	30	182	350	1,200	-----	288	291	43	53	92	23	32
30	35	159	300	768	-----	265	249	253	48	79	20	28
31	35	-----	253	560	-----	420	-----	196	-----	61	21	-----
TOTAL	1,076	7,641	35,081	21,215	16,083	14,625	27,052	3,395	2,181	1,244	1,218	994
MEAN	34.7	255	1,132	684	574	472	902	110	72.7	40.1	39.3	33.1
MAX	81	1,450	9,120	2,600	2,400	1,300	9,150	253	134	96	104	112
MIN	24	36	117	300	183	260	224	43	45	21	20	21
CFSM	.29	2.12	9.43	5.70	4.79	3.93	7.51	.91	.61	.33	.33	.28
IN.	.33	2.37	10.9	6.57	4.98	4.53	8.38	1.05	.68	.39	.38	.31

CAL YR 1961: TOTAL 100,762 MEAN 376 MAX 9,120 MIN 19 CFSM 2.30 IN 21.83
 MAY YR 1962: TOTAL 131,805 MEAN 361 MAX 9,150 MIN 20 CFSM 3.01 IN 21.83

Note --Daily discharge partially estimated Apr 11

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	26	34	51	108	239	145	122	1,040	332	261	76	40
2	68	35	50	96	224	176	118	470	252	231	71	32
3	76	36	50	87	346	136	111	333	207	176	61	31
4	42	35	51	82	263	123	105	259	174	129	55	34
5	34	34	56	76	214	625	97	213	153	104	51	39
6	33	34	70	77	181	2,710	144	647	138	89	48	40
7	32	34	64	86	161	1,730	209	1,340	118	84	46	34
8	41	35	55	79	144	639	151	579	105	79	60	31
9	47	37	54	74	130	427	132	348	94	77	52	29
10	40	45	51	72	120	382	127	256	85	70	44	29
11	33	50	49	73	142	339	116	207	77	64	39	26
12	32	54	50	85	175	5,340	108	242	69	57	38	25
13	31	75	50	82	136	3,570	99	161	63	55	39	24
14	29	60	50	74	123	1,090	96	147	56	99	95	25
15	29	54	49	65	111	589	91	193	52	107	60	28
16	32	50	56	62	105	485	90	140	65	87	44	28
17	29	48	65	70	99	421	86	115	132	90	38	27
18	30	114	57	74	98	342	84	117	87	110	36	25
19	30	127	54	83	279	302	83	98	74	80	33	24
20	28	73	54	111	287	283	87	84	398	76	35	22
21	30	84	60	104	213	232	91	80	460	193	178	20
22	49	83	152	84	167	202	83	75	281	99	67	19
23	44	67	110	103	147	166	74	68	262	74	60	19
24	34	57	87	138	143	181	68	65	326	225	50	17
25	33	54	148	97	135	172	76	84	204	164	44	17
26	32	53	148	110	122	214	123	1,840	145	161	45	16
27	37	52	110	145	111	189	97	7,020	172	239	47	23
28	35	52	93	126	109	160	226	2,520	181	123	46	36
29	33	51	142	112	-----	147	1,110	1,230	136	101	43	33
30	34	53	178	199	-----	135	2,510	709	108	88	57	30
31	34	-----	123	318	-----	128	-----	440	-----	84	47	-----
TOTAL	1,137	1,670	2,437	3,152	4,724	21,800	6,714	21,120	5,006	3,676	1,735	823
MEAN	36.7	55.7	78.6	102	149	703	224	681	167	119	56.0	27.4
MAX	76	127	178	318	346	5,340	2,510	7,020	460	261	178	40
MIN	26	34	49	62	98	123	68	65	52	55	33	16
CFSM	.31	.46	.66	.85	1.41	5.86	1.87	5.68	1.39	.99	.47	.23
IN.	.35	.52	.76	.98	1.46	6.76	2.08	6.55	1.55	1.14	.54	.26

CAL YR 1962: TOTAL 93,251 MEAN 255 MAX 9,150 MIN 20 CFSM 2.13 IN 28.90
 MAY YR 1963: TOTAL 73,994 MEAN 203 MAX 7,020 MIN 16 CFSM 1.69 IN 22.93

2-4325 Bull Mountain Creek at Tremont, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	29	29	83	104	241	229	285	322	175	49	46	27
2	26	51	72	100	214	419	267	375	122	140	41	25
3	26	47	76	132	187	923	251	581	90	84	39	23
4	25	35	74	221	174	725	380	380	80	63	34	22
5	24	55	68	238	174	596	477	300	75	53	53	21
6	22	162	65	252	274	414	1,480	256	72	48	57	21
7	21	114	63	442	234	343	2,340	222	70	70	41	20
8	20	61	69	340	195	337	2,670	196	71	59	37	18
9	20	51	83	739	178	329	1,260	184	68	53	36	18
10	19	48	74	1,050	168	678	716	215	64	61	34	18
11	19	46	368	570	161	542	498	190	61	98	36	17
12	20	43	858	399	150	379	575	205	58	415	85	16
13	20	42	595	354	202	318	1,690	211	56	325	52	15
14	19	43	265	269	368	529	2,090	165	53	134	39	15
15	19	43	191	231	575	3,750	1,120	144	49	95	35	15
16	18	43	154	209	1,360	2,580	688	130	48	81	69	15
17	18	44	133	195	1,010	1,030	495	120	47	76	123	16
18	19	47	126	181	650	645	419	114	53	64	66	21
19	19	45	116	171	544	475	360	104	47	58	60	42
20	20	47	105	233	405	434	319	97	41	63	44	39
21	20	55	101	213	332	380	283	90	38	111	39	29
22	19	61	97	175	289	320	264	86	37	87	35	27
23	20	114	118	164	258	300	279	86	610	154	34	26
24	20	127	111	336	238	264	495	94	119	93	41	25
25	22	76	103	1,440	234	637	374	84	69	76	39	24
26	24	66	117	1,810	245	1,330	485	78	49	76	37	21
27	25	62	141	668	214	1,040	859	75	44	69	45	20
28	25	61	129	410	257	594	883	72	44	61	38	162
29	24	103	116	314	263	425	536	79	40	51	32	265
30	24	123	107	271	-----	348	314	78	40	49	41	192
31	24	-----	100	249	-----	310	-----	74	-----	48	30	-----
TOTAL	670	1,944	4,878	12,480	9,794	21,623	23,152	5,407	2,490	2,964	1,440	1,215
MEAN	21.6	64.8	157	403	338	698	772	174	83.0	95.6	46.5	40.5
MAX	29	162	858	1,810	1,360	3,750	2,670	581	610	415	123	265
MIN	18	29	63	100	150	229	251	72	37	48	30	15
CFSN	-18	-54	1.31	3.35	2.81	5.81	6.43	1.45	.69	.80	.39	.34
IN.	-.21	-.60	1.51	3.67	3.04	6.70	7.18	1.68	.77	.92	.45	.38

CAL YR 1963: TOTAL 76,542
MAY YR 1964: TOTAL 88,057MEAN 209
MEAN 241MAX 7,980
MAX 3,750MIN 18
MIN 15CFSN 1.74
CFSN 2.00IN 22.63
IN 27.23

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	109	902	327	1,470	270	1,120	3,620	352	160	116	74	92
2	94	1,060	285	1,560	282	1,070	3,550	443	152	109	71	92
3	84	763	265	1,860	380	829	2,850	446	139	106	74	105
4	77	387	254	2,040	542	703	2,080	358	134	100	71	107
5	77	298	248	1,100	413	632	1,420	322	128	97	69	186
6	98	254	243	682	366	584	1,030	435	135	95	67	190
7	294	236	239	561	434	768	825	564	141	92	63	190
8	314	217	248	485	836	1,370	703	556	162	95	67	148
9	405	211	242	424	1,130	1,600	779	458	171	132	69	137
10	468	485	228	376	1,100	2,360	1,010	516	167	121	67	125
11	264	941	251	350	740	2,200	1,160	413	209	101	69	100
12	178	1,040	374	331	592	1,260	1,250	339	251	99	65	96
13	147	589	368	317	508	1,250	1,370	311	200	116	61	92
14	128	411	282	331	450	1,370	1,660	280	159	118	59	96
15	120	340	265	387	411	1,510	1,640	379	145	144	425	96
16	173	311	265	434	376	1,380	1,170	561	186	125	496	97
17	231	413	266	370	358	990	874	414	166	120	322	91
18	154	480	244	318	462	1,560	734	286	145	128	180	84
19	213	354	236	350	731	1,730	652	251	143	120	131	79
20	416	313	251	592	2,080	2,100	589	232	172	111	107	78
21	625	283	546	614	3,770	2,740	545	216	332	102	96	77
22	510	277	769	455	4,400	2,390	503	208	626	92	89	77
23	256	390	545	387	5,480	2,900	472	202	631	93	87	76
24	204	740	415	368	3,690	2,360	446	228	239	103	140	74
25	177	682	374	333	2,590	1,980	420	265	202	105	401	71
26	155	480	348	318	1,940	1,010	422	232	178	104	271	69
27	140	393	324	337	1,550	815	480	311	161	103	161	68
28	133	350	308	337	1,300	988	438	298	154	94	127	67
29	128	331	331	303	1,670	380	214	214	164	114	68	65
30	133	358	687	286	-----	2,680	348	190	127	78	105	63
31	489	-----	1,150	277	-----	-----	-----	174	-----	76	95	-----
TOTAL	6,994	14,289	11,178	18,353	37,181	49,779	33,420	10,414	5,751	3,279	4,293	2,994
MEAN	226	476	361	592	1,328	1,606	1,114	336	192	106	138	99.8
MAX	625	1,060	1,150	2,040	5,480	4,260	3,620	564	626	144	496	190
MIN	77	211	228	277	270	584	348	174	127	76	59	63
CFSM	78	1,462	1,08	1,77	4,96	4,70	3,33	1,20	57	3		

2-4330 Bull Mountain Creek near Smithville, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	88	78	370	962	1,920	3,510	1,160	525	394	149	159	53
2	134	78	333	1,120	1,370	4,540	1,570	473	235	137	192	56
3	207	100	313	1,070	1,060	2,870	1,660	417	200	133	155	75
4	169	169	299	856	881	2,150	942	370	197	126	149	65
5	144	301	310	1,190	788	1,570	740	340	235	119	177	57
6	110	186	394	2,010	712	1,150	1,290	314	213	114	142	55
7	96	147	418	3,200	637	934	1,650	296	181	117	137	52
8	91	131	366	4,160	589	819	2,080	279	165	170	116	51
9	87	120	435	2,890	617	1,040	2,320	266	163	140	122	50
10	84	115	1,540	1,800	612	1,350	1,870	253	174	111	131	53
11	82	114	2,570	1,200	527	1,930	3,710	242	173	99	100	55
12	79	116	7,890	949	480	2,180	25,100	232	195	96	90	52
13	78	327	9,320	822	460	2,550	10,200	220	275	119	84	58
14	76	990	6,380	767	438	2,190	4,580	210	253	130	78	98
15	72	1,150	3,740	1,330	424	1,560	2,780	200	191	106	74	91
16	70	1,520	2,940	1,470	485	1,110	2,100	188	162	95	70	100
17	70	1,620	5,640	1,680	548	896	1,580	181	148	87	65	128
18	70	1,560	17,900	1,630	498	762	11,800	174	139	84	64	161
19	72	1,050	15,200	1,200	874	691	990	165	132	79	62	100
20	74	511	5,960	1,190	779	655	852	161	154	76	59	78
21	72	385	3,280	1,080	798	772	730	154	226	71	59	66
22	71	344	2,320	885	1,230	906	645	151	189	68	54	59
23	71	1,320	1,710	1,250	2,490	775	586	146	141	66	65	57
24	76	1,700	1,190	1,410	5,730	632	583	141	130	68	64	57
25	78	2,060	904	1,850	6,240	839	625	139	120	108	72	56
26	77	2,890	746	2,360	3,800	1,210	549	131	240	175	65	62
27	74	1,900	708	4,400	2,610	1,430	531	128	265	183	65	71
28	73	750	837	7,760	2,920	1,180	504	122	206	130	65	97
29	73	532	919	5,980	-----	836	593	119	220	152	60	95
30	72	420	731	3,590	-----	709	642	191	163	194	55	75
31	76	-----	657	2,540	-----	910	-----	480	-----	195	51	-----
TOTAL	2,766	22,684	96,320	64,691	40,517	44,656	74,342	7,480	5,859	3,697	2,901	2,183
MEAN	89.2	756	3,107	2,087	1,447	1,441	2,478	239	195	119	93.6	73.8
MAX	207	2,890	17,900	7,760	6,240	4,540	25,100	525	394	195	192	161
MIN	70	78	299	767	424	632	504	119	120	66	50	50
CFSM	-27	2.26	9.27	6.23	4.32	4.30	7.40	-71	-58	-36	-28	-22
IN.	.31	2.52	10.7	7.18	4.50	4.96	8.25	.82	.65	.41	.32	.24

CAL YR 1961 TOTAL 267,234 MEAN 787 MAX 17,900 MIN 50 CFSM 2.35 IN 31.89
 MAY YR 1962 TOTAL 368,024 MEAN 1,008 MAX 25,100 MIN 50 CFSM 3.01 IN 40.86

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	68	73	122	261	626	266	285	3,320	1,070	268	364	103
2	76	73	120	233	478	391	266	2,620	620	399	270	88
3	97	74	117	218	518	257	1,450	458	434	259	79	79
4	118	75	116	200	699	331	245	723	370	348	236	148
5	89	76	125	191	535	616	238	520	322	268	188	156
6	77	75	136	183	415	1,430	259	1,220	288	230	168	116
7	87	75	150	156	356	2,580	416	1,890	258	254	156	107
8	75	143	188	318	480	4,020	468	1,630	230	216	141	90
9	78	75	132	180	293	2,450	348	1,540	209	195	139	82
10	90	76	129	175	272	1,360	301	717	190	177	136	77
11	82	79	124	173	276	937	277	475	175	157	116	72
12	76	94	119	192	360	2,000	254	398	159	142	106	68
13	72	105	99	210	376	9,600	238	393	148	133	110	68
14	69	130	101	195	306	6,930	226	317	134	255	108	65
15	67	106	121	177	278	2,960	214	310	126	268	172	64
16	66	94	120	168	254	2,130	204	393	120	258	130	64
17	66	85	134	168	241	1,390	200	298	160	383	106	64
18	65	134	143	179	240	999	192	258	285	601	97	63
19	69	206	137	203	386	774	186	245	224	318	95	60
20	68	218	130	251	693	659	183	218	570	254	88	57
21	67	169	139	278	583	563	186	195	789	671	106	54
22	76	172	187	251	418	472	186	182	753	684	178	52
23	83	166	318	258	337	415	172	169	615	331	155	49
24	88	146	240	318	318	383	161	160	985	436	111	46
25	74	129	237	280	313	366	186	164	1,320	825	97	45
26	68	124	303	259	298	400	216	584	714	650	92	44
27	67	120	293	317	274	478	259	3,240	443	555	101	49
28	68	117	244	320	257	402	262	9,720	460	475	102	56
29	74	117	257	268	-----	344	1,150	4,620	409	468	110	66
30	75	121	342	356	-----	318	1,690	2,660	326	485	116	68
31	74	-----	339	604	-----	296	-----	1,900	-----	340	122	-----
TOTAL	2,370	3,377	5,415	7,438	10,718	46,678	9,725	42,529	12,930	11,478	4,475	2,215
MEAN	76.5	113	175	240	383	1,506	324	1,372	431	370	144	73.8
MAX	118	218	342	604	699	9,600	1,690	9,720	1,320	825	364	156
MIN	65	73	99	168	240	266	161	160	120	133	88	44
CFSM	-23	-34	-52	-72	-1.4	4.49	.97	4.10	1.29	1.11	.43	.22
IN.	-26	-37	-60	-83	-1.19	5.18	1.08	4.72	1.44	1.27	.50	.25

CAL YR 1962 TOTAL 257,516 MEAN 705 MAX 25,100 MIN 50 CFSM 2.11 IN 28.58
 MAY YR 1963 TOTAL 159,348 MEAN 437 MAX 9,720 MIN 44 CFSM 1.30 IN 17.68

2-4330 Bull Mountain Creek near Smithville, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	67	51	200	233	604	674	725	983	210	93	111	69
2	70	57	153	236	551	903	654	1,000	409	122	99	64
3	65	74	138	257	470	1,470	604	1,290	283	211	91	60
4	60	82	134	388	426	1,670	854	1,360	202	167	83	58
5	59	99	130	538	419	1,960	1,200	1,390	172	125	81	56
6	64	116	120	565	559	1,680	2,440	873	158	105	97	56
7	60	206	116	738	674	1,170	3,770	654	150	116	109	55
8	52	183	119	896	538	956	5,950	546	142	182	93	54
9	49	116	129	1,490	450	924	4,440	474	136	129	83	52
10	49	96	145	1,460	407	1,200	2,690	487	128	107	80	51
11	52	89	428	1,610	376	1,310	1,830	533	124	115	80	50
12	49	82	1,100	1,830	352	1,260	1,560	490	121	496	81	49
13	45	77	1,130	1,220	391	904	2,470	530	119	911	117	48
14	44	74	1,300	840	668	817	3,820	467	117	731	98	46
15	43	73	815	604	1,230	1,950	3,910	376	111	316	81	45
16	42	76	418	510	1,600	8,340	2,660	333	101	273	122	45
17	41	77	331	455	1,860	5,920	1,860	298	98	211	145	46
18	44	80	291	418	2,570	2,920	1,220	276	97	175	195	49
19	41	80	268	389	2,120	2,010	940	250	104	146	129	53
20	42	82	248	395	1,470	1,340	790	229	98	129	105	61
21	44	86	233	500	1,050	1,040	691	211	88	141	93	70
22	43	91	224	418	814	901	621	200	81	171	85	60
23	44	142	237	364	699	751	638	205	78	160	99	56
24	43	197	250	760	613	660	1,140	217	112	220	92	54
25	46	196	240	1,680	583	1,130	1,420	226	211	176	83	52
26	48	137	240	1,920	588	1,850	1,590	200	136	164	82	51
27	47	117	274	3,160	569	2,280	1,920	167	101	145	81	50
28	48	113	310	2,510	567	2,740	1,970	161	91	134	83	134
29	47	156	283	1,170	699	1,980	2,000	155	87	118	79	340
30	48	188	255	754	-----	1,210	1,600	162	86	107	72	445
31	47	-----	237	654	-----	854	-----	166	-----	115	74	-----
TOTAL	1,543	3,293	10,496	28,962	23,917	54,774	57,977	14,909	4,151	6,511	3,003	2,379
MEAN	49.8	110	339	934	825	1,767	1,933	481	138	210	96.9	79.3
MAX	70	206	1,300	3,160	2,570	8,340	5,950	1,390	409	911	195	445
MIN	41	51	116	233	352	660	604	155	78	93	72	45
CFSM	-15	-33	1.01	2.79	2.46	5.27	5.77	1.44	.41	.63	.29	.24
IN.	.17	.37	1.17	3.22	2.66	6.08	6.44	1.66	.46	.72	.33	.26

CAL YR 1963: TOTAL 163,518

MEAN 448

MAX 9,720

MIN 41

CFSM 1.34

IN 18.13

WAT YR 1964: TOTAL 211,915

MEAN 579

MAX 8,340

MIN 41

CFSM 1.73

IN 23.53

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	302	152	765	380	350	811	3,400	255	103	64	64	98
2	158	137	484	507	396	1,100	2,260	236	94	79	60	125
3	125	133	400	408	468	1,290	1,590	220	91	76	58	111
4	443	124	387	876	374	1,360	1,280	206	83	72	96	98
5	438	123	374	722	352	1,050	1,270	190	81	112	54	85
6	400	121	346	578	350	911	1,120	183	80	163	52	80
7	208	119	320	512	405	848	953	176	81	357	60	77
8	155	123	274	477	530	740	839	163	91	189	303	73
9	136	141	266	448	1,250	666	751	155	104	132	503	70
10	124	152	261	517	1,780	607	688	136	95	125	206	67
11	115	134	742	731	4,900	561	613	139	105	125	125	114
12	110	125	1,520	694	8,880	677	564	140	117	107	101	766
13	111	124	1,450	554	9,800	901	520	136	158	98	88	858
14	105	124	2,220	482	5,120	914	462	130	154	86	82	348
15	103	127	2,240	438	2,850	784	438	124	129	79	88	189
16	104	125	1,040	414	2,010	728	400	120	122	76	77	146
17	145	124	702	387	1,340	966	380	115	117	73	71	122
18	130	128	781	350	987	1,200	364	143	112	70	70	109
19	117	178	854	335	823	1,270	366	128	103	67	94	103
20	105	402	708	331	711	1,020	398	122	91	63	85	93
21	99	530	657	322	635	769	383	129	83	60	72	85
22	94	325	604	316	575	668	340	129	77	58	79	81
23	93	239	543	396	520	607	300	122	73	57	79	88
24	92	226	512	596	568	607	278	117	73	61	92	118
25	91	410	546	564	997	763	262	123	76	107	89	142
26	89	696	740	462	1,220	1,660	316	117	85	98	124	125
27	89	530	646	409	1,170	1,950	455	139	76	146	103	107
28	95	724	504	372	857	3,000	409	129	72	119	129	97
29	159	924	443	356	-----	3,010	327	151	66	92	139	87
30	323	1,070	462	356	-----	2,590	283	129	64	78	168	86
31	195	-----	820	354	-----	3,280	-----	115	-----	69	109	-----
TOTAL	5,053	8,590	22,820	14,944	50,234	37,308	22,009	4,617	2,956	3,154	3,480	4,788
MEAN	163	286	736	482	1,794	1,203	734	149	95.2	102	112	158
MAX	443	1,070	2,440	876	9,800	3,280	3,400	255	158	357	503	858
MIN	89	119	261	316	350	561	262	115	64	57	92	67
CFSM	.49	.85	2.20	1.44	5.36	3.58	2.19	.44	.28	.30	.34	.47
IN.	.56	.95	2.53	1.66	5.58	4.14	2.44	.51	.32	.35	.39	.53

CAL YR 1964: TOTAL 233,046

MEAN 637

MAX 8,340

MIN 45

CFSM 1.90

IN 25.87

WAT YR 1965: TOTAL 179,813

MEAN 493

MAX 8,800

MIN 52

CFSM 1.47

IN 19.96

MOBILE RIVER BASIN

2-4335 Tombigbee River at Bigbee, Miss

Location --Lat 34°00'40", long 88°30'50", in SW 1/4 sec 25, T 12 S, R 7 E, Chickasaw meridian, near right bank on downstream side of bridge on State Highway 6, 0.2 mile upstream from St Louis-San Francisco Railway bridge, 0.5 mile southeast of Bigbee, 2 miles northwest of Amory, 3.7 miles upstream from West Fork Tombigbee River, 8.4 miles downstream from Bogudefala Creek, and 15.4 miles downstream from Bull Mountain Creek

Drainage area --1,194 sq mi

Records available --October 1944 to September 1954, October 1963 to September 1965. Monthly discharge only for some periods, published in WSP 1304. Prior to October 1963, published as East Fork Tombigbee River at Bigbee.

Gage --Water-stage recorder Datum of gage is 190 00 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) Prior to Sept 9, 1949, wire-weight gage at same site and datum Water-stage recorder for Tombigbee River near Amory, 4 0 miles downstream, is used as an auxiliary gage for this station

Average discharge --12 years (1944-54, 1963-65), 2,091 cfs

Extremes --Maximum and minimum discharges for the water years 1964-65 are contained in the following table

Annual maximum discharge (*) and peak discharges above base (12,000 cfs), and annual minimum discharge

Water year	Maximum				Minimum		
	Date	Time	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1964	Mar 17, 1964	1100	* 43,900	22.72	Oct 21, 1963	111	b 1 60
	Apr 9, 1964	0400	20,200	18 24			
	Apr 16, 1964	1800	12,700	15 50			
1965	Feb 14, 1965	1200	* 18,100	18 35	Aug 6, 1965	133	1 66
	Mar 30, 1965	-	/a 13,500	-			

a About

b Occurred Sept 15-17, 1964

1944-54, 1963-65 Maximum discharge 52,800 cfs Feb 15, 1948 (gage height, 24 92 ft, from graph based on gage readings), minimum, 29 cfs Sept 15, 1954 (gage height, 1 10 ft)

Remarks --Records fair

Cooperation --Gage-height record and 22 discharge measurements furnished by Corps of Engineers

Revisions (water years) --WSP 1504 1946, 1948

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	160	131	420	700	2,290	2,060	3,690	5,250	380	217	277	207
2	158	138	407	700	1,830	2,720	3,070	4,120	640	338	255	196
3	154	150	358	750	1,480	4,310	2,650	6,260	760	328	245	177
4	147	169	333	800	1,310	3,650	2,680	5,270	580	398	227	162
5	140	242	315	1,000	1,240	3,980	2,580	4,840	504	401	212	157
6	131	279	293	1,500	1,690	5,100	2,670	4,060	460	328	200	147
7	136	295	295	1,500	1,850	6,440	7,640	3,320	430	299	214	143
8	134	387	298	2,000	1,820	7,150	13,800	2,850	398	361	237	140
9	127	327	295	3,300	1,740	5,110	2,430	3,893	343	343	242	136
10	122	264	309	3,470	1,680	5,650	12,580	2,040	358	343	207	131
11	122	230	1,010	3,370	1,540	4,590	7,790	1,760	364	314	232	130
12	124	216	2,050	3,500	1,290	4,080	5,470	1,590	349	1,470	234	125
13	124	204	2,500	4,250	1,260	3,450	7,470	1,560	320	1,400	227	120
14	122	195	2,490	4,310	1,800	3,290	7,690	1,520	305	2,150	250	119
15	124	191	2,400	3,800	2,640	6,020	8,160	1,330	291	1,400	234	118
16	128	193	2,200	3,110	3,920	11,000	11,900	1,140	272	962	266	118
17	121	192	2,000	2,660	3,790	38,190	9,510	1,000	234	961	118	127
18	117	206	1,900	2,310	4,240	25,600	6,800	876	258	679	768	122
19	117	216	1,760	1,940	5,900	14,400	4,600	771	258	543	699	130
20	114	239	1,420	1,660	6,440	8,580	3,600	683	247	430	518	136
21	113	247	844	1,580	5,180	5,410	2,990	615	234	395	392	141
22	121	251	727	1,540	3,920	4,080	2,520	952	219	367	308	144
23	122	315	680	1,470	3,180	3,400	2,240	507	212	395	266	141
24	122	410	650	1,700	2,700	2,890	2,710	511	207	405	264	131
25	117	500	630	3,790	2,320	3,160	3,150	511	284	460	229	128
26	124	438	660	4,100	2,000	4,540	3,710	481	322	460	219	123
27	122	345	750	4,110	1,730	4,460	6,280	428	272	408	212	123
28	133	328	900	4,600	1,870	6,130	7,250	390	227	408	244	123
29	136	297	800	3,850	2,060	8,540	6,670	364	205	380	230	120
30	126	380	800	2,960	2,960	6,110	6,110	324	212	314	237	889
31	126	-----	750	2,580	-----	4,890	-----	336	-----	277	219	-----
TOTAL	3,988	7,979	31,114	78,910	74,710	221,380	189,540	57,691	10,212	19,415	9,077	5,405
MEAN	128	266	1,004	2,545	2,576	7,141	6,318	1,861	340	626	293	180
MAX	160	500	2,500	4,600	6,440	38,190	13,800	6,800	760	2	768	189
MIN	111	131	293	700	1,240	2,060	2,240	336	205	217	200	118
CFSM	-113	-22	-.84	2.13	2.16	5.98	5.29	1.56	-.29	-.52	-.25	-.15
IN.	-.12	-.25	-.97	2.46	2.33	6.90	5.90	1.80	-.32	-.60	-.28	-.17

CAL YR 1963: TOTAL	MEAN	MAX	MIN	CFSM	IN
WAT YR 1964: TOTAL 709,421	MEAN 1,938	MAX 38,100	MIN 113	CFSM 1.62	IN 22.10

MOBILE RIVER BASIN

457

2-4335 Tombigbee River at Bigbee, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	854	494	2,190	2,240	1,030	3,690	11,000	1,050	469	199	197	631
2	565	389	1,850	1,740	1,250	4,380	10,000	964	424	202	169	473
3	392	337	1,720	2,080	1,410	4,500	7,860	851	375	212	152	366
4	677	305	1,400	2,110	1,320	4,330	5,900	774	339	230	141	304
5	1,380	294	1,340	2,110	1,230	4,320	5,000	703	309	287	134	251
6	1,060	280	1,530	1,990	1,180	4,590	4,400	650	290	375	134	225
7	402	277	1,590	1,960	1,270	4,190	3,700	606	369	754	141	209
8	392	285	1,550	1,890	1,450	3,540	3,600	566	390	635	783	194
9	311	305	1,200	1,680	2,580	3,060	3,500	527	497	453	1,300	187
10	277	334	889	1,880	3,550	2,710	3,400	493	556	396	825	173
11	250	331	1,380	2,180	7,110	2,370	3,200	483	450	378	556	316
12	232	305	2,890	2,140	11,700	2,530	3,000	463	493	309	431	1,710
13	227	299	3,000	2,070	14,100	2,540	2,620	450	642	264	333	1,860
14	224	297	3,260	2,160	17,700	2,540	2,280	447	703	235	278	1,270
15	219	302	3,560	2,350	15,100	2,420	1,950	421	624	204	240	778
16	222	322	3,210	2,470	10,900	2,320	1,690	390	635	192	207	556
17	229	311	2,570	2,370	7,260	2,310	1,520	500	691	204	180	424
18	269	317	2,600	2,100	4,880	3,200	1,400	714	657	185	167	333
19	245	395	2,600	1,630	3,800	3,060	1,380	990	592	178	190	278
20	224	938	2,370	1,360	3,200	2,840	1,420	1,180	493	173	220	246
21	217	1,370	2,140	1,220	2,720	2,470	1,350	1,380	415	165	220	230
22	202	1,240	2,010	1,160	2,300	2,290	1,230	1,440	345	148	220	220
23	198	948	1,850	1,460	1,920	2,120	1,150	1,370	292	150	204	240
24	194	798	1,730	1,770	1,880	1,900	1,070	1,090	264	147	222	278
25	194	1,140	1,840	1,780	2,840	2,240	1,010	897	270	235	267	336
26	196	1,500	1,960	1,680	2,740	2,700	1,020	758	304	333	342	330
27	198	1,480	2,010	1,560	3,030	4,340	1,480	718	298	336	381	281
28	222	1,760	1,900	1,420	3,060	9,000	1,470	738	256	418	415	246
29	311	2,480	1,900	1,260	-----	12,000	1,280	657	233	375	742	246
30	610	2,280	2,000	1,160	-----	13,000	1,140	606	209	295	947	225
31	671	-----	2,460	1,080	-----	12,500	-----	538	-----	243	867	-----
TOTAL	12,064	22,113	64,499	56,060	132,510	130,000	91,020	23,414	12,884	8,910	11,605	13,416
MEAN	389	737	2,081	1,808	4,733	4,194	3,034	755	429	287	374	447
MAX	1,380	2,480	3,560	2,470	17,700	13,000	11,000	1,440	703	754	1,300	1,860
MIN	194	277	889	1,080	1,030	1,900	1,010	390	209	147	134	173
CFSM	.33	.62	1.74	1.51	3.96	3.51	2.54	.63	.36	.24	.31	.37
IN.	.38	.69	2.01	1.75	4.13	4.05	2.84	.73	.40	.28	.36	.42

CAL YR 1964: TOTAL 765,016 MEAN 2,090 MAX 38,100 MIN 118 CFSM 1.75 IN 23.83
 MAY YR 1965: TOTAL 578,495 MEAN 1,585 MAX 17,700 MIN 134 CFSM 1.53 IN 18.02

Note --No gage-height record Mar 28 to Apr 2

MOBILE RIVER BASIN

2-4335 3 Burkett Creek at Amory, Miss

Location --Lat 33°59'43", long 88°29'29", in NW 1/4 sec 25, T 12 S, R 19 W, Huntsville meridian, near center of channel at upstream side of bridge on State Highway 25 at Amory, 0.9 mile upstream from St. Louis-San Francisco Railroad, and 2 miles upstream from mouth

Drainage area --4.62 sq mi

Records available --December 1963 to September 1965

Gage --Water stage recorder

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,500 cfs) December 1963 to September 1965											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Jan 9, 1964	0430	335	11.76	Mar 15, 1964	0330	386	11.72	Apr 13, 1964	1200	370	11.65
Mar 2, 1964	1600	339	11.33	Apr 6, 1964	0330	* 503	12.70	Feb. 12, 1965	0200	* 629	13.67

Annual minimum daily discharges, December 1963 to September 1965							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1964	Sept 13-16, 1964	0.4	-	1965	Aug 5, 1965	3	-

Remarks --Records fair

Cooperation --Gage-height record, 26 discharge measurements, and records of daily discharge furnished by Corps of Engineers, eight discharge measurements made and records reviewed by Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, DECEMBER 1963 TO SEPTEMBER 1964												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1			1.5	3.8	5.8	7.3	3.5	2.8	1.8	2.0	.80	.60
2			1.0	5.8	4.2	157	3.6	43	1.6	5.4	.80	.60
3			1.5	35	3.5	43	3.8	22	1.6	2.7	.80	.50
4			1.0	32	3.0	22	43	7.0	1.6	1.8	.90	.50
5			.90	12	16	15	105	3.8	1.6	1.4	.50	.50
6			.80	47	19	7.8	203	2.8	1.4	1.8	.60	.50
7			.70	30	9.2	18	48	2.4	1.2	1.6	.70	.50
8			3.0	31	5.4	23	13	2.3	1.4	2.1	.60	.50
9			1.4	164	3.8	26	5.4	2.2	1.0	1.8	.60	.50
10			2.7	24	3.5	26	3.8	2.6	1.0	1.0	.70	.50
11			174	13	2.8	10	2.8	2.3	8.0	7.1	1.0	.50
12			86	23	2.6	6.8	180	3.6	2.7	13	.80	.50
13			18	12	20	5.0	224	3.3	1.2	1.8	.60	.40
14			11	5.8	6.6	65	28	2.2	1.2	1.2	.60	.40
15			5.0	3.8	141	192	8.6	2.0	1.0	1.0	.80	.40
16			3.5	3.8	37	21	5.2	1.8	1.0	1.0	11	.40
17			2.8	3.5	13	11	3.5	1.6	1.4	.90	1.6	.50
18			2.8	3.8	41	7.8	2.8	1.6	2.0	.80	.90	1.0
19			2.4	4.8	18	8.9	2.4	1.4	1.0	.80	.80	.90
20			2.6	7.8	9.5	10	2.1	1.4	.70	1.0	.80	.70
21			2.4	4.2	6.6	8.3	1.8	1.2	.80	1.4	.80	.60
22			3.6	3.8	5.0	6.6	2.0	1.4	.80	.90	.90	.60
23			8.6	3.8	4.4	5.6	8.2	1.8	.80	.90	3.6	.60
24			4.4	104	4.6	5.0	14	1.4	1.0	.80	1.2	.60
25			5.2	54	8.6	30	25	1.2	1.0	1.4	.90	.50
26			8.3	15	7.3	34	93	1.2	1.0	1.2	.80	.50
27			6.0	9.2	7.0	10	134	1.0	.80	.90	.70	.50
28			4.2	6.3	19	6.8	15	1.6	.80	.70	.70	11
29			3.6	4.6	7.8	4.6	6.3	1.4	.80	.70	.60	24
30			3.1	3.8	-----	3.6	3.8	1.2	1.6	.80	.60	2.6
31		-----	3.0	6.3	-----	3.5	-----	1.6	-----	.80	.60	-----
TOTAL			375.00	680.9	435.2	800.6	1,194.6	127.1	43.80	60.70	37.30	52.40
MEAN			12.1	22.0	15.0	25.8	35.8	4.10	1.46	1.96	1.20	1.75
MAX			174	164	141	192	224	43	8.0	13	11	24
MIN			.70	3.5	2.6	3.5	1.8	1.0	.70	.70	.50	.40
CFSM			2.62	4.75	3.25	5.59	8.62	.89	.32	.42	.26	.38
IN.			3.02	5.48	3.50	6.44	9.62	1.02	.35	.49	.30	.42

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DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.8	1.2	3.4	3.1	6.4	44	10	2.6	.40	.40	.40	2.7
2	1.2	1.0	3.4	11	5.8	33	8.6	2.3	.40	.40	.40	.70
3	1.0	1.0	4.0	21	2.8	13	12	2.0	.40	1.4	.40	.70
4	35	1.0	7.6	8.3	2.8	9.0	11	1.8	.40	26	.40	.70
5	15	1.0	4.4	5.1	2.6	8.2	8.6	1.8	.50	5.0	.30	.60
6	4.0	1.2	3.1	3.7	4.4	10	6.5	1.6	.40	.70	.40	.60
7	2.1	1.0	2.3	3.4	18	6.9	9.0	1.6	.70	6.0	10	.60
8	1.2	1.6	2.3	2.8	29	5.1	7.9	1.4	.60	1.6	6.2	.50
9	1.4	1.4	2.3	4.8	127	4.0	5.8	1.4	.50	1.2	2.5	.50
10	1.2	1.2	2.1	37	120	3.4	4.4	1.4	.40	4.0	1.4	1.0
11	1.2	1.2	136	15	441	2.8	4.0	3.1	4.4	6.4	.70	27
12	1.0	1.0	67	7.6	234	55	3.4	4.0	2.0	.90	.60	8.7
13	1.0	1.0	22	4.4	27	20	2.3	2.0	.70	.70	.60	.70
14	1.0	1.0	11	2.8	16	12	2.3	1.6	.60	.70	.60	.60
15	.90	1.0	6.9	2.3	11	15	2.6	1.4	11	.60	.60	.50
16	.90	1.0	5.5	2.6	9.8	12	2.3	1.4	5.6	1.4	.50	.50
17	.90	1.0	13	1.4	13	101	1.8	1.6	1.4	.60	.50	.50
18	.90	8.0	23	1.4	10	28	1.6	1.4	.70	.60	.50	.40
19	.90	15	10	1.4	8.2	13	5.1	1.4	.60	.50	2.7	.40
20	.90	7.2	11	1.4	6.9	9.4	2.8	3.4	.50	.50	1.8	.40
21	.90	2.8	8.6	1.2	6.5	8.2	1.6	1.6	.50	.40	.90	.40
22	.70	2.3	7.6	4.4	5.8	7.9	1.2	.90	.40	.50	.90	.40
23	.70	2.3	7.2	31	5.1	7.9	1.2	1.0	.40	.50	1.0	3.3
24	.60	12	7.5	21	54	21	.90	3.7	.70	4.9	.90	.70
25	.60	19	18	10	40	34	.70	1.6	.90	4.1	.70	.50
26	.60	6.2	9.0	6.5	15	123	31	1.4	.40	.60	.70	.40
27	.60	4.0	5.1	3.1	10	27	20	22	.40	.50	.90	.40
28	3.7	65	2.8	2.0	8.2	16	7.9	1.4	.40	.50	2.8	.40
29	1.8	14	2.3	2.0	-----	55	4.4	.70	.40	.40	.90	.40
30	1.4	5.4	3.4	1.8	-----	37	3.1	.50	.40	.40	.70	1.3
31	1.2	-----	4.4	1.2	-----	15	-----	.40	-----	.40	.60	-----
TOTAL	86.30 2.78	182.0 6.07	416.2 13.4	224.7 7.25	1,240.3 44.3	756.8 24.4	184.00 6.13	74.40 2.40	37.10 1.24	72.80 2.35	42.50 1.37	56.50 1.88
MAX	35	65	136	37	441	123	31	22	11	26	10	27
MIN	.60	1.0	2.1	1.2	2.6	2.8	.70	.40	.40	.40	.30	.40
CFSM	.40	1.31	2.1	1.7	9.59	5.8	1.33	.52	.27	.51	.41	.41
IN.	.69	1.47	3.35	1.81	9.98	6.09	1.48	.60	.30	.59	.34	.45
CAL YR 1964:	TOTAL	9,117.10		MEAN	11.2	MAX 224	MIN .50	CFSM 2.43	IN 33.14			
CAL YR 1965:	TOTAL	3,375.60		MEAN	9.24	MAX 441	MIN .40	CFSM 2.00	IN 27.16			

MOBILE RIVER BASIN

2-4340 Oldtown Creek at Tupelo, Miss

Location --Lat 34°17'40", long 88°42'35", in SW 1/4 sec 18, T 9 S, R 6 E, Chickasaw meridian, on left bank at downstream side of bridge on U S Highway 45, half a mile north of city limits of Tupelo, three-quarters of a mile upstream from Gulf, Mobile & Ohio Railroad bridge, and 4 miles upstream from Mud Creek

Drainage area --112 sq mi

Records available --October 1943 to September 1946, October 1951 to September 1965 Monthly discharge only for October 1943 to January 1944, published in WSP 1304

Gage --Water-stage recorder Datum of gage is 244 24 ft above mean sea level, datum of 1929 (levels by Mississippi State Highway Department) Feb. 9 to Aug 2, 1944, chain gage and Aug 3, 1944, to Sept 30, 1946, wire-weight gage, at site 2 1/2 miles downstream at different datum

Average discharge --17 years, 183 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge, water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Mar 8, 1961	2000	5,560	23 72	Mar 12, 1963	0700	8,400	25 00	Mar 26, 1965	1700	4,420	23 60
Apr 11, 1962	1300	17,800	26 56	Mar 15, 1964	0400	17,900	26 58				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Aug 14, 1961	0 60	a -0 23	1964	Sept 12, 13, 1964	0 10	-
1962	Many days	0	-	1965	Aug 5-7, 1965	b 20	-
1963	do	0	-				

a Occurred Oct 4, 1960
b Minimum daily

1943-46, 1951-65 Maximum discharge, 23,000 cfs Mar 21, 1955 (gage height, 27 72 ft), from rating curve extended above 12,000 cfs, no flow at times
Flood of Jan 3, 1951, reached a stage of 26 01 ft, present site and datum, from records of Corps of Engineers

Remarks --Records fair

Cooperation --Gage-height record and 54 discharge measurements furnished by Corps of Engineers

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.5	52	34	2,810	34	411	780	36	10	7.0	1.4	115
2	1.9	22	25	469	60	149	244	37	9.0	12	1.2	9.2
3	1.5	12	22	157	183	106	169	32	8.0	10	1.0	101
4	1.4	9.3	21	105	65	94	124	28	7.8	7.0	.90	81
5	311	7.9	20	86	48	380	100	25	6.7	6.0	.90	21
6	864	7.7	20	75	46	1,330	89	44	220	5.0	15	26
7	263	7.0	26	66	868	1,910	78	44	414	6.0	5.4	13
8	1,540	6.5	31	59	695	4,960	69	44	176	7.0	2.1	6.1
9	190	229	24	50	170	1,900	493	127	27	5.0	1.5	4.1
10	30	498	22	46	102	251	210	40	18	4.0	1.2	2.4
11	16	58	674	44	79	142	100	30	21	4.0	1.0	2.4
12	10	31	161	42	66	113	2,600	26	35	5.0	.90	5.0
13	7.7	21	54	42	57	951	663	27	16	7.0	.80	2.3
14	6.2	17	39	104	51	357	190	20	15	7.0	.70	30
15	6.0	14	41	177	47	135	133	277	15	5.0	1.410	6.9
16	5.3	350	42	83	44	98	128	43	12	5.0	453	2.5
17	4.6	162	32	58	55	131	88	25	10	7.0	16	1.6
18	4.0	45	27	52	2,570	2,050	74	22	10	6.0	6.1	1.4
19	46	30	25	371	1,650	347	66	19	10	4.0	7.4	1.2
20	111	23	107	185	2,390	425	61	17	28	4.0	7.9	1.0
21	13	20	176	76	4,590	1,120	55	15	44	10	4.6	1.0
22	7.4	30	40	47	1,900	246	51	14	18	7.0	2.6	.90
23	5.8	158	32	53	556	127	48	26	14	6.0	2.6	.90
24	4.7	64	35	47	228	95	45	33	12	12	6.0	.90
25	4.4	38	34	34	462	78	43	18	10	5.0	2.8	.90
26	3.8	30	33	45	214	70	72	21	9.0	2.6	2.3	.90
27	4.0	25	31	47	124	100	48	21	9.0	6.1	1.6	.90
28	3.7	25	28	34	1,280	3,010	41	16	8.0	2.8	1.5	.90
29	3.5	234	1,540	34	-----	1,820	37	14	7.0	27	1.2	.80
30	313	60	1,670	32	-----	2,510	36	13	6.0	2.8	1.1	.80
31	395	-----	1,730	32	-----	3,390	-----	11	-----	1.6	1.1	-----
TOTAL	4,180.4	2,286.4	6,796	5,562	18,634	28,806	6,935	1,165	1,205.5	205.9	1,961.80	442.00
MEAN	135	76.2	219	179	666	929	231	37.6	40.2	6.64	63.3	14.7
MAX	1,540	498	1,730	2,810	4,590	4,960	2,600	277	414	27	1,410	115
MIN	1.4	6.5	20	32	34	70	36	11	6.0	1.6	.70	.80
CFSM	1.20	.68	1.96	1.60	5.94	8.30	2.06	.34	.36	.06	.57	.13
IN.	1.39	.76	2.26	1.85	6.19	9.57	2.30	.39	.40	.07	.65	.15

CAL YR 1960: TOTAL 60,665.70 MEAN 166 MAX 4,410 MIN 0 CFSM 1.39 IN 28.46
MAY YR 1961: TOTAL 78,180.00 MEAN 214 MAX 4,960 MIN .70 CFSM 1.39 IN 28.46

2-4340 Oldtown Creek at Tupelo, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	60	.90	18	1,720	120	726	96	322	44	5.8	51	5.1
2	34	1.2	17	306	95	285	67	105	27	5.0	6.6	3.7
3	20	48	15	148	81	208	60	50	66	4.5	4.5	.80
4	6.5	78	15	104	74	164	58	37	270	4.0	4.0	.20
5		227	68	2,410	72	125	59	29	215	25	16	0
6	1.7	61	60	4,280	65	96	725	26	50	565	95	0
7	1.5	18	40	1,350	51	85	648	23	25	32	6.4	0
8	.90	10	24	296	70	101	216	22	18	11	3.2	0
9	.90	7.4	1,180	161	83	1,400	354	20	15	7.1	2.1	0
10	.90	5.9	3,570	120	60	772	160	18	12	5.1	1.3	.20
11	.90	5.7	2,570	100	45	1,130	9,710	16	12	4.2	1.0	0
12	.90	6.1	3,720	90	43	462	5,490	14	12	4.2	.70	0
13	.90	1,070	1,370	80	42	193	1,240	12	65	5.3	.40	0
14	.80	1,010	259	155	38	126	337	11	14	4.6	.40	.20
15	.80	498	233	2,650	186	106	231	10	8.8	3.9	.30	1.2
16	.80	1,510	677	796	842	87	159	8.0	7.3	3.5	.20	2.4
17	.80	252	4,420	202	151	73	133	6.6	6.6	3.0	.20	2.1
18	.80	60	4,950	151	903	66	115	5.6	5.6	2.5	.10	1.3
19	.80	41	1,520	305	1,070	66	97	5.1	5.4	2.0	0	.50
20	.80	28	309	157	190	65	81	4.6	5.6	2.0	0	0
21	.80	19	149	112	714	225	72	4.2	5.4	2.0	0	0
22	.80	56	113	115	1,150	77	66	3.7	4.5	7.0	0	0
23	.70	2,820	122	2,640	3,130	63	62	3.6	4.3	4.0	0	0
24	.70	1,270	87	943	1,490	56	58	3.5	4.0	2.0	.10	0
25	.70	151	66	1,460	1,790	379	57	3.2	387	5.6	.30	0
26	.70	69	58	1,280	2,420	235	55	2.9	73	7.9	.60	.50
27	.70	48	216	280	1,840	106	48	2.7	28	4.3	.20	.70
28	.70	34	197	2,240	2,520	84	72	2.6	14	3.7	0	.30
29	.70	26	77	489	76	72	72	2.7	9.4	4.3	0	.10
30	.70	21	55	233	---	71	55	120	7.5	2.7	0	.10
31	.80	---	607	153	---	172	---	362	---	9.3	.10	---
TOTAL	146.10	7,452.20	26,782	25,526	19,335	7,880	20,653	1,256.0	1,421.4	752.5	194.70	19.40
MEAN	4.71	315	864	823	691	254	688	40.5	47.4	24.3	6.28	.65
MAX	60	2,820	4,950	4,280	3,130	1,400	9,710	362	387	565	95	5.1
MIN	.70	.90	15	80	38	56	48	2.6	4.0	2.0	0	0
CFSM	.04	2.81	7.71	7.35	6.17	2.27	6.15	.36	.42	.22	.06	.006
IN.	.05	3.14	8.89	8.48	6.42	2.62	6.86	.42	.47	.25	.06	.006

CAL YR 1961: TOTAL 101,297.50 MEAN 278 MAX 4,960 MIN .70 CFM 2.48 IN 33.64
 MAY YR 1962: TOTAL 113,418.30 MEAN 311 MAX 9,710 MIN 0 CFM 2.77 IN 37.66

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.20	.20	1.3	4.2	14	51	14	186	34	14	150	5.0
2	.70	.20	1.7	3.6	27	50	13	74	25	11	60	3.0
3	.40	.30	1.7	3.2	86	25	12	50	20	10	39	2.5
4	.50	.40	1.3	2.9	23	19	11	39	18	10	28	141
5	.20	.40	1.8	2.6	15	1,160	9.8	31	15	9.4	22	41
6	0	.40	1.8	2.9	11	677	133	29	12	9.0	19	5.0
7	0	.50	1.7	3.1	8.6	88	207	23	10	8.8	16	3.0
8	0	.50	1.6	3.0	7.3	45	58	20	9.4	9.0	23	2.5
9	.90	.60	1.6	2.6	6.2	46	38	16	8.8	8.1	17	2.0
10	1.2	.70	1.4	3.1	5.8	49	28	14	8.6	7.5	14	2.0
11	.50	1.0	1.2	18	286	647	22	59	7.9	7.3	13	2.0
12	.20	4.2	1.1	11	98	5,230	18	378	7.3	7.3	12	2.5
13	.20	7.3	1.0	5.4	27	950	15	34	7.1	8.1	15	2.5
14	0	3.6	.90	3.5	20	154	13	21	6.6	36	12	2.5
15	.10	2.0	.90	3.0	14	85	13	16	5.8	17	10	2.0
16	.10	1.3	1.3	2.7	10	224	13	13	81	7.7	8.0	2.0
17	.10	1.4	1.7	2.9	9.8	219	12	12	360	1,950	7.0	1.9
18	.10	8.3	2.4	3.6	13	80	11	11	16	2,210	6.0	1.9
19	0	6.6	2.3	4.8	215	63	11	9.6	126	377	5.0	1.8
20	0	4.6	2.0	5.6	75	75	15	8.8	318	336	6.0	1.6
21	.20	3.0	4.8	4.5	30	41	13	8.1	160	557	5.0	1.2
22	.50	2.5	15	3.5	16	30	11	7.9	61	56	4.5	1.0
23	.50	2.0	6.7	3.9	15	29	9.0	7.7	45	34	4.0	.80
24	.20	1.9	5.3	4.0	17	27	7.7	7.3	2,280	27	3.5	.70
25	.20	1.9	10	3.9	15	26	35	231	652	332	3.5	.70
26	.20	1.8	11	4.2	12	34	58	1,070	66	39	3.5	.60
27	.20	1.4	8.1	5.1	9.4	27	23	1,000	79	75	4.0	.90
28	.20	1.3	6.4	5.1	8.8	22	183	1,530	80	131	4.0	.80
29	.20	1.6	14	4.8	19	2,750	608	32	107	22	1.0	0
30	.20	1.8	8.8	44	---	19	1,430	87	20	558	18	.90
31	.20	---	6.0	26	---	16	---	48	---	1,050	10	---
TOTAL	8.20	63.70	126.80	200.7	1,094.9	10,227	5,186.5	5,649.4	4,771.5	8,019.2	564.0	236.30
MEAN	2.6	2.12	4.09	6.47	39.1	330	173	182	159	259	18.2	7.88
MAX	1.2	8.3	15	44	286	5,230	2,750	1,530	2,280	2,210	150	141
MIN	0	.20	.90	2.6	5.8	16	7.7	7.3	5.8	7.3	3.5	.60
CFSM	.002	.02	.04	.06	.35	2.95	1.54	1.63	1.42	2.31	.16	.07
IN.	.003	.02	.04	.07	.36	3.40	1.72	1.88	1.58	2.66	.19	.08

CAL YR 1962: TOTAL 77,236.70 MEAN 212 MAX 9,710 MIN 0 CFM 1.89 IN 25.65
 MAY YR 1963: TOTAL 36,148.20 MEAN 99.0 MAX 5,230 MIN 0 CFM .88 IN 12.00

2-4340. Oldtown Creek at Tupelo, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.80	.70	3.0	18	69	46	70	69	21	3.0	7.4	1.5
2	.80	1.0	3.0	19	46	1,770	65	326	11	4.7	6.4	1.2
3	.90	1.2	2.8	28	37	1,540	62	310	8.0	27	6.2	1.1
4	.90	1.2	2.7	29	33	1,250	94	6.4	4.4	5.6	.80	
5	.90	2.7	2.4	21	306	2,710	1,260	63	5.9	2.9	6.5	.70
6	.80	2.6	2.3	261	904	324	4,140	47	5.4	2.4	4.6	.60
7	.70	2.0	2.2	288	230	164	907	38	5.3	13	3.4	.40
8	.70	1.5	3.6	206	95	197	193	32	5.2	7.2	2.7	.30
9	.70	1.1	4.3	2,700	65	280	123	41	4.8	4.6	9.5	.20
10	.60	.90	5.3	583	50	618	98	75	4.4	2.4	4.0	.30
11	.60	1.1	1,180	128	43	135	95	54	5.0	36	8.9	.20
12	.50	1.1	1,270	592	36	87	946	34	16	1,430	10	.10
13	.50	1.1	146	197	498	65	2,960	33	35	285	4.3	.10
14	.60	1.0	48	66	440	1,880	2,010	24	7.8	25	2.7	.20
15	.60	1.0	26	52	1,900	10,300	291	22	4.8	17	447	.20
16	.60	1.0	19	46	1,390	1,360	150	21	4.0	19	435	.20
17	.70	1.0	16	42	147	259	180	20	3.0	183	28	.40
18	.70	1.0	17	40	358	173	17	17	4.0	18	11	.60
19	.70	1.1	11	39	181	145	74	15	3.0	11	8.0	.70
20	.70	1.0	12	173	112	161	65	14	2.5	9.2	6.0	.80
21	.60	1.6	12	76	80	130	57	13	2.0	7.8	4.8	.70
22	.50	2.6	9.4	67	50	101	197	12	1.6	7.4	4.8	.70
23	.50	19	10	42	57	92	452	12	1.4	126	3.4	.70
24	.50	7.8	12	608	55	85	1,080	14	2.0	16	3.0	.60
25	.50	4.5	12	853	60	1,590	272	11	1.5	11	2.7	.70
26	.50	2.7	17	155	63	2,330	535	10	1.5	16	3.4	.80
27	.40	2.3	56	77	51	342	2,020	9.0	1.9	15	7.6	1.0
28	.40	2.4	38	55	222	154	335	8.0	1.2	9.6	3.6	.25
29	.40	4.3	25	42	76	116	133	7.5	.90	7.4	2.7	.29
30	.40	3.8	20	38	-----	86	89	7.0	1.0	6.4	2.0	8.9
31	.40	-----	15	46	-----	75	-----	7.0	-----	6.5	1.9	-----
TOTAL	19.10	76.30	3,003.0	7,570	7,671	28,565	20,317	1,459.5	177.50	2,333.9	1,057.1	78.70
MEAN	.62	2.54	96.9	244	265	921	677	47.1	5.92	75.3	34.1	2.62
MAX	.90	19	1,270	2,700	1,900	10,300	4,140	326	35	1,430	447	29
MIN	.40	.70	2.2	18	33	46	57	7.0	.90	2.4	1.9	.10
CFSM	.006	.02	.86	2.18	2.36	8.23	6.05	.42	.05	.67	.30	.02
IN.	.006	.03	1.00	2.51	2.55	9.49	6.75	.48	.06	.77	.35	.03

CAL YR 1963: TOTAL 32,921.70 MEAN 197 MAX 10,300 MIN .10 CFSM 1.78 IN 12.82

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.4	2.0	21	36	57	858	196	18	2.8	1.3	.50	1.7
2	2.6	1.7	18	148	93	1,200	152	16	2.5	1.3	.40	1.3
3	1.9	1.5	29	606	42	500	46	4	2.3	1.0	.30	1.0
4	1.9	1.5	383	36	200	774	12	12	.90	.30	.90	
5	2.2	1.5	66	70	34	120	269	12	1.9	4.2	.20	1.0
6	1.7	1.5	30	55	36	130	178	11	7.9	3.1	.20	1.0
7	1.6	1.9	22	47	62	110	141	19	1.6	1.6	.20	.80
8	1.2	3.6	19	41	223	90	120	10	6.8	1.3	1.2	.80
9	.90	4.8	17	75	1,640	80	104	9.2	78	1.9	2.9	.70
10	.70	4.4	16	1,650	1,880	70	83	8.9	45	.80	29	.70
11	.60	3.7	794	382	2,600	67	74	9.2	18	.70	1.3	6.6
12	.60	3.1	929	136	2,770	412	68	9.2	19	.60	1.0	13
13	.70	3.3	161	93	559	217	54	8.9	7.6	.60	.80	4.2
14	.70	3.3	68	66	200	110	48	8.6	5.2	.50	.60	2.0
15	1.0	3.6	43	56	136	97	50	8.1	5.6	10	.50	1.3
16	1.6	4.1	35	64	109	210	112	12	4.5	5.4	.40	1.3
17	1.5	4.0	116	39	95	759	46	81	4.3	.90	.30	1.0
18	1.3	19	357	40	83	354	40	18	3.2	.50	.30	.90
19	1.2	198	70	37	72	116	57	11	2.7	.40	1.0	.70
20	.90	62	134	35	62	80	46	8.6	2.2	.40	2.5	.60
21	.90	15	125	34	58	65	34	7.3	1.9	.40	.60	.60
22	.70	9.4	74	38	52	60	30	6.1	1.7	.40	.30	.80
23	.70	7.6	62	278	48	57	29	5.4	2.4	.30	18	140
24	.70	8.7	93	184	878	407	27	4.7	13	.40	87	11
25	.70	38	1,180	99	1,570	1,160	24	4.0	4.2	4.8	50	6.3
26	.70	20	253	64	304	3,800	24	3.4	2.8	22	5.4	2.8
27	.70	12	110	41	220	1,700	64	15	2.1	8.9	2.8	2.1
28	2.3	865	68	36	145	325	30	7.9	1.7	1.6	132	1.7
29	6.9	138	54	35	-----	1,270	24	5.8	1.5	.90	28	1.4
30	5.9	35	46	34	-----	1,520	20	4.5	1.4	.70	4.8	2.2
31	3.1	-----	41	30	-----	349	-----	3.2	-----	.60	2.5	-----
TOTAL	52.50	1,477.2	5,434	4,674	14,064	16,493	3,419	364.0	273.4	78.40	375.30	210.40
MEAN	1.69	49.2	175	151	502	532	114	11.7	9.11	2.53	12.1	7.01
MAX	6.9	865	1,180	1,650	2,770	3,800	774	81	78	22	132	140
MIN	.60	1.5	26	30	54	57	20	3.2	1.4	.30	.20	.60
CFSM	.02	.44	1.57	1.35	4.48	4.75	1.02	.10	.08	.02	.11	.06
IN.	.02	.49	1.80	1.55	4.67	5.48	1.14	.12	.09	.03	.12	.07

CAL YR 1964: TOTAL 76,193.40 MEAN 208 MAX 10,300 MIN .10 CFSM 1.86 IN 25.30
WAT YR 1965: TOTAL 46,913.20 MEAN 129 MAX 3,800 MIN .20 CFSM 1.15 IN 15.58

2-4342 5 Tishomingo Creek near Saltillo, Miss

Location --Lat 34°24'30", long 88°45'10", on line between secs 2 and 11, T 8 S, R 5 E, Chickasaw meridian, near left bank at downstream side of bridge on county highway, 1 0 mile east of Birmingham, and 4½ miles northwest of Saltillo

Drainage area --17 1 sq mi

Records available --July 1949 to September 1963 (discontinued)

Gage --Water-stage recorder Altitude of gage is 305 ft (from topographic map)

Average discharge --14 years, 30 2 cfs

Extremes --Maximum discharges for water years 1950-63 are contained in the following table

Water year	Date	Discharge (cfs)	Gage height (feet)	Water year	Date	Discharge (cfs)	Gage height (feet)
1950	June 3, 1950	3,680	7 65	1957	June 4, 1957	2,880	8 55
1951	Mar 28, 1951	4,790	8 61	1958	Nov 14, 1957	2,050	10 20
1952	Dec 25, 1951	3,270	7 65	1959	June 9, 1959	b 1,840	9 35
1953	Feb 20, 1953	3,420	7 84	1960	Mar 2, 1960	1,789	9 12
1954	Jan 21, 1954	2,150	7 20	1961	Mar 8, 1961	1,960	9 85
1955	Mar 21, 1955	4,580	a 10 58	1962	Apr 11, 1962	4,010	10 65
1956	-	-	-	1963	July 17, 1963	4,920	11 50

a From floodmark

b Maximum recorded

1949-63 Maximum discharge, 4,920 cfs July 17, 1963, no flow at times each year

Remarks --Records fair except those for periods of no gage-height record, which are poor

Cooperation --Gage height record, discharge measurements, and computations of daily discharge furnished by Corps of Engineers, occasional discharge measurements made and records reviewed by Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, JULY TO SEPTEMBER 1949

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1										-	1.2	.20
2										-	1.2	0
3										-	1.2	6.9
4										-	1.2	4.2
5										-	.90	12
6										-	.90	5.1
7										-	2.4	1.4
8										-	1.8	.70
9										-	.50	.10
10										-	0	.20
11										-	2.2	.10
12										-	2.7	.20
13										-	2.0	0
14										-	1.2	0
15										-	1.2	0
16										-	1.2	3.2
17										-	.90	3.7
18										-	.90	22
19										-	16	14
20										.80	4.2	2.0
21										50	.80	.70
22										40	.40	.30
23										10	.30	0
24										2 4	10	0
25										2 9	10	0
26										2 7	1.2	0
27										1 0	.50	0
28										1 4	.20	0
29										3 7	5.1	0
30										4 5	11	0
31										2 7	2.0	
TOTAL										-	85.30	77.00
MEAN										-	2.75	2.57
MAX										-	16	22
MIN										-	0	0
CFSM										-	.16	.15
IN.										-	.19	.17

MOBILE RIVER BASIN

2-4342 5 Tishomingo Creek near Saltillo, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1949 TO SEPTEMBER 1950												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	11	2.0	5.8	225	89	15	24	2.0	.10	1.0	59
2	0	4.2	1.4	1.6	14	33	14	24	4.6	.10	3.2	620
3	0	4.5	1.8	32	64	21	13	25	854	0	3.4	48
4	.20	3.6	1.8	41	34	12	12	13	45	0	1.2	19
5	8.2	3.2	2.0	1,450	25	11	11	9.4	14	.10	.90	9.4
6	26	2.9	2.0	345	22	11	8.3	6.2	9.4	.80	.80	7.3
7	2.7	2.9	2.6	60	23	10	7.3	3.2	6.2	.40	.30	10
8	1.2	2.9	2.2	32	21	12	6.9	15	5.8	.20	.20	15
9	.90	2.6	1.4	25	131	8.3	6.2	7.3	8.8	.30	260	29
10	.50	2.4	2.2	307	30	7.8	6.9	4.2	238	0	7.8	20
11	.40	2.4	39	53	20	42	15	3.2	13	.10	3.2	59
12	5.4	3.2	85	589	20	1,210	2.9	2.9	6.9	1.2	1.6	32
13	4.5	29	177	209	1,050	342	5.8	9.0	4.5	.60	.90	55
14	2.2	7.3	21	166	242	56	5.1	188	3.6	.40	1.0	24
15	1.2	5.1	10	46	40	42	4.8	19	3.2	281	75	11
16	1.0	3.9	6.9	240	19	32	4.8	13	2.9	29	29	8.8
17	.60	3.4	7.3	290	14	22	8.3	7.3	2.2	32	2.4	6.5
18	.50	2.9	97	83	13	12	10	6.2	1.8	7.8	1.4	5.4
19	.50	3.2	21	63	13	38	8.3	8.8	1.4	3.9	.80	5.1
20	.40	2.9	12	31	13	164	8.3	8.3	1.4	2.6	.50	11
21	.60	2.6	10	24	12	27	6.9	5.1	1.4	1.8	.40	8.2
22	5.8	2.6	21	20	176	14	8.3	4.2	1.4	1.2	.20	12
23	2.0	2.6	9.4	19	21	13	5.1	3.2	1.6	1.2	.10	4.5
24	1.0	2.9	4.5	17	17	17	5.8	2.6	1.2	2.0	.20	3.4
25	17	4.2	7.3	15	16	116	6.2	2.6	.80	2.0	125	2.6
26	5.1	2.6	8.8	12	15	17	4.8	3.2	.40	5.1	7.4	2.9
27	1.8	2.2	15	26	15	402	3.7	2.9	.30	2.2	1.8	4.2
28	.90	2.9	9.4	14	293	48	3.9	2.0	.20	8.1	4.0	5.1
29	.50	2.6	7.3	15	-----	23	4.5	2.2	.10	3.4	113	3.9
30	100	1.6	6.2	130	-----	17	6.2	5.1	.10	3.7	41	3.9
31	55	-----	5.4	180	-----	15	-----	3.6	-----	2.2	666	-----
TOTAL	246.10	130.1	600.1	4,561.8	2,977	2,884.1	266.1	488.5	1,272.30	393.50	1,422.50	1,105.2
MEAN	7.94	4.34	19.4	147	106	93.0	8.87	15.8	42.4	12.7	45.9	36.8
MAX	100	177	1,450	1,050	1,210	1,210	100	188	854	281	666	620
MIN	0	1.6	1.4	12	7.8	3.7	2.0	0	1.0	2.0	2.0	2.0
CFSM	.46	.25	1.13	8.61	6.22	5.44	.52	.92	2.48	.74	2.68	2.15
IN.	.54	.28	1.31	9.92	6.47	6.27	.58	1.06	2.77	.86	3.09	2.40
CAL YR 1949: TOTAL 16,347.30 MEAN 44.8 MAX 1,450 MIN 0 CFSM IN 35.55												

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1950 TO SEPTEMBER 1951												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.2	2.2	10	5.4	30	5.8	32	11	.80	42	.10	0
2	2.6	8	125	9.4	8	2.6	104	9.5	.17	22	0	0
3	2.6	94	306	2,520	10	5.8	40	11	.50	122	2.3	0
4	2.0	28	35	103	8.0	32	28	8.7	.40	20	.70	0
5	2.0	12	159	47	6.0	74	23	6.7	.50	6.7	0	0
6	2.0	8.3	452	34	662	65	22	5.8	.50	4.3	0	0
7	2.0	6.9	52	40	444	97	175	5.2	.50	4.6	0	0
8	2.6	6.5	29	5.4	14	40	59	5.2	.40	2.8	0	0
9	2.6	5.8	26	6.2	15	26	29	5.2	.80	3.1	0	0
10	2.2	4.8	19	5.8	78	22	22	5.2	.40	4.9	0	0
11	2.2	4.5	18	6.2	61	46	90	4.3	.40	2.2	0	0
12	2.0	3.6	16	104	46	50	102	4.0	.30	1.4	0	0
13	1.4	3.9	15	7.1	34	34	24	3.7	.30	.80	0	0
14	1.4	3.9	14	7.3	23	22	21	4.0	.10	.80	0	0
15	1.4	4.2	12	8.0	54	17	17	3.7	0	5.9	0	0
16	1.4	141	11	7.0	173	13	15	3.4	2.8	2.0	0	0
17	1.2	16	9.7	6.2	7.7	17	12	3.4	5.5	1.0	0	0
18	1.2	10	8.3	5.5	5.0	201	14	3.4	8.0	.50	0	0
19	.90	9.4	7.8	5.4	250	243	20	3.4	8.2	.30	0	0
20	.90	562	6.9	5.3	120	56	16	3.4	117	.10	0	0
21	32	31	6.5	5.4	326	35	196	2.5	7.3	0	0	0
22	97	19	6.5	5.2	38	27	96	2.2	3.1	.10	0	0
23	8.3	12	6.5	5.1	25	25	34	4.6	1.4	.10	0	0
24	5.1	13	6.5	5.1	18	19	25	2.0	8.7	0	0	0
25	3.9	12	6.2	5.1	15	17	21	1.8	5.8	0	0	0
26	3.4	12	5.8	5.1	12	16	26	1.6	2.5	0	0	0
27	3.4	16	4.8	5.1	9.5	149	35	1.0	1.8	4.2	0	0
28	3.2	12	4.8	97	8.7	2,680	20	.80	1.4	.40	0	.30
29	2.6	8.3	6.5	42	-----	265	14	.80	1.6	3.7	0	0
30	2.6	9.4	5.8	5.4	13	56	13	.80	24	1.0	0	0
31	2.4	-----	4.8	1,100	-----	36	-----	.80	-----	.50	0	-----
TOTAL	201.70	1,200.7	1,280.8	4,295.3	2,512.9	4,397.1	1,347	129.10	205.70	297.00	3.10	0.30
MEAN	6.51	40.0	41.3	139	89.7	142	44.9	4.16	6.86	9.58	.10	.010
MAX	97	562	452	2,520	104	2,680	196	11	117	122	2.3	.30
MIN	2.90	2.2	4.8	5.1	5.0	5.0	12	.80	0	0	.006	.0005
CFSM	.38	2.34	2.42	8.10	5.25	8.29	2.63	.40	.56	.006	.0005	.0006
IN.	.44	2.61	2.79	9.34	5.47	9.56	2.93	.28	.45	.65	.007	.0006
CAL YR 1950:	TOTAL 18,054.20		MEAN 49.5		MAX 1,450		MIN 0		CFSM 2.89		IN 39.27	
CAL YR 1951:	TOTAL 15,870.70		MEAN 43.5		MAX 2,680		MIN 0		CFSM 2.54		IN 34.52	

2-4342 5 Tishomingo Creek near Saltillo, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1951 TO SEPTEMBER 1952

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	2.8	.80	14	21	19	67	4.9	3.1	0	0	0
2	0	.70	.70	11	206	18	32	4.3	3.1	0	0	0
3	0	.10	6.1	4.7	83	82	21	3.4	2.8	0	0	0
4	0	0	29	26	53	43	28	3.1	2.5	0	0	0
5	0	0	4.3	25	32	19	17	2.8	3.1	0	0	0
6	0	1.4	2.2	11	23	14	13	2.5	5.5	0	0	0
7	0	2.2	130	8.7	18	12	11	2.5	3.7	0	1.3	0
8	0	.50	548	9.5	15	12	9.5	3.1	3.1	.80	.30	0
9	0	.10	80	499	12	11	8.7	3.1	1.8	.30	8.5	0
10	0	0	25	120	10	720	7.3	5.5	1.6	1.0	1.2	0
11	0	0	11	36	8.7	168	7.3	4.3	1.4	.10	0	0
12	0	.10	5.5	27	15	44	44	1.0	1.0	0	0	0
13	0	1.8	4.3	20	15	29	94	1.6	.70	0	0	0
14	0	42	1,070	18	22	20	30	1.8	.40	0	0	0
15	0	3.6	90	24	11	17	17	1.2	.20	0	0	0
16	0	15	25	24	23	14	13	1.0	.10	0	0	0
17	0	1.4	17	18	18	9.5	10	1.4	0	0	0	0
18	0	.40	61	14	10	130	8.7	62	0	0	0	0
19	0	.30	22	12	9.5	44	8.0	7.3	0	0	7.4	0
20	0	.30	897	15	112	23	7.3	6.7	7.7	0	.30	0
21	0	.40	104	156	29	113	6.7	4.0	2.2	0	0	0
22	0	.40	30	547	18	264	6.2	6.2	.80	0	0	0
23	0	.40	22	48	310	62	35	40	.30	0	0	0
24	0	5.2	18	26	46	35	202	90	.10	0	0	0
25	0	6.2	513	23	23	24	36	7.2	0	0	0	0
26	0	2.8	839	22	221	18	23	5.2	0	0	0	0
27	0	2.8	49	797	53	14	13	3.7	0	0	0	0
28	.70	2.8	32	96	34	12	9.5	4.3	0	0	0	0
29	.50	1.8	26	40	28	10	6.7	3.7	0	0	0	0
30	.70	1.2	22	26	-----	8.7	5.2	3.5	0	0	0	0
31	36	-----	17	21	-----	247	-----	3.3	-----	0	-----	-----
TOTAL	37.90	96.70	4,700.90	2,742.9	1,479.2	2,256.2	797.1	295.8	45.20	2.20	19.00	0
MEAN	1.22	3.22	152	88.5	51.0	72.8	26.6	9.54	1.51	.071	.61	0
MAX	36	42	1,070	797	310	720	202	90	7.7	1.0	8.5	0
MIN	0	0	.70	8.7	8.7	8.7	5.2	1.0	0	0	0	0
CFSM	.07	.19	8.87	5.17	2.98	4.26	1.55	.56	.09	.004	.04	0
IN.	.08	.21	10.22	5.97	3.22	4.91	1.73	.64	.10	.005	.04	0

CAL YR 1951: TOTAL 18,023.00 MEAN 49.4

MAY YR 1952: TOTAL 12,473.10 MEAN 34.1

MAX 2,680 MIN 0 CFSM 2.89 IN 39.20

MAX 1,070 MIN 0 CFSM 1.99 IN 27.13

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1952 TO SEPTEMBER 1953

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	.40	1.8	34	37	13	28	2.1	.40	.40	0
2	0	0	34	2.1	12	132	9.6	14	1.8	.40	.30	0
3	0	0	10	1.1	9.1	317	9.1	10	1.5	0	.20	0
4	0	0	25	6.40	6.3	378	7.9	18.6	2.0	0	.70	0
5	0	0	8.7	.30	5.9	41	6.7	62	2.0	0	.70	0
6	0	0	3.6	.40	685	26	238	27	2.0	0	.50	0
7	0	0	3.0	.50	29	17	36	81	1.6	0	0	0
8	0	0	2.0	13	13	13	19	36	1.3	0	0	0
9	0	0	1.0	88	8.7	10	14	10	1.1	0	0	0
10	0	.80	5.6	17	8.5	10	10	12	1.1	0	0	0
11	0	.20	2.4	5.5	1,200	13	8.7	27	1.0	0	0	0
12	0	.10	1.3	2.7	259	41	644	13	.90	0	0	0
13	0	.10	.90	2.4	34	39	29	10	.90	0	0	0
14	0	0	.50	1.8	20	1,030	15	27	.80	0	0	0
15	0	0	.30	2.1	61	107	21	41	.70	0	0	0
16	0	0	.30	1.3	21	37	12	125	.50	0	0	0
17	0	0	.30	39	12	31	10	73	.40	4.6	0	0
18	0	.40	.20	12	10	162	123	27	.30	.50	0	0
19	0	9.9	.50	5.5	33	31	21	173	.20	5.6	0	0
20	0	2.1	.20	14	1,020	18	10	36	.10	15	0	0
21	0	.20	.30	13	269	13	9.6	18	.20	1,050	0	0
22	0	.10	.30	4.7	32	639	8.3	12	.20	39	0	0
23	0	0	.20	228	17	242	7.1	10	.20	12	0	0
24	0	0	.20	32	119	38	592	8.7	0	6.7	0	0
25	0	0	0	9.1	47	20	146	7.1	0	3.6	0	0
26	0	.80	0	7.1	28	16	27	5.9	0	3.0	0	0
27	0	1.5	0	5.5	17	14	13	4.7	.10	1.8	0	0
28	0	.30	0	5.9	12	10	11	4.7	.40	1.5	0	0
29	0	.20	0	4.3	-----	9.6	287	3.6	.70	.90	0	0
30	0	.10	.10	5.0	-----	9.1	184	3.3	.10	.70	0	0
31	0	-----	3.6	182	-----	15	-----	2.7	-----	.50	0	-----
TOTAL	0	16.80	104.90	707.50	4,022.5	3,515.7	2,542.0	1,112.7	24.20	1,146.20	2.80	0
MEAN	0	.56	3.38	22.8	144	113	84.7	35.9	.81	37.0	.090	0
MAX	0	9.9	34	228	1,200	1,030	644	183	2.1	1,050	.70	0
MIN	0	0	0	.30	5.9	9.1	6.7	2.7	0	0	0	0
CFSM	0	.03	.20	1.33	8.40	6.63	4.96	2.10	.05	2.16	.005	0
IN.	0	.04	.23	1.54	8.75	7.65	5.53	2.42	.05	2.49	.006	0

CAL YR 1952: TOTAL 7,759.30 MEAN 21.2

MAY YR 1953: TOTAL 13,195.30 MEAN 36.2

MAX 797 MIN 0 CFSM 1.24 IN 16.88

MAX 1,200 MIN 0 CFSM 2.11 IN 28.70

2-4342 5 Tishomingo Creek near Saltillo, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1953 TO SEPTEMBER 1954												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	0	1.8	2.2	14	16	3.6	1.0	0	0	0
2	0	0	0	1.5	2.2	17	8.6	50	1.3	0	0	0
3	0	0	.40	1.1	1.8	7.0	5.8	64	5.2	0	0	0
4	0	0	.20	1.1	1.3	5.2	4.6	18	.80	0	0	0
5	0	0	1.2	.70	1.3	5.8	5.8	10	.30	0	0	0
6	0	0	78	.20	1.1	5.2	9.4	7.0	.20	0	0	0
7	0	0	5.8	.40	1.0	4.1	10	5.8	.10	0	0	0
8	0	0	3.1	.40	1.0	3.6	11	3.1	.10	0	0	0
9	0	0	15	.40	1.0	5.2	5.2	.10	0	0	0	0
10	0	0	4.6	7.0	19	4.6	4.6	2.2	0	0	0	0
11	0	0	2.2	6.4	5.2	5.2	176	1.8	0	0	0	0
12	0	0	1.8	3.1	4.6	5.2	37	2.2	0	0	0	0
13	0	0	1.8	2.2	3.6	2.5	17	24	0	0	0	0
14	0	0	1.8	5.8	4.6	2.2	15	7.0	0	0	0	0
15	0	0	2.8	246	5.8	1.5	11	4.1	0	0	0	0
16	0	0	2.2	46	5.2	1.5	89	2.5	0	0	0	0
17	0	0	1.8	5.2	2.5	2.5	25	1.8	0	0	0	0
18	0	0	1.0	3.6	4.6	2.8	16	1.5	0	0	0	0
19	0	0	.60	3.1	114	15	10	1.3	0	.10	0	0
20	0	0	.50	157	616	7.0	7.0	1.3	0	.10	0	0
21	0	0	1.0	608	32	2.8	5.8	1.1	0	16	0	0
22	0	0	1.3	620	19	3.1	4.1	1.3	0	24	0	0
23	0	0	1.1	117	18	3.1	2.8	1.3	0	8.3	0	0
24	0	0	1.0	42	19	3.6	2.5	1.1	0	.30	0	0
25	0	0	.70	18	13	4.1	2.2	1.0	0	.10	0	0
26	0	0	.40	12	8.6	3.1	2.0	.80	0	.10	0	0
27	0	0	.40	22	24	2.5	2.0	.70	0	0	0	0
28	0	0	17	12	50	2.2	2.5	.80	0	0	0	0
29	0	0	7.8	7.0	-----	1.8	21	1.0	0	0	0	0
30	0	0	3.6	5.8	-----	24	5.8	.80	0	0	0	0
31	0	0	2.8	2.8	-----	61	-----	.80	-----	0	0	0
TOTAL	0	0	161.90	1,959.60	981.6	228.4	534.7	224.40	9.10	49.00	0	0
MEAN	0	0	5.22	63.2	35.1	7.37	17.8	7.24	.30	1.58	0	0
MAX	0	0	78	620	616	61	176	64	5.2	24	0	0
MIN	0	0	0	.20	1.0	1.5	2.0	.70	0	0	0	0
CFSM	0	0	.31	3.70	2.05	.43	1.04	.42	.02	.09	0	0
IN.	0	0	.35	4.26	2.13	.50	1.16	.49	.02	.11	0	0

CAL YR 1953: TOTAL 13,235.50 MEAN 36.3 MAX 1,200 MIN 0 CFSM 2.12 IN 28.79
 MAY YR 1954: TOTAL 4,148.70 MEAN 11.4 MAX 620 MIN 0 CFSM .66 IN 9.02

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1954 TO SEPTEMBER 1955												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	.20	1.0	.80	3.8	4.1	4.5	1.1	1.2	.40	0
2	0	0	.10	.60	.30	3.2	12	3.8	.90	.80	.30	0
3	0	0	.10	.60	.20	3.2	5.0	3.8	.80	.50	.30	0
4	0	.20	0	.60	.30	2.9	4.5	3.2	.80	.80	.70	0
5	0	.10	.10	.50	8.0	4.5	156	2.9	1.1	.20	.90	0
6	0	.10	0	.50	184	65	43	2.3	7.2	70	1.0	0
7	0	.10	.20	.10	18	15	70	2.0	60	3.5	1.2	0
8	0	0	.40	.20	5.2	7.2	12	1.4	2.9	1.8	10	0
9	0	0	3.1	.20	2.8	8.5	7.2	1.4	2.0	.90	15	0
10	0	0	1.8	4.1	1.8	6.0	28	1.4	3.8	.90	1.6	0
11	0	0	.60	2.0	1.5	5.0	154	1.2	11	.70	1.4	0
12	0	0	1.0	.60	.80	4.5	467	2.3	2.6	.80	1.1	0
13	0	0	.40	.30	.80	4.1	487	2.0	1.6	1.1	.80	0
14	0	0	.50	.30	.60	4.1	16	1.4	72	1.4	.50	0
15	0	0	.30	2.0	1.0	4.1	4.1	1.2	43	72	.20	0
16	0	0	.20	2.3	.70	102	1.8	1.1	4.5	19	1.1	0
17	0	0	.10	.60	2.2	20	.80	.80	2.6	31	.20	0
18	0	0	.10	20	2.8	9.2	.50	.70	2.5	16	.20	0
19	0	0	.20	36	1.5	187	.30	.60	2.4	2.3	.20	0
20	0	0	.20	12	6.0	134	.20	.50	2.3	2.0	.10	0
21	0	0	.20	265	422	3,310	253	136	1.8	1.8	.10	0
22	0	0	.20	22	125	161	35	110	1.6	1.6	.10	0
23	0	0	.10	4.1	26	18	20	9.2	4.1	1.8	0	0
24	0	0	.20	1.8	13	11	158	7.8	1.6	1.8	0	0
25	0	0	.20	.80	9.9	8.5	19	4.5	.90	7.2	0	0
26	0	0	.30	.40	5.5	7.2	13	3.2	6.0	7.8	0	0
27	1.9	0	.40	.20	.20	6.0	12	3.6	4.5	2.3	0	0
28	0	.20	171	.20	5.5	5.5	11	59	3.5	1.6	0	0
29	.10	.20	30	.30	-----	5.5	6.6	22	2.6	1.1	0	0
30	0	.20	2.3	.20	-----	5.0	5.5	1.6	1.8	.90	0	0
31	0	-----	.80	.30	-----	3.5	-----	1.4	-----	.60	0	0
TOTAL	2.20	1.10	215.30	379.90	851.20	4,134.5	2,004.60	395.80	253.50	254.90	37.60	0
MEAN	.071	.037	6.95	12.3	30.4	133	66.8	12.8	8.45	8.22	1.21	0
MAX	1.9	.20	171	265	422	3,310	487	136	72	72	15	0
MIN	0	0	0	.10	.20	2.9	.20	.50	.80	.20	0	0
CFSM	.004	.002	.41	.72	1.78	7.80	3.91	.75	.49	.48	.07	0
IN.	.005	.002	.47	.83	1.85	8.99	4.36	.86	.55	.55	.08	0

CAL YR 1954: TOTAL 4,205.40 MEAN 11.5 MAX 620 MIN 0 CFSM .67 IN 9.15
 MAY YR 1955: TOTAL 8,530.50 MEAN 23.4 MAX 3,310 MIN 0 CFSM 1.37 IN 18.55

Note --No gage-height record Mar 20-26

2-4342 5 Tishomingo Creek near Slatillo, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1955 TO SEPTEMBER 1956

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	.10	.80	22	6.6	3.6	76	2.9	1.2	0	0
2	0	0	.10	.80	268	26	3.5	84	3.8	.80	0	0
3	0	0	25	.70	414	15	200	61	1.2	.90	0	0
4	0	0	.26	.70	518	11	450	35	1.2	1.0	0	0
5	0	0	1.4	.60	54	9.9	60	16	.90	2.0	0	1.2
6	0	0	.80	.70	29	8.5	500	15	.90	9.2	0	4.1
7	0	0	.70	.60	13	11	20	13	.60	3.5	0	2.0
8	0	0	.40	.60	20	17	16	9.2	.60	2.0	0	.10
9	0	0	.10	.50	29	7.2	14	6.6	.30	1.2	0	.10
10	0	0	.10	.30	23	6.6	324	5.0	.30	.80	0	0
11	0	0	.10	.20	49	6.6	166	4.1	.20	.30	3.3	0
12	0	0	.10	.10	15	5.0	27	3.8	.20	.20	2.3	0
13	0	0	.10	0	11	137	16	3.8	.30	.20	.20	0
14	0	0	.10	0	9.9	94	16	3.5	1.1	.30	.10	0
15	0	0	.10	.20	27	68	275	3.8	84	2.6	0	0
16	0	0	.10	.20	119	92	70	3.5	22	4.1	0	0
17	0	0	.70	.10	348	20	18	3.2	4.5	1.6	0	0
18	0	0	3.7	.20	788	15	16	2.9	1.4	.60	0	0
19	0	0	1.6	.90	42	11	12	2.3	.80	38	0	0
20	0	0	.90	1.4	32	9.2	11	2.3	.70	169	3.8	0
21	0	0	.90	.70	16	9.2	11	2.6	.60	8.6	.30	0
22	0	0	.80	.50	13	9.9	11	2.3	.30	32	.20	0
23	0	0	.80	4.3	9.9	8.5	11	2.5	.30	2.0	.10	1.3
24	0	0	1.2	6.6	22	4.5	11	2.3	.20	37	0	4.5
25	0	0	.90	1.6	24	4.4	9.9	2.8	.20	5.5	0	.90
26	0	0	.70	.90	13	4.3	9.9	3.1	.30	1.0	0	.50
27	0	0	.70	1.0	11	4.2	11	2.9	38	.50	0	.10
28	0	0	.60	4.5	6.6	4.1	11	2.9	.80	.30	0	.10
29	0	0	.50	4.5	6.6	4.0	11	2.0	12	.10	.20	0
30	0	0	.50	55	-----	3.9	736	1.2	3.8	.10	.10	0
31	0	0	.50	3.8	-----	3.6	-----	1.2	-----	0	0	-----
TOTAL	0	0	70.30	93.00	2,953.0	637.2	3,050.9	379.8	184.40	326.60	10.60	14.90
MEAN	0	0	2.27	3.00	102	20.6	102	12.3	6.15	10.5	.34	.50
MAX	0	0	26	55	788	137	736	84	84	169	3.8	4.5
MIN	0	0	.10	0	6.6	3.6	3.5	1.2	.20	0	0	0
CFSM	0	0	.13	.18	5.95	1.20	5.95	.72	.34	.62	.02	.03
IN.	0	0	.15	.20	6.42	1.39	6.64	.83	.40	.71	.02	.03

CAL YR 1955: TOTAL 8,382.20

MEAN 23.0

MAX 3,310

MIN 0

CFSM 1.34

IN 18.23

WAT YR 1956: TOTAL 7,720.70

MEAN 21.1

MAX 788

MIN 0

CFSM 1.23

IN 16.79

Note --No gage-height record Feb 4, 19, Mar 25 to Apr 7

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1956 TO SEPTEMBER 1957

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	2.0	0	.30	1,180	25	125	3.3	.50	1,020	.80	.50
2	0	1.1	0	.50	79	21	27	7.0	42	368	.50	.50
3	.80	.30	0	.30	19	14	9.9	100	227	9.50	3.0	0
4	.10	0	0	737	65	17	436	3.0	940	18	.50	1.4
5	0	0	0	50	40	14	34	2.3	204	10	.30	.50
6	0	.10	0	17	55	30	14	2.7	72	6.0	.10	0
7	0	1.4	0	12	51	33	11	3.3	19	4.5	0	0
8	0	.50	0	7.1	31	49	142	3.3	29	3.0	0	0
9	0	0	0	6.0	28	32	27	3.3	174	2.3	0	.10
10	0	0	0	4.1	21	18	14	3.0	444	1.4	0	0
11	0	0	.30	3.0	14	16	10	3.0	66	.50	0	7.1
12	0	0	79	3.3	13	117	7.6	2.7	21	.30	0	5.0
13	0	0	593	3.3	12	22	7.6	2.3	18	.10	.10	2.0
14	0	0	13	3.3	12	18	6.5	2.7	20	0	.10	2.0
15	0	0	5.5	3.0	48	14	6.5	1.7	8.2	.10	.10	14
16	0	0	2.7	4.1	44	10	7.1	.80	6.0	1.1	.10	4.5
17	0	0	2.3	5.5	17	10	6.5	.30	5.0	1.4	.10	.80
18	0	0	2.7	2.7	17	14	5.5	1.1	7.6	.80	42	.10
19	0	0	1.7	2.0	445	42	6.5	2.3	10	1.1	2.0	1.1
20	0	2.3	2.3	2.7	44	12	5.0	1.7	3.3	1.1	1.1	34
21	6.1	4.5	30	4.1	30	17	13	.80	3.3	.80	1.1	4.1
22	4.1	1.4	94	169	23	20	12	3.0	33	.50	1.1	.50
23	1.7	.80	36	66	18	16	7.1	2.7	22	.50	.50	0
24	1.1	.10	8.2	26	18	24	6.0	3.0	6.0	.30	.50	0
25	.30	0	4.1	75	66	50	5.0	1.7	4.5	0	.50	0
26	1.1	0	2.7	30	101	18	4.5	1.7	4.1	0	.50	0
27	1.7	0	2.3	367	84	11	3.7	1.4	6.3	0	1.1	0
28	.30	0	.80	512	38	9.3	3.3	.50	45	0	.50	0
29	0	0	.30	138	-----	7.6	3.3	.50	8.7	24	1.1	0
30	0	0	.30	300	-----	6.0	3.0	.80	245	6.0	1.1	0
31	1.7	-----	.10	870	-----	7.1	-----	.80	-----	1.7	.50	-----
TOTAL	19.00	14.50	841.30	3,424.30	2,618	737.0	973.7	76.60	2,567.50	1,720.50	56.80	83.20
MEAN	.61	.48	27.1	110	93.5	23.8	32.5	2.47	85.6	53.5	1.83	2.77
MAX	6.1	4.5	593	870	1,180	117	436	9.9	940	1,020	42	34
MIN	0	0	0	0	6.0	3.0	1.2	.20	0	0	0	0
CFSM	.04	.03	1.59	6.46	5.47	1.39	1.90	.14	5.00	3.25	.11	.16
IN.	.04	.03	1.83	7.45	5.69	1.60	2.12	.17	5.58	3.74	.12	.18

CAL YR 1956: TOTAL 8,525.20

MEAN 23.3

MAX 788

MIN 0

CFSM 1.36

IN 18.54

WAT YR 1957: TOTAL 13,132.40

MEAN 36.0

MAX 1,180

MIN 0

CFSM 2.10

IN 26.56

2-4342 5 Tishomingo Creek near Saltillo, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1957 TO SEPTEMBER 1958

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.0	4.1	14	22	11	12	18	397	1.1	2.1	.30	18
2	2.6	3.6	13	15	9.5	11	16	94	3.3	1.7	.30	4.9
3	4.5	3.6	14	13	9.5	9.5	122	40	2.5	1.3	1.0	2.1
4	2.1	3.2	11	11	9.5	6.9	93	54	2.1	1.3	.70	1.3
5	.70	3.2	10	11	2.3	8.9	29	97	1.7	1.7	.60	.70
6	.30	2.8	12	11	103	9.5	20	41	1.7	22	.40	.40
7	.20	4.1	304	12	41	62	16	20	1.3	59	.30	.20
8	.20	307	70	40	18	46	14	16	27	18	.30	.10
9	.20	19	45	24	15	60	14	17	7.7	6.5	.20	.10
10	.10	9.5	24	8.9	16	20	17	42	1.7	5.4	.20	0
11	.10	7.1	18	7.7	13	16	14	40	19	6.5	.40	.20
12	0	5.9	15	7.1	18	14	8.3	18	3.7	41	.60	57
13	0	453	16	58	14	25	5.9	12	1.3	6.3	1.3	2.9
14	0	909	12	36	8.3	15	6.5	9.5	.60	5.4	1.0	1.7
15	.30	82	22	19	17	12	225	8.3	26	4.1	.70	2.9
16	1.0	504	23	14	18	12	38	7.1	7.1	1.7	2.5	14
17	.60	221	18	12	16	108	18	5.0	4.5	1.0	.30	65
18	.30	543	39	10	14	50	14	4.6	2.5	.30	.20	9.5
19	.10	86	141	8.9	11	19	12	6.0	2.1	.30	.20	15
20	.10	30	131	14	7.7	15	9.5	4.3	2.1	2.7	.20	963
21	.10	19	26	184	12	13	13	3.7	2.5	19	.10	286
22	.10	40	19	26	18	11	11	3.3	2.9	74	.10	35
23	.30	65	17	18	17	19	9.5	3.0	1.3	8.9	9.3	12
24	377	112	14	204	13	90	11	2.7	1.0	26	31	5.7
25	39	50	75	52	11	25	176	2.4	1.0	51	3.3	3.7
26	9.5	32	36	27	14	48	168	2.1	301	8.3	2.1	3.7
27	4.1	19	18	20	82	25	54	1.9	14	2.9	1.7	3.7
28	2.8	63	32	16	17	16	36	1.7	5.4	2.5	.70	2.7
29	2.8	31	18	14	14	16	402	1.5	3.3	.30	.60	1.3
30	4.9	18	16	14	14	147	1.4	2.5	.30	.20	.20	2.1
31	4.9	22	22	12	-----	27	-----	1.2	-----	.30	.20	-----
TOTAL	459.90	3,650.1	1,325	941.6	576.5	970.8	1,666.7	957.7	453.90	383.80	61.00	1,514.90
MEAN	14.8	122	42.7	30.4	20.6	31.3	55.6	30.9	15.1	12.4	1.97	50.5
MAX	377	909	384	204	103	147	402	397	301	74	31	963
MIN	0	2.8	10	7.1	7.7	8.9	5.9	1.2	.60	.30	.10	0
CFSM	.87	7.12	2.50	1.78	1.20	1.83	3.25	1.81	.88	.72	.12	2.95
IN.	1.00	7.94	2.88	2.05	1.25	2.11	3.62	2.08	.99	.83	.13	3.29

CAL YR 1957: TOTAL 17,692.60 MEAN 48.5 MAX 1,180 MIN 0 CFSM 2.63 IN 38.48
 MAY YR 1958: TOTAL 12,961.90 MEAN 35.5 MAX 963 MIN 0 CFSM 2.08 IN 28.19

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1958 TO SEPTEMBER 1959

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.8	1.9	9.0	110	7.0	7.0	66	6.2	3.3	1.0	.20	0
2	2.7	1.1	8.0	20	9.0	6.0	6.2	1.9	1.0	.20	0	0
3	2.1	.70	12	30	5.0	20	4.6	1.3	.90	.20	0	0
4	2.1	1.0	6.0	9.0	80	4.0	11	4.8	1.0	.70	.10	0
5	1.7	1.5	5.0	7.0	15	130	8.1	4.4	1.0	37	.10	.40
6	1.3	1.1	3.0	6.0	12	20	7.5	4.0	1.0	4.0	0	5.7
7	1.7	1.0	3.0	6.0	10	10	3.7	1.0	1.0	0	0	2.1
8	1.3	1.1	3.0	9.0	70	8.0	6.6	1.3	1.0	.70	0	.30
9	1.7	1.3	3.0	25	120	7.0	13	8.8	433	.40	0	.10
10	1.1	1.1	2.0	12	50	6.0	14	4.0	401	.30	0	0
11	.90	1.1	2.0	10	30	5.0	9.6	4.0	195	.30	0	0
12	.90	1.0	2.0	9.0	270	5.0	44	6.2	32	.10	0	0
13	.90	1.0	2.0	8.0	240	4.0	18	4.0	13	.10	0	0
14	1.0	1.5	2.0	8.0	100	7.0	18	8.8	7.1	.10	0	0
15	1.0	105	2.0	350	40	8.0	8.8	1.7	4.4	.10	0	0
16	1.1	6.6	2.0	70	25	4.0	8.1	1.1	3.7	.10	0	0
17	1.0	4.0	2.0	20	16	4.0	8.1	1.3	3.3	.10	0	0
18	.90	2.1	2.0	15	13	4.0	26	1.1	2.4	.30	0	0
19	.90	50	1.0	20	10	5.0	80	1.3	1.7	.30	0	0
20	.90	10	1.0	20	9.0	5.7	24	12	1.9	.50	0	0
21	.90	7.0	1.0	340	9.0	6.2	98	4.0	1.7	.40	0	0
22	.90	5.0	1.0	50	8.0	4.4	30	37	1.7	.50	0	0
23	.70	4.0	2.0	25	8.0	3.7	18	20	1.9	.60	0	0
24	.70	3.0	5.0	20	7.0	3.7	11	4.4	2.7	.60	0	0
25	.60	3.0	2.0	15	6.0	3.7	9.6	5.3	2.7	.90	0	0
26	.60	3.0	2.0	12	5.0	66	9.6	27	2.4	1.0	0	0
27	.70	2.0	5.0	10	6.0	21	9.6	19	1.7	.60	0	20
28	.60	120	6.0	9.0	10	8.1	8.8	2.4	1.5	.40	0	1.0
29	.90	30	4.0	8.0	-----	9.6	8.1	1.5	1.1	.30	0	2.7
30	.90	10	3.0	8.0	-----	7.5	7.1	16	1.0	.10	0	1.0
31	1.1	-----	5.0	7.0	-----	7.1	-----	6.2	-----	.10	0	-----
TOTAL	38.60	381.10	103.0	1,331.0	1,215.0	395.7	676.7	234.5	1,128.4	54.50	0.80	33.30
MEAN	1.25	12.7	3.32	42.9	43.4	12.8	22.6	7.56	37.6	1.76	.026	1.11
MAX	4.8	120	9.0	350	270	130	98	37	433	37	.20	20
MIN	.60	.70	1.0	6.0	5.0	3.7	6.6	1.1	1.0	.10	0	0
CFSM	.07	.74	.19	2.51	2.54	.75	1.32	.44	2.20	.10	.002	.06
IN.	.08	.83	.22	2.89	2.64	.66	1.47	.51	2.45	.12	.002	.07

CAL YR 1958: TOTAL 8,049.60 MEAN 22.1 MAX 963 MIN 0 CFSM 1.29 IN 17.51
 MAY YR 1959: TOTAL 5,592.60 MEAN 15.3 MAX 433 MIN 0 CFSM .90 IN 12.16

Note --No gage-height record Nov 18 to Mar 19

2-4342 5 Tishomingo Creek near Saltillo, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1959 TO SEPTEMBER 1960

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.30	0	.30	14	20	8.1	14	3.3	.90	0	0	.50
2	.30	0	.30	13	19	954	299	3.0	2.4	0	0	.30
3	.20	.10	.30	33	14	117	97	2.7	2.7	0	0	.10
4	.10	2.1	.30	19	51	47	32	2.7	.90	0	0	0
5	.10	5.7	.30	63	71	33	20	3.3	.70	0	0	0
6	2.7	.70	.30	125	28	28	15	85	.60	0	0	0
7	1.0	.50	.30	51	18	26	13	52	.50	0	0	0
8	1.1	.30	.30	30	14	24	9.6	12	.30	0	0	0
9	.60	.30	.30	24	16	314	8.1	5.3	.30	0	0	0
10	.50	.30	.30	21	22	59	7.1	3.0	.30	0	0	9.0
11	.30	.30	48	16	11	155	7.1	2.4	.30	0	0	5.3
12	.20	.30	53	14	7.1	35	6.6	2.4	.10	0	0	1.9
13	12	.30	4.4	19	9.6	22	6.2	2.4	.10	0	0	.60
14	5.3	.50	1.7	216	13	25	6.2	2.4	.10	0	0	.30
15	.90	.60	1.5	64	20	166	5.7	1.9	0	0	0	.30
16	.60	1.0	1.1	21	26	145	5.3	2.1	0	0	0	.20
17	.30	.50	374	269	19	34	7.1	1.5	.10	0	0	.10
18	.20	.60	654	48	59	21	5.3	2.4	.10	0	0	0
19	.20	.50	80	22	21	18	4.0	14	0	0	0	0
20	.20	.50	22	15	14	13	4.0	4.4	0	0	0	0
21	.20	.40	13	11	29	10	65	2.7	0	0	0	0
22	.10	.50	8.1	14	19	9.6	14	1.5	0	.10	.10	0
23	.30	.90	6.2	8.8	12	8.1	8.1	1.1	0	.10	1.5	0
24	.30	1.0	5.7	6.6	11	7.5	6.2	1.0	0	.10	.30	0
25	.10	.90	4.8	7.1	83	7.1	5.7	1.0	0	.10	.10	0
26	0	.90	4.8	7.1	21	6.6	5.3	.90	0	.10	.10	89
27	.10	2.7	532	105	13	6.6	5.3	.90	0	.10	0	6.6
28	0	.90	156	26	14	6.6	3.7	2.1	0	0	0	2.7
29	0	.50	35	285	11	51	3.7	1.5	0	0	0	2.4
30	0	.40	20	84	61	61	3.7	.90	0	0	6.2	.70
31	0	-----	18	30	-----	18	-----	.90	-----	0	.70	-----
TOTAL	28.20	24.20	2,046.30	1,681.6	681.7	2,436.2	693.0	222.70	10.40	0.60	9.00	120.00
MEAN	.91	.81	66.0	54.2	23.5	78.6	23.1	7.18	.35	.019	.29	4.00
MAX	12	5.7	654	285	83	954	299	85	2.7	.10	6.2	89
MIN	0	0	.30	6.6	7.1	6.6	5.7	.90	0	0	0	0
CFSM	.05	.05	3.86	3.17	1.37	4.60	1.35	.42	.02	.001	.02	.23
IN.	.06	.05	4.45	3.66	1.48	5.30	1.51	.48	.02	.001	.02	.26

CAL YR 1959: TOTAL 7,168.60 MEAN 19.6 MAX 654 MIN 0 CFSM 1.15 IN 15.59
 MAY YR 1960: TOTAL 7,953.90 MEAN 21.7 MAX 954 MIN 0 CFSM 1.27 IN 17.30

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.50	5.3	3.0	74	4.0	31	19	17	.40	.30	.20	.20
2	.40	5.3	3.0	36	19	17	10	14	.40	.20	.10	.10
3	.10	5.3	2.4	24	27	11	7.0	11	.40	.20	.10	.30
4	.10	4.8	2.4	18	10	8.6	8.0	8.6	.40	.20	.10	.40
5	199	4.8	2.1	15	7.5	123	8.0	4.5	.40	.10	.10	.20
6	9.6	4.4	10	14	7.5	151	11	2.3	1.3	.10	.20	.20
7	394	3.7	7.0	13	141	713	8.0	1.3	64	.10	.10	.30
8	32	3.3	6.0	8.8	36	791	6.0	6.8	8.6	.10	.10	.40
9	11	38	5.0	7.0	18	70	140	8.6	1.0	.10	.10	.20
10	4.8	24	7.0	6.6	13	43	98	1.3	.70	0	.10	.10
11	4.0	7.0	30	6.6	8.8	31	65	1.0	.70	.10	.10	.10
12	3.7	6.6	6.0	6.2	7.5	29	487	1.3	.70	.20	0	.10
13	4.0	6.2	5.4	6.2	6.6	179	48	1.0	.70	.20	0	.10
14	4.4	5.7	5.3	14	4.8	43	19	.90	.60	.20	0	.10
15	4.0	5.7	23	22	4.0	25	43	28	.50	.20	.20	.10
16	3.3	103	7.0	13	4.0	17	82	3.2	.40	.40	.10	.10
17	3.0	11	5.3	8.1	5.7	51	42	1.8	.40	.30	.10	.10
18	2.1	4.8	4.0	7.0	484	293	8.6	1.8	.40	.30	.10	.10
19	19	4.8	5.0	43	76	43	5.0	.90	.40	.30	.10	.10
20	8.1	4.4	9.0	20	743	151	5.6	.80	2.7	.20	0	.10
21	5.3	4.0	14	13	433	99	5.6	1.0	5.6	.30	0	.10
22	4.4	5.3	7.5	6.6	127	38	3.6	.90	.70	.20	0	0
23	3.6	27	5.7	7.5	43	23	3.2	7.4	.50	.20	0	0
24	3.0	5.3	5.3	5.7	17	16	1.8	2.7	.40	.40	.10	0
25	1.9	4.0	5.3	14	52	13	4.0	.80	.40	.40	.10	0
26	1.7	3.3	5.3	6.6	17	11	17	1.3	.40	.40	.10	0
27	1.5	3.0	5.3	13	9.3	19	14	.80	.40	.40	.10	0
28	1.0	5.3	5.3	10	274	568	8.0	.70	.40	.50	0	0
29	.90	25	470	6.6	-----	121	6.8	.60	.30	.50	0	0
30	7.0	3.7	54	4.8	-----	481	5.6	.60	.30	.30	0	0
31	36	-----	528	4.0	-----	334	-----	.50	-----	.20	.20	-----
TOTAL	773.40	344.0	1,253.6	457.3	2,601.7	4,543.6	1,189.8	133.40	96.50	7.60	2.50	3.50
MEAN	24.9	11.5	40.4	14.8	92.9	147	39.7	4.30	3.22	.25	.081	.12
MAX	394	103	528	74	743	791	487	28	64	.50	.20	.40
MIN	.10	3.0	2.1	4.0	4.0	8.6	1.8	.50	.30	0	0	0
CFSM	1.46	.67	2.36	.86	5.43	8.57	2.32	.25	.19	.01	.005	.007
IN.	1.68	.75	2.73	.99	5.66	9.88	2.59	.29	.21	.02	.005	.008

CAL YR 1960: TOTAL 8,226.20 MEAN 22.5 MAX 954 MIN 0 CFSM 1.31 IN 17.89
 MAY YR 1961: TOTAL 11,406.90 MEAN 31.3 MAX 791 MIN 0 CFSM 1.83 IN 24.81

Note --No gage-height record Apr 1 to May 8

MOBILE RIVER BASIN

2-4342 5 Tishomingo Creek near Saltillo, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	13	0	2.4	124	21	54	12	56	4.8	.40	5.4	0
2	2.1	0	3.1	41	17	37	17	3.9	3.9	.40	2.1	0
3	1.2	0	1.9	29	16	30	8.7	6.9	26	.40	2.3	0
4	.30	4.4	2.7	25	15	26	8.7	5.1	36	.30	.70	0
5	.20	18	8.7	1,090	15	21	9.1	3.9	14	160	2.3	0
6	.10	2.1	6.5	379	15	17	92	3.0	4.5	75	2.1	0
7	0	.50	4.4	49	13	17	36	2.6	2.6	4.8	.60	0
8	0	.20	2.7	54	15	26	20	2.6	6.9	2.6	.40	0
9	0	.10	678	40	15	175	31	2.3	2.3	1.3	.30	0
10	0	.10	221	30	13	117	30	2.1	1.6	.70	.10	0
11	0	0	540	25	12	75	1,620	1.8	1.3	.70	.10	0
12	0	.10	511	22	12	41	461	1.5	3.6	2.6	0	0
13	0	42	24	20	11	22	63	1.3	9.8	1.8	0	0
14	0	14	24	74	10	17	37	1.2	2.3	.60	0	.30
15	0	50	32	488	79	16	25	1.0	1.3	.40	0	1.3
16	0	57	366	60	81	14	18	.90	.90	13	0	1.3
17	0	68	1,450	44	21	13	16	.90	1.0	6.1	0	1.2
18	0	3.0	392	38	223	12	14	.70	.70	1.2	0	.40
19	0	2.4	54	52	49	12	12	.60	.60	.40	0	.30
20	0	1.5	35	35	24	13	10	.40	.40	.40	0	.10
21	0	4.1	30	31	78	23	8.3	.40	.40	182	0	0
22	0	.44	27	34	58	13	8.3	.40	.40	15	0	0
23	0	304	28	551	475	12	7.3	.40	.40	3.0	0	0
24	0	29	24	78	53	11	7.3	.40	.70	2.1	0	0
25	0	11	24	257	875	40	7.3	.30	59	12	0	0
26	0	7.4	24	186	363	20	5.7	.30	6.0	3.9	0	.10
27	0	5.6	56	416	219	13	5.4	.20	2.4	1.6	0	.10
28	0	3.6	52	166	332	12	7.3	.20	1.5	1.5	0	0
29	0	2.7	38	46	-----	11	7.3	.20	.90	3.9	0	0
30	0	2.7	34	32	-----	10	5.7	100	.70	1.0	0	0
31	0	-----	285	24	-----	16	-----	12	-----	1.8	0	-----
TOTAL	16.90	681.70	4,980.4	4,560	3,130	936	2,602.5	223.60	196.90	498.00	16.40	5.10
MEAN	.55	22.7	161	147	112	30.2	96.8	7.21	6.1	1.1	.53	.17
MAX	13	304	1,450	1,090	875	175	1,620	59	59	182	5.4	1.3
MIN	0	0	1.9	20	10	10	5.4	.20	.40	.30	0	0
CFSM	.03	1.33	9.40	8.60	6.54	1.77	5.07	.42	.38	.94	.03	.01
IN.	.04	1.48	10.83	9.92	6.81	2.04	5.66	.49	.43	1.08	.04	.01
CAL YR 1961: TOTAL 14,714.90 MEAN 40.3 MAX 1,450 MIN 0 CFSM 2.36 IN 32.00												
CAL YR 1962: TOTAL 17,647.50 MEAN 48.9 MAX 1,620 CFSM 2.86 IN 38.82												

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
JAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	.80	2.0	5.8	13	4.4	40	5.2	1.4	15	-20
2	0	0	.60	2.0	12	7.4	3.8	22	5.8	7.60	7.8	-10
3	1.4	0	1.50	1.8	22	5.2	3.4	17	2.4	1.4	5.5	0
4	.40	0	.50	1.8	8.6	5.2	3.4	17	2.0	.50	3.8	2.7
5	.20	0	1.0	1.8	5.8	196	2.4	16	1.8	.30	2.7	2.7
6	.20	0	.50	2.0	3.4	34	32	17	1.4	.20	2.2	.50
7	.20	0	.60	2.2	15	30	17	1.4	.20	1.8	.20	.20
8	1.0	0	.60	2.0	2.4	15	15	16	.60	2.2	1.4	.10
9	.40	0	.40	1.6	2.0	13	9.8	14	.50	2.4	1.6	0
10	.20	0	.40	1.8	2.2	11	8.6	13	.30	.30	.80	0
11	.10	0	.50	2.7	58	771	7.0	81	.40	.20	.80	0
12	.10	3.0	.10	3.8	12	323	6.2	119	.20	.20	.80	0
13	.10	3.4	.10	2.7	7.0	28	5.0	92	.10	.50	1.0	0
14	0	1.0	.10	1.4	4.1	16	4.0	55	.10	6.2	5.9	0
15	0	.40	.10	1.0	2.2	12	3.5	35	.20	1.4	1.0	0
16	0	.20	.10	1.0	1.6	33	3.0	15	38	.60	.40	0
17	0	.20	.30	1.0	1.6	37	2.6	10	12	1,610	.20	0
18	0	5.5	.60	1.2	2.2	29	2.4	8.0	2.0	66	.20	0
19	0	2.7	.60	2.0	28	26	3.0	7.0	1.4	33	.20	0
20	0	1.2	.50	1.6	8.2	19	2.6	6.5	5.2	19	.20	0
21	0	1.0	6.6	1.2	5.2	15	2.2	6.0	20	36	.40	0
22	.10	.80	8.2	.80	3.0	10	1.8	5.5	16	32	.50	0
23	0	.50	3.4	2.2	2.4	8.6	2.2	5.0	7.4	25	.20	0
24	0	.40	3.0	1.4	2.7	7.0	3.0	5.0	120	15	.10	0
25	0	.40	5.8	.60	1.8	6.6	13	36	12	10	.10	0
26	0	.50	8.2	1.4	1.4	10	13	205	3.8	9.0	.10	0
27	0	.50	5.8	2.0	1.0	8.6	9.8	134	8.2	8.0	.10	0
28	0	.50	4.4	1.8	1.2	7.0	37	60	6.6	18	.10	0
29	0	.60	6.2	1.4	-----	1,080	15	30	13	12	.10	0
30	0	.60	5.2	1.6	-----	5.2	133	9.8	1.8	344	3.8	0
31	0	-----	3.0	10	-----	4.8	-----	7.8	-----	67	.60	-----
TOTAL	4.40	23.40	68.70	76.20	214.8	1,697.4	1,447.5	1,108.6	277.40	2,323.40	71.30	6.50
MEAN	.14	.78	2.22	2.46	7.67	54.8	48.3	35.8	9.25	74.9	2.30	.22
MAX	1.4	5.5	8.2	6.6	58	771	1,080	205	120	1,610	5.9	2.7
MIN	0	0	1.0	.60	1.0	4.8	1.8	5.0	1.0	.20	.10	0
CFSM	.008	.05	.13	.14	.45	3.20	2.82	2.09	.54	4.38	.13	.01
IN.	.01	.05	.15	.17	.47	3.69	3.15	2.41	.60	5.05	.16	.01

CAL YR 1962: TOTAL 12,265.00
CAL YR 1963: TOTAL 7,319.60

MEAN 33.6
MEAN 29.1

MAX 1,620
MAX 1,610

MIN 0
MIN 0

CFSM 1.97
CFSM 1.17

IN 26.67
IN 15.92

2-4345 Euclautubba Creek at Saltillo, Miss

Location --Lat 34°22'20", long 88°42'00", in SW1/4 sec 20, T 8 S., R 6 E., Chickasaw meridian, on downstream side of right main pier of bridge on U S Highway 45 at Saltillo, a quarter of a mile downstream from Flat Creek, and 2 1/2 miles upstream from mouth

Drainage area --19 7 sq mi

Records available --October 1951 to September 1965

Gage --Water-stage recorder Altitude of gage is 280 ft (from topographic map)

Average discharge --14 years, 29 5 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Mar 8, 1961	0500	* 2,470	13 26	Mar 12, 1963	0200	3,050	13 29	Apr 6, 1964	0300	2,180	12 76
Dec 17, 1961	0700	2,390	13 01	July 17, 1963	1900	* 5,120	13 32	Mar 26, 1965	1000	* 1,510	12 24
Apr 11, 1962	1000	* 3,840	13 62	Mar 14, 1964	2000	* 5,440	14 60				

No flow at times each water year, 1961-65

1961-65 Maximum discharge, 5,750 cfs Mar 21, 1955, from rating curve extended above 1,500 cfs, maximum gage height, 14 60 ft Mar 14, 1964, no flow at times

Flood of Jan 3, 1951, reached a stage of 13 65 ft, from records of Corps of Engineers

Remarks --Records fair

Cooperation --Gage-height record and 54 discharge measurements furnished by Corps of Engineers

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.10	18	11	322	5.6	26	38	4.3	0	.30	0	10
2	0	10	9.0	32	21	17	20	3.9	0	2.4	0	.20
3	0	7.3	8.2	21	28	13	16	2.9	0	.30	0	5.4
4	0	5.9	7.8	16	10	12	13	2.6	0	.10	0	1.0
5	111	5.3	7.2	14	8.4	21	11	2.6	0	0	0	.70
6	42	4.5	6.8	12	8.8	185	10	2.9	40	0	0	.90
7	205	3.7	8.4	10	197	439	8.9	3.1	212	0	0	.30
8	401	3.3	8.4	9.2	44	1,000	8.1	4.1	137	0	0	.20
9	34	107	6.2	8.2	20	38	94	6.5	8.3	0	0	.10
10	11	78	6.4	7.6	14	21	17	2.9	4.7	0	0	.10
11	7.1	16	78	7.2	12	16	14	2.4	2.6	0	0	0
12	4.9	11	18	6.8	10	14	415	2.0	2.3	.10	0	0
13	3.5	8.9	11	6.8	9.4	186	27	1.6	1.3	0	0	.10
14	2.4	8.1	9.8	19	8.4	25	16	1.4	.90	0	0	.30
15	1.7	6.9	10	24	8.0	17	13	5.5	.70	0	27	.10
16	1.3	83	9.8	12	7.4	13	9.9	1.3	.50	.20	.80	.10
17	1.1	19	7.8	9.0	13	29	7.7	.80	.50	0	.20	.10
18	.80	12	7.2	8.2	441	310	6.5	.80	.50	0	.20	0
19	30	8.9	6.8	53	98	24	6.1	.50	.30	0	.10	0
20	14	7.3	34	16	576	120	5.7	.50	5.3	0	.20	0
21	5.1	6.5	27	9.6	591	195	4.9	.50	6.5	0	.20	0
22	3.5	14	10	7.8	98	25	4.7	.50	1.4	0	.10	0
23	2.8	35	7.4	8.2	38	16	4.5	1.6	.80	0	.10	0
24	2.2	14	7.8	7.4	23	13	4.3	1.1	.50	.10	.50	0
25	1.6	11	7.6	5.6	46	11	4.3	.40	.30	0	.10	0
26	1.2	8.9	7.6	8.2	20	9.7	8.3	1.1	.30	0	.10	0
27	1.1	8.3	6.6	7.2	15	14	4.9	.40	.20	0	.10	0
28	1.0	18	6.2	5.8	188	824	3.9	.20	.10	0	.10	0
29	.70	83	395	4.6	-----	96	3.1	.20	.10	0	0	0
30	117	16	145	4.4	-----	413	3.1	.10	.10	0	0	0
31	162	-----	479	4.8	-----	366	-----	.10	-----	0	1.6	-----
TOTAL	1,169.10	638.8	1,371.0	687.6	2,554.0	4,308.7	802.9	58.80	427.20	3.50	31.40	19.60
MEAN	37.7	21.3	44.2	22.2	91.2	139	26.8	1.90	14.2	.11	1.01	.65
MAX	401	107	479	322	591	1,000	415	6.5	212	2.4	27	10
MIN	0	3.3	6.2	4.4	5.6	9.7	3.1	.10	0	0	0	0
CFSM	1.91	1.08	2.24	1.13	4.63	7.06	1.36	.10	.72	.006	.05	.03
IN.	2.21	1.21	2.59	1.30	4.82	8.13	1.52	.11	.81	.007	.06	.04

CAL YR 1960: TOTAL 12,312.60 MEAN 38.7 MAX 1,000 MIN 0 CFSM 1.68 IN 22.75

2-4345 Euclautubba Creek at Saltillo, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	-20	-20	4.1	205	15	42	17	87	5.5	.70	1.1	.40
2	-10	-30	3.7	26	13	24	9.1	11	3.7	.50	.60	.50
3	.30	4.2	3.5	18	12	19	7.1	7.5	15	.30	.60	.10
4	0	1.0	3.5	15	11	16	6.7	6.1	81	.20	.60	0
5	0	4.1	18	814	12	14	7.5	4.7	22	34	1.4	0
6	0	1.3	11	547	10	12	126	3.3	7.7	202	1.0	0
7	0	.30	8.4	44	8.9	11	28	2.6	4.5	8.1	.40	0
8	0	.10	6.4	23	12	22	19	2.0	37	3.8	.20	0
9	0	.10	323	16	13	228	31	1.6	5.5	2.5	.20	0
10	0	.10	493	14	8.9	145	24	1.4	3.3	1.8	.10	0
11	-10	.10	530	13	8.3	118	1,760	1.1	2.2	1.8	.10	0
12	0	.20	655	12	8.1	36	630	1.0	3.5	9.7	.10	0
13	0	.75	40	11	7.7	18	48	1.0	2.4	3.9	.10	0
14	0	24	23	31	6.9	14	25	.90	1.1	1.8	0	0
15	0	63	23	451	91	13	19	.80	.80	1.2	0	.10
16	-20	46	171	36	140	11	16	.80	.50	.90	0	.10
17	-20	8.5	1,480	20	19	9.7	14	.80	.30	.80	0	0
18	-20	5.1	802	20	285	9.1	13	.70	.20	.70	0	0
19	-10	4.1	49	40	121	8.9	12	.50	.20	.50	0	0
20	-10	2.6	24	18	21	11	10	.40	.20	.40	0	0
21	.10	2.0	18	15	155	50	9.1	.30	.20	.40	0	0
22	.10	22	15	22	126	12	7.9	.20	.20	5.2	0	0
23	.10	43	15	914	691	10	7.3	.20	.10	.70	.10	0
24	.10	31	12	55	104	8.7	7.1	.20	11	.40	.10	0
25	.10	13	10	237	464	95	7.1	.10	159	1.9	.30	0
26	.10	9.7	9.8	146	208	20	6.7	.10	10	1.4	.70	.20
27	.10	8.3	50	516	349	12	6.5	.10	5.1	.60	.20	.10
28	.10	6.5	21	352	505	10	8.7	.10	3.1	3.0	0	0
29	-20	5.3	12	33	---	8.5	7.3	.10	1.6	1.2	0	0
30	-20	4.3	10	22	---	8.1	6.2	129	1.1	.70	.10	0
31	-20	---	151	16	---	34	---	12	---	.70	.10	---
TOTAL	2.90	385.40	4,995.4	4,302	3,425.8	1,050.0	2,895.3	277.60	388.00	291.80	8.10	1.50
MEAN	.094	12.8	161	139	122	33.9	96.5	8.95	12.9	9.41	.26	.050
MAX	.30	75	1,480	814	691	228	1,760	129	159	202	1.4	.50
MIN	0	.10	3.5	11	6.9	8.1	6.2	.10	.10	.20	0	0
CFSM	.005	.65	8.18	7.04	6.21	1.72	4.90	.45	.66	.48	.01	.003
IN.	.005	.73	9.43	8.12	6.47	1.98	5.47	.52	.73	.55	.02	.003

CAL YR 1961: TOTAL 14,277.40 MEAN 39.1 MAX 1,480 MIN 0 CFSM 1.99 IN 26.95
 MAY YR 1962: TOTAL 18,023.80 MEAN 49.4 MAX 1,760 MIN 0 CFSM 2.51 IN 34.03

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	.10	.50	1.1	3.5	31	3.1	23	3.8	2.1	11	.20
2	0	.10	.50	1.0	13	13	2.9	15	2.7	1.5	6.9	.10
3	0	.10	.50	.80	19	7.3	2.8	12	2.5	1.6	4.6	.20
4	0	.10	.60	.80	4.6	5.9	2.4	9.4	2.2	1.3	3.2	2.6
5	0	.10	.80	.80	3.9	397	2.5	7.6	1.9	1.1	2.9	1.8
6	0	.10	.70	.80	3.1	95	41	19	1.8	.90	2.4	.40
7	0	.10	.60	.80	2.6	17	34	16	1.4	.70	2.2	0
8	.20	.10	.60	.70	2.4	12	11	6.7	1.1	.60	2.0	0
9	.10	.10	.50	.70	2.2	14	7.6	4.2	1.0	.60	1.7	0
10	0	.10	.40	.90	2.2	12	5.5	3.4	.90	.40	1.5	.20
11	0	.10	.40	6.1	83	359	4.2	3.7	.70	.10	1.4	0
12	0	1.8	.40	2.5	11	1,110	3.2	8.3	.40	0	1.3	.10
13	0	.60	.30	1.4	6.3	47	2.9	3.2	.30	.20	1.7	.30
14	0	.10	.30	1.2	4.7	22	2.7	2.5	.20	11	1.4	.30
15	0	.10	.40	1.1	3.7	19	2.6	2.1	.20	2.4	.90	.20
16	0	.10	.60	.90	3.2	46	2.6	1.6	23	.90	.90	.20
17	0	.40	.40	.90	3.0	37	2.4	1.4	34	994	.80	.20
18	0	2.8	.30	1.1	4.8	17	2.2	1.2	2.1	392	.70	.40
19	0	.70	.60	1.2	57	15	2.3	.90	14	24	.70	.20
20	0	.70	.70	1.4	13	14	2.5	.90	38	14	.90	.10
21	.10	.60	2.0	1.1	6.9	9.2	2.1	.90	9.4	15	.70	.10
22	.30	.50	1.8	.90	4.5	7.8	1.8	.70	6.4	8.7	.60	0
23	.10	.10	1.1	1.4	4.1	7.1	1.6	.70	7.1	6.9	.40	0
24	0	.10	1.7	1.0	5.0	6.4	1.5	.70	85	5.3	.40	0
25	0	.50	3.4	1.0	4.4	6.7	16	34	24	3.8	.50	0
26	0	.60	3.0	2.0	3.8	7.1	8.7	197	7.6	3.8	.60	0
27	0	.50	2.2	1.5	3.2	4.7	4.4	126	15	3.5	.60	0
28	.10	.50	1.9	1.0	---	---	54	31	19	4.4	.60	0
29	.10	.60	3.9	1.0	---	---	864	20	6.4	12	2.2	0
30	.10	.60	2.1	10	---	---	141	9.9	3.2	76	1.4	0
31	.10	---	1.6	5.1	---	---	3.1	6.0	---	36	.30	---
TOTAL	1.20	13.00	34.80	52.20	281.3	2,353.9	1,235.5	569.00	315.30	1,624.80	57.40	7.60
MEAN	.039	.43	1.12	1.68	10.0	75.9	41.2	18.4	10.5	52.4	1.85	.25
MAX	.30	2.8	3.9	10	83	1,110	864	197	85	994	11	2.6
MIN	0	.10	.30	.70	2.2	3.1	1.5	.70	.20	0	.30	0
CFSM	.002	.02	.06	.09	.51	3.85	2.09	.93	.53	2.66	.09	.01
IN.	.002	.02	.07	.10	.53	4.44	2.33	1.07	.60	3.07	.11	.01

CAL YR 1962: TOTAL 12,689.10 MEAN 34.8 MAX 1,760 MIN 0 CFSM 1.76 IN 23.95
 MAY YR 1963: TOTAL 8,546.00 MEAN 17.9 MAX 1,110 MIN 0 CFSM .91 IN 12.36

MOBILE RIVER BASIN

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2-4345 Euclautubba Creek at Saltillo, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	.10	.10	4.1	14	16	11	10	6.0	.40	.70	.40
2	0	0	.10	4.5	10	484	10	133	2.8	.40	.50	.30
3	0	0	.10	9.2	9.0	198	9.8	50	1.7	.60	.40	.30
4	0	0	.70	9.7	8.3	326	289	16	.90	.40	.40	.20
5	.10	.20	.60	6.1	75	571	280	11	.70	.30	33	.20
6	0	.10	.10	67	81	30	839	9.6	1.5	1.1	2.7	.20
7	0	.10	.10	37	24	23	45	8.1	.60	20	.80	.20
8	0	0	.20	37	16	26	23	7.2	.60	2.2	6.2	.20
9	0	0	.10	642	13	54	16	9.6	.50	1.5	11	.20
10	0	0	1.1	41	11	87	14	19	.50	.40	1.8	.20
11	0	.10	217	21	9.2	22	12	11	.40	7.9	2.4	.20
12	0	.10	176	100	8.7	17	207	7.9	1.0	318	1.7	.20
13	0	.10	14	24	103	14	73	7.8	1.5	19	.60	.20
14	0	.10	8.5	15	41	1,440	84	6.3	.60	6.0	.40	.20
15	0	.10	5.3	12	527	1,130	24	5.4	.40	4.1	188	.70
16	0	.10	3.9	11	163	46	18	4.9	.40	3.5	241	.20
17	0	.10	3.4	9.7	26	25	14	4.4	.40	3.0	13	.20
18	0	.10	2.6	9.4	73	18	12	3.9	.40	1.5	7.2	.30
19	0	.10	2.3	11	30	16	11	3.6	.40	.80	5.2	.40
20	0	.10	1.8	22	20	18	9.7	3.0	.30	.60	3.5	.40
21	0	.40	2.0	12	16	14	8.8	2.6	.20	.60	2.7	.30
22	0	1.3	2.0	10	14	12	13	2.9	.30	48	1.9	.20
23	0	2.4	2.0	9.2	12	10	232	6.1	.40	21	1.5	.20
24	0	.10	2.5	190	11	9.8	325	3.4	.40	4.1	1.0	.20
25	0	.10	2.0	140	14	535	44	2.7	.20	3.9	.70	.10
26	0	.50	3.4	25	13	484	135	2.1	.20	6.1	.70	.10
27	0	0	11	18	11	31	313	1.5	.30	2.3	.60	.20
28	0	.10	9.2	13	68	22	27	1.8	.20	1.4	.60	.60
29	0	1.5	6.5	11	20	16	16	1.4	.30	.70	.60	3.5
30	0	.10	4.5	10	-----	13	12	1.3	.40	.60	.40	.40
31	0	-----	4.3	13	-----	12	-----	4.0	-----	1.4	.40	-----
TOTAL	0.10	8.00	487.40	1,563.9	1,441.2	5,719.8	3,827.3	361.5	24.50	481.80	531.60	10.70
MEAN	.003	.27	15.7	50.4	49.7	185	128	11.7	.82	15.5	17.1	.36
MAX	.10	2.4	217	642	527	1,440	839	133	6.0	318	241	3.5
MIN	0	0	.10	4.1	8.3	9.8	8.8	1.3	.30	.40	.60	.10
CFSM	.0001	.01	.80	2.56	2.52	9.37	6.48	.59	.04	.49	.87	.02
IN.	.0001	.02	.92	2.95	2.72	10.8	7.23	.68	.05	.91	1.00	.02

CAL YR 1963: TOTAL 6,294.80

MEAN 19.3

MAX 1,440

MIN 0

CFSM 2.87

IN 28.80

WAT YR 1964: TOTAL 14,457.80

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.20	.20	6.1	8.1	24	237	20	1.8	.70	.40	0	.10
2	.20	.20	4.9	76	18	190	17	1.5	.50	.40	0	.10
3	.20	.20	4.8	73	11	27	126	1.5	.40	.30	0	.10
4	.30	.20	6.4	16	10	25	52	1.4	.40	.50	0	.10
5	.20	.20	4.8	12	9.7	21	25	1.3	1.9	.70	0	.10
6	.20	.20	4.0	11	11	22	19	1.1	20	.40	0	.10
7	.20	.20	3.4	9.7	16	17	16	1.0	5.8	.40	0	.10
8	.10	.30	3.2	9.1	95	15	14	1.0	1.5	.10	0	0
9	.10	.40	3.0	20	299	14	12	.90	22	.10	0	0
10	.10	.40	3.0	231	266	12	9.5	.90	9.4	.10	0	0
11	.10	.40	217	26	437	11	9.0	.90	7.1	.10	0	19
12	.10	.50	118	18	517	53	7.9	.80	7.0	.10	0	2.9
13	.10	.50	19	16	33	20	6.8	.70	1.8	.10	0	.30
14	.10	.50	12	13	23	15	6.6	.70	3.1	.10	0	.10
15	.20	.50	8.8	13	19	15	7.6	.70	6.8	.70	0	.20
16	.20	.50	7.7	13	16	48	9.9	13	3.6	.30	0	.10
17	.20	.50	49	9.4	16	121	5.6	23	1.4	.10	0	.10
18	.20	13	51	9.7	14	25	5.1	21	.90	.10	0	.10
19	.20	24	12	9.2	13	17	7.6	1.6	.70	.10	0	0
20	.20	6.8	25	9.0	11	13	5.4	1.4	.60	0	0	0
21	.20	2.1	16	9.1	11	11	4.3	1.1	.50	0	0	0
22	.20	.70	12	9.8	9.5	10	3.9	1.0	.40	0	0	.10
23	.30	.60	11	4.1	9.4	9.5	3.7	1.1	31	0	.20	.50
24	.30	3.0	43	29	256	76	3.0	.80	6.4	.80	1.2	.40
25	.30	15	158	17	204	157	2.6	.70	1.1	.40	.10	.20
26	.30	4.7	29	14	29	849	2.7	.70	.80	1.8	0	.10
27	.30	3.0	15	10	23	45	4.6	.70	1.5	15	0	0
28	1.3	261	12	9.5	18	25	2.7	1.4	.60	.20	53	0
29	.30	19	10	8.9	-----	442	2.5	1.0	.60	.10	1.2	0
30	.30	8.1	9.4	8.4	-----	151	2.1	.90	.50	0	.40	.20
31	.20	-----	8.6	7.3	-----	26	-----	.90	-----	0	.10	-----
TOTAL	7.40	366.90	887.1	769.2	2,418.6	2,719.5	414.1	88.20	138.20	9.90	71.20	25.00
MEAN	.24	12.2	28.6	24.8	86.4	87.7	13.8	2.85	2.32	1.5	2.50	.83
MAX	1.3	261	217	231	517	849	126	23	31	1.8	53	19
MIN	.10	.20	3.0	7.3	9.4	9.5	2.1	.70	.40	0	0	0
CFSM	.01	.62	1.45	1.26	4.38	4.45	.70	.14	.23	.02	.12	.06
IN.	.01	.69	1.67	1.45	4.57	5.13	.78	.17	.26	.02	.13	.05

CAL YR 1964: TOTAL 15,223.70

MEAN 41.6

MAX 1,440

MIN 0

CFSM 2.11

IN 28.74

WAT YR 1965: TOTAL 7,915.30

MEAN 21.7

MAX 849

MIN 0

CFSM 1.10

IN 14.94

MOBILE RIVER BASIN

2-4360 Chiwapa Creek at Shannon, Miss

Location --Lat 34°06'35", Long 88°43'25", in SE $\frac{1}{4}$ sec 24, T 11 S, R 5 E, Chickasaw meridian, on left bank at downstream side of bridge on U S Highway 45 W at Shannon, 0.7 mile upstream from Gulf, Mobile and Ohio Railroad bridge and 4 $\frac{1}{4}$ miles upstream from mouth

Drainage area --136 sq mi

Records available --October 1951 to September 1965

Gage --Water-stage recorder Datum of gage is 226.96 ft above mean sea level (Mississippi Highway Department bench mark)

Average discharge --14 years, 181 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (7,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	0300	* 8,250	12.75	Apr 11, 1962	1800	* 32,400	15.90	Mar 4, 1964	2100	7,340	12.38
Dec 12, 1961	0600	7,440	12.42	Mar 12, 1963	0900	9,780	13.26	Mar 15, 1964	0600	* 9,300	13.10
Dec 18, 1961	0300	10,400	13.45	July 17, 1963	1800	* 9,900	13.30	Feb 11, 1965	2300	7,740	11.40
Jan 5, 1962	1630	7,500	12.45	Mar 2, 1964	1500	7,000	12.25	Mar 26, 1965	0800	* 8,980	12.08
Feb 23, 1962	1100	8,940	12.98					Mar 29, 1965	1800	7,940	11.52

a 15.90 ft in gage well, 16.15 ft from outside gage

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Aug 14, 1961	3.6	a -1.01	1964	Sept 25, 1964	4.6	- 68
1962	Oct 1, 1961	6.3	b -1.05	1965	Aug 21, 1965	3.2	-
1963	Oct 14, 1962	8.1	- .99				

a Occurred Oct 3, 1960

b Occurred May 27, 1962

1951-65 Maximum discharge, 35,500 cfs Mar 21, 1955 (gage height, 15.72 ft in gage well, 16.35 ft from outside gage), minimum daily, 0.5 cfs Sept 2, 20, 1954

Flood of Mar 28, 1951, reached a stage of 13.95 ft, from records of Corps of Engineers

No flow observed Aug 26, 1943

Remarks --Records fair

Cooperation --Gage-height record and 52 discharge measurements furnished by Corps of Engineers

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9.7	49	42	814	55	194	434	90	20	12	8.6	86
2	8.6	28	37	256	79	137	224	75	20	152	26	16
3	6.0	19	36	187	120	114	194	61	17	30	24	55
4	6.5	17	34	161	67	110	158	56	16	24	12	82
5	22	17	34	145	60	112	127	51	14	17	8.2	18
6	66	17	33	129	58	355	112	221	20	15	10	18
7	180	17	40	119	608	1,060	96	133	163	16	9.1	41
8	147	17	39	111	275	2,100	87	122	49	32	12	22
9	98	307	34	99	124	323	420	399	25	16	73	14
10	27	293	34	96	95	221	168	95	23	14	12	12
11	19	58	245	92	76	205	118	77	22	14	8.2	14
12	15	40	86	87	65	187	1,800	66	82	20	5.9	12
13	14	34	56	87	58	876	352	57	31	18	5.1	12
14	13	30	52	114	54	247	228	51	24	18	4.8	94
15	45	30	56	161	48	190	192	1,440	20	14	415	23
16	25	192	51	111	45	163	168	167	17	33	97	16
17	15	91	43	90	88	216	143	101	20	24	28	12
18	14	55	41	86	1,350	1,260	132	78	20	17	17	12
19	38	45	40	441	546	248	122	65	17	14	14	11
20	76	40	101	162	3,670	700	116	56	65	10	16	10
21	22	35	149	108	4,180	813	102	49	77	22	16	9.5
22	18	83	66	86	986	239	100	105	37	10	12	9.5
23	16	232	56	86	366	177	94	163	28	10	12	8.6
24	15	74	55	72	233	144	88	58	24	26	20	7.7
25	14	54	50	59	347	127	82	40	21	22	15	7.2
26	14	45	48	76	177	116	158	50	20	17	11	6.8
27	15	43	45	69	139	154	108	39	18	19	11	6.8
28	14	39	45	65	573	2,650	82	32	15	12	11	6.8
29	14	111	952	61	-----	934	69	28	14	11	10	6.3
30	397	53	426	54	-----	2,010	68	24	14	9.5	7.7	6.3
31	209	-----	2,210	55	-----	2,910	-----	23	-----	8.6	7.7	-----
TOTAL	1,592.8	2,165	5,236	4,339	14,342	19,292	6,344	4,072	953	677.1	939.3	655.5
MEAN	51.4	72.2	169	140	519	622	211	131	31.8	21.8	30.3	21.9
MAX	397	307	2,210	814	4,180	2,910	1,800	1,440	163	152	415	94
MIN	6.0	17	33	54	45	110	68	23	14	8.6	4.8	6.3
CFSM	.38	.53	1.24	1.03	3.62	4.58	1.55	.97	.23	.16	.22	.16
IN.	.44	.59	1.43	1.19	3.98	5.28	1.73	1.11	.26	.19	.26	.18

CAL YR 1960: TOTAL 54,700.9 MEAN 149 MAX 4,580 MIN 2.6 CFSM 1.10 IN 14.96
 WAT YR 1961: TOTAL 60,807.7 MEAN 167 MAX 4,180 MIN 4.8 CFSM 1.23 IN 14.63

2-4360 Chlwa Creek at Shannon, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	188	12	84	588	209	475	148	290	257	36	175	14
2	55	12	81	233	184	317	118	156	447	32	33	12
3	75	97	75	186	167	265	113	120	236	33	31	20
4	30	71	74	166	158	230	113	102	332	31	22	15
5	20	148	140	3,810	154	197	119	92	275	30	18	12
6	17	59	132	2,490	138	170	418	84	115	341	18	12
7	14	38	108	422	125	156	244	78	82	76	16	11
8	14	32	83	262	140	161	170	72	68	43	15	10
9	12	30	1,560	210	142	1,060	303	66	65	30	13	10
10	13	28	2,090	180	116	841	166	65	56	24	12	40
11	12	29	2,000	160	105	725	13,100	60	54	25	12	15
12	12	32	3,590	150	103	339	4,740	53	117	36	12	8.1
13	12	1,190	450	150	102	222	640	50	100	32	12	9.2
14	12	569	293	200	96	182	414	46	52	26	11	16
15	11	656	333	1,770	135	168	327	43	41	22	10	13
16	11	677	1,090	399	446	152	273	40	36	20	11	20
17	12	208	6,730	278	161	137	246	39	34	20	11	15
18	12	150	5,170	254	702	132	228	36	32	19	11	12
19	12	126	625	341	692	131	211	34	32	18	11	11
20	12	106	383	233	238	136	192	30	32	18	10	10
21	12	92	306	204	553	270	178	28	32	18	10	8.0
22	13	258	265	206	920	144	166	26	38	20	9.6	8.0
23	13	2,620	258	1,710	5,390	131	167	24	43	18	9.6	8.0
24	12	452	208	462	880	124	166	23	28	18	19	8.0
25	12	230	184	1,110	541	473	154	20	214	146	50	8.0
26	12	174	170	1,950	536	270	149	18	138	79	26	20
27	12	148	449	3,050	614	164	136	16	50	30	15	15
28	12	120	241	1,230	2,740	146	230	18	40	59	13	12
29	12	102	161	382	-----	132	180	18	122	43	12	10
30	12	92	137	291	-----	134	137	2,430	46	27	14	8.0
31	12	-----	588	238	-----	225	-----	344	-----	32	12	-----
TOTAL	690	8,558	28,058	23,317	16,487	8,409	23,946	4,521	3,214	1,402	654.2	390.3
MEAN	22.3	285	905	758	589	271	798	146	107	45.2	21.1	13.0
MAX	188	2,620	6,730	3,810	5,390	1,060	13,100	2,430	447	341	175	40
MIN	11	12	74	150	96	124	113	16	28	18	9.6	8.0
CFSM	.16	2.10	6.66	5.53	4.33	1.99	5.87	1.07	.79	.33	.16	.10
IN.	.19	2.34	7.67	6.38	4.51	2.30	6.55	1.24	.88	.38	.18	.11

CAL YR 1961: TOTAL 89,119.9 MEAN 244 MAX 6,730 MIN 8.0 CFSM 1.80 IN 32.37
 MAY YR 1962: TOTAL 119,646.5 MEAN 328 MAX 13,100 MIN 8.0 CFSM 2.41 IN 32.72

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12	9.6	16	20	50	135	45	135	48	48	71	12
2	16	9.6	16	20	69	116	42	83	39	27	39	10
3	14	10	16	19	134	69	40	62	35	57	31	9.8
4	12	10	17	19	52	62	38	53	31	25	26	779
5	11	10	19	24	47	2,120	36	42	29	18	23	310
6	11	9.5	20	20	42	547	232	36	25	14	21	72
7	10	9.5	17	19	41	263	211	32	24	12	20	38
8	10	9.5	17	18	39	204	92	28	20	210	40	29
9	9.6	10	16	18	38	194	70	24	20	33	20	26
10	9.6	10	16	19	34	180	58	21	18	18	17	23
11	8.8	35	16	54	240	1,240	51	20	16	14	36	20
12	8.5	23	16	46	102	6,250	45	19	15	12	92	70
13	8.5	16	18	24	58	640	41	18	14	15	24	163
14	8.5	15	21	20	48	353	38	18	14	430	25	31
15	8.5	14	25	18	41	280	38	16	14	79	18	25
16	8.8	14	20	18	39	446	38	14	49	42	16	22
17	9.2	16	16	18	37	324	35	14	190	519	14	20
18	9.2	72	15	25	43	198	34	14	45	1,590	14	18
19	8.8	31	15	30	434	158	33	11	78	416	14	16
20	8.8	27	15	33	132	123	36	11	303	488	14	16
21	12	25	38	26	76	100	31	11	199	1,170	15	14
22	18	20	64	24	53	87	36	11	79	173	14	13
23	10	17	30	43	52	82	29	12	42	113	13	11
24	9.2	16	22	40	60	71	28	11	619	83	13	11
25	10	17	60	33	52	72	275	38	154	114	13	11
26	9.6	20	50	34	50	120	145	567	60	95	13	11
27	9.6	17	30	45	44	72	54	668	67	92	12	14
28	9.6	16	25	38	45	63	433	1,120	129	79	11	18
29	10	18	60	33	-----	55	1,730	290	62	54	68	16
30	10	17	26	136	-----	50	436	93	35	60	39	12
31	10	-----	73	76	-----	47	-----	61	-----	106	14	-----
TOTAL	320.8	543.7	775	1,010	2,152	14,721	4,444	3,553	2,463	6,206	800	1,840.8
MEAN	10.3	18.1	25.0	32.6	76.9	475	148	115	82.1	200	25.8	61.4
MAX	18	72	64	136	434	6,250	1,730	1,120	619	1,590	92	779
MIN	8.5	9.5	15	18	34	47	28	11	14	12	11	9.8
CFSM	.08	.13	.18	.24	.57	3.49	1.09	.86	.40	1.67	.45	.50
IN.	.09	.15	.21	.28	.59	4.03	1.22	.97	.67	1.70	.22	.50

CAL YR 1963: TOTAL 93,289.9 MEAN 280 MAX 13,100 MIN 8.0 CFSM 1.92 IN 28.82
 MAY YR 1964: TOTAL 119,646.5 MEAN 328 MAX 13,100 MIN 8.0 CFSM 2.41 IN 32.72

2-4360 Chiwapa Creek at Shannon, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12	18	20	44	108	136	100	166	60	79	66	8.6
2	11	38	20	25	90	2,210	95	482	40	104	25	7.8
3	10	18	21	36	80	694	90	381	36	113	19	7.0
4	10	17	18	31	70	1,970	914	188	34	37	15	6.7
5	11	69	18	24	504	1,260	1,570	140	32	29	20	6.4
6	10	47	17	243	473	341	2,540	100	31	27	17	6.4
7	9.0	24	17	188	182	586	550	90	30	40	15	6.4
8	9.0	18	37	258	132	627	240	80	28	30	14	6.4
9	8.0	18	31	2,170	110	527	174	90	26	197	14	6.4
10	8.0	17	24	296	90	552	155	147	25	40	12	6.1
11	8.0	15	1,490	191	80	198	148	120	29	588	15	6.1
12	8.0	12	824	612	72	154	1,310	100	26	1,050	26	5.5
13	8.0	12	123	193	425	132	2,840	80	30	225	14	5.2
14	8.0	12	80	125	250	3,230	528	100	22	110	12	5.2
15	8.0	11	49	105	1,840	5,080	292	90	20	78	12	5.5
16	8.0	12	33	97	533	560	215	80	20	103	52	5.5
17	8.0	13	28	89	257	348	187	70	20	64	30	6.4
18	8.0	13	25	82	448	255	168	60	20	49	18	7.4
19	7.6	13	17	82	246	216	161	55	19	40	14	7.4
20	7.2	13	18	169	174	215	158	50	18	35	13	6.7
21	7.2	18	16	93	144	167	152	45	16	32	12	5.8
22	7.6	18	17	77	127	137	176	45	16	30	12	5.5
23	7.6	121	32	69	116	125	449	50	23	49	11	5.5
24	8.0	33	31	1,060	109	120	656	45	22	29	11	5.2
25	9.5	25	30	570	122	1,460	348	42	18	29	11	4.9
26	10	21	32	180	115	638	760	40	15	24	12	4.9
27	10	20	99	134	106	185	1,500	38	14	23	11	5.5
28	10	20	45	108	623	140	348	37	14	21	9.8	6.5
29	10	42	32	90	167	130	316	35	15	19	9.0	10.7
30	10	26	24	80	-----	120	179	35	62	20	8.6	25
31	11	-----	22	108	-----	110	-----	35	-----	34	9.0	-----
TOTAL	277.7	754	3,290	7,649	7,793	22,623	17,321	3,117	781	3,348	539.4	356.4
MEAN	8.96	25.1	106	247	150	730	101	26.0	23.0	17.4	17.4	11.9
MAX	12	121	1,490	2,170	1,840	5,080	2,840	482	62	1,050	66	100
MIN	7.2	11	16	24	70	110	90	35	14	19	8.6	4.9
CFSM	.07	.18	.78	1.81	1.98	5.37	4.25	.74	.19	.79	.13	.09
IN.	.08	.21	.90	2.09	2.13	6.19	4.74	.85	.21	.92	.15	.10

CAL YR 1963: TOTAL 41,511.5 MEAN 114 MAX 6,250 MIN 7.2 CFSM .84 IN 11.35
 MAY YR 1964: TOTAL 67,849.5 MEAN 185 MAX 5,080 MIN 4.9 CFSM 1.36 IN 18.55

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12	14	57	84	106	2,620	259	33	14	9.0	7.0	6.4
2	9.0	12	50	432	110	1,060	210	32	14	8.6	6.7	6.1
3	8.6	12	46	579	84	356	560	31	13	8.2	6.4	6.7
4	29	12	47	153	81	306	402	30	12	11	6.4	6.1
5	18	12	35	110	81	226	228	28	12	11	6.4	7.0
6	9.8	12	32	92	82	226	174	27	12	9.0	6.1	6.7
7	8.6	19	28	81	104	172	155	25	25	15	7.4	6.1
8	8.6	26	28	74	234	153	145	24	16	11	19	5.5
9	8.6	18	27	76	1,130	138	134	24	12	23	43	4.9
10	8.2	16	26	798	1,800	124	115	23	15	11	63	4.6
11	8.2	16	808	204	3,650	115	112	24	18	9.8	8.6	18
12	8.2	16	547	138	2,240	1,130	107	25	30	8.6	5.8	26
13	8.2	16	153	112	444	337	92	24	16	8.2	6.7	10
14	9.0	18	87	94	293	180	86	21	25	7.8	5.8	6.4
15	11	16	70	88	217	306	101	20	19	11	5.2	5.8
16	11	16	59	87	186	201	101	27	16	12	5.2	5.2
17	9.8	16	92	77	173	974	78	29	16	9.4	4.6	4.3
18	9.8	26	232	75	155	334	71	28	14	20	4.0	4.3
19	9.8	227	101	70	142	156	99	30	12	9.8	4.6	4.3
20	9.8	144	98	70	129	122	80	34	11	7.8	3.8	4.3
21	9.4	50	88	67	127	109	60	39	10	6.7	4.3	4.0
22	9.4	39	77	76	117	99	55	25	9.8	6.4	4.3	4.6
23	9.4	33	75	426	112	96	57	24	22	7.4	5.8	48
24	8.6	39	103	201	1,520	146	46	20	47	7.8	21	21
25	9.0	119	635	129	790	555	44	19	16	64	12	12
26	9.0	53	174	107	331	3,410	46	18	12	20	7.4	7.8
27	9.0	42	115	90	252	501	62	32	12	18	6.4	7.4
28	23	877	90	86	204	298	46	31	11	11	25	7.8
29	41	152	81	82	-----	2,500	42	21	11	9.4	19	7.4
30	17	75	147	81	-----	1,150	39	17	9.8	8.2	8.6	10
31	15	-----	122	78	-----	379	-----	15	-----	6.7	6.7	-----
TOTAL	375.0	2,143	4,330	4,917	14,894	18,479	3,808	800	482.6	386.8	346.2	278.7
MEAN	12.1	71.4	140	159	532	596	127	25.8	16.1	12.5	11.2	9.29
MAX	41	877	808	798	3,650	3,410	560	39	47	64	63	48
MIN	8.2	12	26	67	81	96	39	15	9.8	6.4	3.8	4.0
CFSM	.09	.53	1.03	1.17	3.91	4.38	.93	.19	.12	.09	.08	.07
IN.	.10	.59	1.18	1.34	4.07	5.05	1.04	.22	.13	.11	.09	.08

CAL YR 1964: TOTAL 70,375.8 MEAN 192 MAX 5,080 MIN 5.9 CFSM 1.61 IN 12.24
 MAY YR 1965: TOTAL 51,240.3 MEAN 140 MAX 3,650 MIN 3.8 CFSM 1.05 IN 14.01

2-4365. West Fork Tombigbee River near Nettleton, Miss

Location --Lat 34°03'32", long 88°37'40", in NW 1/4 sec 12, T 12 S, R 6 E, Chickasaw meridian, on right bank at downstream side of bridge on U S Highway 45, 1.9 miles downstream from Tallabinnella Creek, 2 miles downstream from Tubbalubba Creek, and 2.1 miles south of Nettleton

Drainage area --617 sq mi

Records available --October 1939 to September 1965 Monthly discharge only for October 1939, published in WSP 1304

Gage --Digital water-stage recorder Datum of gage is 194.01 ft above mean sea level, datum of 1929 [Corps of Engineers bench mark] Prior to July 27, 1964, graphic water-stage recorder at present site Prior to Oct 1, 1947, at datum 10.00 ft higher

Average discharge --26 years, 921 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (15,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	0900	* 23,200	28 30	Jan 6, 1962	0600	19,100	27 18	Mar 15, 1964	1900	* 35,000	29 40
Mar 31, 1961	1200	17,400	26 67	Jan 27, 1962	0900	19,200	27 20	Apr 6, 1964	1000	18,700	27 10
				Feb 23, 1962	1900	18,000	26 88	Apr 13, 1964	1800	16,900	26 74
Nov 23, 1961	1700	15,500	26 02	Apr 12, 1962	0400	* 64,200	32 16				
Dec 10, 1961	0600	15,300	25 98					Feb 12, 1965	0500	* 19,100	27 18
Dec 12, 1961	1500	20,500	27 57	Mar 12, 1963	1800	* 28,600	29 26				
Dec 18, 1961	1400	27,500	29 08	July 18, 1963	0200	15,300	25 97				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	-	-	-	1964	Sept 25-27, 1964	10	5 07
1962	Sept 25, 1962	13	5 16	1965	Aug 18, 1965	6 1	5 23
1963	Oct 15, 1962	9 7	5 11				

1939-65 Maximum discharge, 151,000 cfs Mar 22, 1955 (gage height, 33.88 ft), minimum, 0.8 cfs

Sept 14, 15, 1942

Maximum stage known since at least 1892, that of Mar 22, 1955 Flood of Dec 24, 1926, reached a stage of 32.5 ft, present datum, from floodmark

Remarks --Records good

Revisions (water years) --WSP 1504 1948

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	43	648	186	10,800	172	2,160	9,210	262	70	38	20	205
2	34	186	147	4,840	286	803	2,420	258	65	201	40	137
3	28	120	130	1,140	980	608	1,080	210	60	78	40	293
4	24	90	118	692	383	537	828	190	55	58	25	635
5	27	80	113	549	253	658	700	180	50	39	20	120
6	1,430	75	107	462	232	1,810	577	839	45	33	30	200
7	547	70	126	400	2,630	4,760	520	625	604	39	40	143
8	2,290	65	140	354	3,390	11,300	471	245	765	51	60	88
9	2,060	400	126	295	1,030	7,940	1,760	1,120	192	36	172	70
10	239	2,770	111	267	590	3,870	1,390	352	100	30	36	52
11	118	558	1,410	250	444	936	602	232	120	29	25	47
12	86	229	964	234	370	800	8,640	196	178	44	20	59
13	70	164	276	229	321	3,010	4,730	172	137	46	15	47
14	59	136	208	336	292	2,120	1,090	150	221	46	10	270
15	78	116	208	849	267	727	727	4,350	195	36	3,060	102
16	80	626	218	483	250	372	624	847	84	59	7,430	56
17	46	980	172	301	278	534	486	301	74	73	1,530	42
18	42	248	151	259	5,260	6,770	412	230	78	49	231	34
19	72	167	140	1,590	5,740	2,640	382	192	73	36	130	34
20	503	132	743	1,290	11,600	1,930	399	159	153	32	127	33
21	107	116	1,300	455	21,600	6,700	332	150	370	74	116	31
22	65	247	350	267	14,400	1,920	306	139	153	45	80	30
23	52	1,590	232	286	7,430	812	289	345	99	41	75	29
24	46	469	224	250	1,800	650	273	232	78	122	272	26
25	42	250	211	186	2,260	550	260	143	66	73	138	24
26	40	186	196	232	1,350	500	406	139	59	47	74	24
27	40	158	188	261	790	700	337	153	56	69	55	24
28	40	138	167	186	2,680	9,370	260	120	51	42	42	23
29	38	642	3,140	172	-----	9,120	236	100	46	43	38	22
30	1,360	410	5,480	172	-----	9,560	90	41	38	31	22	
31	2,540	-----	6,450	164	-----	15,600	-----	80	-----	25	29	-----
TOTAL	12,246	12,086	23,733	28,251	87,078	109,067	39,941	12,821	4,338	1,672	14,011	2,922
MEAN	395	403	766	911	3,110	3,518	1,331	414	145	53.9	452	97.4
MAX	2,540	2,770	6,450	10,800	21,600	15,600	9,210	4,350	765	201	7,430	635
MIN	24	65	107	164	172	500	234	80	41	29	10	22
CFSM	.64	.65	1.24	1.48	5.04	5.70	2.16	.67	.23	.09	.73	.16
IN.	.74	.73	1.43	1.70	5.25	6.57	2.41	.77	.26	.10	.84	.18

CAL YR 1960: TOTAL 288,321.0 MEAN 788 MAX 12,000 MIN 10 CFSM 1.26 IN 17.38
 MAY YR 1961: TOTAL 348,166 MEAN 954 MAX 21,600 MIN 10 CFSM 1.55 IN 20.99

Note --No gage-height record July 31 to Aug 8, Aug 11-14

MOBILE RIVER BASIN

2-4365 West Fork Tombigbee River near Nettleton, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	274	27	287	4,650	937	6,990	689	859	578	119	304	30
2	262	28	271	1,920	734	2,170	422	620	1,180	103	105	134
3	169	218	260	826	623	1,260	354	316	432	101	80	31
4	100	395	251	648	593	980	336	250	931	97	73	22
5	58	482	410	11,200	542	821	368	221	1,370	102	55	17
6	45	436	496	17,500	497	650	2,320	202	404	2,430	210	15
7	39	144	414	11,800	425	600	1,940	184	248	1,720	70	15
8	36	96	302	5,440	455	560	836	171	260	228	47	15
9	34	79	2,700	1,390	551	4,520	1,410	152	220	144	40	18
10	32	73	12,500	984	440	3,730	761	142	167	109	35	122
11	28	72	11,900	850	371	5,510	18,500	134	163	92	31	51
12	28	72	18,600	750	357	1,910	48,600	119	269	96	28	22
13	27	5,530	11,900	700	349	965	18,300	103	589	115	26	17
14	23	8,640	5,010	700	331	700	5,950	97	195	87	26	25
15	22	3,260	2,130	8,130	323	600	2,110	94	140	67	24	24
16	20	4,580	5,170	4,760	1,890	536	1,080	87	117	58	24	118
17	21	1,630	18,300	1,320	870	470	695	85	103	65	23	82
18	22	491	25,300	854	1,410	443	575	78	18	60	22	31
19	22	374	17,700	1,640	4,240	434	494	73	83	48	21	22
20	22	306	7,640	965	1,240	431	431	62	97	42	18	17
21	22	253	2,420	800	1,450	1,070	376	59	83	40	18	15
22	22	399	1,420	650	5,290	584	349	58	73	154	18	15
23	22	12,800	1,010	7,790	14,900	440	346	53	107	67	18	15
24	23	9,010	733	5,310	13,700	398	349	49	69	43	26	14
25	26	2,540	564	4,800	6,000	1,860	313	49	2,640	190	54	13
26	26	644	491	7,140	4,810	1,400	304	46	2,070	228	54	24
27	22	481	1,150	17,200	6,380	623	279	42	354	80	34	37
28	23	404	1,220	13,000	10,800	479	419	39	215	78	28	24
29	22	347	611	5,960	-----	422	645	42	255	119	22	16
30	22	306	469	2,000	-----	387	339	4,430	148	66	22	14
31	27	1,330	1,240	-----	-----	1,840	-----	3,360	-----	52	22	-----
TOTAL	1,539	54,134	153,159	142,917	80,508	43,803	109,890	12,276	13,656	7,000	1,578	1,015
MEAN	49.6	1,804	4,941	4,610	2,875	1,413	3,663	396	455	226	50.9	33.8
MAX	274	12,800	25,300	17,500	14,900	6,990	48,600	4,430	2,640	2,430	304	134
MIN	20	27	251	648	323	387	279	59	69	40	18	30
CFSM	.08	2.92	8.01	7.47	4.64	2.29	5.94	.74	.37	.42	.08	.04
IN.	.09	3.26	9.23	8.61	4.85	2.64	6.62	.74	.82	.40	.10	.06

CAL YR 1961: TOTAL 508,933 MEAN 1,394 MAX 25,300 MIN 10 CFSM 2.26 IN 30.68
 MAY YR 1962: TOTAL 621,475 MEAN 1,705 MAX 48,600 MIN 13 CFSM 2.76 IN 37.46

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	15	15	33	84	274	513	157	2,720	238	318	955	80
2	23	15	30	71	358	628	150	548	178	162	319	60
3	26	17	29	68	911	308	114	363	148	378	216	50
4	17	16	30	34	353	241	135	282	128	382	178	1,360
5	16	15	38	58	244	7,070	128	246	107	120	146	1,070
6	15	17	41	60	198	8,820	4,620	379	94	80	135	221
7	13	18	39	68	171	1,770	987	241	83	60	130	90
8	13	19	34	62	148	557	425	181	78	237	160	60
9	14	19	31	54	133	449	268	148	70	130	110	48
10	15	20	29	53	122	479	218	126	65	72	90	41
11	15	20	29	77	831	1,310	178	116	60	56	80	37
12	14	79	28	276	899	21,400	155	452	55	45	196	55
13	13	58	27	122	304	18,200	130	216	51	45	124	195
14	12	33	26	75	226	5,300	120	126	48	1,820	100	63
15	10	26	26	60	174	1,760	111	103	45	455	90	41
16	16	22	39	50	148	1,770	111	88	55	327	80	40
17	21	26	40	95	141	1,230	107	92	1,340	6,290	75	36
18	16	189	38	72	146	693	99	113	196	13,600	70	32
19	14	101	33	99	1,800	509	97	74	103	8,750	65	31
20	11	69	33	153	813	425	111	65	1,510	1,860	60	29
21	15	64	63	103	363	324	109	60	1,060	5,050	55	24
22	29	50	22	84	226	268	94	55	640	989	50	21
23	22	40	97	251	198	248	84	50	487	413	48	19
24	15	36	69	150	218	236	71	48	2,600	313	46	19
25	14	36	191	110	206	231	395	149	4,040	579	44	20
26	15	38	181	90	181	332	508	3,760	820	488	42	20
27	15	37	126	150	150	274	234	4,570	358	294	40	23
28	14	34	92	140	146	221	1,250	3,560	704	730	40	29
29	13	33	234	100	-----	196	9,650	2,440	372	372	76	28
30	15	36	184	698	-----	178	7,000	574	251	392	191	25
31	16	-----	107	544	-----	166	-----	321	-----	1,550	120	-----
TOTAL	492	1,198	2,221	4,100	10,082	76,106	27,848	22,276	15,984	46,357	4,131	3,867
MEAN	15.9	39.9	71.6	132	360	2,455	928	719	533	1,495	133	129
MAX	29	189	234	698	1,800	21,400	9,650	4,570	4,040	13,600	955	1,360
MIN	10	15	26	50	122	166	71	48	45	45	40	19
CFSM	.03	.06	.12	.21	.58	3.98	1.6	1.16	.86	2.82	.22	.21
IN.	.03	.07	.13	.25	.61	4.59	1.68	1.34	.96	2.79	.25	.23

CAL YR 1962: TOTAL 216,222 MEAN 1,141 MAX 21,400 MIN 10 CFSM 1.93 IN 22.44
 MAY YR 1963: TOTAL 214,862 MEAN 988 MAX 21,400 MIN 10 CFSM 1.93 IN 22.44

2-4365 West Fork Tombigbee River near Nettleton, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	24	23	43	149	461	617	420	535	263	178	210	30
2	22	47	39	165	354	5,870	401	4,430	154	670	67	26
3	22	28	37	304	301	8,580	387	3,780	98	300	59	23
4	22	21	35	349	275	4,370	3,530	938	79	200	55	28
5	23	107	34	228	1,150	6,700	4,520	574	67	100	140	18
6	21	84	33	880	2,670	3,720	15,100	444	63	70	87	17
7	18	42	30	1,570	1,020	1,600	12,700	365	63	150	62	16
8	19	30	49	761	532	2,430	5,200	340	55	127	59	15
9	20	23	63	8,080	418	1,720	1,460	360	52	432	67	15
10	19	23	53	4,560	362	3,450	973	484	50	95	62	15
11	18	23	4,820	1,050	312	1,200	695	387	212	1,430	72	13
12	18	31	6,320	2,060	283	800	5,020	394	393	4,610	89	25
13	17	23	1,750	1,310	1,440	800	14,700	358	218	2,650	58	23
14	16	21	449	493	5,200	5,200	9,050	250	79	430	50	19
15	15	21	278	398	6,080	26,800	4,370	200	60	220	45	18
16	16	23	210	373	7,080	21,800	1,240	170	50	196	1,400	21
17	16	22	174	327	2,420	4,260	900	150	55	296	412	20
18	16	22	172	317	2,050	2,560	600	130	60	177	130	11
19	16	24	312	312	1,360	1,500	450	120	90	103	75	10
20	15	25	129	799	810	1,090	400	110	45	93	65	16
21	14	35	119	540	559	900	373	105	42	80	60	13
22	16	38	107	352	500	800	425	100	40	120	55	13
23	16	206	107	304	450	750	1,420	110	40	598	50	12
24	16	98	100	3,460	404	700	4,820	130	169	226	45	11
25	16	54	84	6,880	438	5,170	3,210	119	60	107	40	11
26	19	43	135	1,420	481	6,790	2,920	103	45	96	55	10
27	18	39	435	642	412	3,430	8,470	93	40	79	55	11
28	16	34	301	473	2,450	3,900	3,390	79	35	65	50	230
29	15	75	228	382	1,070	700	1,020	94	35	67	50	455
30	15	66	179	346	550	550	679	79	50	60	40	149
31	16	-----	142	376	-----	450	-----	78	-----	94	35	-----
TOTAL	550	1,355	16,789	40,460	38,042	128,107	108,843	15,531	2,722	14,104	3,782	1,306
MEAN	17.7	42.2	542	1,305	1,312	4,122	3,420	503	90.3	122	43.5	43.5
MAX	24	206	6,320	8,890	7,080	26,800	15,100	4,430	393	4,610	1,400	455
MIN	14	21	30	149	275	450	373	78	35	57	35	10
CFSM	.03	.07	.88	2.12	2.13	6.70	5.88	.81	.15	.74	.20	.07
IN.	.03	.08	1.01	2.44	2.29	7.72	6.56	.94	.16	.85	.23	.08

CAL YR 1963: TOTAL 229,445 MEAN 1,679 MAX 21,400 MIN 14 CFSM 1.02 IN 13.83
 MAY YR 1964: TOTAL 371,391 MEAN 1,013 MAX 28,800 MIN 10 CFSM 1.25 IN 22.43

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	63	31	212	380	291	4,410	1,190	133	60	22	15	22
2	49	29	174	761	524	7,680	906	117	55	23	12	18
3	40	27	161	2,700	327	2,880	1,370	105	50	23	12	15
4	301	27	549	859	283	1,170	2,520	97	45	24	11	15
5	127	27	306	477	268	890	1,300	93	40	29	11	15
6	59	27	162	392	272	966	845	90	36	25	13	13
7	53	30	130	352	383	762	854	82	110	42	16	12
8	51	44	118	320	606	621	656	75	86	48	54	11
9	43	35	111	304	5,470	547	557	69	57	60	93	10
10	40	33	103	3,110	7,340	458	499	63	250	33	101	10
11	38	31	2,490	2,160	13,000	397	420	64	113	27	35	369
12	36	28	4,100	669	14,600	2,720	380	75	154	20	17	471
13	34	31	1,210	485	7,240	1,640	350	64	82	19	12	69
14	35	35	477	392	2,330	765	320	57	69	19	11	35
15	35	30	334	343	1,240	1,190	350	50	67	26	9.4	25
16	31	29	278	345	810	922	400	75	84	43	8.2	18
17	29	30	342	279	621	3,000	300	267	66	37	7.0	15
18	28	35	1,450	273	509	2,350	260	156	95	40	7.0	14
19	27	549	505	264	422	800	240	93	45	20	9.8	13
20	26	573	453	256	355	550	230	97	39	17	22	12
21	25	161	536	244	328	451	226	79	34	17	14	12
22	24	90	396	259	278	410	203	60	31	19	12	12
23	23	71	353	1,600	256	390	193	55	29	19	147	260
24	50	112	335	1,080	3,160	643	188	48	264	66	135	116
25	35	604	2,300	637	6,280	2,810	171	43	66	117	159	37
26	27	235	1,330	447	2,180	8,680	203	60	41	43	42	21
27	26	136	541	355	941	7,320	328	80	32	90	61	21
28	68	3,290	303	288	698	4,360	216	168	26	171	33	17
29	99	1,460	314	275	-----	5,220	163	130	27	24	426	15
30	57	325	582	264	-----	8,210	142	90	24	19	49	22
31	39	-----	782	231	-----	3,360	-----	70	-----	16	26	-----
TOTAL	1,658	8,165	21,501	20,781	71,012	76,512	15,982	2,737	2,140	1,060	1,678.4	1,687
MEAN	53.5	272	642	669	2,312	2,468	503	86.3	71.3	34.2	54.1	54.1
MAX	301	3,290	4,100	3,110	14,600	8,680	2,520	267	264	117	426	471
MIN	24	27	103	231	256	390	142	43	24	16	7.0	10
CFSM	.09	.44	1.12	1.09	4.11	4.00	.86	.14	.12	.06	.09	.09
IN.	.10	.49	1.30	1.25	4.28	4.61	.96	.16	.13	.06	.10	.10

CAL YR 1964: TOTAL 384,221 MEAN 1,050 MAX 26,800 MIN 10 CFSM 1.70 IN 23.16
 MAY YR 1965: TOTAL 224,913.4 MEAN 616 MAX 14,600 MIN 7.0 CFSM 1.00 IN 13.56

2-4370 Tombigbee River near Amory, Miss

Location --Lat 33°59'10", long 88°33'05", in NE¹ sec 3, T 13 S, R 7 E, Chickasaw meridian, near right bank on downstream side of bridge on U S Highway 278 (formerly State Highway 41), 0.3 mile downstream from confluence of East and West Forks of Tombigbee River and 3½ miles west of Amory

Drainage area --1,941 sq mi

Records available --October 1937 to September 1965 Monthly discharge only for October and November 1937, published in WSP 1304

Gage --Water-stage recorder Datum of gage is 178.34 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) Prior to Oct 10, 1939, staff gage at site 1,500 ft upstream at present datum Oct 10, 1939, to Apr 25, 1944, staff gage and Apr 26, 1944, to Oct 16, 1948, wire-weight gage, at present site and datum Water-stage recorder for station at Aberdeen, 20 miles downstream, was used as an auxiliary gage for this station 1950-58

Average discharge --28 years, 3,012 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (15,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	0100	* 31,700	26.82	Jan 28, 1962	1700	28,600	26.15	Apr 14, 1964	0800	23,000	24.34
Mar 11, 1961	2300	18,400	23.30	Mar 1, 1962	1000	25,800	25.50	Apr 28, 1964	0100	16,500	22.16
Apr 1, 1961	0800	25,600	25.44	Apr 13, 1962	0300	* 82,000	32.32	Feb 12, 1965	2200	* 29,300	26.30
Nov 24, 1961	1100	15,200	22.10	Mar 13, 1963	1800	* 29,400	25.96	Mar 30, 1965	0700	24,000	25.04
Dec 14, 1961	0900	29,100	26.26	Mar 17, 1964	1600	* 47,200	29.15				
Dec 19, 1961	0700	32,700	30.01	Apr 8, 1964	1000	24,200	24.68				
Jan 7, 1962	0300	20,700	24.06								

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	-	-	-	1964	Oct 21, 1963	136	3.38
1962	Sept 9, 1962	168	a 3.20	1965	Aug 6, 1965	182	3.17
1963	Oct 20, 1962	165	3.42				

a Occurred Oct 30, 1961

1937-65 Maximum discharge, 126,000 cfs Mar 22, 1955, maximum gage height, 34.47 ft Mar 23, 1955, minimum discharge, 45 cfs Sept 20, 1954, minimum gage height, 0.77 ft Sept 1, 1943

Remarks --Records good

Cooperation --Gage-height record and 51 discharge measurements furnished by Corps of Engineers

Revisions (water years) --WSP 1504 1948

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	823	3,000	1,590	10,900	1,120	9,200	25,000	1,420	658	397	295	558
2	650	2,560	1,390	10,600	1,190	6,660	18,900	1,530	592	522	282	724
3	479	2,520	1,220	7,080	2,330	5,360	14,200	1,440	542	432	274	554
4	361	2,100	1,120	6,350	2,120	4,560	11,900	1,240	506	368	287	1,060
5	318	1,880	1,010	7,120	1,910	4,370	9,430	1,090	506	326	269	950
6	1,290	1,630	931	6,240	1,650	5,090	7,280	1,540	522	306	250	1,140
7	1,340	1,140	905	4,830	3,110	6,560	5,640	2,790	1,170	311	248	1,420
8	3,090	868	922	3,890	6,440	12,200	4,510	1,880	1,560	323	259	1,060
9	3,850	908	914	3,300	4,080	12,900	4,930	2,780	1,270	326	443	840
10	2,080	4,400	855	2,790	3,370	13,100	6,000	2,120	1,260	356	269	686
11	1,720	2,820	1,980	2,210	3,080	16,300	4,330	1,760	1,440	331	240	550
12	1,500	2,560	2,420	1,820	2,900	16,800	8,410	1,490	1,610	337	220	476
13	1,190	2,340	1,800	1,660	2,930	13,700	11,400	1,360	1,260	352	200	422
14	819	1,860	1,560	1,660	2,900	11,600	7,430	1,140	1,160	362	190	680
15	636	1,600	1,350	2,330	2,690	8,540	6,130	4,830	1,080	411	3,180	700
16	619	1,630	1,290	2,290	2,310	6,660	6,600	4,630	940	394	11,800	530
17	619	2,510	1,160	2,020	1,840	5,470	6,060	2,450	880	418	9,800	458
18	589	1,940	1,020	1,760	5,150	9,630	4,880	1,890	820	384	4,550	394
19	575	1,780	922	2,800	8,060	10,400	3,970	1,550	771	401	2,710	346
20	1,210	1,570	1,330	3,570	9,970	7,670	3,480	1,300	810	352	1,930	320
21	1,240	1,340	2,960	2,650	25,500	11,500	3,040	1,130	1,440	465	1,340	300
22	1,230	2,200	2,200	2,240	29,100	11,300	2,610	1,240	1,600	401	290	290
23	879	3,180	1,940	2,000	24,000	9,520	2,210	1,280	1,490	394	705	280
24	611	2,470	1,550	1,790	19,400	8,710	1,890	1,200	1,160	691	1,050	270
25	728	2,290	1,410	1,580	17,500	8,210	1,710	1,160	1,000	663	1,430	260
26	626	1,920	1,340	1,460	14,200	6,680	1,730	1,090	825	522	1,660	250
27	538	1,600	1,210	1,100	10,400	5,340	1,890	1,140	672	738	1,120	240
28	492	1,410	1,100	1,420	9,400	6,100	1,770	1,130	571	571	860	230
29	460	1,600	2,480	1,280	-----	14,200	1,510	965	510	436	728	220
30	1,110	1,820	7,180	1,170	-----	14,000	1,340	855	446	388	600	210
31	4,310	-----	6,600	1,130	-----	19,900	-----	733	-----	320	518	-----
TOTAL	36,172	60,436	55,659	103,440	218,650	304,230	190,180	51,953	29,071	12,998	48,597	16,938
MEAN	1,167	2,015	1,795	3,337	7,089	9,814	6,339	1,676	969	419	1,568	565
MAX	4,310	4,400	7,180	10,900	29,100	19,900	25,000	4,830	1,610	738	11,800	1,580
MIN	318	868	855	1,130	1,120	4,370	1,340	733	446	306	190	210
CFSM	.60	1.04	.93	1.72	4.02	5.06	3.27	.86	.50	.22	.81	.29
IN.	.69	1.16	1.07	1.98	4.19	5.83	3.64	1.00	.56	.25	.93	.32

CAL YR 1960: TOTAL 936,338 MEAN 2,558 MAX 21,700 MIN 124 CFMS 1.32 IN 17.94
WAT YR 1961: TOTAL 1,128,324 MEAN 3,091 MAX 29,100 MIN 190 CFMS 1.56 IN 21.62

Note --No gage-height record Aug 11-14, Sept 20-30

MOBILE RIVER BASIN

481

2-4370 Tombigbee River near Amory, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	400	225	3,400	7,200	13,600	25,300	4,780	2,590	3,430	901	858	208
2	1,200	234	2,800	6,390	10,200	20,700	4,020	2,570	3,360	716	749	354
3	995	366	2,120	4,390	7,470	16,900	4,090	2,940	2,400	615	774	238
4	965	1,320	1,820	3,800	5,780	13,300	3,770	1,880	2,620	567	686	260
5	757	1,330	1,930	7,920	4,730	10,000	3,210	1,720	3,560	493	661	227
6	640	1,660	2,300	17,600	4,090	7,410	5,520	1,560	2,180	2,560	1,000	188
7	518	1,020	2,400	20,200	3,590	5,730	6,930	1,410	1,580	3,320	703	180
8	422	880	2,140	19,500	3,280	4,700	5,320	1,300	1,260	1,170	615	175
9	356	752	2,900	17,600	3,210	7,200	5,560	1,190	1,270	833	486	172
10	314	645	10,900	15,000	2,970	8,490	5,330	1,110	1,090	632	449	233
11	292	558	14,700	11,000	2,700	11,300	11,100	1,040	1,060	528	420	310
12	282	522	21,800	7,770	2,510	9,590	54,500	983	1,090	482	341	216
13	270	3,330	28,600	5,820	2,370	7,810	73,000	923	1,820	497	295	206
14	250	10,200	28,400	4,730	2,260	7,610	48,200	863	1,410	619	269	219
15	240	9,190	23,200	8,910	2,150	6,950	28,200	808	1,260	657	252	289
16	230	9,580	20,200	11,500	3,600	5,750	15,400	753	983	587	238	409
17	225	7,880	28,400	7,820	3,260	4,730	9,970	703	800	505	227	571
18	220	5,210	44,400	5,810	2,950	4,050	6,710	653	674	456	214	531
19	215	4,280	51,600	6,740	7,050	3,640	5,520	627	661	391	206	524
20	210	3,480	44,700	6,760	5,460	3,330	4,600	587	837	354	195	351
21	210	3,020	31,200	5,710	4,380	3,990	3,920	543	1,340	325	188	258
22	210	2,790	20,400	4,880	8,320	3,990	3,410	512	1,260	371	185	219
23	210	9,340	14,200	8,540	13,300	3,260	3,080	486	1,220	416	175	198
24	215	14,800	10,000	11,700	21,300	2,960	2,980	456	875	351	185	180
25	220	11,500	7,270	10,100	21,600	4,160	2,660	427	3,170	391	211	175
26	227	7,760	5,520	12,100	20,300	5,690	2,400	409	5,020	910	325	190
27	225	6,590	4,810	20,100	19,600	4,260	2,220	388	2,550	737	316	233
28	218	5,880	4,920	27,600	20,600	3,870	2,280	357	2,020	653	272	258
29	218	4,890	3,920	27,200	-----	3,500	2,810	351	1,810	699	246	289
30	216	4,020	3,400	21,700	-----	3,320	2,460	2,510	1,260	657	216	263
31	218	-----	3,370	17,500	-----	5,450	-----	6,990	-----	632	195	-----
TOTAL	11,388	133,252	447,720	363,590	222,630	228,540	334,350	38,739	53,870	23,025	12,152	8,124
MEAN	367	4,442	14,440	11,730	7,951	7,372	11,150	1,250	1,796	743	392	271
MAX	1,200	14,800	51,600	27,600	21,600	25,300	73,200	6,990	5,020	3,320	1,000	571
MIN	210	225	1,820	3,800	2,150	2,960	2,220	351	661	325	175	172
CFSM	-19	2.25	7.44	6.04	4.10	3.80	5.74	.84	.93	.38	.20	.11
IN.	.22	2.55	8.58	6.97	4.27	4.38	6.41	.74	1.03	.44	.23	.16

CAL YR 1962: TOTAL 1,298,917 MEAN 3,277 MAX 51,600 MIN 192 CFM 2.21 IN 39.97

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	233	188	330	900	1,880	1,280	1,220	10,700	9,750	1,920	2,840	462
2	224	188	330	800	1,680	1,150	1,340	6,840	6,460	1,620	1,920	376
3	235	195	330	700	2,700	1,780	1,090	6,460	4,630	2,030	1,750	312
4	269	198	330	650	2,100	1,560	1,040	5,830	3,300	2,090	1,630	1,070
5	289	195	350	600	1,890	4,420	993	4,430	2,280	1,340	1,140	2,280
6	241	198	370	580	1,620	13,000	1,170	4,860	1,380	964	787	926
7	208	198	390	560	1,440	10,100	2,420	4,420	1,050	842	632	532
8	206	203	400	551	1,230	6,270	2,160	3,630	863	909	594	414
9	206	201	400	535	1,060	6,000	1,880	3,040	720	813	547	350
10	216	206	380	509	953	5,270	1,720	2,420	608	632	522	309
11	238	208	350	512	1,380	4,370	1,520	1,640	536	554	525	288
12	224	244	320	795	2,410	12,400	1,270	1,530	479	458	558	276
13	206	341	300	829	1,720	27,000	1,080	1,480	421	414	496	417
14	190	351	280	740	1,600	27,700	960	1,420	388	2,720	472	297
15	182	391	260	700	1,470	26,700	871	1,270	385	1,530	475	262
16	188	344	280	680	1,310	20,800	821	1,080	360	1,360	518	256
17	206	301	300	660	1,090	14,400	771	1,030	1,940	3,340	434	265
18	190	490	340	660	957	9,870	720	918	1,630	11,300	382	268
19	180	657	380	660	2,870	6,940	695	766	1,130	13,500	356	254
20	170	703	409	700	2,960	5,060	666	678	2,940	8,650	350	232
21	172	703	416	800	2,280	3,840	678	600	3,270	8,330	421	232
22	208	650	500	850	1,820	3,100	687	547	3,440	6,260	417	219
23	224	550	500	950	1,560	2,620	653	514	2,850	3,900	500	201
24	219	500	500	920	1,380	2,180	584	489	4,700	2,520	411	189
25	233	450	600	871	1,260	1,820	1,140	507	10,600	2,850	350	182
26	203	400	700	900	1,160	1,820	1,420	4,650	7,360	3,360	318	178
27	188	370	900	950	1,030	1,850	1,100	7,570	4,740	2,850	318	178
28	188	350	1,000	950	953	1,720	2,000	9,590	3,980	2,980	356	189
29	190	1,100	1,000	1,000	-----	1,560	8,160	12,500	3,540	2,430	199	199
30	190	330	1,200	1,200	-----	1,440	13,100	11,800	2,450	2,270	565	206
31	193	-----	1,100	2,000	-----	1,320	-----	12,000	-----	3,080	511	-----
TOTAL	6,509	10,643	15,345	24,712	45,763	230,310	53,739	125,709	88,560	97,216	21,434	11,912
MEAN	210	345	495	797	1,634	7,425	1,751	4,055	2,952	3,153	691	384
MAX	289	703	1,200	2,000	2,960	27,700	13,100	12,500	10,600	13,500	2,840	2,280
MIN	170	188	260	509	953	1,280	584	489	360	414	318	178
CFSM	.11	.18	.26	.41	.84	3.83	.92	2.09	1.52	1.62	.36	.20
IN.	.12	.20	.29	.47	.88	4.41	1.03	2.41	1.70	1.86	.41	.23

CAL YR 1962: TOTAL 1,317,517 MEAN 3,610 MAX 73,200 MIN 170 CFM 1.86 IN 25.62

2-4370 Tombigbee River near Amory, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	211	164	493	930	2,990	2,920	4,810	6,890	744	310	564	258
2	214	192	482	934	2,410	4,850	3,930	7,990	916	1,150	380	236
3	211	201	431	1,080	1,900	13,600	3,460	13,000	983	771	339	219
4	201	209	408	1,540	1,640	12,500	5,860	8,450	766	572	307	207
5	196	366	382	1,620	1,900	12,200	6,380	6,560	622	478	310	197
6	184	472	360	2,180	4,900	12,400	15,800	5,380	555	387	349	190
7	182	376	353	3,970	3,420	9,560	21,300	4,360	498	431	286	181
8	178	448	372	2,950	2,350	10,400	23,800	3,680	462	482	304	177
9	173	401	404	9,180	2,260	9,440	21,000	3,210	439	841	310	172
10	160	318	398	12,400	2,100	11,000	16,500	2,890	405	502	310	166
11	158	274	4,290	7,500	1,860	8,560	11,800	2,420	550	1,050	310	166
12	160	259	9,840	6,370	1,560	6,250	10,500	2,180	1,180	5,430	362	161
13	154	246	7,410	6,540	2,360	4,930	18,300	2,080	585	6,610	310	166
14	150	229	6,110	5,290	4,390	6,150	22,300	1,960	423	3,120	313	157
15	148	219	3,130	4,540	6,560	18,700	16,700	1,680	349	1,740	298	155
16	152	219	2,390	3,730	13,500	34,200	14,600	1,470	310	1,140	1,410	157
17	148	224	2,180	3,200	10,400	43,300	12,800	1,310	295	1,180	1,240	157
18	142	227	2,140	2,800	7,720	35,000	9,820	1,160	295	916	907	159
19	140	232	1,950	2,400	8,060	21,600	7,160	1,050	280	656	824	164
20	138	256	1,440	2,540	8,050	13,700	5,400	947	269	530	622	175
21	138	256	1,030	2,250	6,770	9,450	4,220	863	249	470	478	179
22	144	279	897	1,940	5,120	6,870	3,540	797	231	446	376	186
23	150	496	867	1,800	4,030	5,210	3,600	771	242	938	342	177
24	150	573	884	3,920	3,440	4,130	7,540	806	376	802	323	161
25	146	592	842	12,500	3,070	7,510	9,390	784	320	614	289	151
26	152	529	897	9,290	2,770	12,700	8,060	740	339	580	274	144
27	154	428	1,240	6,090	2,380	11,000	13,200	681	283	530	272	140
28	160	376	1,240	5,590	4,150	7,980	14,600	631	239	510	298	430
29	167	428	1,180	4,760	3,940	9,510	10,000	606	214	462	366	147
30	160	489	1,070	3,650	-----	8,710	6,120	568	226	405	295	1,140
31	160	-----	968	3,220	-----	6,400	-----	555	-----	376	263	-----
TOTAL	5,081	9,978	54,078	136,704	126,200	380,730	338,490	86,466	13,645	34,429	13,631	7,275
MEAN	164	333	1,744	4,410	4,352	12,280	11,280	2,789	455	1,111	440	245
MAX	214	592	9,840	12,500	13,500	43,300	23,800	13,000	1,180	6,610	1,410	1,140
MIN	138	164	353	930	1,560	2,920	3,460	555	214	310	263	140
CFSM	.08	.17	.90	2.27	2.24	6.33	5.81	1.44	.23	.57	.23	.12
IN.	.10	.19	1.04	2.62	2.42	7.29	6.49	1.66	.26	.66	.26	.14

CAL YR 1963: TOTAL 768,399 MEAN 3,105 MAX 43,300 MIN 138 CFSM 1.98 IN 23.72
 MAY YR 1964: TOTAL 1,208,710 MEAN 3,297 MAX 43,500 MIN 138 CFSM 1.98 IN 23.72

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	929	522	2,700	3,020	1,220	5,300	13,400	1,090	548	248	232	700
2	635	431	2,230	2,290	1,670	11,900	12,100	991	481	246	197	550
3	442	369	1,960	4,940	1,660	10,600	10,400	888	439	261	186	410
4	881	339	1,950	3,610	1,500	6,970	9,820	833	402	289	172	350
5	1,640	332	1,820	2,860	1,380	5,750	7,380	753	372	395	164	290
6	1,090	326	1,750	2,580	1,350	5,700	5,760	711	364	402	158	260
7	681	316	1,770	2,470	1,520	5,320	5,040	661	530	732	172	240
8	439	326	1,720	2,360	1,810	4,560	4,670	625	563	720	689	220
9	336	345	1,380	2,090	7,350	3,930	4,440	590	574	533	1,300	215
10	295	373	1,080	4,160	10,900	3,480	4,240	555	783	464	987	210
11	274	366	2,990	5,220	16,800	3,110	3,900	548	609	426	617	700
12	252	345	7,910	3,240	26,100	4,670	3,480	552	686	361	455	2,200
13	249	335	6,240	2,760	27,900	5,760	3,060	526	762	308	364	2,100
14	249	329	4,380	2,710	24,200	3,840	2,620	505	774	287	308	1,450
15	252	336	4,210	2,850	19,300	3,850	2,210	481	728	258	261	880
16	263	352	3,920	2,960	14,800	3,560	2,000	488	745	258	239	620
17	260	342	3,180	2,840	10,800	4,910	1,760	711	795	279	210	480
18	301	369	4,220	2,500	7,790	7,100	1,570	953	737	261	191	380
19	277	792	3,600	1,960	5,810	4,700	1,560	1,090	649	281	199	320
20	258	1,600	3,130	1,570	4,500	3,780	1,700	1,250	544	215	261	280
21	249	1,450	3,020	1,420	3,590	3,150	1,480	1,510	468	210	258	260
22	242	1,250	2,700	1,360	2,970	2,890	1,300	1,540	408	193	251	239
23	258	960	2,420	3,030	2,450	2,660	1,700	1,440	352	189	241	510
24	260	1,300	2,250	3,160	3,130	2,720	1,110	1,120	474	193	471	420
25	244	1,700	3,760	2,620	9,780	5,240	1,030	936	423	374	399	400
26	242	1,660	3,880	2,200	7,990	11,200	1,080	791	378	420	408	380
27	242	1,540	2,820	1,920	5,000	13,800	1,720	812	394	405	414	320
28	274	4,580	2,480	1,680	4,180	14,300	1,640	923	313	484	452	261
29	442	4,930	2,360	1,490	-----	18,400	1,380	787	289	414	1,090	260
30	643	3,010	2,580	1,360	-----	23,100	1,180	707	264	338	983	260
31	690	-----	3,600	1,260	-----	17,400	-----	617	-----	279	892	-----
TOTAL	13,789	31,225	94,010	80,490	227,450	223,650	114,230	25,984	15,820	10,647	13,221	16,165
MEAN	445	1,041	3,033	2,596	6,123	7,215	3,808	838	527	343	426	539
MAX	1,640	4,930	7,910	5,220	27,900	23,100	13,400	1,540	795	732	1,300	2,200
MIN	242	316	1,080	1,260	1,220	2,660	1,030	481	264	193	158	210
CFSM	.23	.54	1.56	1.34	4.19	3.72	1.96	.43	.27	.18	.22	.28
IN.	.26	.60	1.80	1.54	4.36	4.29	2.19	.50	.30	.20	.25	.31

CAL YR 1964: TOTAL 1,276,597 MEAN 3,488 MAX 43,300 MIN 140 CFSM 1.80 IN 24.46
 MAY YR 1965: TOTAL 866,681 MEAN 2,374 MAX 27,900 MIN 138 CFSM 1.22 IN 16.61

2-4376 James Creek at Aberdeen, Miss

Location --Lat 38°48'45", long 88°34'00", in SE $\frac{1}{4}$ sec 33, T 14 S, R 7 E, Chickasaw meridian, on left bank at downstream side of bridge on State Highway 25, 0.4 mile southwest of Aberdeen, 1.5 miles upstream from Illinois Central Railroad bridge, and 6 miles upstream from mouth

Drainage area --28.9 sq mi

Records available --December 1963 to September 1965

Gage --Water-stage recorder

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs)					December 1963 to September 1965				
Date	Time	Discharge	Gage height		Date	Time	Discharge	Gage height	
Mar 2, 1964	1700	2,130	13.62		Apr 12, 1964	1500	2,110	13.60	
Apr 6, 1964	0230	* 2,660	14.10		Apr 27, 1964	0500	2,020	13.52	
					Feb 11, 1965	0600	* 3,010	14.42	

No flow at times each year, 1964-65

Remarks --Records fair

Cooperation --Gage-height record, 27 discharge measurements, and records of daily discharge furnished by Corps of Engineers, nine measurements made and records reviewed by Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, DECEMBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1			.20	2.4	3.6	20	1.6	2.2	1.2	1.3	.30	0
2			.20	3.6	3.2	896	1.6	430	1.0	11	.20	0
3			.20	66	2.3	220	1.9	50	.20	4.5	.10	0
4			.70	90	2.1	93	85	8.1	.20	1.1	0	0
5			.60	13	36	65	295	4.6	.20	.20	.20	0
6			.30	218	51	18	983	2.9	.20	1.5	.20	0
7			.20	90	15	161	79	1.8	.20	3.4	.20	0
8			.30	79	6.3	126	15	1.5	.20	.60	0	0
9			.20	903	3.6	187	7.2	1.1	.20	4.5	0	0
10			140	65	2.6	235	5.0	1.6	.20	4.1	0	0
11			936	28	2.1	20	3.8	1.5	.20	5.3	0	0
12			71	94	1.8	8.4	1,060	1.1	.20	32	0	0
13			26	26	91	5.0	932	.90	.20	8.1	0	0
14			14	9.5	51	151	78	.50	.20	1.7	0	0
15			9.1	5.7	628	880	12	.30	.20	.40	.10	0
16			4.5	5.2	117	36	5.8	.20	.20	1.9	11	0
17			3.0	5.0	25	10	3.6	.20	.20	.10	1.0	0
18			2.8	5.0	261	5.2	2.4	.20	.20	.10	.20	0
19			2.0	5.7	58	5.2	1.8	.20	.10	.10	.20	0
20			2.1	8.8	22	9.1	1.4	.40	0	.10	.20	0
21			1.9	5.0	9.1	6.9	1.0	.50	0	.10	.20	0
22			2.3	3.6	5.7	3.9	1.0	.40	0	94	.20	0
23			7.8	3.4	3.4	2.4	117	.40	.10	37	.20	0
24			5.7	459	3.2	2.1	182	.50	.50	1.9	.20	0
25			8.4	372	40	33	142	4.3	.20	.20	.20	0
26			27	35	27	82	485	.60	.10	.10	0	0
27			20	14	16	9.5	963	.30	.10	.10	0	0
28			6.9	8.1	96	4.7	31	.80	.10	.20	0	1.5
29			4.0	4.5	20	2.8	6.3	1.8	.10	.20	0	210
30			2.8	3.6	-----	1.9	3.4	.80	.10	.30	0	20
31			2.2	4.7	-----	1.6	-----	.10	-----	.20	0	-----
TOTAL			1,302.40	2,594.8	1,603.0	3,301.7	5,506.8	519.30	7.50	216.50	14.90	231.5
MEAN			42.0	83.7	55.3	107	184	16.8	.25	6.98	.48	7.72
MAX			936	903	628	896	1,060	430	1.2	94	11	210
MIN			.20	2.4	1.8	1.6	1.0	.10	0	.10	0	0
CFSM			1.45	2.90	1.91	3.69	6.35	.58	.009	.24	.02	.27
IN.			1.68	3.34	2.06	4.25	7.09	.67	.01	.28	.02	.30

MOBILE RIVER BASIN

2-4376 James Creek at Aberdeen, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.1	.10	5.5	4.6	3.2	346	18	0	0	0	0	0
2	.80	0	3.7	4.7	5.0	142	5.4	0	0	0	0	0
3	.30	0	3.4	32	2.7	35	5.4	0	0	0	0	0
4	363	0	28	7.3	2.1	23	6.1	0	0	0	0	0
5	111	0	9.0	5.0	2.3	20	4.9	0	0	0	0	0
6	13	0	4.4	4.2	3.7	36	3.9	0	0	0	0	0
7	2.7	0	2.9	4.0	26	17	340	0	0	0	0	0
8	1.5	0	2.5	3.6	73	11	60	0	0	0	.60	0
9	.80	.10	2.2	16	912	8.3	12	0	0	0	0	0
10	.40	.20	2.1	206	567	6.7	5.0	0	0	0	0	0
11	.40	.10	852	41	1,830	5.7	3.4	0	0	0	0	76
12	.30	.10	386	14	1,000	643	3.0	1.5	0	0	0	57
13	.10	.10	61	8.1	54	73	1.5	.20	0	0	0	2.0
14	.10	.20	20	6.0	24	22	1.0	0	0	0	0	.30
15	.40	.30	9.2	5.3	14	27	1.2	0	0	0	0	0
16	.50	.30	6.9	5.3	12	18	1.3	0	0	0	0	0
17	.50	.30	36	3.5	32	463	1.2	0	0	0	0	0
18	.20	.40	125	3.2	23	73	1.1	0	0	0	0	0
19	0	.40	24	3.0	14	18	1.6	0	0	0	0	0
20	0	.90	45	3.1	9.9	9.3	1.6	30	0	0	0	0
21	0	.40	33	3.1	8.5	6.8	1.0	1.2	0	0	0	0
22	0	0	21	6.2	7.2	6.2	.80	0	0	0	0	0
23	0	0	16	209	6.3	6.2	.60	0	0	0	0	1.1
24	0	18	26	69	219	61	.50	0	0	0	0	31
25	0	76	111	20	123	87	.40	0	0	0	0	2.2
26	0	6.8	31	8.3	32	810	1.5	0	0	0	0	.40
27	0	3.2	10	4.7	23	77	2.6	0	0	.10	2.0	0
28	.10	482	6.4	3.5	16	26	.40	0	0	.20	68	0
29	.10	66	5.5	2.7	-----	294	.10	0	0	.20	3.5	0
30	.10	16	5.0	2.5	-----	227	.10	0	0	0	.30	.30
31	.10	-----	5.0	1.7	-----	28	-----	0	-----	0	0	-----
TOTAL	499.50	671.90	1,898.7	710.6	5,044.9	3,626.2	485.60	32.90	0	0.50	74.40	172.30
MEAN	16.1	22.4	61.2	22.9	180	117	16.2	1.06	0	.016	2.40	5.74
MAX	363	482	852	209	1,830	810	340	30	0	.20	68	76
MIN	0	0	2.1	1.7	2.1	5.7	.10	0	0	0	0	0
CFSM	.56	.77	2.12	.79	6.23	4.05	.56	.04	0	.0005	.08	.20
IN.	.64	.86	2.44	.91	6.49	4.67	.62	.04	0	.0006	.10	.22
CAL YR 1964: TOTAL	17,066.10			MEAN 46.6	MAX 1,060	MIN 0	CFSM 1.61	IN 21.26				
MAY YR 1965: TOTAL	13,217.50			MEAN 36.2	MAX 1,830	MIN 0	CFSM 1.25	IN 17.01				

MOBILE RIVER BASIN

485

2-4378 Barn Creek near Hackleburg, Ala

Location --Lat 34°10, long 87°47', in NW¼ sec 22, T 10 S, R 12 W, near right bank on downstream side of culvert on county road, 4 miles upstream from mouth, and 8 miles southeast of Hackleburg

Drainage area --12.9 sq mi

Records available --August 1959 to September 1965

Gage --Water-stage recorder

Average discharge --6 years, 25.8 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (500 cfs), water years 1961-65							
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	0230	* 960	6.33	Apr 11, 1962	1100	* -	13.39
Dec 12, 1961	0530	890	5.98	Mar 12, 1963	0500	1,060	6.82
Dec 18, 1961	0030	-	10.50	May 26, 1963	1445	* -	11.27
Jan 27, 1962	0200	754	5.30	Jan 24, 1964	1630	678	4.92
Feb 23, 1962	0700	-	9.06	Mar 15, 1964	0315	708	5.07
Apr 6, 1962	0900	599	4.50				
				Apr 7, 1964	0950	* 1,010	6.59
				Apr 15, 1964	0750	864	5.85
				Apr 27, 1964	0215	620	4.63
				May 2, 1964	1200	562	4.34
				Feb 11, 1965	0230	882	5.94
				Feb 11, 1965	2300	842	5.74
				Mar 25, 1965	2300	* 972	6.39

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Aug 14, 1961	0.60	-	1964	Sept 13, 14, 1964	0.20	-
1962	Aug 30, 1962	10	-	1965	Aug 6, 1965	70	-
1963	Sept 22, 23, 1963	10	-				

1959-65 Maximum gage height, 13.39 ft Apr 11, 1962 (discharge not determined), minimum discharge, 0.10 cfs Aug 30, 1962, Sept 22, 23, 1963

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.2	12	12	110	12	47	128	22	7.6	6.5	2.6	8.3
2	3.9	11	10	67	15	40	80	20	6.8	7.9	2.6	7.2
3	3.6	9.0	11	46	18	34	62	17	6.8	6.2	2.2	6.8
4	3.6	8.0	10	35	15	30	46	16	8.5	5.4	1.6	8.3
5	4.2	7.8	9.7	28	14	28	38	14	6.8	4.4	1.5	7.6
6	7.2	7.7	9.0	25	14	27	32	42	11	5.2	1.4	6.5
7	7.4	7.6	9.0	22	36	54	28	29	9.5	8.7	1.6	8.7
8	13	7.6	9.0	19	42	159	26	34	8.7	6.5	3.1	6.2
9	12	10	8.1	17	32	77	46	89	8.0	5.4	5.0	5.4
10	7.6	23	8.1	16	25	55	35	44	7.2	4.0	2.4	5.1
11	6.8	15	16	16	19	43	32	30	10	5.0	1.6	4.8
12	6.3	11	12	15	17	36	70	25	9.5	18	1.3	5.8
13	5.8	9.5	11	15	14	77	55	20	8.0	22	1.2	5.1
14	5.4	12	11	16	13	59	44	17	7.5	15	1.3	5.1
15	6.8	10	12	16	12	46	41	29	11	11	61	4.8
16	6.3	12	11	14	12	38	35	17	8.3	9.9	23	3.5
17	5.8	12	9.7	14	12	42	30	14	8.3	9.5	11	3.3
18	5.4	11	9.7	14	55	115	27	13	8.3	8.3	7.2	3.1
19	17	10	9.7	36	65	68	25	12	7.2	7.6	5.8	9.1
20	16	9.0	26	27	376	64	22	11	42	6.8	5.4	3.5
21	9.7	9.0	37	22	543	108	21	10	35	6.8	4.8	2.6
22	8.4	15	25	19	373	70	20	9.9	17	6.2	4.4	2.4
23	7.2	100	20	17	166	53	19	13	12	5.7	37	2.2
24	7.2	41	17	16	96	40	18	11	10	10	139	2.2
25	6.3	26	15	14	121	34	17	9.5	9.5	6.8	35	1.8
26	5.8	19	15	16	81	29	19	16	15	5.4	21	1.8
27	6.3	16	13	14	61	28	20	11	10	4.8	14	2.5
28	5.8	14	12	14	60	166	17	9.9	8.7	4.0	11	2.4
29	6.3	15	32	13	-----	96	15	9.1	8.0	3.5	9.5	2.0
30	6.3	12	39	13	-----	156	14	8.7	7.2	3.1	8.7	2.5
31	25	-----	95	12	-----	331	-----	8.3	-----	2.6	8.3	-----
TOTAL	242.8	482.2	544.0	738	2,319	2,250	1,082	631.4	391.4	232.2	435.5	134.6
MEAN	7.83	16.1	17.5	23.8	82.8	72.6	36.1	20.4	11.0	7.49	14.0	4.49
MAX	25	100	95	110	543	331	128	89	42	22	139	8.7
MIN	3.6	7.6	8.1	12	12	27	14	8.3	6.5	2.6	1.2	1.8
CFSM	-61	1.25	1.34	1.85	6.42	5.63	2.90	1.58	-86	-53	1.09	.35
LN.	.70	1.39	1.57	2.13	6.69	6.49	3.12	1.82	.96	.67	1.26	.39

CAL YR 1960: TOTAL 7,842.3 MEAN 21.4 MAX 457 MIN 1.3 CFSM 1.66 LN 22.61
 WAT YR 1961: TOTAL 9,423.1 MEAN 25.8 MAX 543 MIN 1.2 CFSM 2.00 LN 27.17

2-4378 Barn Creek near Hackleburg, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	16	4.4	11	51	42	85	40	17	5.8	3.3	2.9	2.9
2	7.0	4.4	11	48	38	64	30	14	5.8	2.9	2.0	1.2
3	12	9.9	10	44	34	49	26	14	5.4	3.7	2.6	.70
4	4.4	6.8	9.5	36	32	41	25	13	5.1	2.9	2.6	4.7
5	3.5	6.2	14	104	30	34	33	13	4.8	2.6	2.4	4.2
6	3.1	5.1	14	201	27	29	285	12	4.0	2.2	1.8	1.4
7	2.9	4.4	13	91	25	26	109	11	3.7	1.8	1.4	1.0
8	2.9	4.4	12	60	26	27	69	11	4.0	1.5	2.2	1.1
9	2.9	4.4	71	41	27	61	62	10	4.7	1.3	1.2	1.3
10	2.9	4.4	128	34	24	97	44	9.9	5.1	1.1	1.0	1.2
11	2.6	4.8	426	29	22	116	1,000	8.7	5.4	1.1	.70	1.1
12	2.4	7.2	546	27	21	73	364	8.3	7.2	1.2	.70	.80
13	2.4	23	128	24	20	51	145	8.3	6.5	1.2	.60	.90
14	2.4	20	76	22	20	40	86	8.0	4.4	1.0	.60	1.2
15	2.6	11	57	122	22	34	64	7.6	3.7	.70	.40	1.4
16	3.1	36	215	62	24	30	51	7.2	3.3	.70	.40	25
17	3.1	15	918	38	21	26	40	6.8	2.9	.70	.50	6.9
18	3.1	10	603	35	24	25	32	6.5	2.6	.70	.40	3.3
19	3.1	9.1	139	39	32	22	32	6.2	3.1	.50	.20	2.4
20	3.3	7.6	93	29	26	23	26	5.4	3.1	.40	.20	2.0
21	3.3	6.5	73	26	48	38	24	5.4	2.4	.50	.60	1.5
22	19	64	25	99	26	22	22	5.4	2.2	.40	1.5	1.5
23	3.7	202	58	93	680	22	21	5.4	1.6	.40	1.0	1.5
24	3.5	69	48	60	176	21	19	5.4	1.5	4.0	1.1	1.4
25	4.0	34	42	125	100	38	19	4.8	4.9	9.0	.80	1.5
26	3.7	24	38	185	75	34	20	4.8	5.4	3.8	.60	6.5
27	3.5	19	60	430	58	29	18	4.4	4.8	1.8	.50	3.9
28	4.2	16	55	239	132	26	22	3.7	10	2.6	.40	2.0
29	3.5	14	48	106	-----	25	22	3.5	7.1	2.6	.20	1.5
30	3.5	12	42	73	-----	25	18	9.3	4.0	2.4	.20	1.3
31	3.5	-----	44	53	-----	68	-----	6.8	-----	3.1	.20	-----
TOTAL	125.8	613.6	4,066.5	2,552	1,905	1,305	2,748	256.8	134.7	62.10	31.90	87.30
MEAN	4.06	20.5	131	82.3	68.0	42.1	92.3	8.28	4.49	2.00	1.03	2.91
MAX	16	202	918	430	680	116	1,000	17	10	9.0	2.9	25
MIN	2.4	4.4	9.5	22	20	21	18	3.5	1.5	.20	.70	.70
CFSM	.31	1.59	10.2	6.38	5.27	3.26	7.15	.64	.35	.16	.08	.23
IN.	.36	1.77	11.7	7.36	5.49	3.76	7.98	.74	.39	.18	.09	.25

CAL YR 1961: TOTAL 12,960.0 MEAN 32.7 MAX 918 MIN 1.2 CFSM 2.75 IN 37.36
 MAY YR 1962: TOTAL 13,908.70 MEAN 36.1 MAX 1,000 MIN .20 CFSM 2.95 IN 40.10

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	7.4	2.4	3.7	9.5	42	18	15	57	26	7.0	2.3	.90
2	23	3.1	3.5	8.3	42	16	13	38	20	5.8	1.9	1.2
3	6.5	2.6	3.3	7.2	46	15	13	30	16	8.3	1.4	1.2
4	4.8	2.9	3.5	6.5	36	15	12	28	15	5.8	1.4	1.7
5	4.0	2.6	6.2	6.2	31	116	11	22	14	4.6	1.8	3.0
6	3.5	2.4	5.1	6.2	29	94	25	30	13	3.9	3.3	2.1
7	5.6	2.6	4.0	5.8	26	49	22	26	11	3.6	2.1	1.6
8	6.8	3.1	4.0	5.4	22	37	18	19	9.2	3.6	5.7	1.4
9	5.1	5.1	3.5	5.4	21	36	16	15	8.3	3.6	2.1	1.3
10	4.0	5.8	3.1	5.4	18	30	13	14	7.5	3.0	1.6	1.2
11	3.7	3.7	3.1	7.7	21	132	12	13	7.0	2.5	1.4	1.0
12	4.0	8.4	3.1	8.3	18	580	11	12	5.8	2.3	1.7	.90
13	4.0	5.4	3.1	7.2	16	107	9.9	11	3.6	3.7	6.1	.90
14	3.7	4.0	3.1	6.8	15	59	9.2	11	3.3	9.2	5.6	1.0
15	3.7	3.7	3.3	6.5	14	48	8.9	9.2	3.3	5.3	2.8	1.0
16	3.7	4.0	4.8	6.5	13	44	8.9	8.8	4.9	4.9	1.7	1.2
17	3.7	5.7	5.1	6.8	13	44	8.4	8.3	5.8	3.9	1.6	1.0
18	3.7	19	4.4	8.7	17	36	7.9	9.8	4.6	3.6	1.3	.80
19	3.1	6.5	4.0	18	45	32	7.5	7.9	3.9	3.3	1.2	.70
20	3.1	7.6	3.3	22	32	27	7.5	7.0	19	4.8	2.2	.60
21	6.0	13	13	15	28	22	7.1	7.0	15	7.1	6.8	.70
22	4.0	8.7	12	12	23	19	6.6	6.2	18	3.3	2.3	.30
23	2.6	6.2	7.2	6.2	22	18	6.2	6.2	17	3.0	1.7	.20
24	2.2	4.6	11	50	12	15	5.8	5.8	13	3.3	1.4	.20
25	2.4	4.4	22	42	21	17	7.5	98	9.2	3.6	1.3	.20
26	2.6	4.0	15	39	18	43	7.9	877	7.9	4.6	1.4	.60
27	3.3	4.4	11	46	16	28	7.1	390	11	3.6	1.2	1.2
28	3.1	6.5	9.1	32	16	24	45	131	8.8	3.0	1.3	2.3
29	2.6	4.4	49	25	-----	21	234	88	7.0	3.0	2.6	2.5
30	2.6	4.0	19	100	-----	18	156	53	6.2	2.8	2.3	2.3
31	2.6	-----	12	59	-----	16	-----	36	-----	2.3	1.3	-----
TOTAL	141.1	158.9	260.3	646.4	683	1,774	732.4	2,075.2	314.3	132.3	72.8	35.30
MEAN	4.55	5.30	8.40	20.9	24.4	57.2	24.4	66.9	10.5	4.27	2.39	1.18
MAX	23	19	49	100	46	580	234	877	26	9.2	6.8	3.0
MIN	2.2	2.4	3.1	5.4	13	15	5.8	5.8	3.3	2.3	1.2	.20
CFSM	.35	.41	.65	1.62	1.89	4.44	1.89	5.19	.81	.33	.18	.09
IN.	.41	.46	.75	1.86	1.97	5.11	2.11	5.98	.91	.38	.21	.10

CAL YR 1962: TOTAL 9,663.30 MEAN 26.5 MAX 1,000 MIN .20 CFSM 2.05 IN 27.86
 MAY YR 1963: TOTAL 7,026.20 MEAN 19.2 MAX 877 MIN .20 CFSM 1.49 IN 20.26

2-4378 Barn Creek near Hackleburg, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.9	4.0	4.6	9.0	18	14	26	41	12	7.4	1.4	1.3
2	1.3	2.0	4.6	11	15	210	23	256	7.0	12	1.4	.90
3	1.6	1.5	4.9	17	14	120	21	120	5.8	3.0	1.2	.70
4	1.4	1.4	3.9	20	14	240	36	65	4.6	2.5	2.4	.80
5	1.4	8.5	3.3	21	16	110	78	49	4.2	1.7	17	.70
6	1.4	5.0	3.0	26	15	51	155	39	7.5	1.4	10	.70
7	1.2	2.6	2.8	38	13	43	436	33	5.3	14	3.6	.60
8	1.3	2.3	4.2	31	12	39	137	30	4.2	6.6	2.5	.40
9	1.4	2.1	3.0	140	11	60	78	28	3.3	2.8	2.3	.40
10	1.3	2.0	3.0	50	9.9	63	58	29	2.8	2.5	1.9	.40
11	1.2	2.0	69	46	8.8	48	48	24	5.1	3.0	8.8	.40
12	1.3	1.9	28	38	8.8	39	110	22	5.5	25	4.2	.30
13	1.3	1.9	18	28	19	34	483	20	3.0	9.2	2.1	.20
14	1.2	1.9	13	20	18	74	145	18	2.3	4.6	1.7	.20
15	1.0	1.9	11	19	100	361	86	15	1.9	3.6	1.9	.30
16	1.0	1.9	9.1	17	37	96	64	13	1.9	3.3	13	.30
17	1.2	1.9	8.5	16	27	64	53	12	3.0	2.6	7.0	.30
18	1.0	1.9	7.4	15	32	48	45	11	2.1	2.1	3.6	7.0
19	.90	2.0	6.6	14	28	43	39	9.2	1.6	1.7	3.0	3.8
20	.80	1.7	6.2	14	22	38	35	8.8	1.2	2.9	2.3	1.4
21	.70	2.3	6.1	12	19	31	31	8.3	.90	2.7	1.7	1.0
22	.40	2.3	7.0	11	18	26	36	7.5	.80	2.4	1.7	.80
23	.40	13	9.1	11	16	22	50	7.9	1.2	9.6	7.2	.70
24	.40	4.9	8.3	309	15	42	127	7.9	1.6	7.4	4.5	.70
25	.40	3.0	7.9	149	17	120	88	7.0	1.0	5.3	16	.40
26	.50	2.5	8.6	59	16	110	143	6.2	.80	7.4	14	.40
27	.50	2.3	8.6	38	14	62	318	4.9	2.4	3.3	5.8	.40
28	.40	10	4.6	30	17	46	96	1.2	1.2	2.3	3.1	.40
29	.40	16	6.9	25	14	39	63	7.0	.90	2.8	2.5	142
30	.50	6.6	6.4	22	-----	30	50	6.2	1.8	2.3	2.1	35
31	.50	6.7	6.7	22	-----	28	-----	7.0	-----	2.1	1.6	-----
TOTAL	30.40	113.3	297.7	1,278.0	584.5	2,351	3,152	922.9	96.90	159.4	151.7	233.50
MEAN	.98	3.78	9.60	41.2	20.2	75.8	109	29.8	3.23	5.14	4.89	7.78
MAX	1.9	16	69	309	100	361	483	256	12	25	17	142
MIN	.40	1.4	2.8	9.0	8.8	14	21	4.9	.80	1.4	1.2	.20
CFSM	.08	.29	.74	3.20	1.56	5.88	8.14	2.31	.25	.40	.38	.60
IN.	.09	.33	.86	3.68	1.69	6.78	9.09	2.66	.28	.46	.44	.67

CAL YR 1963: TOTAL 6,907.10 MEAN 18.9 MAX 877 MIN .20 CFM 1.47 IN 19.91

WAT YR 1964: TOTAL 9,371.30 MEAN 25.2 MAX 483 MIN .20 CFM 1.98 IN 27.82

Note --No gage-height record Dec 11 to Jan 13

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	22	4.9	19	33	18	32	58	12	3.5	1.6	1.4	17
2	16	4.9	18	43	17	57	52	11	3.3	1.5	1.3	8.3
3	14	15	9	15	15	54	54	9.5	3.1	2.4	2.4	6.2
4	90	4.9	21	38	14	34	44	8.7	3.1	4.8	1.0	5.4
5	36	4.6	15	31	14	29	40	8.3	2.6	10	1.0	4.8
6	20	4.6	13	27	18	27	36	7.6	6.7	19	.90	4.0
7	14	4.9	11	24	27	32	33	6.8	8.5	11	18	3.3
8	11	4.9	11	22	32	20	30	6.5	6.5	5.4	24	2.4
9	8.3	4.6	9.2	29	188	18	29	6.2	4.8	3.7	14	2.2
10	6.6	4.6	8.3	97	227	17	28	5.8	4.8	4.4	11	2.0
11	5.3	4.2	212	50	542	15	26	5.4	9.1	4.8	4.4	11
12	4.6	4.6	140	37	367	35	25	5.4	8.7	3.3	3.1	9.6
13	4.2	4.6	62	30	120	28	21	5.1	8.0	2.6	3.1	3.7
14	6.1	3.6	40	26	76	26	17	4.4	7.6	2.6	2.9	3.1
15	29	3.6	32	24	53	25	22	3.7	6.5	3.8	2.0	2.4
16	21	3.6	27	22	41	22	21	3.3	6.2	4.8	2.6	2.4
17	14	3.9	32	18	36	100	17	3.5	5.4	2.6	2.4	1.8
18	9.9	6.6	37	18	29	76	16	3.5	4.4	2.0	1.6	1.6
19	8.3	17	31	16	25	55	21	3.5	3.5	1.6	20	1.4
20	7.0	16	31	15	21	45	16	4.0	3.3	1.5	18	1.3
21	6.6	9.2	27	15	19	40	14	4.8	2.9	1.3	10	1.2
22	6.2	7.5	26	15	16	34	13	4.8	2.4	1.3	5.8	2.0
23	5.3	6.6	24	29	15	31	12	4.8	2.4	1.6	6.2	3.1
24	5.3	20	25	25	20	54	11	5.1	2.9	14	6.2	12
25	4.9	38	30	22	24	150	12	4.4	2.6	9.1	4.4	3.5
26	4.9	23	25	22	18	480	21	3.1	2.2	7.0	3.3	2.4
27	4.9	17	22	18	18	140	28	6.9	1.8	6.2	13	2.0
28	7.9	100	22	17	17	74	20	5.8	1.8	3.5	25	1.5
29	7.9	38	20	16	-----	110	16	4.8	1.6	2.9	9.1	1.5
30	6.2	26	34	15	-----	85	14	3.5	1.8	2.0	5.4	.84
31	5.8	-----	34	14	-----	62	-----	3.7	-----	1.5	4.0	-----
TOTAL	413.2	400.8	1,071.5	857	2,027	1,986	767	175.9	132.0	143.8	226.30	207.1
MEAN	13.3	13.4	34.6	27.6	72.4	64.1	25.6	5.67	4.40	4.64	7.30	6.90
MAX	90	100	212	97	542	480	58	12	9.1	19	25	84
MIN	4.2	3.6	8.8	14	14	15	11	3.1	1.6	1.3	.90	1.2
CFSM	1.03	1.04	2.68	2.14	5.61	4.97	1.98	.44	.34	.36	.87	.56
IN.	1.19	1.16	3.09	2.47	5.84	5.73	2.21	.51	.38	.41	.85	.60

CAL YR 1964: TOTAL 10,815.40 MEAN 29.6 MAX 483 MIN .20 CFM 2.29 IN 31.18

WAT YR 1965: TOTAL 8,407.60 MEAN 23.0 MAX 542 MIN .90 CFM 1.79 IN 24.24

MOBILE RIVER BASIN

2-4379 Woods Creek near Hamilton, Ala

Location --Lat 34°07', long 87°54', in SW $\frac{1}{4}$ sec 3, T 11 S, R 13 W, near right bank on upstream side of bridge on county road, 5 miles upstream from mouth and 5 miles southeast of Hamilton

Drainage area --14 1 sq mi

Records available --September 1959 to September 1965

Gage --Digital water-stage recorder

Average discharge --6 years, 23 6 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet).

Annual maximum discharge (*) and peak discharges above base (500 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	-	* 763	7 98	Apr 11, 1962	0900	* 1,140	11 00	Apr 13, 1964	1100	509	5 84
Dec 12, 1961	0830	649	7 05	May 26, 1963	1330	* 992	9 82	Apr 27, 1964	0700	* 730	7 71
Dec 17, 1961	1130	1,030	10 11					Feb 11, 1965	2400	641	6 97
Feb 23, 1962	0200	555	6 25	Mar 15, 1964	0520	538	6 11	Mar 26, 1965	0200	* 718	7 61

Annual minimum daily discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Aug 13, 1961	1 0	-	1964	Sept 14, 1964	0 20	-
1962	Sept 3-4, 1962	1 9	-	1965	Sept 20, 21, 1965	3 0	-
1963	Sept 23-25, 1963	4 0	-				

1959-65 Maximum discharge, 1,140 cfs Apr 11, 1962 (gage height, 11 00 ft), minimum daily, 0 20 cfs Sept 14, 1964

Remarks --Records fair except those for periods of doubtful or no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.1	8.4	7.1	4.8	8.7	4.0	10.6	3.2	6.2	6.8	2.1	6.9
2	4.0	7.0	6.8	3.0	12	34	77	26	5.9	6.5	1.9	6.6
3	3.9	6.1	6.1	24	20	30	22	5.7	6.5	1.7	6.6	6.6
4	3.8	5.5	5.9	20	15	27	57	19	5.6	6.2	1.6	7.4
5	5.9	5.7	6.2	18	14	24	49	17	9.0	5.5	1.4	6.8
6	7.5	6.0	6.8	16	12	23	43	40	8.5	5.2	1.3	5.0
7	9.1	5.7	6.6	14	25	50	39	28	7.6	7.6	2.5	4.9
8	13	5.5	6.1	12	27	130	36	29	7.0	6.2	3.7	4.8
9	14	12	6.0	11	23	70	62	69	6.5	5.4	2.7	4.0
10	7.3	18	5.7	10	20	45	46	37	7.5	5.0	1.7	3.7
11	5.9	9.5	12	9.6	18	35	40	30	9.2	15	1.3	3.5
12	5.1	7.7	9.9	9.2	18	45	63	25	8.3	35	1.1	3.7
13	4.7	7.0	7.8	9.2	16	58	48	22	7.6	22	1.0	3.5
14	4.5	6.5	6.2	15	15	47	42	19	9.1	13	1.1	3.6
15	9.7	6.3	9.3	15	15	40	42	49	13	9.2	7.0	3.4
16	6.1	7.4	9.3	12	14	33	37	26	9.1	8.5	3.0	3.0
17	4.9	7.0	9.0	11	15	30	33	20	9.6	7.6	1.8	2.8
18	4.5	6.6	8.3	9.6	41	28	31	18	9.7	7.0	12	2.8
19	9.1	5.8	7.6	21	42	26	29	16	8.9	6.4	8.0	3.0
20	9.9	5.8	16	18	400	25	27	14	48	6.1	6.9	3.0
21	6.6	5.7	20	16	510	24	25	13	39	6.0	6.1	2.7
22	5.7	24	15	13	300	23	24	12	20	5.4	5.5	2.6
23	5.4	71	12	13	150	22	23	11	15	6.6	9.8	2.5
24	5.1	20	11	11	90	21	21	10	12	9.0	15	2.5
25	4.5	15	9.6	9.7	100	20	21	9.5	12	6.0	10	2.4
26	4.9	12	9.6	13	74	20	41	13	13	4.5	9.3	2.3
27	5.2	11	9.0	12	58	20	45	9.5	10	4.0	8.2	2.3
28	4.7	10	9.0	10	45	130	30	8.0	8.7	3.5	7.3	2.2
29	4.5	10	19	9.3	-----	80	24	7.5	7.9	3.0	6.4	2.2
30	5.3	8.6	21	9.1	-----	122	27	7.1	7.3	2.6	6.6	2.3
31	17	-----	63	8.7	-----	208	-----	6.7	-----	2.4	6.1	-----
TOTAL MEAN	205.9	336.8	356.9	457.4	2,097.7	1,530	1,250	665.3	346.9	243.7	199.3	113.0
MAX	6.64	11.2	11.5	14.8	74.9	49.4	41.7	21.5	11.6	7.86	6.43	3.77
MIN	17	71	63	48	510	208	106	69	48	35	30	7.4
CF5M	3.8	5.5	5.7	8.7	8.7	20	21	6.7	5.6	2.4	1.0	2.2
IN.	4.7	8.0	8.2	1.05	5.31	3.50	1.52	1.52	1.52	1.52	1.52	1.52
	.54	.89	.94	1.21	5.53	4.04	3.30	1.75	.91	.64	.53	.30

CAL YR 1960 TOTAL 1,782.9 MEAN 21.3 MAX 340 MIN 2.6 CFSM 1.51 IN 20.23
WAT YR 1961: TOTAL 1,802.9 MEAN 21.4 MAX 510 MIN 1.0 CFSM 1.51 IN 20.23

Note --No gage-height record Feb 20 to Mar 29, July 6 to Aug 18

2-4379 Woods Creek near Hamilton, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12	4.4	10	35	56	74	52	27	10	5.9	5.4	2.1
2	7.7	4.1	9.3	29	48	61	42	25	9.6	5.7	6.2	2.1
3	25	14	9.0	26	43	54	37	23	9.3	5.8	9.4	1.9
4	6.5	8.1	9.3	26	40	48	34	22	9.0	5.4	6.7	1.9
5	5.4	7.6	16	77	37	43	45	21	8.9	5.0	5.6	2.7
6	4.5	5.5	17	123	34	40	235	20	8.0	4.9	5.2	2.8
7	4.3	5.1	14	69	32	37	105	19	7.8	4.8	4.4	2.3
8	4.3	4.8	12	56	33	38	75	18	13	4.5	4.2	2.5
9	4.3	4.8	55	46	32	58	64	17	15	4.2	3.9	2.7
10	3.9	5.0	76	40	29	80	61	16	9.8	3.8	3.5	2.7
11	3.5	5.1	212	39	27	82	551	15	11	4.0	3.3	2.3
12	3.7	10	363	36	26	63	277	15	13	4.2	3.2	2.0
13	3.6	32	103	35	26	52	142	14	13	4.2	3.1	2.8
14	3.4	27	65	36	25	45	100	13	9.2	3.6	2.9	3.4
15	3.4	17	50	112	25	42	80	13	8.1	3.4	2.8	2.8
16	3.9	49	178	60	33	38	67	12	7.4	3.2	2.8	9.7
17	3.9	21	581	48	26	35	59	11	7.0	3.2	2.7	4.3
18	3.9	15	411	45	34	34	52	11	7.1	3.6	2.5	3.1
19	4.0	13	137	51	37	33	47	11	7.6	3.0	2.3	2.7
20	4.0	10	87	41	31	34	43	10	7.6	2.9	3.7	2.7
21	4.2	9.3	66	37	43	43	39	9.9	6.5	2.8	4.1	2.5
22	4.4	18	55	35	74	33	36	9.6	6.0	2.8	3.6	2.6
23	4.4	153	49	89	285	31	35	9.3	5.6	2.6	3.1	2.5
24	4.3	48	39	59	128	29	32	9.1	5.7	12	3.2	2.4
25	4.2	29	34	84	83	50	32	8.6	14	16	2.9	2.5
26	4.3	21	31	82	68	43	31	8.3	13	7.4	2.7	16
27	4.1	17	43	29	60	37	28	8.0	14	5.0	2.5	5.7
28	4.3	14	37	175	108	34	35	7.8	7.9	5.6	2.2	3.7
29	4.2	13	31	97	-----	31	37	7.5	7.1	5.4	2.0	3.4
30	4.2	11	27	77	-----	31	29	19	6.5	5.3	2.1	3.7
31	4.2	-----	31	62	-----	85	-----	12	-----	5.0	2.0	-----
TOTAL	162.0	595.8	2,857.6	2,037.7	1,522.2	1,438.4	2,502.2	442.1	278.3	155.2	114.2	104.0
MEAN	5.23	19.9	92.2	65.7	48.4	46.4	83.4	14.3	9.28	5.01	3.66	3.47
MAX	25	153	581	210	285	85	551	27	15	16	9.4	16
MIN	3.4	4.1	9.0	26	25	29	28	7.5	5.6	2.6	2.0	1.9
CFSM	.37	1.41	6.54	4.66	3.86	3.29	5.91	1.01	.66	.36	.26	.25
IN.	.43	1.57	7.54	5.37	4.01	3.79	6.60	1.17	.73	.41	.30	.27

CAL YR 1961: TOTAL 10,518.7 MEAN 28.8 MAX 581 MIN 1.0 CFSM 2.04 IN 27.74
WAT YR 1962: TOTAL 12,208.2 MEAN 33.4 MAX 581 MIN 1.9 CFSM 2.37 IN 32.20

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.8	6.6	4.4	10	25	16	12	34	21	7.3	2.9	3.0
2	16	6.6	4.4	9.0	16	15	12	24	17	6.5	2.6	2.9
3	6.2	6.6	4.2	6.9	26	14	11	19	14	7.6	2.4	2.9
4	4.7	6.6	4.2	6.5	26	14	10	15	16	5.8	2.6	6.0
5	4.4	6.6	10	6.1	26	50	10	13	14	4.9	2.9	4.9
6	4.2	6.6	10	6.3	26	40	25	25	10	4.7	4.5	3.2
7	4.0	6.6	10	6.1	26	25	22	21	8.7	4.9	3.2	2.9
8	4.2	6.6	10	5.8	26	26	17	14	7.9	5.3	8.0	3.0
9	4.2	6.6	10	5.5	26	25	15	11	6.8	4.4	4.7	2.9
10	3.8	6.6	10	5.4	26	21	13	8.8	6.2	3.7	2.5	2.3
11	3.7	6.6	10	9.9	26	48	12	8.1	5.5	3.5	2.0	1.8
12	3.8	6.6	10	10	26	176	10	7.4	5.1	3.2	2.5	1.8
13	3.8	6.6	10	7.7	26	63	9.3	6.4	4.6	14	9.0	1.4
14	3.8	6.6	10	7.0	26	43	8.8	6.5	4.0	27	8.0	1.6
15	3.7	6.6	10	6.8	26	37	8.5	6.4	3.8	10	4.5	1.8
16	3.7	6.6	10	23	26	36	8.2	5.2	4.7	8.4	2.5	1.7
17	3.7	6.6	10	23	26	33	7.6	5.5	5.8	6.5	2.1	1.0
18	3.8	6.6	10	23	26	27	7.1	6.4	5.1	5.8	1.8	.70
19	3.5	6.6	10	23	26	25	7.0	4.5	4.7	4.9	1.6	.60
20	3.5	6.6	10	23	26	25	8.2	4.0	30	4.9	5.3	.60
21	4.7	6.6	10	23	26	20	6.7	3.9	31	7.6	11	.60
22	4.7	6.6	10	23	26	18	6.5	3.6	27	4.2	4.4	.50
23	3.7	6.6	10	23	26	16	5.7	3.3	40	3.2	3.2	.40
24	3.5	6.6	10	23	26	15	5.0	3.1	29	4.9	3.0	.40
25	3.8	6.6	10	23	26	17	13	23	17	3.8	2.6	.40
26	4.0	6.6	10	23	26	34	9.8	365	13	4.2	2.9	.60
27	4.0	6.6	10	23	26	23	8.3	202	21	3.7	2.2	1.3
28	4.2	6.6	10	23	26	19	8.2	17	3.4	4.2	1.6	.40
29	4.0	5.1	10	23	-----	16	119	53	12	3.2	3.7	1.4
30	3.1	4.9	10	23	-----	15	62	37	9.0	3.0	3.0	1.4
31	4.0	-----	10	33	-----	14	-----	28	-----	2.9	2.4	-----
TOTAL	139.2	193.1	287.2	487.0	717.7	966.3	499.7	1,049.1	410.7	188.2	118.2	57.80
MEAN	4.49	6.44	9.26	15.7	25.6	31.2	15.7	33.8	13.7	6.07	3.87	1.8
MAX	16	6.6	10	33	26	176	119	365	40	27	11	6.0
MIN	3.1	4.9	4.2	5.4	16	14	5.0	3.1	3.8	2.9	1.6	.40
CFSM	.32	.46	.66	1.11	1.82	2.21	1.18	2.40	.97	.43	.27	.13
IN.	.37	.51	.76	1.28	1.89	2.55	1.32	2.77	1.08	.50	.31	.15

CAL YR 1962: TOTAL 9,212.3 MEAN 25.2 MAX 551 MIN 1.9 CFSM 1.79 IN 24.30
WAT YR 1963: TOTAL 5,111.00 MEAN 14.0 MAX 365 MIN .40 CFSM .99 IN 13.48

Note --No gage-height record Jan 14 to Mar 7

2-4379 Woods Creek near Hamilton, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.1	5.5	6.8	10	22	18	24	50	11	8.5	4.8	2.1
2	1.1	3.1	7.0	12	19	121	22	186	8.9	5.5	4.5	1.5
3	1.1	2.2	6.0	17	18	71	20	106	8.1	4.0	4.2	.70
4	1.0	2.0	5.1	23	18	140	44	67	7.5	3.2	4.5	.70
5	.90	13	4.7	24	20	103	84	51	7.2	2.9	11	.70
6	.90	8.8	4.2	30	19	62	164	42	13	2.6	5.3	.60
7	.80	4.0	4.0	46	16	55	79	35	8.8	15	3.4	.50
8	.80	3.3	7.3	36	14	51	52	31	7.8	5.4	3.0	.30
9	.90	3.2	5.5	132	13	60	40	31	6.9	4.2	2.9	.30
10	.80	3.0	5.3	58	13	62	34	29	6.5	4.9	3.0	.40
11	.80	3.0	98	54	11	46	30	24	8.2	14	4.0	.40
12	.90	2.9	73	37	11	40	142	23	8.9	99	6.7	.30
13	.90	3.0	28	26	25	35	318	20	6.4	18	4.0	.30
14	.90	2.9	21	20	22	75	149	18	5.7	12	3.8	.20
15	.80	3.0	15	18	74	296	92	17	5.3	10	4.4	.40
16	1.0	3.1	14	16	48	107	68	16	5.5	8.9	25	.40
17	1.0	2.9	12	15	33	73	95	14	5.9	7.9	9.7	.40
18	1.0	3.2	11	14	43	56	46	13	4.7	7.4	7.3	12
19	1.0	3.2	9.5	13	34	53	39	12	3.9	6.7	6.2	8.2
20	1.0	3.1	8.7	14	28	48	33	12	3.1	9.8	5.9	7.6
21	1.0	3.3	8.4	12	24	43	30	12	2.7	15	4.4	6.4
22	1.1	3.7	8.3	10	22	36	29	11	2.7	14	4.6	4.4
23	1.1	19	12	9.3	20	32	45	11	2.6	11	12	4.2
24	1.3	9.0	11	186	19	28	157	10	2.8	9.8	7.3	4.0
25	1.4	4.6	11	104	22	124	86	9.6	2.4	11	30	3.8
26	1.6	4.2	12	54	20	123	141	8.8	2.3	9.0	9.0	3.8
27	1.5	4.0	11	39	18	61	361	8.1	2.3	7.6	6.7	4.0
28	1.3	9.3	17	31	22	45	132	11	2.1	6.5	5.3	87
29	1.4	41	8.4	26	18	36	83	9.9	2.4	6.1	4.4	240
30	1.4	10	7.6	24	-----	30	62	3.7	6.0	2.7	2.7	53
31	1.7	-----	7.9	24	-----	27	-----	9.9	-----	5.4	2.7	-----
TOTAL	33.50	194.2	453.0	1,134.3	686	2,157	2,663	907.3	169.3	351.3	212.7	448.60
MEAN	1.08	6.27	14.6	36.6	23.7	69.6	88.8	29.3	5.4	11.3	6.86	15.0
MAX	1.7	41	98	186	74	296	361	186	13	99	30	260
MIN	.80	2.0	4.0	9.3	11	18	20	8.1	2.1	2.6	2.7	.20
CFSM	.08	.46	1.04	2.60	1.68	4.93	6.30	2.08	.40	.80	.49	1.06
IN.	.09	.51	1.19	2.99	1.81	5.69	7.02	2.39	.45	.93	.56	1.18

CAL YR 1963: TOTAL 5,172.20 MEAN 14.2 MAX 365 MIN .40 CFSM 1.01 IN 13.64
 MAY 1964: TOTAL 9,410.20 MEAN 25.7 MAX 361 MIN .20 CFSM 1.82 IN 24.82

Note --Doubtful gage-height record Aug 16 to Sept 18

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	30	7.3	30	25	24	40	65	15	6.8	10	4.0	12
2	17	7.0	26	40	21	46	55	13	6.5	5.5	3.7	11
3	14	7.0	23	49	17	35	41	12	9.0	5.8	3.5	6.8
4	72	6.7	31	34	17	32	92	11	5.3	11	3.5	6.2
5	44	6.5	25	29	16	31	45	11	5.1	6.2	3.4	5.3
6	25	6.5	21	26	20	29	41	10	7.3	5.8	3.4	5.3
7	18	6.5	19	24	27	27	38	9.6	9.7	6.5	16	5.3
8	15	7.0	18	21	29	25	35	9.1	7.4	5.3	21	4.9
9	13	6.7	16	34	165	23	33	8.8	6.0	4.7	6.5	3.8
10	11	6.5	15	95	162	22	31	8.4	5.5	5.3	5.3	3.5
11	10	6.5	203	46	341	21	29	8.3	11	5.3	4.4	4.4
12	9.3	6.5	136	36	295	49	34	8.2	9.0	4.4	7.6	12
13	9.3	6.2	76	31	135	36	28	8.2	16	4.2	7.3	6.6
14	11	5.9	49	27	91	31	25	8.2	29	4.2	5.5	4.0
15	68	5.9	36	25	68	36	25	7.6	15	4.0	4.9	3.8
16	36	5.9	31	22	55	34	25	7.3	9.7	4.0	4.7	3.7
17	23	5.9	37	20	51	122	22	7.3	8.4	3.5	4.4	3.5
18	17	7.6	42	19	43	75	21	7.6	7.3	3.5	4.7	3.5
19	14	27	31	18	38	52	27	7.3	6.2	3.5	4.7	3.4
20	13	24	31	18	33	42	25	8.8	5.8	3.5	5.1	3.0
21	12	14	27	17	30	36	21	9.0	5.3	3.4	4.9	3.0
22	10	12	25	17	27	32	20	10	5.1	3.5	4.9	3.7
23	9.0	10	23	41	26	31	19	13	5.8	3.5	9.3	6.6
24	8.6	23	41	29	32	47	18	8.2	6.0	15	9.7	5.6
25	8.6	48	78	24	31	112	18	7.3	5.3	9.7	8.4	4.0
26	8.3	31	43	21	27	353	17	7.3	4.9	9.7	7.3	3.5
27	7.6	25	34	18	25	139	25	29	4.9	7.0	17	3.7
28	14	78	30	18	23	93	21	13	4.9	5.3	23	3.2
29	11	60	27	17	-----	137	18	9.0	4.4	4.9	9.3	3.4
30	8.6	40	30	17	-----	116	16	7.6	11	4.2	6.5	57
31	7.9	-----	30	15	-----	80	-----	7.0	-----	3.8	6.5	-----
TOTAL	575.2	510.7	1,282	873	1,869	1,984	910	307.1	243.8	176.2	230.4	205.7
MEAN	18.6	17.0	41.4	28.2	66.8	64.0	30.3	9.91	8.13	5.68	7.43	6.86
MAX	72	78	203	95	341	353	65	29	29	15	23	57
MIN	7.6	5.9	15	15	16	21	16	7.0	4.4	3.4	3.4	3.0
CFSM	1.32	1.21	2.93	2.00	4.73	4.54	2.19	.70	.58	.40	.53	.49
IN.	1.52	1.35	3.38	2.30	4.93	5.23	2.40	.81	.64	.46	.61	.54

CAL YR 1964: TOTAL 11,097.40 MEAN 39.3 MAX 361 MIN 3.0 CFSM 7.78 IN 27.77
 MAY 1965: TOTAL 9,167.1 MEAN 29.1 MAX 353 MIN 3.0 CFSM 7.78 IN 27.77

Note --No gage-height record Apr 22 to May 28

2-4380 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, 0.5 mile downstream from Woods Creek and 2 miles south of Hamilton

Drainage area --284 sq mi

Records available --October 1950 to September 1965 Monthly discharge only for period October to December 1950, published in WSP 1724

Gage --Water-stage recorder Datum of gage is 360.50 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) July 7, 1953, to July 10, 1954, staff gage at site 300 ft upstream at same datum

Average discharge --15 years, 507 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (7,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	0800	* 15,400	20 58	Mar 12, 1963	0500	11,400	17 02	Apr 27, 1964	1000	8,540	14 09
Mar 31, 1961	0630	7,220	12 61	May 26, 1963	1930	* 21,900	25 90	May 2, 1964	1700	10,500	16 06
Dec 12, 1961	1130	14,900	20 17	Jan 25, 1964	2200	8,790	14 35	Feb 12, 1965	0400	* 14,500	19 84
Dec 17, 1961	0250	22,100	28 10	Mar 15, 1964	0730	9,680	15 28	Mar 26, 1965	0930	9,070	14 65
Dec 27, 1961	0510	12,400	17 91	Mar 26, 1964	0100	9,210	14 80				
Feb 23, 1962	0945	15,800	20 90	Apr 7, 1964	1300	9,010	14 59				
Apr 11, 1962	1715	* 23,000	26 75	Apr 13, 1964	1300	* 10,600	16 18				

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	50	1 24	1964	Many days	a 33	-
1962	Sept 24, 1962	43	1 35	1965	Aug 6, 1965	50	-
1963	Sept 24, 25, 1963	27	1 06				

a Minimum daily

1950-65 Maximum discharge, 24,200 cfs Mar 29, 1951, maximum gage height, 26.75 ft
Apr 11, 1962, minimum, 19 cfs Sept 2-5, 15, 1954 (gage height, 0.78 ft)

Remarks --Records good Occasional diurnal fluctuation at low flow

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	81	283	205	1,860	215	1,120	2,860	426	170	125	89	116
2	76	208	187	1,010	246	925	1,790	466	160	118	84	139
3	73	169	176	720	406	812	1,390	382	150	111	78	115
4	69	144	173	565	314	712	1,120	358	140	111	76	120
5	81	135	169	470	278	642	930	354	140	98	70	111
6	280	135	165	410	275	610	805	594	130	172	68	106
7	199	129	165	370	542	924	675	601	220	258	68	158
8	412	124	163	330	785	2,380	610	486	200	165	85	108
9	458	194	148	282	610	1,470	1,020	1,340	190	129	126	95
10	221	601	144	262	516	1,020	895	675	180	103	98	84
11	196	350	259	243	439	822	720	502	240	98	80	88
12	167	262	240	235	390	705	1,400	426	200	443	72	84
13	129	223	191	229	350	1,550	1,120	358	142	426	64	81
14	148	196	178	275	310	1,230	920	318	113	303	70	77
15	192	176	196	300	282	949	880	828	172	198	778	78
16	156	191	198	249	269	791	820	439	125	189	820	71
17	118	191	176	218	264	803	665	350	118	180	302	67
18	128	169	165	213	750	2,570	578	290	120	165	184	64
19	297	158	165	446	904	1,470	524	260	109	144	140	63
20	443	148	317	542	5,930	1,170	480	240	370	131	115	66
21	218	144	588	422	13,000	1,860	439	220	793	125	108	64
22	169	208	414	342	7,440	1,270	406	210	342	120	101	62
23	146	1,300	338	362	4,130	1,000	386	200	223	115	145	58
24	133	635	296	303	2,050	828	366	210	193	224	1,270	56
25	118	439	265	256	2,160	701	362	240	222	142	454	56
26	113	342	249	282	1,680	616	465	440	327	120	249	56
27	116	282	229	282	1,340	577	565	360	201	105	223	54
28	113	256	213	243	1,320	2,340	475	280	161	98	198	53
29	108	269	345	232	-----	1,790	398	240	142	92	173	53
30	116	229	620	215	-----	2,440	374	210	127	91	152	52
31	406	-----	1,390	213	-----	5,530	-----	190	-----	84	147	-----
TOTAL	5,680	8,290	8,731	12,361	47,195	41,637	24,398	12,493	6,120	4,983	6,687	2,455
MEAN	183	276	282	399	1,686	1,343	813	403	204	161	216	81.8
MAX	458	1,300	1,390	1,860	13,000	5,530	2,860	1,340	793	443	1,270	158
MIN	69	124	144	213	215	577	362	190	109	84	64	52
CFSM	.65	.97	.99	1.40	5.93	4.73	2.86	1.42	.72	.57	.76	.29
IN.	.74	1.09	1.14	1.62	6.18	5.45	3.19	1.64	.80	.65	.88	.32

CAL YR 1960: TOTAL 169,890 MEAN 466 MAX 8,050 MIN 46 CFSM 1.63 IN 22.25

CAL YR 1961: TOTAL 181,030 MEAN 496 MAX 13,000 MIN 52 CFSM 1.75 IN 23.71

2-4380 Buttahatchee River below Hamilton, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	211	74	276	1,130	1,430	2,460	1,530	435	165	123	292	85
2	268	78	256	960	1,210	1,840	1,090	388	159	106	119	116
3	435	159	240	854	1,060	1,500	876	344	144	108	132	65
4	182	204	234	775	900	1,270	764	316	150	99	159	66
5	110	140	332	1,960	800	1,080	808	301	144	94	113	100
6	92	113	374	3,730	720	932	4,440	276	134	107	104	92
7	82	97	328	2,370	660	826	2,980	269	123	92	90	67
8	80	94	276	1,720	620	803	1,840	253	167	84	80	62
9	78	91	810	1,380	600	1,460	1,610	240	200	76	90	65
10	76	87	2,410	1,140	580	1,820	1,310	234	144	67	76	70
11	72	91	5,420	940	540	2,580	15,200	220	305	66	65	65
12	69	124	12,500	870	520	1,920	14,000	212	234	73	64	61
13	68	748	3,700	800	480	1,440	3,690	207	209	73	62	89
14	67	765	1,870	809	460	1,170	2,080	189	161	65	61	123
15	63	366	1,940	2,480	450	1,030	1,640	181	136	61	58	76
16	63	1,190	6,590	1,860	600	887	1,480	170	119	57	57	380
17	64	554	15,800	1,380	560	780	1,320	165	112	89	55	195
18	67	346	18,800	1,170	700	700	1,170	163	112	76	52	99
19	67	275	4,000	1,340	960	640	1,040	152	119	56	50	76
20	67	221	2,100	1,130	714	600	915	144	155	49	50	62
21	68	191	1,600	988	980	1,060	803	142	132	47	71	62
22	68	269	1,460	910	2,100	708	725	140	108	46	94	64
23	69	3,820	1,390	2,120	11,300	635	660	134	100	45	66	65
24	68	1,680	1,170	1,750	5,340	580	620	134	129	82	76	65
25	69	943	994	2,420	2,560	1,080	596	125	212	366	62	65
26	78	669	876	3,290	2,100	1,060	569	121	256	195	62	144
27	72	532	1,200	9,140	1,860	865	495	117	184	100	60	194
28	430	430	1,240	5,560	3,470	753	542	117	146	85	85	108
29	69	348	982	2,970	-----	669	618	110	257	90	50	88
30	71	304	831	2,010	-----	675	485	202	159	90	50	84
31	73	-----	870	1,670	-----	2,130	-----	223	-----	131	51	-----
TOTAL	3,054	15,003	90,469	61,636	44,274	35,953	65,896	6,424	4,875	2,898	2,526	2,953
MEAN	96.5	500	2,918	1,988	1,481	1,160	2,197	163	163	93.5	81.5	96.4
MAX	435	3,820	18,800	9,140	11,300	2,580	15,200	435	305	366	292	380
MIN	63	74	234	775	450	580	485	110	100	45	50	61
CFSM	.35	1.76	10.3	7.00	5.57	4.08	7.73	.73	.57	.33	.29	.35
IN.	.40	1.96	11.8	8.07	5.80	4.71	8.63	.84	.64	.38	.33	.39

CAL YR 1961: TOTAL 266,855 MEAN 731 MAX 18,800 MIN 52 CFSM 2.57 IN 34.94
 MAY YR 1962: TOTAL 335,961 MEAN 920 MAX 18,800 MIN 45 CFSM 3.24 IN 43.99

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	109	69	99	237	971	294	328	1,870	725	430	157	57
2	485	72	99	191	764	308	294	1,120	574	308	100	51
3	181	73	92	167	977	256	279	809	490	370	85	50
4	117	70	94	157	742	240	262	596	486	286	73	61
5	113	67	113	144	613	1,560	290	475	490	184	74	73
6	88	66	123	148	511	2,420	481	934	400	159	100	62
7	85	67	110	148	450	1,380	635	990	300	144	76	52
8	104	69	106	138	383	949	455	569	250	142	108	50
9	106	80	100	127	332	798	397	406	220	150	79	47
10	88	102	95	123	301	686	348	328	200	117	65	45
11	82	92	94	153	336	1,610	304	325	180	100	61	43
12	80	113	88	276	320	8,100	266	360	155	94	60	42
13	80	117	88	209	272	2,510	232	262	144	105	132	47
14	80	97	88	174	253	1,570	215	269	132	506	292	50
15	79	84	90	163	232	1,200	202	300	123	220	97	49
16	79	82	99	161	212	1,180	196	220	140	177	73	47
17	79	95	106	159	209	1,130	189	220	167	150	67	45
18	79	342	99	167	224	960	172	229	152	134	62	43
19	76	189	92	260	947	837	172	204	146	113	76	41
20	72	161	92	596	680	747	179	194	822	112	115	39
21	109	186	152	416	521	596	170	194	999	219	348	36
22	134	181	370	328	406	509	165	194	736	121	123	33
23	97	157	179	754	357	445	150	194	1,040	103	88	30
24	78	123	163	600	370	406	144	189	932	627	74	29
25	72	113	411	500	328	411	205	713	521	167	69	28
26	70	106	286	558	294	802	237	13,200	388	189	74	31
27	70	100	202	553	201	686	184	13,801	608	150	72	37
28	70	99	170	553	246	542	671	3,380	708	123	69	46
29	70	100	680	450	-----	465	3,830	1,910	553	134	86	53
30	70	102	516	1,510	-----	397	3,880	1,300	374	108	84	51
31	70	-----	320	1,420	-----	357	-----	954	-----	110	70	-----
TOTAL	3,174	3,374	5,425	11,818	12,504	34,342	15,490	46,708	13,155	6,052	3,109	1,368
MEAN	102	112	175	381	447	1,108	516	1,507	439	195	100	45.6
MAX	485	342	977	1,510	977	8,100	3,880	13,800	1,040	627	348	73
MIN	70	66	88	123	209	240	144	189	123	94	60	28
CFSM	.36	.40	.62	1.34	1.57	3.90	1.82	5.31	1.54	.69	.35	.16
IN.	.42	.44	.71	1.55	1.64	4.50	2.03	6.12	1.72	.79	.41	.18

CAL YR 1962: TOTAL 239,408 MEAN 656 MAX 13,800 MIN 28 CFSM 1.31 IN 26.38
 MAY YR 1963: TOTAL 156,519 MEAN 429 MAX 13,800 MIN 28 CFSM 1.31 IN 26.38

2-4380 Buttahatchee River below Hamilton, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	47	61	134	207	480	480	800	1,100	253	170	92	72
2	47	90	121	256	397	2,190	740	4,570	196	140	90	68
3	45	56	125	303	340	2,510	720	3,360	163	110	88	62
4	43	45	110	569	304	3,470	1,190	1,870	152	93	97	58
5	39	145	102	591	347	3,380	1,320	1,300	144	84	207	54
6	38	343	92	741	465	1,810	4,130	1,050	242	80	246	51
7	35	120	87	1,170	374	1,350	5,430	850	177	340	123	49
8	35	78	106	878	308	1,240	3,130	720	157	190	95	47
9	34	64	112	3,620	279	1,420	1,800	650	140	130	90	45
10	33	62	95	1,840	276	2,060	1,380	640	134	150	88	44
11	33	55	1,620	1,140	272	1,360	1,160	580	138	1,600	102	42
12	33	51	2,410	999	256	1,080	2,810	526	155	2,300	140	41
13	33	51	918	781	521	887	7,610	455	134	430	97	39
14	33	52	564	591	753	1,320	4,100	383	119	194	80	38
15	34	52	374	490	2,350	6,950	2,130	340	112	148	80	37
16	35	52	286	440	2,170	2,780	1,570	301	104	150	230	38
17	35	53	246	397	1,390	1,740	1,300	276	119	136	235	40
18	36	56	234	352	1,510	1,330	1,100	256	113	127	132	131
19	36	55	204	328	1,250	1,130	960	240	100	108	108	196
20	37	52	191	344	988	1,090	900	232	87	162	94	90
21	38	62	186	276	803	971	880	234	83	357	84	73
22	38	65	182	259	697	803	870	209	81	214	80	64
23	37	224	290	246	596	708	1,800	209	80	250	127	58
24	38	138	252	3,300	542	686	2,870	212	85	148	119	53
25	40	88	237	4,330	569	4,020	2,190	191	75	148	117	48
26	41	74	256	1,850	574	5,810	3,280	179	71	181	161	45
27	36	73	272	1,220	495	2,340	6,900	168	70	125	123	45
28	34	90	243	893	547	1,610	3,250	184	70	104	88	891
29	34	559	226	697	526	1,230	1,800	243	74	95	82	2,870
30	33	217	199	580	988	1,300	1,300	181	100	104	78	1,630
31	33	---	189	537	---	898	---	181	---	99	76	---
TOTAL	1,143	3,183	10,663	30,225	20,379	59,641	68,790	21,890	3,728	8,667	3,649	7,019
MEAN	36.9	106	344	975	703	1,924	2,293	706	124	280	118	234
MAX	47	559	2,410	4,330	2,350	6,950	7,610	4,570	253	2,300	246	2,870
MIN	33	45	87	207	256	480	720	163	70	80	76	37
CFSM	.13	.37	1.21	3.43	2.47	6.77	8.07	2.49	.44	.98	.41	.82
IN.	.15	.42	1.40	3.96	2.67	7.81	9.01	2.87	.49	1.13	.48	.92

CAL YR 1963: TOTAL 159,535
MAX 437

MEAN 437

MAX 13,800

MIN 58

CFSM 1.54

IN 20.89

CFSM 2.30

IN 31.29

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	506	150	618	620	362	725	1,270	269	135	123	62	317
2	312	142	506	735	464	1,120	1,020	266	130	80	61	232
3	240	140	455	1,250	366	870	1,030	237	125	79	58	148
4	1,060	138	714	855	326	760	1,010	218	122	148	56	129
5	1,190	135	521	700	315	700	845	209	120	132	56	119
6	526	134	406	616	337	665	745	194	160	198	55	112
7	344	134	357	548	560	612	665	186	260	247	124	104
8	262	135	340	516	540	556	628	179	163	140	616	88
9	218	136	308	616	2,960	528	620	172	127	102	172	84
10	186	130	276	2,320	3,240	500	600	170	123	157	207	84
11	168	130	3,110	1,270	9,970	464	580	168	207	187	112	117
12	163	130	3,430	920	9,840	850	620	163	246	100	112	349
13	161	128	1,700	750	2,930	790	550	163	215	84	97	148
14	161	123	1,070	620	1,810	665	500	157	232	78	84	110
15	118	120	790	552	1,340	715	550	148	204	76	73	94
16	618	117	648	532	1,090	700	580	145	165	90	66	82
17	374	117	660	496	990	2,140	530	145	150	85	64	79
18	276	159	915	452	825	1,850	510	140	144	72	61	76
19	223	330	685	416	715	1,200	540	140	115	65	87	74
20	191	522	665	384	650	905	520	152	104	63	205	72
21	184	290	604	366	580	735	460	168	97	62	125	70
22	172	246	548	344	530	636	420	185	88	61	266	78
23	161	215	528	604	510	604	400	266	97	69	264	181
24	159	287	524	596	580	860	390	174	142	184	226	287
25	157	1,270	1,120	500	730	1,070	370	150	106	425	140	157
26	155	753	735	464	560	6,990	370	140	90	159	104	104
27	155	500	580	412	520	2,850	528	270	84	202	292	90
28	182	2,080	516	376	530	1,700	373	240	85	108	1,030	82
29	220	1,380	504	366	---	2,090	315	165	78	90	345	79
30	189	865	612	355	---	2,590	283	150	87	74	189	320
31	168	---	770	337	---	1,670	---	140	---	66	138	---
TOTAL	9,799	11,136	25,215	19,888	44,170	39,110	17,822	5,649	4,201	3,806	5,547	4,066
MEAN	316	371	813	642	1,578	1,262	594	182	140	123	179	136
MAX	1,190	2,080	3,430	2,320	9,970	6,990	1,270	270	260	425	1,030	349
MIN	155	117	276	337	315	464	283	160	78	61	55	70
CFSM	1.11	1.31	2.86	2.26	5.55	4.44	2.09	.64	.49	.43	.63	.48
IN.	1.28	1.46	3.30	2.60	5.78	5.12	2.33	.74	.55	.50	.73	.53

CAL YR 1964: TOTAL 270,138
MAX 7,610

MEAN 738

MEAN 522

MAX 7,610

MIN 37

CFSM 2.60

IN 32.37

CFSM 1.84

IN 32.35

MOBILE RIVER BASIN

2-4399 8 Chuquatonchee Creek near Okolona, Miss

Location --Lat 34°00'05", long 88°53'00", in NE $\frac{1}{4}$ sec 33, T 12 S, R 4 E, Chickasaw meridian, on right bank 50 ft downstream from bridge on State Highway 32, 1.5 miles northeast of Van Vleet, 3.1 miles upstream from Dicks Creek, and 7.5 miles west of Okolona

Drainage area --68.5 sq mi

Records available --June 1963 to September 1965

Gage --Water-stage recorder Altitude of gage is 285 ft (from topographic map)

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), June 1963 to September 1965											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
July 14, 1963	0500	* 1,950	13 60	Mar 15, 1964	0300	* 2,430	15 21	Feb 12, 1965	0030	2,000	13 78
Feb 15, 1964	1500	2,020	13 83	Apr 6, 1964	0015	2,240	14 55	Mar 1, 1965	0530	2,060	13 98
Mar 2, 1964	1700	2,200	14 42	Apr 12, 1964	0650	2,180	14 38	Mar 29, 1965	1900	* 2,070	14 01
				Apr 27, 1964	0130	2,030	13 86				

Annual minimum discharge, June 1963 to September 1965							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1963	Sept 24, 1963	1 0	2 82	1965	Aug 18, 1965	a 1 4	-
1964	Oct 13, 1963	1 0	2 85				

a Minimum daily

Remarks --Records good except those for period of no gage-height record, which are poor

Cooperation --Gage-height record, 32 discharge measurements, and records of daily discharge furnished by Corps of Engineers, eight discharge measurements made and records reviewed by Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, JUNE TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1									21	60	14	4.8
2									16	10	9.7	4.3
3									13	20	8.1	3.8
4									11	30	7.4	3.4
5									9.4	10	6.9	5.8
6									8.4	7.0	6.9	11
7									7.4	5.5	6.4	5.1
8									6.9	5.0	6.1	4.4
9									6.4	5.0	5.8	3.3
10									5.6	5.8	5.3	2.3
11									5.1	4.3	5.3	2.0
12									4.3	4.1	11	2.3
13									4.6	4.8	7.4	5.4
14									4.1	934	17	3.3
15									3.6	80	6.4	3.1
16									3.4	61	5.1	3.3
17									3.2	160	4.8	2.8
18									3.0	221	4.6	2.3
19									3.0	103	4.1	1.9
20									60	57	4.1	1.8
21									40	297	9.7	1.6
22									60	43	5.3	1.4
23									20	29	4.6	1.4
24									10	22	4.1	1.3
25									20	17	3.8	1.3
26									9.7	15	3.8	2.0
27									10	16	4.3	4.4
28									11	25	3.8	3.6
29									11	14	18	3.9
30									15	13	7.4	4.4
31										17	5.8	
TOTAL									406.1	2,295.5	217.0	184.5
MEAN									13.5	74.0	7.00	6.15
MAX									60	934	18	58
MIN									3.0	4.1	3.8	1.3
CFSH									-20	1.08	-10	-0.9
IN.									-22	1.25	-12	-1.0

2-4399 8 Chuquatonchee Creek near Okolona, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.2	6.5	18	20	46	86	55	98	40	27	20	2.8
2	4.2	6.8	18	21	35	1,340	50	243	30	175	21	2.5
3	2.0	4.4	18	21	32	434	48	143	24	57	11	2.4
4	1.9	4.7	17	19	30	569	287	110	20	26	9.0	2.0
5	1.6	22	17	17	254	600	624	90	18	17	17	2.5
6	1.5	10	17	60	184	137	1,210	70	18	17	9.4	2.4
7	1.5	6.5	17	54	75	441	975	65	18	23	8.4	2.4
8	1.4	5.8	22	93	51	382	228	60	17	15	7.7	2.3
9	1.4	5.8	19	751	43	321	136	60	16	17	7.7	2.3
10	1.4	5.8	19	84	40	287	108	70	15	13	7.4	2.2
11	1.3	5.4	593	54	36	115	94	65	12	191	9.7	2.2
12	1.3	5.4	305	137	34	89	1,250	60	12	103	9.4	2.0
13	1.3	7.2	64	58	210	91	1,740	65	13	38	7.7	1.9
14	1.3	13	42	39	106	118	1,190	50	10	22	7.1	2.0
15	1.4	13	33	36	1,140	1,570	207	40	10	17	10	2.0
16	1.5	13	30	30	268	258	152	35	9.4	18	110	2.0
17	1.5	13	30	27	118	155	125	30	10	20	25	2.2
18	22	13	27	26	235	121	110	27	9.7	12	15	2.5
19	52	15	25	26	124	118	104	25	7.4	10	9.8	2.4
20	51	15	19	76	84	109	96	25	8.4	9.7	7.1	2.2
21	52	17	18	32	71	86	90	23	8.4	9.7	6.8	2.2
22	50	17	19	28	66	70	116	20	8.1	66	6.4	2.2
23	47	34	23	26	64	55	437	20	8.4	36	5.8	2.1
24	42	19	27	773	64	45	759	22	10	16	5.5	2.0
25	36	17	24	274	71	706	360	20	8.4	14	5.2	1.9
26	32	16	26	92	65	315	621	18	7.4	13	5.2	1.9
27	32	16	32	68	64	122	1,000	15	7.1	14	5.2	2.0
28	19	17	25	51	413	96	221	18	6.9	9.7	4.2	24
29	3.9	22	44	103	84	44	137	25	8.4	8.7	4.0	2.0
30	3.4	19	19	41	-----	70	109	20	78	10	3.7	9.3
31	3.6	-----	18	53	-----	60	-----	25	-----	14	3.5	-----
TOTAL	476.6	385.3	1,602	3,131	4,126	10,122	11,832	1,657	469.0	1,038.8	384.9	133.3
MEAN	15.4	12.8	51.7	100	132	328	384	53.5	15.6	33.5	12.4	4.4
MAX	52	34	593	773	1,140	1,570	1,740	243	78	191	110	40
MIN	1.3	4.4	17	17	30	45	48	15	6.9	8.7	3.5	1.9
CFSM	.22	.19	.75	1.47	2.08	4.77	5.76	.78	.23	.49	.18	.06
IN.	.26	.21	.87	1.70	2.24	5.50	6.42	.90	.25	.56	.21	.07

CAL YR 1963: TOTAL 35,357.9 MEAN 96.6 MAX 1,740 MIN 1.3 CFSM 1.41 IN 19.20
 WAT YR 1964: TOTAL 35,357.9 MEAN 96.6 MAX 1,740 MIN 1.3 CFSM 1.41 IN 19.20

Note -- No gage-height record May 4 to June 3

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.8	4.2	23	34	37	1,010	134	19	5.5	2.7	2.3	2.4
2	4.0	4.5	21	36	38	494	110	18	4.8	2.5	2.2	2.1
3	4.0	4.5	20	109	34	174	135	17	4.5	2.4	2.1	2.0
4	25	4.8	20	46	31	132	120	17	4.2	2.4	2.2	2.2
5	14	4.8	16	37	31	107	99	16	4.0	2.4	1.9	2.2
6	6.4	4.8	15	34	33	102	87	15	4.2	3.9	1.9	2.0
7	5.5	6.1	34	37	84	109	15	15	2.3	2.5	4.5	1.8
8	5.2	7.1	15	31	162	75	94	13	6.8	2.7	14	1.7
9	4.8	6.1	15	31	476	73	42	13	5.5	7.6	9.8	1.5
10	4.2	5.8	14	172	777	67	31	12	4.8	3.5	13	1.6
11	4.0	5.8	327	57	1,390	56	22	25	26	3.5	2.8	33
12	4.0	6.1	183	44	872	389	18	24	15	2.1	2.5	13
13	4.0	6.1	64	38	181	127	17	17	7.4	2.0	2.7	4.0
14	5.2	6.4	42	33	118	88	49	13	6.8	1.9	2.2	3.0
15	5.8	5.8	34	33	91	181	52	12	7.4	2.4	1.8	2.4
16	5.5	5.5	31	34	75	98	42	14	6.1	2.4	1.9	2.2
17	4.2	5.5	48	31	71	380	40	14	6.1	30	1.6	2.0
18	3.9	11	74	30	62	133	39	12	5.2	19	1.4	1.9
19	3.7	40	40	28	56	82	73	15	4.5	3.9	4.1	1.9
20	3.5	32	47	28	50	67	48	13	4.0	3.2	2.4	2.0
21	3.7	15	37	27	47	58	37	15	4.0	2.7	1.8	1.8
22	3.5	12	34	47	61	56	33	10	3.7	4.7	1.6	4.3
23	3.5	11	34	184	41	57	31	10	3.5	3.4	6.3	11
24	3.4	19	35	82	672	72	29	7.9	4.0	132	9.2	3.5
25	3.5	46	51	53	306	221	27	7.9	3.5	90	2.3	2.7
26	3.4	20	41	44	113	953	50	6.1	3.2	44	1.9	2.5
27	3.5	17	31	36	88	184	51	22	3.0	19	1.9	2.4
28	5.8	274	29	35	74	125	30	15	3.0	13	52	24
29	6.8	52	28	33	-----	1,140	25	14	3.0	4.0	10	65
30	4.2	29	53	33	-----	538	21	7.4	2.8	2.8	3.4	71
31	4.2	-----	43	33	-----	186	-----	6.8	-----	2.5	2.4	-----
TOTAL	167.2	671.9	1,479	1,546	6,004	7,511	1,695	436.1	174.8	421.1	170.1	273.1
MEAN	5.39	22.4	47.7	49.9	214	242	56.5	14.1	5.83	13.6	5.49	9.10
MAX	25	274	327	184	1,390	1,140	135	25	26	132	52	71
MIN	3.4	4.2	14	27	31	36	17	6.1	2.8	1.9	1.4	1.5
CFSM	.08	.33	.70	.73	3.13	3.54	.82	.21	.09	.20	.08	.13
IN.	.09	.36	.80	.84	3.26	4.08	.92	.24	.09	.23	.09	.15

CAL YR 1964: TOTAL 35,313.1 MEAN 96.3 MAX 1,390 MIN 1.2 CFSM 1.82 IN 17.18
 WAT YR 1965: TOTAL 35,313.1 MEAN 96.3 MAX 1,390 MIN 1.2 CFSM 1.82 IN 17.18

2-4400 Chuquatonchee Creek near Egypt, Miss

Location --Lat 33°50'30", long 88°46'30", on line between secs 27 and 22, T 14 S , R 5 E , Chickasaw meridian, near left bank on downstream side of bridge on State Highway 8, 4½ miles southwest of Egypt and 1½ miles upstream from Houlika Creek

Drainage area --170 sq mi, approximately

Records available --October 1951 to September 1965

Gage --Water-stage recorder Datum of gage is 226 07 ft above mean sea level (levels by Corps of Engineers)

Average discharge --14 years, 210 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (5,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	0100	* 22,300	10 44	Feb 23, 1962	2100	5,810	8 23	Mar 15, 1964	1900	7,850	8 50
				Apr 12, 1962	0500	12,400	9 11	Apr 6, 1964	0600	* 7,920	8 51
Dec 12, 1961	1200	8,040	8 53					Apr 13, 1964	1100	7,850	8 50
Dec 17, 1961	2400	* 13,300	9 23	Mar 12, 1963	2300	* 6,920	8 45				
Jan 6, 1962	0800	5,740	8 22	July 14, 1963	1000	6,460	8 32	Feb 11, 1965	0500	* 8,600	8 60
Jan 27, 1962	0900	7,520	8 46								

Annual minimum discharge, water year 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	0 70	0 12	1963	Oct 13, 1962	0 40	0 07
1962	Oct 1, 1961, Sept 22, 23, 1962	70	a 02	1964	Many days	0	-
				1965	July 15, 1965	b 1 4	-

a Occurred Sept 22, 23, 1962

b Minimum daily

1951-65 Maximum discharge, 28,300 cfs Mar 21, 1955 (gage height, 11 23 ft), from rating curve extended above 11,000 cfs on basis of field estimate of peak flow, no flow at times

Flood of Mar 28, 1951, reached a stage of 10 47 ft, from records of Corps of Engineers

Remarks --Records fair Occasional slight regulation of low water, the result of releases from Davis Lake

Cooperation --Gage-height record and 52 discharge measurements furnished by Corps of Engineers

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	62	30	20	1,690	34	366	2,000	147	16	7.5	4.5	2.7
2	62	19	18	581	53	177	1,500	90	14	52	6.0	3.1
3	61	14	20	132	150	139	1,000	59	13	19	5.5	2.7
4	61	12	18	87	66	129	700	51	12	12	4.0	4.7
5	57	12	17	72	46	124	500	50	12	7.8	3.8	9.0
6	44	12	18	64	43	337	400	178	15	6.0	3.5	6.3
7	25	12	20	56	369	428	350	327	30	7.2	4.5	7.2
8	54	12	24	50	403	1,430	300	108	27	7.5	3.8	6.9
9	64	26	20	44	133	758	600	135	18	6.0	17	5.0
10	22	179	20	41	88	205	1,000	75	13	4.8	6.6	3.5
11	14	34	163	38	68	160	1,600	59	12	5.5	4.0	4.0
12	12	24	55	38	59	142	1,800	55	44	13	3.3	4.0
13	9.8	20	31	38	56	667	2,000	53	49	12	3.1	3.8
14	9.0	20	28	50	50	714	1,500	53	24	16	2.3	12
15	8.8	16	31	82	47	200	700	550	18	9.0	42	9.0
16	7.8	24	28	64	47	149	400	512	13	16	72	5.2
17	7.4	41	24	48	74	142	300	110	13	27	14	4.0
18	6.9	22	23	41	844	1,320	200	71	13	15	8.7	3.5
19	13	19	22	333	722	150	58	58	12	9.4	6.3	3.5
20	20	16	165	218	6,940	361	120	48	30	7.5	5.0	3.5
21	11	16	137	88	12,200	1,430	100	46	83	6.0	4.5	3.3
22	9.0	54	43	57	2,290	776	90	41	35	4.8	4.0	3.3
23	9.0	294	34	56	1,040	244	80	38	21	28	3.8	3.1
24	8.8	61	34	47	377	180	75	33	16	212	9.2	2.7
25	8.8	34	30	39	546	146	75	29	14	36	19	2.3
26	8.6	26	28	48	300	132	83	30	12	19	5.5	2.1
27	8.6	22	26	48	182	156	140	30	11	12	4.0	1.5
28	8.3	24	26	40	551	1,200	84	23	10	7.8	4.0	1.5
29	8.3	24	235	36	-----	2,020	62	21	8.7	6.0	3.5	1.5
30	20	24	388	34	-----	1,590	56	18	7.5	5.5	2.7	1.5
31	89	-----	596	35	-----	3,320	-----	18	-----	4.5	2.3	-----
TOTAL	810.1	1,143	2,342	4,295	27,778	19,914	17,965	3,116	616.2	601.8	282.4	168.7
MEAN	26.1	38.1	75.5	139	992	642	599	101	20.5	19.4	9.11	5.62
MAX	89	294	596	1,690	12,200	3,320	2,000	550	83	212	72	4.7
MIN	6.9	12	17	34	34	124	56	18	7.5	4.5	2.3	1.5
CFSM	.15	.22	.44	.81	5.84	3.78	3.52	.59	.12	.11	.05	.03
IN.	.18	.25	.51	.94	6.08	4.36	3.93	.68	.13	.13	.06	.04

CAL YR 1960: TOTAL 60,160.30 MEAN 164 MAX 8,540 MIN 1.50 CFSM 1.27 IN 13.16

WAT YR 1961: TOTAL 79,032.2 MEAN 217 MAX 12,200 MIN 1.50 CFSM 1.27 IN 17.16

2-4400 Chuquatonchee Creek near Egypt, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	35	2.5	96	592	227	1,200	213	248	195	101	48	2.5
2	74	3.3	92	299	198	334	110	160	129	53	14	8.5
3	37		91	187	181	223	89	99	190	39	76	4.1
4	17	59	89	131	170	190	84	78	263	32	33	1.8
5	7.5	48	115	1,200	166	158	108	68	381	23	14	1.5
6	6.0	64	138	4,710	164	132	898	63	118	148	11	1.8
7	4.5	21	124	1,790	166	124	437	99	66	98	8.6	1.5
8	4.0	16	95	372	172	124	180	55	48	39	6.9	1.5
9	4.0	15	322	214	175	818	241	50	41	23	5.8	1.5
10	4.0	13	2,350	170	153	938	155	46	35	18	5.0	3.2
11	4.0	12	3,350	140	142	1,500	3,680	42	68	16	4.4	4.1
12	3.3	15	6,750	120	141	577	8,800	38	90	20	4.1	2.2
13	3.3	585	3,390	110	137	218	2,150	35	130	20	3.8	1.5
14	2.9	1,970	690	100	131	167	426	32	52	15	3.2	3.2
15	2.3	993	514	1,190	79	150	242	30	36	13	2.7	3.8
16	2.9	1,040	1,110	1,380	175	130	184	28	26	12	2.5	13
17	2.5	321	8,000	288	96	113	163	27	22	10	2.7	11
18	2.3	112	10,700	212	116	108	148	25	21	9.0	2.7	3.5
19	2.3	82	3,110	540	436	107	134	23	18	8.3	2.0	2.5
20	2.3	64	534	328	168	103	119	21	22	7.6	1.5	1.3
21	2.3	50	265	225	245	264	107	18	18	6.6	2.7	1.1
22	2.3	108	218	210	671	130	97	17	14	6.0	11	.90
23	2.3	2,530	218	1,090	2,990	104	124	15	13	5.2	13	.90
24	2.3	2,860	178	1,550	3,150	96	128	15	11	4.5	6.2	.90
25	2.3	566	154	740	611	428	94	13	399	6.0	5.8	.90
26	2.5	151	142	1,020	378	363	92	12	416	15	6.9	3.2
27	1.7	110	241	5,650	603	154	78	10	98	25	6.9	10
28	1.9	122	250	2,960	1,250	120	193	9.4	109	15	3.2	3.8
29	2.7	110	159	791	-----	107	512	9.4	728	15	2.2	2.5
30	2.5	100	132	334	-----	98	193	376	498	21	2.0	1.8
31	2.7	-----	240	258	-----	539	-----	656	-----	12	2.2	-----
TOTAL	246.6	12,160.8	43,857	28,901	13,291	9,817	20,179	2,377.8	4,255	835.2	314.0	100.00
MEAN	7.95	405	1,415	952	475	317	675	76.7	142	26.9	10.1	3.33
MAX	74	2,860	10,700	5,650	1,500	8,800	8,800	728	148	148	76	13
MIN	1.7	2.5	89	100	79	96	78	9.4	11	4.5	1.5	.90
CFSM	.05	2.38	8.32	5.48	2.79	1.86	3.96	.45	.83	.16	.06	.02
IN.	.05	2.66	9.59	6.32	2.91	2.15	4.41	.52	.93	.18	.07	.02

CAL YR 1961: TOTAL 131,001.5 MEAN 354 MAX 12,200 MIN 1.5 CFSM 2.11 IN 28.66
 MAY YR 1962: TOTAL 136,334.40 MEAN 379 MAX 10,700 MIN .90 CFSM 2.20 IN 29.83

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.2	3.2	6.9	13	55	116	42	774	34	166	112	11
2	4.4	3.2	6.9	12	70	136	40	151	25	21	37	7.7
3	3.5	3.2	6.9	11	194	66	38	100	20	92	25	7.7
4	2.0	4.6	6.9	9.4	65	52	35	80	16	153	20	31
5	1.5	4.1	8.6	9.4	46	674	31	64	15	36	15	107
6	.90	3.8	9.4	9.8	35	3,110	116	53	13	17	13	36
7	.70	3.8	7.2	9.8	30	878	164	44	12	16	11	13
8	2.0	5.2	6.6	9.4	25	148	85	36	11	15	9.3	9.3
9	2.0	5.6	6.9	8.7	23	109	62	30	10	15	8.5	7.7
10	1.5	5.8	6.0	8.7	20	98	49	25	9.8	15	7.7	6.1
11	.90	5.6	5.8	9.0	137	133	40	22	8.6	14	6.9	5.8
12	.70	9.5	5.8	13	100	3,830	33	21	8.0	14	12	5.4
13	.70	14	5.2	12	48	3,650	29	19	8.0	14	11	6.5
14	.90	7.6	4.5	8.7	35	435	28	18	7.6	4,150	21	8.1
15	1.1	6.2	6.6	9.0	27	217	26	16	7.6	3,300	11	6.1
16	1.5	6.2	11	13	24	664	26	14	8.0	440	6.9	6.5
17	13	6.9	9.8	12	23	302	25	12	8.0	370	6.5	6.5
18	4.4	49	8.1	14	24	177	23	12	8.0	484	6.1	5.8
19	2.2	18	7.8	15	526	140	22	11	8.6	415	6.1	9.0
20	2.0	14	6.6	18	180	116	23	9.4	162	101	6.1	4.0
21	2.2	14	8.4	15	80	87	21	9.8	138	542	73	3.4
22	6.5	12	30	13	46	73	20	9.4	147	16	248	3.1
23	4.1	8.6	61	43	68	19	9.4	62	72	16	8.1	2.2
24	2.7	7.6	12	40	48	65	17	9.0	27	45	6.5	2.0
25	2.0	8.0	29	25	41	66	77	50	102	35	6.9	2.5
26	2.2	10	24	18	36	90	107	727	24	33	6.1	2.5
27	2.7	9.4	18	16	30	69	59	665	39	34	5.8	3.1
28	3.0	8.0	15	14	31	60	344	502	40	92	22	4.7
29	3.2	8.0	33	14	-----	53	1,130	176	22	37	159	3.7
30	3.2	7.2	24	276	-----	48	3,160	70	39	167	68	4.0
31	3.2	-----	16	125	-----	45	-----	45	-----	382	19	-----
TOTAL	83.10	272.3	365.9	841.9	2,042	15,775	5,891	3,784.0	1,040.2	11,535	742.5	327.4
MEAN	2.68	9.08	11.8	27.2	72.9	509	196	122	34.7	372	24.0	10.9
MAX	13	49	33	276	526	3,830	3,160	774	162	4,150	159	107
MIN	.70	3.2	4.5	8.7	20	45	17	9.0	7.6	14	5.8	2.0
CFSM	.02	.05	.07	.18	.43	2.99	1.16	.72	.20	2.19	.14	.06
IN.	.02	.06	.08	.18	.45	3.45	1.29	.83	.23	2.52	.16	.07

CAL YR 1962: TOTAL 80,791.30 MEAN 221 MAX 8,800 MIN .70 CFSM 1.30 IN 17.67
 MAY YR 1963: TOTAL 42,700.30 MEAN 117 MAX 4,150 MIN .70 CFSM .69 IN 9.34

2-4400 Chuquatonchee Creek near Egypt, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.3	4.9	18	34	94	152	101	140	49	67	30	2.9
2	3.7	8.9	18	36	69	1,190	97	1,220	30	82	28	2.3
3	3.4	6.7	18	57	58	4,090	97	1,450	26	176	13	1.9
4	1.9	5.2	16	49	52	916	536	202	23	37	8.9	2.1
5	1.5	23	16	36	210	721	583	129	20	19	11	1.9
6	1.5	27	16	244	615	353	6,720	104	18	12	10	1.7
7	1.5	9.3	16	297	214	400	3,420	90	18	33	6.4	1.7
8	1.5	7.0	22	145	111	1,110	1,470	81	17	16	5.2	1.3
9	1.7	6.4	23	2,000	87	654	306	74	15	16	4.9	1.1
10	1.7	6.1	19	1,510	76	1,070	190	90	14	14	4.6	1.1
11	1.9	5.5	837	173	63	359	154	75	12	96	5.5	.50
12	2.1	4.9	2,350	436	56	189	2,480	78	11	197	8.5	.10
13	1.9	4.3	663	208	148	148	7,020	81	11	56	4.9	0
14	1.9	9.7	132	96	478	546	3,640	61	11	28	4.0	0
15	1.7	16	76	75	1,190	5,320	602	51	9.7	18	4.6	0
16	1.7	16	56	71	2,490	3,190	243	45	8.9	20	122	0
17	1.7	16	48	60	563	383	187	4.0	9.7	15	56	0
18	1.5	16	45	59	669	214	159	36	9.7	11	24	1.3
19	47	16	38	60	374	188	142	33	8.5	9.7	14	3.1
20	55	16	33	121	189	218	125	29	7.3	8.5	10	2.1
21	55	16	28	82	134	172	113	29	6.4	7.3	8.1	1.1
22	54	19	27	60	111	130	113	26	6.1	7.7	7.7	.70
23	53	47	27	56	93	118	306	25	6.1	79	8.5	.60
24	46	24	27	792	87	109	1,190	27	9.3	21	6.4	0
25	43	18	29	3,860	105	481	1,110	25	7.0	14	5.2	0
26	35	16	54	739	112	933	1,010	21	5.5	11	4.9	0
27	32	16	82	152	98	354	18	5.8	70	4.6	0	0
28	32	16	52	103	502	177	1,550	22	5.5	11	4.3	76
29	8.0	23	40	79	265	135	262	39	6.1	7.7	4.0	52
30	3.7	22	33	70	-----	111	167	21	37	9.3	4.0	26
31	3.4	-----	29	80	-----	104	-----	24	-----	15	3.7	-----
TOTAL	504.2	441.9	4,888	11,844	9,505	24,235	36,696	4,386	423.6	1,134.2	436.9	181.40
MEAN	16.3	14.7	158	382	328	782	1,223	141	14.1	36.6	14.1	6.05
MAX	55	47	2,350	3,860	2,490	5,320	7,020	1,450	49	197	122	76
MIN	1.5	4.3	16	34	52	104	97	18	5.5	7.3	3.7	7.0
CFSM	.10	.09	.93	2.25	1.93	4.60	7.20	.83	.08	.22	.08	.04
IN.	.11	.10	1.07	2.59	2.08	5.30	8.03	.96	.09	.25	.10	.04

CAL YR 1963: TOTAL 47,813.1

MEAN 131

MAX 4,150

MIN 1.5

CFSM .77

IN 10.46

WAT YR 1964: TOTAL 94,676.20

MEAN 259

MAX 7,020

MIN 0

CFSM 1.52

IN 20.71

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8.5	8.1	44	86	53	787	247	33	8.9	3.6	3.0	5.1
2	6.1	8.1	39	112	69	3,170	184	30	8.5	3.4	2.5	5.7
3	5.2	7.2	34	393	43	840	181	27	8.6	2.6	2.0	2.8
4	113	6.6	40	125	46	276	225	26	7.7	2.6	1.7	2.6
5	76	6.9	30	78	43	193	164	22	7.3	2.6	1.5	2.8
6	20	7.2	26	65	44	202	137	22	7.3	3.6	13	2.6
7	13	7.2	60	149	269	149	21	9.7	4.2	4.2	16	2.4
8	9.3	9.8	25	55	122	120	24	19	9.7	7.6	15	1.8
9	9.3	9.0	23	54	2,650	107	152	17	8.5	4.8	5.7	1.6
10	8.5	7.5	22	422	2,580	94	118	16	29	5.1	17	1.8
11	8.1	7.2	600	144	5,750	87	107	17	19	4.5	6.3	167
12	7.7	7.2	1,000	85	5,010	768	95	89	30	2.6	5.4	146
13	8.1	7.2	253	68	1,580	794	81	24	14	1.8	6.9	18
14	6.7	7.2	95	55	272	192	75	17	9.8	1.6	4.5	8.4
15	11	7.5	64	51	178	280	77	14	19	1.4	3.0	5.7
16	8.5	7.2	56	53	145	200	69	14	10	3.6	2.0	3.9
17	8.1	7.5	99	40	138	462	59	18	7.8	1.6	1.5	2.6
18	9.8	8.7	290	41	123	359	58	16	6.9	38	2.8	2.4
19	5.2	82	95	39	106	167	88	18	6.0	5.7	26	2.1
20	4.9	96	98	40	92	115	88	26	4.8	3.4	51	7.8
21	5.2	26	90	39	87	96	62	22	4.2	1.8	12	2.8
22	4.9	18	74	50	76	90	35	17	4.2	2.4	36	2.6
23	4.9	12	69	571	70	88	49	13	3.9	4.2	19	14
24	4.6	56	65	247	503	103	45	12	4.5	4.2	33	7.8
25	4.6	242	128	119	2,120	249	40	10	4.5	257	6.0	3.9
26	4.3	51	89	86	446	644	44	9.7	3.9	20	2.8	3.1
27	4.3	30	59	60	180	1,120	99	39	4.2	86	4.2	2.6
28	121	680	48	53	142	266	55	50	4.2	16	95	2.4
29	42	448	46	48	-----	581	41	31	4.2	7.5	55	52
30	12	79	66	46	-----	2,030	36	13	4.2	5.4	7.5	68
31	8.7	-----	178	42	-----	920	-----	12	-----	4.0	5.1	-----
TOTAL	559.5	1,957.3	3,870	3,427	22,733	15,729	714.7	3,252	283.0	508.8	462.4	552.3
MEAN	18.0	65.2	125	111	812	507	108	23.1	9.43	16.4	14.9	18.4
MAX	121	680	1,000	571	5,750	3,170	299	89	39	257	95	167
MIN	4.3	6.6	22	39	43	87	36	9.7	3.9	1.4	1.5	1.6
CFSM	.11	.38	.73	.65	4.78	2.98	.66	.14	.06	.10	.09	.11
IN.	.12	.43	.85	.75	4.97	3.44	.71	.16	.06	.11	.10	.12

CAL YR 1964: TOTAL 95,228.90

MEAN 268

MAX 7,020

MIN 0

CFSM 1.33

IN 20.83

WAT YR 1965: TOTAL 54,049.0

MEAN 140

MAX 5,750

MIN 1.4

CFSM .87

IN 11.82

2-4404 Houlka Creek near McCondy, Miss

Location --Lat 33°47'05", long 88°51'15", in SW $\frac{1}{4}$ sec 11, T 15 S, R 4 E, Chickasaw meridian, near right bank on upstream side of bridge on State Highway 47, 300 ft downstream from Long Creek, and 2.8 miles south of McCondy

Drainage area --185 sq mi

Records available --July 1963 to September 1965

Gage --Water-stage recorder Altitude of gage is 225 ft (from topographic map)

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height, in feet)

Annual maximum discharge (*) and peak discharges above base (4,000 cfs), July 1963 to September 1965											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
July 15, 1963	0700	* 6,200	13.80	Mar 15, 1964	2400	4,990	13.48	Feb 11, 1965	2400	* 10,400	14.74
Mar 3, 1964	1100	4,930	13.46	Apr 6, 1964	1300	* 10,000	14.66				
				Apr 13, 1964	1200	9,550	14.57				

Annual minimum discharge, July 1963 to September 1965							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1963	Sept 24, 1963	0.40	1.77	1965	July 13, Aug 18, 1965	0.50	b 1.74
1964	Many days	30	a 1.60				

a Occurred Sept 10-15, 1964

b Occurred Oct 24-25, 1964

Remarks --Records fair

Cooperation --Gage-height record, 33 discharge measurements, and records of daily discharge furnished by Corps of Engineers, seven measurements made, and records reviewed by Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, JULY TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1										-	76	24
2										-	44	14
3										-	22	11
4										-	18	16
5										-	65	20
6										-	91	12
7										-	26	9.5
8										-	16	7.0
9										-	13	5.8
10										-	12	4.6
11										6.2	91	4.2
12										1.5	81	3.5
13										12	86	3.8
14										3,110	166	19
15										4,460	40	19
16										2,140	18	20
17										1,110	13	14
18										896	10	6.7
19										459	8.5	4.0
20										147	20	2.7
21										540	306	2.0
22										90	40	1.2
23										49	18	1.0
24										38	13	.60
25										30	11	.60
26										28	13	.60
27									† 14	30	52	2.0
28										69	78	2.3
29										48	150	1.8
30										218	430	1.6
31										318	60	
TOTAL										-	2,087.5	234.70
MEAN										-	67.3	7.82
MAX										-	430	24
MIN										-	8.5	.60
CFSM										-	.36	.04
IN.										-	.42	.05

† Result of discharge measurement

2-4404 Houlika Creek near McCordy, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.3	2.0	7.0	28	141	213	87	143	262	136	14	1.2
2	1.2	7.0	7.0	24	111	1,870	83	1,700	50	73	14	1.1
3	1.0	5.5	10	39	78	3,800	83	2,260	26	108	9.6	1.2
4	.80	3.8	8.5	27	61	2,000	700	373	24	31	4.5	1.8
5	.50	19	7.3	17	300	836	1,090	165	16	19	9.6	1.2
6	.50	13	6.4	225	808	716	7,480	112	15	9.9	8.2	.80
7	.60	5.0	6.4	400	304	662	3,380	87	14	20	5.5	.60
8	.50	3.0	16	1,100	161	1,800	2,080	71	14	12	6.1	.60
9	.50	2.0	17	2,100	114	1,580	484	61	12	8.5	14	.40
10	.30	2.0	14	1,500	85	1,600	227	68	11	7.6	3.0	.30
11	.30	1.3	1,400	344	66	706	179	56	9.9	19	7.3	.30
12	.30	1.5	2,090	522	56	262	2,290	91	9.5	22	8.5	.30
13	.30	1.3	1,120	344	357	198	7,680	78	9.2	34	2.5	.30
14	.60	1.3	198	160	692	844	3,840	46	8.5	16	2.2	.30
15	.50	1.2	99	120	1,870	3,300	1,250	34	7.3	28	5.5	.30
16	.50	1.3	61	98	2,370	3,260	295	28	6.4	56	185	.50
17	.40	1.5	47	85	1,340	710	213	25	7.0	7.9	159	.80
18	.40	1.6	38	76	1,160	249	174	22	6.1	5.0	28	1.5
19	.60	1.3	28	72	662	226	146	20	5.0	3.0	12	1.0
20	1.1	2.0	25	83	295	283	124	20	4.5	2.0	7.3	1.5
21	.70	3.8	20	106	208	248	100	20	4.0	1.3	4.8	1.3
22	.40	7.3	16	53	166	172	104	18	4.0	1.6	4.5	1.1
23	.50	28	38	42	136	137	300	30	3.2	78	11	1.0
24	.60	12	42	1,170	124	121	900	26	4.5	28	4.5	1.0
25	.70	8.5	50	3,080	168	246	700	35	3.8	7.3	5.8	1.0
26	.80	5.8	91	1,960	184	952	3,000	20	3.0	4.5	3.0	1.2
27	.80	4.5	107	308	156	460	2,000	20	3.0	4.5	2.0	1.8
28	.80	5.8	64	178	522	179	600	149	3.5	2.7	1.6	208
29	.80	18	36	136	542	134	300	96	3.2	1.6	1.8	138
30	.90	11	24	111	104	190	31	112	16	2.7	2.7	24
31	1.0	18	120	92	92	75	14	1.6	1.6	1.6	1.6	1.6
TOTAL	20.20	181.3	5,711.6	14,628	13,237	27,960	40,279	5,980	661.6	777.4	551.1	394.40
MEAN	1.3	6.04	184	472	400	902	1,343	192	27.1	25.1	17.5	13.1
MAX	1.3	28	2,090	3,080	2,370	3,800	7,680	2,260	262	136	185	208
MIN	.30	1.2	6.4	17	56	92	83	18	3.0	1.3	1.6	.30
CFSM	.004	.03	1.00	2.55	2.47	4.88	7.26	1.04	.12	.14	.10	.07
IN.	.004	.04	1.15	2.94	2.66	5.62	8.10	1.20	.13	.16	.11	.08

CAL YR 1963: TOTAL 110,381.60 MEAN 302 MAX 7,680 MIN .30 CFSM 1.63 IN 22.19
 MAY 1964: TOTAL 110,381.60 MEAN 302 MAX 7,680 MIN .30 CFSM 1.63 IN 22.19

Note --No gage-height record Mar 3, 4

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9.6	4.8	74	114	67	1,350	304	25	2.6	.90	.90	2.0
2	5.8	4.0	57	85	92	2,660	220	22	4.4	2.3	.80	2.0
3	4.5	3.5	49	334	66	1,580	208	19	2.4	1.3	.70	1.1
4	906	3.5	55	177	53	383	224	16	2.1	1.1	.80	1.2
5	622	3.0	43	99	45	264	196	14	2.0	5.6	.80	1.4
6	49	3.5	34	72	48	269	158	14	2.4	7.3	81	.90
7	20	5.2	29	76	76	206	112	19	7.0	3.6	56	.60
8	13	7.9	26	54	240	161	506	11	4.2	3.4	37	.50
9	8.5	6.7	25	78	2,400	135	232	10	2.6	1.5	144	.50
10	6.7	4.5	24	538	3,400	108	166	9.0	20	.60	4.5	.70
11	5.5	4.0	998	252	8,120	94	135	11	15	.40	1.4	265
12	4.8	4.5	1,750	125	6,640	1,720	108	21	30	.40	.80	198
13	4.5	6.4	770	85	2,380	2,020	79	12	15	.30	.80	43
14	5.2	5.2	176	64	542	470	67	9.0	10	.40	.80	16
15	14	4.8	114	53	253	324	75	7.5	20	.50	.50	6.5
16	7.3	5.2	84	57	206	285	79	7.5	10	.60	.40	28
17	5.0	5.8	126	42	206	944	62	7.5	6.0	28	.40	3.8
18	3.8	6.7	662	42	179	848	56	7.5	4.0	11	.60	2.2
19	2.5	78	197	38	149	240	95	7.5	3.0	.60	.70	1.6
20	2.2	136	176	35	125	164	107	22	2.0	.40	17	1.3
21	2.3	45	164	31	107	129	70	7.5	1.5	.40	71	1.2
22	2.2	25	125	85	85	111	53	5.8	1.0	.40	3.8	1.6
23	2.2	19	104	970	79	108	44	5.4	1.1	.40	61	19
24	2.0	59	99	472	906	167	37	4.5	1.4	161	79	129
25	2.0	339	202	208	1,850	183	31	4.2	2.2	476	4.8	20
26	2.2	101	144	143	1,020	1,170	51	3.8	1.3	37	1.4	5.8
27	2.3	53	79	98	253	1,100	98	28	.80	74	37	3.0
28	213	1,260	51	71	191	375	48	18	.90	47	178	2.4
29	22	980	42	62	-----	926	35	8.5	.90	5.8	61	7.2
30	9.2	138	53	59	-----	1,770	29	4.8	1.0	1.6	10	4.8
31	6.7	-----	140	50	-----	1,180	-----	4.0	-----	1.0	3.0	-----
TOTAL	1,966.0	3,322.2	6,672	4,650	29,778	21,444	4,285	361.0	174.80	874.80	859.90	765.30
MEAN	63.4	111	215	150	1,064	692	135	11.6	5.93	28.2	27.6	23.8
MAX	906	1,260	1,750	970	8,120	2,660	2,020	712	30	476	178	265
MIN	2.0	3.0	24	31	45	94	29	3.8	.80	.30	.40	.50
CFSM	.34	.60	1.16	.81	5.75	3.74	.77	.06	.03	.15	.15	.14
IN.	.40	.67	1.34	.93	5.99	4.31	.86	.07	.04	.18	.17	.15

CAL YR 1964: TOTAL 116,428.70 MEAN 318 MAX 7,680 MIN .30 CFSM 1.72 IN 23.41
 MAY 1965: TOTAL 116,428.70 MEAN 318 MAX 7,680 MIN .30 CFSM 1.72 IN 23.41

2-4405 Chuquatonchee Creek near West Point, Miss

Location --Lat 33°36'25", long 88°42'30", on line between secs 7 and 18, T 17 S, R 6 E, Chickasaw meridian, near left bank on downstream side of bridge on State Highway 50 (formerly State Highway 10), 3 miles west of West Point and 3½ miles upstream from mouth

Drainage area --514 sq mi

Records available --October 1943 to September 1965 Monthly discharge only October 1946 to September 1947, published in WSP 1304 Prior to October 1950, published as Sakatonchee River near West Point

Gage --Water-stage recorder Datum of gage is 170 10 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) Prior to July 7, 1944, chain gage and July 7, 1944, to Aug 2, 1949, wire-weight gage at present site and datum

Average discharge --22 years, 775 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (12,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	0400	* 43,300	a22 01	Jan 28, 1962	2000	18,000	18 62	Apr 7, 1964	2100	* 13,700	18 21
Apr 1, 1961	1300	14,300	18 35	Feb 25, 1962	1100	12,900	17 44	Apr 14, 1964	1400	* 15,100	18 55
Dec 13, 1961	2200	15,900	18 74	Apr 13, 1962	0900	21,200	19 27	Feb 12, 1965	1400	* 21,100	20 18
Dec 18, 1961	1800	* 34,500	a21 21	July 16, 1963	1600	* 12,900	17 99				

a From Floodmark

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 29, 1961	0 60	a 0 09	1964	Oct 13, 1963	0 60	0 11
1962	Sept 25, 1962	20	01	1965	July 4, 1965	1 9	d- 01
1963	Oct 2, 3, 1962	b 20	c 01				

a Occurred Oct 30, 1960

b Minimum daily

c Occurred Oct 24, 1962

d Occurred July 16, 1965

1943-65 Maximum discharge, 45,800 cfs Mar 29, 1951 (gage height, 23 55 ft), no flow at times

Remarks --Records fair Occasional slight regulation at low water, the result of releases from Davis Lake

Cooperation --Gage-height record and 50 discharge measurements furnished by Corps of Engineers

Revisions (water years) --WSP 1504 1944(M)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	11	86	31	1,480	80	1,180	13,700	196	28	13	73	4.4
2	50	31	25	1,810	81	1,330	10,300	378	26	11	94	3.0
3	56	20	23	2,510	195	802	5,400	339	24	46	46	1.7
4	54	18	21	2,280	241	440	2,700	210	20	24	31	5.8
5	56	14	20	726	167	346	1,290	141	19	17	20	34
6	58	12	20	258	128	354	748	113	21	12	14	16
7	45	12	25	183	266	664	478	339	25	393	12	14
8	48	11	25	145	961	1,610	362	360	56	263	12	13
9	107	11	26	119	1,080	2,360	776	375	72	256	11	15
10	60	104	25	99	583	2,900	1,460	356	45	97	21	21
11	32	166	91	84	309	1,860	1,890	193	32	72	17	17
12	24	77	267	77	206	617	2,080	133	28	393	12	14
13	18	56	170	74	169	1,250	2,540	102	54	599	9.3	14
14	14	37	101	83	138	2,060	3,580	84	67	914	7.2	13
15	12	32	69	117	120	2,530	3,470	165	40	790	6.5	15
16	13	31	64	149	108	1,790	1,660	859	30	1,040	62	21
17	9.2	25	55	125	107	650	602	1,190	24	775	58	13
18	6.4	42	46	105	794	1,540	369	668	20	491	26	7.2
19	5.0	26	40	196	1,820	2,350	288	260	20	204	16	6.5
20	30	19	42	741	3,730	3,370	247	139	91	76	13	4.8
21	35	18	277	611	15,800	2,850	217	95	785	46	8.6	5.1
22	19	19	239	363	35,700	2,500	195	79	580	34	7.2	4.4
23	16	236	159	218	16,400	3,110	175	68	198	23	6.5	3.7
24	13	374	101	164	8,220	2,040	160	60	72	137	6.5	3.0
25	11	207	78	126	4,320	706	148	58	44	537	11	3.7
26	8.5	115	63	111	2,440	374	201	56	30	666	25	3.7
27	6.4	67	56	131	1,410	314	644	49	24	298	14	3.0
28	5.0	48	47	116	874	1,820	1,070	46	19	115	10	1.2
29	5.0	40	50	93	-----	3,350	745	40	16	64	6.5	1.2
30	5.0	34	432	84	-----	5,970	319	38	14	40	2.3	1.2
31	65	-----	829	80	-----	12,500	-----	32	-----	27	5.1	-----
TOTAL	897.5	1,988	3,517	13,458	96,447	65,537	57,814	7,221	2,524	8,473	663.7	284.6
MEAN	29.0	66.3	113	434	3,445	2,114	1,927	233	84.1	273	21.4	9.49
MAX	107	374	829	2,510	35,700	12,500	13,700	1,190	785	1,040	94	34
MIN	5.0	11	20	74	80	314	148	32	14	11	2.3	1.2
CFSM	.06	.13	.22	.84	6.70	4.11	3.75	.45	.16	.53	.04	.02
IN.	.06	.14	.25	.97	6.98	4.74	4.18	.52	.18	.61	.05	.02

CAL YR 1960: TOTAL 215,612.2 MEAN 589 MAX 15,800 MIN 1.6 CFSM 1.15 IN 12.60
 WAT YR 1961: TOTAL 258,824.8 MEAN 709 MAX 35,700 MIN 1.2 CFSM 1.38 IN 18.73

2-4405 Chuquatonchee Creek near West Point, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.2	5.1	217	1,180	1,550	5,420	1,310	775	1,430	618	18	5.8
2	30	6.5	192	1,560	484	5,870	951	528	1,910	142	46	3.7
3	54	13	176	1,510	525	3,940	409	407	1,200	82	34	4.4
4	61	36	162	757	457	1,750	266	288	632	53	76	9.3
5	59	48	186	1,300	418	706	249	210	872	42	39	7.9
6	36	43	518	2,850	397	496	1,850	162	1,490	43	26	5.1
7	26	49	584	6,830	370	405	2,780	134	1,210	199	21	3.7
8	20	46	451	9,500	363	356	3,060	115	335	167	16	3.0
9	16	33	461	5,290	385	946	1,270	100	302	78	11	1.7
10	12	21	2,140	2,500	385	2,130	720	88	130	44	8.6	1.2
11	11	15	3,510	1,000	348	4,260	980	79	125	30	6.5	1.2
12	9.3	17	9,690	500	320	4,690	5,430	72	147	26	6.5	4.0
13	8.6	740	15,000	400	306	4,150	19,000	64	480	26	5.1	3.0
14	5.8	2,440	14,200	300	294	2,280	12,000	59	371	30	4.4	5.1
15	4.4	3,070	9,980	2,340	273	733	5,480	54	310	30	4.4	3.7
16	3.7	3,790	6,820	3,400	328	409	1,980	47	164	24	4.4	3.0
17	3.0	4,000	12,100	4,440	355	326	613	42	97	18	4.4	5.1
18	2.3	3,480	27,500	3,920	350	279	376	38	68	14	3.7	13
19	3.7	1,860	24,800	2,330	1,040	254	315	38	52	11	3.0	6.5
20	3.0	533	13,200	1,860	1,200	242	278	34	76	9.3	3.7	1.2
21	3.0	224	6,960	1,580	1,300	328	247	27	56	9.3	5.1	4.0
22	1.2	208	3,230	1,550	2,260	414	222	24	43	8.6	3.7	5.0
23	1.2	2,080	1,270	1,930	3,410	334	204	22	32	7.2	5.8	4.0
24	1.2	2,850	623	3,220	6,410	275	298	19	27	6.5	11	4.0
25	7.2	4,030	449	4,350	12,200	623	316	19	44	10	12	3.0
26	13	4,740	367	5,070	8,080	1,450	295	19	487	38	9.3	4.0
27	5.8	3,400	374	8,580	3,670	1,530	244	18	440	46	8.6	4.0
28	4.4	1,340	616	14,500	3,700	733	286	16	170	27	9.3	5.0
29	3.7	436	543	14,500	-----	358	627	16	317	32	10	6.5
30	1.7	269	424	8,320	-----	274	1,000	228	766	42	7.9	2.3
31	2.3	-----	457	3,760	-----	735	-----	868	-----	23	7.2	-----
TOTAL	414.7	39,860.6	157,200	121,107	51,378	46,698	63,056	4,610	13,783	1,935.9	431.6	100.50
MEAN	13.4	1,329	5,071	3,907	1,835	1,506	2,102	149	459	62.4	13.9	3.35
MAX	61	4,740	27,500	14,500	12,200	5,870	19,000	868	1,910	618	76	13
MIN	1.2	5.1	162	300	273	242	204	16	27	6.5	3.0	3.0
CFSM	.03	2.58	9.87	7.60	3.57	2.93	4.09	.29	.89	.12	.03	.007
IN.	.03	2.88	11.4	8.76	3.72	3.38	4.56	.33	1.00	.14	.03	.007

CAL YR 1961: TOTAL 449,897.6 MEAN 1,333 MAX 35,700 MIN 1.2 CFSM 2.69 IN 32.22
 MAY YR 1962: TOTAL 500,575.30 MEAN 1,571 MAX 27,500 MIN .30 CFSM 2.67 IN 32.22

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.2	3.8	6.2	30	389	71	116	3,860	133	141	576	184
2	1.3	3.0	6.9	26	227	234	99	5,770	83	104	310	91
3	2.0	2.2	6.2	20	390	249	89	4,150	55	733	147	51
4	2.0	3.0	5.4	17	343	185	80	1,750	42	1,010	90	32
5	1.3	3.8	6.9	16	199	422	70	383	32	519	58	57
6	1.3	2.2	7.6	16	137	1,680	77	224	28	268	49	100
7	4.0	4.6	8.3	15	98	2,290	236	177	24	105	118	45
8	3.0	4.6	10	15	79	3,700	245	121	17	81	84	24
9	1.3	4.6	7.6	14	60	3,480	191	93	15	129	54	14
10	.60	4.6	6.2	14	54	1,210	143	71	14	153	40	12
11	.40	6.2	5.4	13	52	375	112	58	12	89	31	9.7
12	.40	12	5.4	15	212	1,690	90	50	9.7	49	30	12
13	.40	11	4.6	17	196	3,500	72	46	6.9	32	97	11
14	.90	7.6	3.0	18	141	8,220	59	42	6.2	2,340	121	9.7
15	1.3	7.6	1.3	14	93	6,880	49	38	12	5,320	189	9.7
16	.90	5.4	2.2	10	66	3,040	45	34	17	11,700	115	9.7
17	.40	5.4	5.4	12	52	1,770	43	28	18	12,100	64	11
18	3.0	8.3	10	15	52	1,420	40	23	9.0	6,830	42	14
19	11	38	9.7	21	390	686	38	18	4.6	4,350	28	15
20	5.4	24	8.3	46	753	502	34	17	1,040	3,020	21	12
21	2.2	16	9.7	42	469	314	34	16	1,250	1,840	64	9.7
22	.90	15	10	32	282	220	32	15	1,620	1,780	195	9.0
23	.40	10	28	51	174	180	30	14	1,850	1,400	128	7.6
24	.90	9.0	18	154	137	156	24	12	728	338	68	7.6
25	3.0	6.2	17	76	126	147	23	20	487	157	43	6.9
26	1.3	5.4	34	60	104	393	106	80	240	120	32	6.9
27	.60	6.9	37	50	82	564	107	1,320	126	99	36	6.9
28	.40	7.0	24	40	66	492	196	1,690	99	112	41	6.9
29	.40	7.6	34	46	-----	251	1,020	1,850	126	149	67	6.2
30	.40	6.9	56	282	-----	174	1,840	871	102	99	223	6.2
31	.60	-----	38	697	-----	138	-----	254	-----	451	225	-----
TOTAL	51.20	251.9	432.3	1,894	5,419	44,633	5,340	23,095	8,206.4	55,618	3,384	797.7
MEAN	1.65	8.04	13.9	61.1	194	1,440	178	745	274	1,794	109	26.6
MAX	11	38	56	697	753	8,220	1,840	7,770	1,850	12,100	576	184
MIN	.20	2.2	1.3	10	52	71	23	12	4.6	32	21	6.2
CFSM	.003	.02	.03	.12	.38	2.80	.35	1.45	.53	3.69	.21	.05
IN.	.004	.02	.03	.14	.39	3.23	.39	1.67	.59	4.02	.24	.06

CAL YR 1962: TOTAL 303,835.40 MEAN 832 MAX 19,000 MIN .20 CFSM 1.62 IN 21.98
 MAY YR 1963: TOTAL 149,122.50 MEAN 809 MAX 12,100 MIN .20 CFSM .79 IN 10.79

2-4405 Chuquatanchoe Creek near West Point, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.6	5.4	34	82	267	915	242	1,340	94	55	61	17
2	3.8	3.8	24	97	252	1,870	220	1,710	220	109	137	17
3	3.8	2.2	22	182	212	3,570	210	3,380	199	261	62	16
4	3.0	6.2	22	334	178	5,980	361	4,160	101	198	34	14
5	3.0	12	23	209	178	7,670	1,230	3,500	65	91	24	12
6	3.0	30	18	380	659	4,260	4,330	1,140	50	60	20	12
7	3.0	33	18	1,190	1,120	2,640	10,600	366	42	41	19	11
8	3.0	19	20	1,030	997	2,550	10,600	252	38	49	14	10
9	3.0	14	28	2,360	502	2,910	5,840	205	34	34	13	9.7
10	3.0	12	34	3,150	300	3,990	3,380	193	28	36	12	8.3
11	1.3	7.6	1,150	3,840	226	3,840	1,220	195	24	24	17	7.6
12	.90	5.4	3,600	3,600	183	3,120	1,450	174	21	169	18	6.9
13	.90	3.8	3,800	2,150	355	1,430	6,760	194	18	182	18	3.8
14	1.3	3.8	4,530	1,060	1,120	986	14,100	189	14	91	18	7.2
15	5.4	3.8	3,660	530	1,770	3,410	11,000	145	14	54	16	1.3
16	5.4	9.0	1,350	318	3,100	5,290	5,640	117	12	42	421	1.3
17	4.6	10	343	240	4,320	8,920	2,450	101	11	41	611	2.2
18	3.8	10	193	206	5,540	5,320	743	91	9.7	42	402	5.4
19	3.8	10	148	189	4,050	2,070	410	81	9.7	32	148	6.2
20	35	10	120	194	2,890	815	332	75	8.3	21	64	4.6
21	49	13	99	240	1,420	607	284	74	6.2	14	42	3.8
22	49	17	89	195	580	505	273	66	4.6	27	28	3.0
23	48	23	135	170	378	410	542	61	4.6	224	24	3.0
24	48	46	100	1,010	304	338	2,960	58	7.6	84	24	2.2
25	44	27	131	2,530	344	334	3,890	68	5.4	36	22	1.3
26	43	24	186	3,460	449	825	6,150	70	5.4	38	24	.90
27	38	18	244	5,170	397	1,410	9,220	64	3.8	29	22	.90
28	36	31	236	3,800	492	1,780	9,260	58	3.0	30	21	90
29	34	88	183	1,310	942	776	4,380	97	3.0	17	18	604
30	17	46	136	412	-----	368	3,710	156	8.3	25	17	530
31	6.2	-----	105	272	-----	279	-----	95	-----	94	17	-----
TOTAL	507.80	544.0	20,341	39,910	33,525	79,188	121,787	18,475	1,066.6	2,253	2,388	1,407.60
MEAN	16.4	18.1	656	1,287	1,156	2,554	4,060	596	35.5	72.7	77.0	46.9
MAX	49	88	4,530	5,170	5,540	8,920	14,100	4,160	220	261	611	604
MIN	.90	2.2	18	82	178	274	210	58	3.0	14	12	.90
CFSM	-.03	-.04	1.20	2.50	2.25	4.97	7.90	1.16	.07	.14	.15	.09
IN.	.04	.04	1.47	2.89	2.43	5.73	8.81	1.34	.08	.16	.17	.10
CAL YR 1963: TOTAL	169,779.90	MEAN 465	MAX 12,100	MIN .90	CFSM 1.91	IN 12.28						
WAT YR 1964: TOTAL	321,391.00	MEAN 878	MAX 14,100	MIN .90	CFSM 1.91	IN 12.28						

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	214	20	1,730	312	125	1,140	3,470	82	10	2.2	12	45
2	84	16	637	255	169	2,170	2,290	73	8.2	2.1	4.6	28
3	47	13	244	488	123	3,680	876	64	6.1	2.0	3.4	18
4	374	11	433	562	151	4,700	582	59	4.6	100	3.0	8.9
5	1,800	9.7	357	382	134	2,970	510	54	4.6	200	2.6	6.1
6	2,110	9.7	181	304	129	1,280	444	49	4.2	300	2.4	5.0
7	1,410	13	122	234	167	712	1,610	44	8.9	200	15	3.9
8	458	18	97	182	123	521	2,900	61	6.1	300	190	3.2
9	115	15	84	169	156	415	2,490	38	7.5	100	227	3.2
10	63	15	78	896	3,460	335	1,160	34	6.1	30	275	3.2
11	42	12	1,030	1,270	10,600	291	569	31	26	20	107	67
12	30	9.7	2,550	854	19,600	1,410	1,080	52	23	15	35	657
13	19	9.7	3,040	519	15,600	2,300	563	97	46	10	14	557
14	14	10	3,250	308	8,720	3,250	262	41	42	4.2	8.9	281
15	14	9.0	1,990	222	4,340	2,690	224	31	22	3.2	4.2	110
16	14	10	640	184	1,780	1,400	201	26	32	2.6	2.8	58
17	15	10	339	153	803	1,190	179	21	23	2.4	2.6	32
18	15	9.7	1,040	121	591	2,000	154	26	14	4.6	2.1	14
19	13	10	1,020	117	447	2,390	159	22	10	38	3.9	6.8
20	11	175	820	110	362	1,480	228	36	6.1	12	50	7.5
21	9.0	142	654	107	304	560	208	65	3.9	3.6	43	22
22	7.6	95	472	106	261	349	161	62	3.2	3.0	12	12
23	9.7	69	380	770	223	303	130	41	3.0	2.2	32	346
24	8.3	62	323	1,420	322	383	113	29	3.4	2.6	39	322
25	7.6	331	491	1,430	1,330	429	101	19	3.0	164	72	200
26	8.3	400	483	940	2,300	1,870	94	12	3.0	308	44	105
27	13	248	352	460	3,280	2,840	137	10	2.8	259	23	54
28	14	1,150	259	274	2,020	3,070	171	52	2.4	111	212	31
29	157	1,790	192	202	-----	3,070	125	61	2.3	85	352	19
30	65	1,960	173	164	-----	2,920	98	40	2.2	54	190	167
31	30	-----	253	141	-----	3,300	-----	18	-----	28	81	-----
TOTAL	7,191.5	6,650.5	23,714	13,666	79,181	55,418	21,331	1,330	340.3	2,368.7	2,065.5	3,192.8
MEAN	232	222	765	441	2,628	1,788	711	42.9	11.3	76.4	66.6	106
MAX	2,110	1,960	3,250	1,430	19,600	4,700	3,470	97	46	308	352	657
MIN	7.6	9.0	78	106	125	291	94	10	2.2	2.0	2.1	3.2
CFSM	.45	.43	1.49	.86	5.50	3.48	1.38	.08	.02	.15	.13	.21
IN.	.52	.48	1.72	.99	5.73	4.01	1.54	.10	.02	.17	.15	.23
CAL YR 1964: TOTAL	337,254.20	MEAN 922	MAX 14,100	MIN 2.80	CFSM 1.73	IN 13.22						
WAT YR 1965: TOTAL	216,449.3	MEAN 593	MAX 14,600	MIN 2.80	CFSM 1.73	IN 13.22						

Note --No gage-height record July 4-12

2-4410 Tibbee Creek near Tibbee, Miss

Location --Lat 33°32'17", long 88°38'00", in SW $\frac{1}{4}$ sec 4, T 19 N, R 16 E, Choctaw meridian, on right bank 10 ft downstream from bridge on old State Highway 25, 560 ft upstream from Gulf, Mobile and Ohio Railroad bridge, 0.7 mile north of Tibbee, 4 $\frac{1}{2}$ miles upstream from Magee Creek, 5 miles south of West Point, and 9 $\frac{1}{2}$ miles upstream from Cataulpa Creek

Drainage area --928 sq mi

Records available --August 1928 to September 1930, October 1939 to September 1965. Monthly discharge only for September 1930 and October 1939, published in WSP 1304. Prior to October 1950, published as Tibbee River near Tibbee

Gage --Digital water-stage recorder. Datum of gage is 154.07 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers). Aug 7, 1928, to Aug 31, 1930, chain gage at site 560 ft downstream at present datum. Nov 5 to Dec 6, 1939, wire-weight gage and Dec 7, 1939, to May 5, 1965, graphic water-stage recorder at present site and datum

Average discharge --28 years, 1,247 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (10,000 cfs), water years 1961-65							
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	1700	* 46,800	29.06	Feb 25, 1962	2400	15,600	24.42
Apr 1, 1961	1300	31,700	26.96	Mar 2, 1962	1000	12,500	23.70
				Mar 12, 1962	1500	12,400	23.72
				Apr 14, 1962	0200	27,700	26.58
Nov 16, 1961	0800	10,300	23.11	Jul 17, 1963	0400	* 22,100	26.07
Dec 13, 1961	-	31,500	a26.93	Mar 5, 1964	1100	12,000	24.00
Dec 18, 1961	1600	* 50,400	29.51				
Jan 8, 1962	2200	13,500	24.00				
Jan 29, 1962	-	26,900	a26.27				
				Feb 12, 1965	2300	* 40,000	28.47
				Apr 9, 1965	0900	12,500	24.12

a Computed from once-daily wire-weight readings

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 27-30, 1961	1.4	a 1.00	1964	Oct 17, 1963	0.60	0.95
1962	Many days	20	b 90	1965	July 2-4, 1965	2.2	1.05
1963	Oct 19, 20, 1962	20	c 93				

a Occurred Sept 23-25, 1961

b Occurred Sept 29-30, 1962

c Occurred Oct 20, 1962

1928-30, 1939-65. Maximum discharge, 75,200 cfs Mar 29, 1951 (gage height, 30.82 ft), no flow at times

Maximum stage known, 31.5 ft in December 1926, from information by local residents

Remarks --Records fair

Revisions (water years) --WSP 1504 1929-80

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8.0	85	36	1,470	111	1,900	30,700	360	40	26	46	4.6
2	18	58	30	1,780	107	1,730	24,600	527	37	24	174	3.3
3	57	25	25	2,080	172	1,280	14,600	598	33	36	64	2.4
4	58	20	24	2,260	324	671	8,270	381	30	63	56	1.8
5	58	16	22	1,490	236	537	4,730	239	27	38	36	13
6	60	13	21	398	178	511	2,330	197	45	38	24	32
7	68	12	22	251	210	796	880	359	51	158	20	24
8	36	11	25	190	926	3,100	533	553	51	856	18	16
9	131	12	26	154	1,190	4,000	1,050	439	89	801	18	14
10	114	27	40	131	880	4,340	2,150	525	70	541	17	16
11	60	200	74	118	468	3,640	2,820	323	49	168	29	20
12	31	97	260	107	305	1,730	3,330	204	39	559	23	15
13	21	73	230	99	240	1,320	4,220	154	51	1,220	16	13
14	16	50	140	107	193	2,920	5,160	122	79	1,670	10	10
15	12	32	97	171	165	4,010	5,260	110	68	2,490	8.0	8.4
16	10	26	77	177	151	3,890	3,870	653	47	2,850	8.1	12
17	11	27	71	163	143	2,110	1,570	1,040	38	2,400	120	16
18	7.7	36	56	136	772	1,880	625	900	30	1,930	37	10
19	6.3	31	46	148	2,160	3,950	456	379	27	954	24	5.6
20	5.8	25	41	752	4,850	5,370	379	188	192	282	16	3.3
21	40	20	178	878	13,100	5,290	325	125	1,130	150	11	2.5
22	24	20	318	567	41,700	4,200	283	99	1,670	101	6.8	1.9
23	17	134	204	331	37,200	3,790	254	85	814	67	6.0	1.6
24	14	468	130	236	23,500	3,600	229	75	194	110	4.9	1.6
25	11	271	95	182	13,600	1,880	208	71	104	645	4.1	1.6
26	9.2	160	77	177	7,850	628	208	66	114	911	12	1.6
27	7.5	88	64	231	4,630	477	755	62	83	546	16	1.4
28	7.0	60	57	194	2,820	1,940	1,660	61	51	218	9.6	1.4
29	6.3	49	53	149	-----	5,490	1,970	56	37	118	6.0	1.4
30	5.8	39	283	128	-----	10,300	899	50	31	81	5.6	1.4
31	6.8	-----	835	117	-----	19,400	-----	46	-----	58	5.2	-----
TOTAL	937.4	2,185	3,657	15,392	158,381	108,680	124,324	9,047	5,221	20,119	881.3	258.8
MEAN	30.2	72.8	118	497	5,658	3,441	4,144	292	177	649	27.5	8.58
MAX	131	468	835	2,260	41,700	19,400	30,700	1,040	1,670	2,850	174	32
MIN	5.8	11	21	99	107	477	208	46	27	24	4.1	1.4
CFSM	.03	.08	.13	.54	6.10	3.71	4.47	.31	.19	.70	.03	.009
LN	-.04	-.09	.15	.62	6.35	4.28	4.98	-.36	-.21	-.01	-.03	.01
CAL YR 1960: TOTAL	442,180.3	MEAN	1,125	MAX	28,500	MIN	1.1	CFSM	1.32	IN	17.02	
WAT YR 1961: TOTAL	442,151.3	MEAN	1,125	MAX	41,700	MIN	1.1	CFSM	1.32	IN	17.02	

MOBILE RIVER BASIN

505

2-4410 Tibbee Creek near Tibbee, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.7	.7	330	1,310	3,680	8,100	2,490	1,230	1,230	852	66	1.5
2	2.9	.7	280	2,080	1,000	11,900	2,410	845	1,480	302	57	1.2
3	52	6.7	250	2,230	643	9,010	1,010	658	1,540	106	63	1.1
4	44	28	225	1,560	587	5,240	513	467	983	74	66	1.0
5	75	66	236	1,640	567	2,320	475	320	898	57	78	1.1
6	51	57	821	3,830	547	914	2,480	237	1,210	50	40	2.3
7	35	88	1,440	6,870	499	595	5,320	191	1,380	149	27	2.3
8	45	68	1,320	11,900	473	498	6,610	158	731	274	19	1.3
9	303	52	1,090	11,900	507	1,130	4,610	136	385	162	12	1.1
10	86	36	2,960	7,110	545	3,090	1,980	118	194	79	6.9	1.0
11	30	26	6,070	3,310	494	6,660	1,120	107	118	48	3.1	.60
12	17	20	17,400	1,060	436	11,700	3,070	97	150	33	1.5	.40
13	8.7	961	29,600	680	405	9,750	15,800	89	443	27	1.1	.40
14	4.4	4,100	29,100	760	384	6,110	24,200	80	551	27	.70	.30
15	2.5	8,370	20,500	2,330	385	2,970	12,600	74	409	33	.60	.40
16	1.5	10,200	15,600	4,920	689	863	5,210	66	243	30	.40	.60
17	1.0	8,910	32,800	6,700	702	581	1,960	61	124	22	.40	.80
18	.80	6,990	49,000	5,900	557	482	840	55	87	18	.30	.50
19	.60	5,170	43,800	5,050	1,380	430	615	53	69	14	.20	8.2
20	.80	2,490	30,100	3,870	2,110	400	509	49	79	11	.30	5.4
21	.90	488	17,500	2,970	1,890	490	394	49	105	7.3	.30	1.7
22	.80	326	8,740	1,850	3,580	757	331	41	63	5.7	.20	.90
23	.90	2,620	3,790	2,150	5,860	642	296	33	50	3.7	.20	.40
24	1.1	5,370	1,370	4,460	8,240	494	336	28	37	3.4	.30	.30
25	1.2	7,460	744	6,370	13,100	651	432	26	30	5.4	.70	.20
26	1.2	7,490	599	6,490	14,000	2,100	443	24	377	21	3.4	.20
27	9.2	6,350	555	10,800	8,800	2,950	374	22	602	93	1.9	.20
28	5.1	4,360	850	21,500	5,660	1,900	426	20	276	68	1.3	.20
29	1.2	1,570	800	27,300	750	1,010	17	254	42	1.1	.1	.20
30	1.1	446	697	21,000	-----	507	1,620	76	730	119	2.1	.20
31	1.0	-----	640	9,750	-----	1,370	-----	863	-----	121	1.9	-----
TOTAL	787.60	84,120.1	319,307	199,650	77,720	95,354	99,384	6,290	14,828	2,855.5	456.90	36.00
MEAN	25.4	2,804	10,300	6,440	2,776	3,076	3,313	203	494	92.1	14.7	1.20
MAX	303	10,200	49,000	27,300	14,000	11,900	24,200	1,230	1,540	852	78	8.2
MIN	.60	.70	225	680	384	400	296	17	30	3.4	.20	.20
CFSM	.03	3.02	11.1	6.94	2.99	3.31	3.57	.22	.53	.10	.02	.001
IN.	.03	3.37	12.8	8.00	3.11	3.82	3.98	.25	.59	.11	.02	.001

CAL YR 1961: TOTAL 844,586.80 MEAN 2,314

WAT YR 1962: TOTAL 900,789.10 MEAN 2,468

MAX 49,000

MAX 49,000

MIN .60

MIN .20

CFSM 2.49

CFSM 2.66

IN 33.85

IN 36.10

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.5	1.7	4.7	47	753	97	140	2,960	159	173	959	210
2	2.7	1.2	4.7	41	403	245	122	4,650	100	196	640	150
3	1.0	.90	4.7	33	412	442	110	5,470	67	475	266	80
4	.60	1.0	3.7	26	555	306	98	4,040	51	1,270	143	36
5	.40	1.2	4.7	22	354	363	90	1,380	40	1,030	188	70
6	.40	1.3	4.7	19	203	1,560	89	313	36	686	102	109
7	.50	2.3	5.1	18	143	2,360	210	335	32	225	129	79
8	1.1	2.7	6.1	17	110	3,100	345	174	26	171	142	40
9	1.9	2.7	6.9	16	86	3,980	270	124	21	86	275	26
10	1.9	2.7	5.7	16	74	3,030	189	92	18	345	61	20
11	1.3	2.5	5.1	16	69	942	148	73	16	187	48	16
12	1.0	2.1	4.7	18	156	1,040	122	62	13	94	39	14
13	.80	3.1	3.7	20	250	2,650	101	55	10	58	68	18
14	.60	4.7	3.1	41	192	5,460	83	50	8.8	2,350	125	22
15	.40	4.7	2.5	32	134	8,480	67	44	7.2	6,880	191	15
16	.40	6.9	1.9	22	94	7,110	59	39	6.4	19,300	163	14
17	.40	5.4	1.3	16	73	4,210	53	34	8.4	21,900	94	13
18	.30	5.7	2.3	16	67	2,310	49	29	30	18,600	60	17
19	.20	6.9	9.2	24	340	1,260	48	25	15	14,900	41	20
20	.30	51	9.6	43	983	747	45	22	629	9,470	30	18
21	5.1	31	7.8	69	881	627	41	20	1,360	6,070	25	15
22	4.7	18	8.7	56	490	394	39	18	1,630	4,070	160	12
23	2.5	16	12	54	264	264	38	16	2,060	2,770	168	8.4
24	1.7	12	28	147	186	206	33	14	1,900	1,060	97	6.0
25	1.1	8.2	22	154	175	178	30	14	749	297	60	4.6
26	.80	6.1	21	107	153	305	56	473	504	226	43	3.7
27	1.1	3.7	39	100	126	604	135	1,220	198	181	36	3.3
28	1.0	3.4	36	95	99	625	146	1,380	155	158	45	3.1
29	2.3	5.4	33	93	-----	369	908	1,450	161	535	54	2.5
30	1.7	5.4	50	217	-----	216	1,630	1,240	205	494	157	3.3
31	2.3	-----	62	977	-----	162	-----	422	-----	384	219	-----
TOTAL	43.00	219.90	413.6	2,572	7,825	53,642	5,494	26,238	10,215.8	114,830	4,642	1,048.9
MEAN	1.39	7.33	13.3	83.0	279	1,730	183	846	341	3,704	150	35.0
MAX	5.1	51	62	977	983	8,480	1,630	5,470	2,060	21,900	959	210
MIN	.20	.90	1.3	16	67	97	30	14	6.4	58	25	2.5
CFSM	.001	.008	.01	.09	.30	1.86	.20	.91	.37	3.99	.16	.04
IN.	.002	.009	.02	.10	.31	2.15	.22	1.05	.41	4.60	.19	.04

CAL YR 1962: TOTAL 497,250.90 MEAN 1,362

WAT YR 1963: TOTAL 227,184.20 MEAN 622

MAX 27,300

MAX 21,900

MIN .20

MIN .20

CFSM 1.47

CFSM 1.67

IN 19.93

IN 9.10

2-4410 Tibbee Creek near Tibbee, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8.8	5.2	67	138	452	1,240	364	4,980	104	250	80	14
2	8.8	3.9	41	165	438	1,930	323	3,310	456	250	400	12
3	7.2	2.4	32	410	372	4,980	296	5,900	712	600	204	9.6
4	6.0	1.8	29	557	305	9,580	447	7,730	292	700	100	7.6
5	5.6	3.9	27	416	286	11,800	1,260	6,780	120	600	50	4.9
6	5.2	9.2	33	469	801	9,330	5,420	4,180	85	180	35	4.1
7	4.6	35	27	1,250	1,440	6,030	15,400	1,100	67	80	30	3.1
8	3.3	24	25	1,710	1,530	5,130	19,400	423	56	97	70	2.7
9	3.1	16	24	2,600	905	6,000	12,800	318	49	100	16	2.6
10	2.5	13	35	4,630	546	6,650	7,760	274	40	71	15	2.5
11	2.0	10	912	5,780	398	7,280	4,520	271	35	74	18	2.4
12	2.0	4.9	3,460	5,350	314	6,130	2,520	247	30	206	20	1.6
13	3.8	3.7	5,510	4,180	382	4,140	6,380	277	26	606	20	1.4
14	1.8	2.5	6,570	3,190	1,300	1,950	20,100	279	23	564	20	1.4
15	1.0	1.6	6,200	2,100	1,850	4,670	21,300	214	21	223	22	1.3
16	.80	1.2	4,440	1,070	3,210	9,250	13,000	166	20	151	485	1.3
17	.70	17	1,480	688	4,800	12,000	7,300	134	18	134	1,510	1.2
18	1.3	18	376	528	6,390	10,300	3,940	114	16	134	1,490	2.0
19	1.3	18	264	410	6,920	6,430	1,930	103	15	96	616	8.0
20	7.0	18	196	351	5,860	3,520	630	94	12	58	164	7.2
21	55	18	164	402	4,090	1,930	460	88	9.0	41	92	4.3
22	57	19	147	347	1,680	1,350	394	83	7.0	29	59	3.3
23	57	28	290	295	676	842	621	77	7.0	207	44	2.9
24	57	42	286	1,220	536	566	2,120	80	80	143	38	2.5
25	53	58	279	3,810	570	494	5,910	79	30	56	33	2.0
26	48	37	345	5,770	872	820	11,400	115	15	46	25	2.0
27	46	31	429	6,600	830	1,270	16,200	116	10	43	23	2.0
28	39	38	448	6,430	770	1,620	19,800	100	5.5	36	18	279
29	39	307	423	4,320	1,150	1,290	14,300	103	5.4	33	16	951
30	32	159	318	1,350	-----	600	8,720	210	60	20	13	1,180
31	14	-----	184	496	-----	427	-----	148	-----	140	13	-----
TOTAL	573.80	946.3	33,061	67,032	49,673	139,549	225,615	38,093	2,425.9	5,968	5,889	2,519.8
MEAN	18.5	31.5	1,066	2,162	1,713	4,502	7,487	1,229	80.9	193	184	84.0
MAX	7.7	307	6,570	6,600	6,920	12,000	21,300	7,730	7.2	700	1,510	1,180
MIN	.70	1.2	24	38	286	427	296	77	5.4	20	13	1.2
CFSM	.02	.03	1.15	2.33	1.85	4.85	8.07	1.32	.09	.21	.20	.09
IN.	.02	.04	1.32	2.69	1.99	5.59	9.00	1.53	.10	.24	.23	.10
CAL YR 1963: TOTAL	261,088.80	MEAN	715	MAX	21,900	MIN	.70	CFSM	.77	IN	10.46	
WAT YR 1964: TOTAL	570,145.80	MEAN	1,558	MAX	21,300	MIN	.70	CFSM	1.68	IN	22.85	

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	744	38	2,810	580	225	2,190	7,570	121	23	2.8	33	74
2	264	32	1,670	486	241	3,230	5,560	105	19	2.6	20	45
3	113	27	486	660	279	6,290	3,050	88	16	2.4	12	33
4	273	22	1,030	901	257	7,360	1,190	80	14	6.5	6.5	23
5	1,460	20	1,150	652	228	6,310	916	73	12	19	4.6	16
6	2,420	18	586	506	210	3,820	756	67	11	648	3.4	12
7	3,290	18	341	398	254	1,450	2,270	60	15	374	7.4	9.6
8	2,200	21	233	329	429	842	6,720	54	64	708	190	7.4
9	404	24	184	320	2,570	660	11,100	49	30	142	730	5.3
10	146	34	157	1,210	6,100	546	6,450	46	20	47	1,050	4.6
11	94	31	1,210	1,740	14,600	464	2,800	46	21	32	678	6.2
12	68	20	3,640	1,990	34,000	1,310	1,850	41	24	23	168	880
13	54	18	5,660	1,120	36,100	3,680	3,090	109	71	16	128	1,060
14	41	22	6,010	592	23,000	5,470	2,320	59	102	12	121	596
15	38	19	4,910	423	11,900	5,310	800	41	63	8.0	68	197
16	33	15	2,420	349	4,820	3,500	476	35	67	6.2	35	94
17	33	16	638	295	2,420	1,590	374	33	64	8.0	20	60
18	37	18	1,220	239	1,470	2,500	297	31	35	47	14	36
19	33	20	1,830	216	946	3,900	277	32	26	46	10	24
20	26	79	1,750	201	730	3,620	450	54	18	38	33	17
21	24	196	1,470	191	564	1,520	448	74	13	16	73	20
22	19	113	1,020	187	472	612	318	107	8.0	12	36	24
23	14	91	760	954	402	494	232	119	6.5	7.4	33	856
24	14	81	622	2,250	394	652	184	47	5.6	6.2	60	985
25	13	277	842	2,710	1,420	808	157	33	5.3	96	206	374
26	14	600	882	2,070	2,780	2,110	139	27	5.0	534	145	202
27	13	446	660	926	3,900	4,960	145	24	4.6	546	71	101
28	20	1,130	476	512	3,860	6,680	223	27	4.2	250	121	60
29	93	2,380	354	374	-----	6,110	195	66	3.4	229	408	39
30	118	2,960	307	305	-----	7,150	146	56	3.0	119	356	390
31	51	-----	504	260	-----	9,180	-----	32	-----	58	140	-----
TOTAL	12,164	8,776	45,832	23,946	154,571	104,318	60,503	1,836	773.6	4,062.1	4,980.9	6,251.1
MEAN	392	276	1,478	772	4,984	3,365	2,017	59.2	23.8	131	161	196
MAX	3,290	2,960	6,010	2,710	36,100	9,180	11,100	121	102	708	1,050	1,060
MIN	13	15	157	187	210	464	139	24	3.0	2.4	3.4	4.6
CFSM	.42	.32	1.59	.83	5.95	3.63	2.17	.06	.03	.14	.17	.22
IN.	.49	.35	1.84	.96	6.19	4.18	2.42	.07	.03	.16	.20	.25
CAL YR 1964: TOTAL	602,336.7	MEAN	1,446	MAX	21,300	MIN	1.2	CFSM	1.27	IN	14.19	
WAT YR 1965: TOTAL	428,813.7	MEAN	1,173	MAX	58,100	MIN	.70	CFSM	1.68	IN	22.85	

MOBILE RIVER BASIN

507

2-4413 Catalpa Creek at Mayhew, Miss

Location --Lat 33°28'50", long 88°37'45", in SW $\frac{1}{4}$ sec 28, T 19 N, R 16 E, Choctaw meridian, near left bank on downstream side of bridge on U S Highway 82, 0.5 mile east of Mayhew, and 7 miles upstream from mouth

Drainage area --98.2 sq mi

Records available --Occasional low-flow measurements, water years, 1942-44, 1952-57, 1959-60 July 1963 to September 1965

Gage --Water stage recorder Datum of gage is 173.02 ft above mean sea level

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height, in feet)

Annual maximum discharge (*) and peak discharges above base (3,000 cfs), July 1963 to September 1965

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
July 17, 1963	0030	* 2,860	15 18	Mar 15, 1964	1300	5,200	17 25	Feb 9, 1965	1200	* 10,800	19 40
Jan 9, 1964	1530	3,090	15 52	Apr 6, 1964	1000	* 7,380	18 30	Apr 8, 1965	0300	4,100	16 60
Mar 3, 1964	0130	3,460	16 04	Apr 13, 1964	-	6,340	17 82				

a From Floodmark

Annual minimum discharge, July 1963 to September 1965

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1963	Sept 24, 1963	0 30	1 16	1965	Sept 8-9, 1965	0 40	b 0 93
1964	Oct 9, 1963	10	a 83				

a Occurred Sept 17, 1964

b Occurred Oct 28, 1964

Remarks --Records fair except those for period of no gage height record, which are poor

Cooperation --Gage-height record, 38 discharge measurements, and records of daily discharge furnished by Corps of Engineers, five discharge measurements made and records reviewed by Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, JULY TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1										-	15	.60
2										-	6.6	.60
3										-	5.0	.70
4										-	4.4	.50
5										-	4.2	.60
6										-	3.4	.90
7										-	2.6	1.0
8										-	2.0	.80
9										-	1.7	.70
10										† 7.5	1.4	.60
11										-	1.2	.50
12										-	1.1	.50
13										-	1.2	1.4
14										-	2.4	1.1
15										-	2.1	1.1
16										1,960	1.2	.80
17										1,320	1.0	.60
18										325	.90	.60
19										78	.90	.50
20										27	.80	.50
21										122	3.2	.50
22										22	1.4	.50
23										15	1.0	.40
24										15	1.0	.30
25									† 1 1	29	3.4	.40
26										40	6.2	.50
27										18	.90	.60
28										10	.90	1.0
29										7 9	.70	.80
30										6.6	.80	.60
31										16	.70	---
TOTAL										-	79.30	20.20
MEAN										-	2.56	.67
MAX										-	15	1.4
MIN										-	.70	.30
CFSM										-	.03	.007
IN.										-	.03	.008

† Result of discharge measurement

2-4413 Catalpa Creek at Mayhew, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.50	1.1	5.2	15	26	22	13	30	6.2	20	3.1	.60
2	.40	5.2	4.4	19	20	1,280	12	800	5.0	61	9.0	.60
3	.60	1.0	4.6	170	19	2,010	12	200	2.6	34	2.3	.60
4	.50	.60	4.2	212	18	1,020	147	70	2.3	8.6	1.3	.60
5	.40	.50	3.4	77	50	573	360	40	2.2	5.2	1.5	.60
6	.30	1.1	3.2	129	133	99	4,560	30	1.8	3.6	1.0	.60
7	.30	1.0	4.2	187	42	607	800	20	1.6	4.2	.80	.60
8	.20	.70	3.4	96	23	1,670	120	17	1.3	3.6	.70	.60
9	.20	.70	4.0	2,110	20	343	80	15	1.2	1.0	.70	.60
10	.20	.70	3.2	584	18	838	50	17	1.3	9.4	.60	.70
11	.20	.60	497	111	17	131	40	14	2.8	22	.70	.60
12	.20	.50	1,380	151	15	66	300	12	12	69	1.5	.30
13	.20	.40	161	87	201	42	3,800	13	2.6	20	1.2	.20
14	.20	.50	238	32	274	686	700	10	1.7	8.2	1.1	.20
15	.20	.80	73	27	166	4,170	100	9.1	.80	6.7	12	.20
16	.20	1.4	33	23	146	918	70	8.4	.60	40	216	.20
17	.20	.80	22	22	109	74	50	7.4	.90	15	2.6	.20
18	.20	.80	20	21	723	58	40	6.7	.80	6.6	6.8	.50
19	.20	.90	17	20	230	87	30	6.2	.70	4.2	3.8	.120
20	.30	1.1	16	20	86	161	25	5.2	.90	3.2	2.5	.50
21	.30	.90	14	16	46	53	20	5.0	.60	2.7	2.1	.20
22	.20	1.4	22	14	28	25	20	5.2	.40	2.5	1.6	.60
23	.20	7.4	291	14	22	21	50	4.8	5.5	2.4	1.6	.30
24	.30	6.6	67	979	20	20	200	5.0	44	5.4	1.3	1.0
25	.50	2.2	52	2,380	207	20	500	23	1.8	2.9	1.2	.50
26	.40	1.0	54	311	122	116	1,000	5.5	.40	1.9	1.0	.40
27	.40	.80	38	92	56	21	500	5.7	.40	1.6	1.2	.40
28	.40	4.8	20	55	60	18	100	22	.40	1.8	.70	.40
29	.30	121	16	30	33	15	60	15	.30	1.4	.80	.15
30	.30	8.6	12	25	-----	13	40	5.2	221	1.4	.70	.10
31	.40	-----	12	25	-----	13	-----	4.0	-----	1.2	.70	-----
TOTAL	9.40	175.10	3,096.8	8,054	2,869	15,225	13,799	1,431.4	324.10	379.7	305.50	324.30
MEAN	.30	5.84	99.9	260	98.9	491	460	46.2	10.8	12.2	9.85	10.8
MAX	.60	121	1,380	2,380	723	4,170	4,560	800	221	69	216	120
MIN	.40	1.0	3.2	15	13	13	12	4.0	.30	1.2	.60	.20
CFSM	.003	.06	1.02	2.65	1.01	5.00	4.68	.47	.11	.62	.10	.11
IN-	.004	.07	1.17	3.05	1.09	5.77	5.23	.54	.12	.14	.12	.12

CAL YR 1963: TOTAL 45,993.30 MEAN 126 MAX 4,560 MIN .20 CFSM 1.28 IN 17.42
 MAY YR 1964: TOTAL 45,993.30 MEAN 126 MAX 4,560 MIN .20 CFSM 1.28 IN 17.42

Note --No gage-height record April 7 to May 12

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5.0	.90	40	163	22	42	80	7.0	.60	.80	1.3	.80
2	3.0	.80	30	91	28	500	60	5.7	.50	.80	1.2	.70
3	2.0	.80	20	229	21	152	95	5.2	.60	.80	1.2	1.2
4	250	.80	100	76	20	96	150	5.0	.50	1.0	1.1	1.4
5	50	.80	50	51	20	72	76	4.5	.50	1.6	1.1	1.1
6	9.7	1.0	30	40	20	83	50	3.2	.50	31	1.0	1.0
7	5.5	1.1	30	64	30	64	13	1,670	3.2	13	220	.50
8	3.1	2.9	17	29	75	43	2,710	3.0	8.4	509	400	.40
9	2.0	2.2	15	51	4,700	35	219	3.0	1.4	59	100	.40
10	1.6	.80	14	843	3,000	32	98	2.8	1.0	13	50	.60
11	1.5	1.1	1,190	166	2,500	28	66	2.2	1.0	7.0	20	2.1
12	1.3	1.5	2,010	75	3,000	875	762	2.3	1.2	4.3	6.0	21
13	1.3	1.3	218	51	471	432	205	2.8	50	3.7	10	1.9
14	1.3	1.0	75	38	130	108	64	1.9	33	3.4	8.0	1.0
15	1.5	.90	42	30	85	72	46	2.0	2.6	3.6	4.0	.80
16	2.0	.80	30	29	70	56	49	1.9	64	6.2	2.0	.60
17	2.0	.80	49	22	679	134	27	1.7	5.4	2.2	1.4	.60
18	2.0	.80	530	24	231	114	22	1.4	2.8	2.0	1.2	.50
19	1.5	1.2	116	22	106	45	45	1.4	1.4	2.0	1.4	.50
20	1.0	10	215	20	72	30	40	7.3	1.2	1.9	1.0	.60
21	1.0	4.0	130	19	64	24	22	2.2	1.0	1.8	4.0	.50
22	.90	2.0	77	19	50	23	17	1.6	.90	1.8	3.0	.50
23	.80	1.0	62	828	43	22	15	1.3	.90	1.8	2.0	313
24	.80	100	49	588	87	200	12	1.2	.90	15	1.6	182
25	.70	300	79	116	139	250	12	1.0	.90	96	1.5	21
26	.70	50	46	70	60	1,400	11	1.0	.90	10	1.4	8.2
27	.70	20	26	43	50	300	12	1.2	.90	22	1.2	4.9
28	.80	500	21	33	46	100	11	1.7	.80	2.2	1.2	3.3
29	.80	200	19	28	-----	400	8.4	1.2	.80	1.7	1.0	2.9
30	1.0	80	176	26	-----	1,590	7.6	.90	.80	1.5	1.2	363
31	1.0	-----	793	22	-----	223	-----	.80	-----	1.4	.90	-----
TOTAL	356.50	1,288.50	6,249	3,875	15,853	7,536	6,622.0	81.60	198.40	1,028.50	680.90	937.00
MEAN	11.5	43.0	202	125	566	243	221	2.63	6.61	33.2	22.0	31.2
MAX	250	500	2,010	843	4,700	1,590	2,710	7.3	64	509	400	363
MIN	.70	.80	14	19	20	22	7.6	.80	.50	.80	.40	.40
CFSM	.12	.44	2.05	1.23	5.77	2.48	2.25	.03	.07	.34	.22	.32
IN-	.14	.49	2.37	1.47	6.00	2.85	2.51	.03	.08	.39	.76	.35

CAL YR 1964: TOTAL 50,606.00 MEAN 138 MAX 4,560 MIN .20 CFSM 1.33 IN 19.17
 MAY YR 1965: TOTAL 44,706.40 MEAN 122 MAX 4,700 MIN .40 CFSM 1.25 IN 16.95

Note --No gage-height record Feb 9-12

2-4415 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, on left bank at 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 Luxapallia Creek, and 6 7 miles downstream from Tibbee Creek

Drainage area --4,490 sq mi, approximately

Records available --October 1899 to December 1912, August 1928 to September 1965 Monthly discharge only for some periods, published in WSP 1304 Gage-height records collected in this vicinity since 1890 are contained in reports of U S Weather Bureau

Gage --Water-stage recorder Datum of gage is 128 91 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 Prior to Nov 7, 1934, staff, chain, or wire-weight gage at various sites within a quarter of a mile of present site, at datum 4 00 ft higher prior to Mar 13, 1934, and at present datum thereafter Since Mar 3, 1941, auxiliary staff or wire-weight gage read twice daily 3 7 miles upstream from base gage

Average discharge --50 years, 6,233 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 24, 1961	70,500	35 14	Aug 15, 1961	402	-
1962	Dec 20, 1961	127,000	38 43	Oct 2, 1961	418	1 08
1963	Mar 17, 1963	31,000	a 23 97	Sept 28, 1963	414	1 19
1964	Apr 16, 1964	51,900	31 56	Oct 21, 1963	337	97
1965	Feb 14, 1965	62,900	b 33 59	Aug 6, 1965	493	1 40

a Occurred July 19, 1963

b Occurred Feb 15, 1965

1899-1912, 1928-65 Maximum discharge, 148,000 cfs Jan 7, 1949 (gage height, 39 32 ft), minimum, 138 cfs Sept 20, 1954, minimum gage height observed, -0 1 ft Oct 9-12, 1911, present datum

Flood of Apr 8, 1892, reached an elevation of 173 0 ft above mean sea level, datum of 1929, supplementary adjustment of 1941, at site 1,100 ft upstream (corresponding stage at gage, about 44 ft)

Remarks --Records good

Revisions (water years) --WSP 662 Drainage area WSP 727 1928-29 WSP 802 1929 (M)
WSP 1504 1900-1903, 1950

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,360	3,540	2,350	9,770	2,120	31,200	37,200	3,930	1,480	1,140	758	946
2	1,160	3,320	2,200	10,800	2,110	25,800	49,000	4,010	1,390	1,050	746	982
3	1,010	2,990	2,040	11,800	2,390	21,200	40,000	4,240	1,270	1,050	690	1,080
4	856	2,800	1,880	12,400	3,340	17,000	40,000	3,770	1,160	1,110	605	1,230
5	751	2,410	1,770	12,300	3,310	13,000	41,200	3,160	1,100	1,050	605	1,630
6	862	2,150	1,690	10,200	3,070	10,000	33,000	2,840	1,090	976	580	1,430
7	1,310	1,930	1,630	8,860	2,780	9,830	26,700	3,320	1,920	1,540	532	1,340
8	1,090	1,620	1,580	7,230	4,370	17,900	20,700	4,590	2,180	2,310	532	1,530
9	3,030	1,380	1,570	5,230	7,700	18,600	18,600	4,800	2,370	2,570	1,260	1,380
10	3,750	1,530	1,570	4,060	7,100	17,400	14,900	5,750	2,120	2,070	715	1,230
11	2,840	3,870	1,560	3,410	5,460	18,200	13,100	4,910	1,910	1,430	741	1,070
12	2,300	3,580	2,340	2,910	4,550	18,300	14,000	4,460	1,980	2,980	645	922
13	1,980	3,250	3,040	2,580	4,090	19,100	15,300	3,940	2,080	3,860	546	834
14	1,690	2,840	2,610	2,400	3,900	21,900	16,100	3,280	1,950	4,930	479	773
15	1,380	2,430	2,340	2,440	3,760	22,300	17,200	3,020	1,780	5,170	426	795
16	1,090	2,130	2,110	2,940	3,460	21,900	16,600	6,140	1,580	6,500	2,060	946
17	1,040	2,090	2,070	3,100	3,190	19,400	13,400	7,520	1,500	4,990	5,900	828
18	1,140	2,550	1,940	2,870	4,260	18,500	10,700	5,820	1,490	3,910	8,100	740
19	1,070	2,290	1,800	2,700	10,500	17,500	8,890	4,010	1,380	3,000	8,420	680
20	934	2,170	1,720	4,440	16,600	18,100	6,980	2,940	1,720	2,000	5,060	631
21	1,420	1,990	2,110	5,590	23,500	19,800	5,820	2,440	5,890	1,590	2,610	594
22	1,740	1,840	3,570	4,640	31,000	19,600	5,120	2,160	6,020	1,360	1,810	559
23	1,860	2,240	3,240	3,640	54,200	19,300	4,510	1,970	4,370	1,320	1,420	550
24	1,480	4,030	2,910	3,140	68,500	18,700	3,980	2,100	3,060	1,220	1,180	533
25	1,290	3,840	2,500	2,820	65,800	16,500	3,560	2,100	2,320	1,790	1,270	511
26	1,170	3,530	2,290	2,780	56,400	14,700	3,440	1,960	2,150	2,250	1,890	499
27	1,030	3,120	2,190	2,800	47,500	12,800	4,590	1,950	1,780	2,060	2,410	474
28	910	2,570	2,060	2,760	39,900	15,300	6,660	2,140	1,530	1,990	1,860	462
29	822	2,270	1,960	2,570	-----	18,800	6,570	2,170	1,420	1,440	1,420	446
30	795	2,250	3,100	2,350	-----	21,100	5,330	1,870	1,340	1,150	1,250	434
31	1,240	-----	7,060	2,200	-----	26,900	-----	1,640	-----	1,010	1,080	-----
TOTAL	45,300	78,550	72,800	157,730	485,460	580,630	521,950	108,950	63,280	70,516	57,580	26,059
MEAN	1,461	2,618	2,348	5,088	17,340	18,730	17,400	3,515	2,109	2,275	1,857	869
MAX	3,750	4,030	7,060	12,400	68,500	31,200	50,800	7,520	6,020	6,600	8,420	1,630
MIN	751	1,380	1,560	2,200	2,110	9,830	3,440	1,640	1,090	976	426	434
CFSM	.33	.58	.52	1.13	3.86	6.17	3.87	.78	.47	.51	.41	.19
IN.	.38	.65	.60	1.31	4.02	4.81	4.32	.90	.52	.58	.48	.22

CAL YR 1960: TOTAL 1,968,710 MEAN 5,379 MAX 40,000 MIN 246 CFSM 1.38 IN 16.31
MAY YR 1961: TOTAL 2,268,805 MEAN 6,216 MAX 68,500 MIN 246

Note --No gage-height record Aug 1-15

MOBILE RIVER BASIN

2-4415 Tombigbee River at Columbus, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	426	466	6,860	10,100	49,100	39,700	13,000	6,330	7,130	2,680	1,160	444
2	442	486	4,980	11,700	42,500	39,900	11,900	5,780	2,090	2,090	1,230	436
3	1,030	554	3,910	12,200	35,100	41,100	10,000	5,050	6,210	1,450	1,230	459
4	1,350	751	3,260	11,200	27,200	38,200	9,070	4,230	4,740	1,240	1,230	517
5	1,550	1,360	2,950	11,800	21,300	35,400	8,030	3,750	4,180	1,110	1,350	493
6	1,500	1,690	4,150	18,700	15,800	29,900	14,600	3,360	4,850	1,010	1,380	501
7	1,160	2,010	5,840	20,400	11,500	23,900	18,300	3,080	4,100	2,610	1,350	489
8	964	1,560	5,480	23,000	7,860	18,200	18,500	2,840	3,260	3,570	1,210	478
9	1,590	1,300	5,190	27,700	6,590	15,800	18,700	2,630	2,430	2,070	968	470
10	1,140	1,120	12,300	31,000	6,150	15,600	17,300	2,470	2,140	1,400	845	525
11	710	1,010	18,100	31,000	5,660	21,000	15,200	2,280	2,040	1,080	748	546
12	631	922	26,600	27,200	5,180	22,800	19,700	2,150	2,090	920	712	627
13	581	3,430	33,000	21,600	4,690	24,100	24,300	2,050	2,450	840	662	596
14	533	12,400	42,300	18,000	4,400	23,800	42,200	1,940	3,310	801	605	541
15	511	15,900	51,400	19,000	4,230	21,700	68,500	1,810	2,730	885	562	513
16	486	18,600	56,200	19,200	5,710	16,200	79,300	1,710	2,310	910	529	584
17	466	19,900	66,200	19,600	6,760	13,100	65,500	1,600	1,860	860	505	712
18	458	18,700	102,000	20,500	5,770	10,400	51,500	1,540	1,510	796	489	986
19	446	17,100	124,000	21,300	6,410	8,190	39,200	1,460	1,330	790	470	1,110
20	442	13,100	124,000	19,900	9,680	6,590	28,500	1,390	1,250	676	459	956
21	438	6,690	111,000	16,900	11,100	6,200	20,100	1,330	1,420	636	451	758
22	438	4,350	92,600	14,900	15,300	7,010	12,900	1,260	1,910	588	451	618
23	442	12,200	72,300	15,600	17,700	6,630	8,570	1,190	1,910	554	459	533
24	450	17,500	56,700	18,100	20,700	6,030	6,350	1,150	1,660	609	513	493
25	458	18,100	44,700	18,700	22,800	5,990	5,680	1,110	1,490	614	541	466
26	466	19,300	34,000	20,300	29,900	9,590	5,280	1,070	3,500	671	493	459
27	467	20,400	26,500	37,100	26,500	11,400	5,500	1,010	5,730	1,150	513	501
28	470	19,600	18,300	31,500	38,800	10,400	5,110	974	4,170	1,430	567	614
29	474	15,800	14,000	39,300	-----	7,990	6,640	940	2,940	1,240	529	725
30	470	11,100	10,700	48,100	-----	6,480	7,060	956	2,800	1,050	497	721
31	466	-----	8,380	52,600	-----	10,100	-----	3,540	-----	1,110	466	-----
TOTAL	21,454	277,399	1,188,000	697,600	474,990	553,400	656,100	71,980	94,240	37,380	23,174	17,871
MEAN	692	9,247	38,320	22,500	15,960	17,850	21,670	2,332	3,141	1,386	748	566
MAX	1,590	20,400	124,000	52,600	49,100	41,100	79,300	6,330	7,130	3,570	1,380	1,110
MIN	426	466	2,950	10,100	4,230	5,990	5,000	940	1,250	554	451	436
CFSM	15	2.06	8.54	5.01	3.78	3.98	4.87	52	70	27	17	13
IN.	18	2.30	9.84	5.78	3.93	4.58	5.44	60	78	31	19	15

CAL YR 1961: TOTAL 3,559,008

MEAN 9,751

MAX 124,000

MIN 426

CFSM 2.17

IN 29.48

WAT YR 1962: TOTAL 4,113,678

MEAN 11,270

MAX 124,000

MIN 426

CFSM 2.51

IN 34.07

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	689	489	801	2,410	5,610	2,160	3,010	13,800	18,400	4,580	4,610	900
2	716	493	801	2,100	4,880	2,490	2,780	16,200	16,200	3,440	4,290	830
3	767	493	796	1,760	4,850	3,480	2,580	18,700	13,900	4,130	3,010	811
4	840	489	763	1,530	5,730	3,300	2,430	19,400	11,300	5,680	2,520	702
5	905	489	753	1,390	4,980	3,410	2,290	16,200	7,540	4,770	2,270	1,430
6	801	493	763	1,300	4,180	9,430	2,280	10,000	4,020	3,440	1,940	2,780
7	689	493	806	1,230	3,570	12,400	2,720	9,270	2,730	2,410	1,490	2,100
8	618	489	845	1,190	3,130	14,000	4,110	7,650	2,210	1,980	1,350	1,410
9	571	485	860	1,170	2,790	15,100	4,090	6,250	1,890	3,010	1,240	986
10	554	489	850	1,140	2,500	15,200	3,580	5,500	1,680	2,220	1,120	806
11	537	493	801	1,110	2,260	12,700	3,180	4,380	1,510	1,890	1,050	712
12	554	517	772	1,110	2,590	12,000	2,860	3,120	1,320	1,610	1,040	662
13	546	546	739	1,290	3,520	13,800	2,930	2,660	1,220	1,370	1,010	649
14	525	636	694	1,460	3,150	17,100	2,240	2,620	1,120	8,120	1,170	684
15	513	702	662	1,510	2,800	22,000	2,010	2,430	1,050	17,000	1,140	712
16	493	739	653	1,440	2,570	27,100	1,830	2,230	1,000	20,600	1,130	622
17	482	748	721	1,380	2,360	30,700	1,740	2,050	1,040	22,100	1,120	588
18	482	753	777	1,310	2,110	30,400	1,650	1,970	2,000	23,900	950	579
19	485	885	816	1,320	2,600	27,500	1,590	1,770	2,310	26,300	830	571
20	489	1,260	840	1,630	5,490	22,700	1,500	1,570	3,030	24,500	753	554
21	474	1,430	850	1,990	6,020	17,200	1,440	1,440	5,720	21,700	865	529
22	470	1,430	875	2,130	4,930	12,500	1,410	1,230	8,570	16,900	1,070	487
23	459	1,300	1,110	2,120	3,770	8,090	1,380	1,170	9,640	14,500	1,150	482
24	497	1,250	1,410	2,180	3,170	5,010	1,350	1,100	8,740	10,700	1,150	455
25	533	1,190	1,620	2,310	2,960	4,150	1,320	1,070	8,740	5,740	940	433
26	529	1,040	1,650	2,270	2,780	4,580	1,550	3,100	10,000	4,920	811	418
27	507	936	1,830	2,210	2,600	4,980	2,470	8,810	10,500	9,020	725	488
28	489	875	1,880	2,240	2,350	4,810	2,500	13,400	9,560	4,870	698	414
29	478	840	1,800	2,360	-----	4,400	5,930	13,600	7,820	4,360	707	422
30	482	806	2,060	2,720	-----	3,600	12,200	19,200	6,340	3,980	816	444
31	482	-----	2,420	5,250	-----	3,250	-----	20,500	-----	3,480	974	-----
TOTAL	17,458	23,277	33,018	56,560	100,250	369,540	82,530	232,460	181,000	279,890	43,939	23,600
MEAN	570	766	1,065	1,825	3,235	11,920	2,752	7,489	5,846	9,029	1,417	759
MAX	905	1,430	2,420	5,250	6,020	30,700	12,200	20,500	18,400	26,300	4,610	2,780
MIN	459	485	653	1,110	2,110	2,160	1,320	1,070	1,000	1,370	698	414
CFSM	13	1.17	1.24	1.41	1.80	2.65	1.61	1.67	1.34	2.01	1.32	1.18
IN.	15	1.19	1.27	1.47	1.83	3.06	1.68	1.93	1.50	2.32	1.36	1.20

CAL YR 1962: TOTAL 2,700,778

MEAN 3,393

MAX 30,700

MIN 414

CFSM 1.88

IN 22.37

WAT YR 1963: TOTAL 2,443,742

2-4415 Tombigbee River at Columbus, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	463	404	2,030	2,230	7,460	7,650	14,100	34,200	1,520	1,190	1,120	649
2	482	407	1,870	2,110	5,830	10,100	11,500	29,600	1,620	1,290	1,240	609
3	482	425	1,540	2,320	4,850	17,400	8,480	28,000	2,190	1,990	1,360	584
4	466	482	1,310	3,800	4,020	21,100	7,060	26,200	2,220	2,340	1,000	546
5	455	554	1,240	4,240	3,590	23,500	8,820	25,400	1,690	1,830	840	517
6	448	689	1,130	4,170	4,890	24,900	15,400	24,400	1,410	1,320	791	493
7	425	1,000	1,050	7,400	6,010	26,000	24,100	19,900	1,240	1,140	940	466
8	404	1,030	992	9,000	7,730	26,400	28,000	14,000	1,160	1,060	986	455
9	404	1,020	962	12,900	5,740	25,900	34,500	9,570	1,140	1,060	905	444
10	400	885	1,020	16,300	4,480	25,600	35,900	6,880	1,070	1,400	796	436
11	386	735	3,780	17,700	3,890	24,400	35,800	5,750	986	1,360	748	418
12	375	640	13,300	18,800	9,480	23,700	34,300	5,010	1,050	2,010	721	396
13	368	584	15,700	18,700	3,320	20,500	35,700	4,540	1,650	2,850	725	382
14	368	554	17,300	17,300	6,470	21,200	38,700	4,320	1,340	7,860	748	378
15	358	533	17,600	14,000	9,190	24,000	47,200	3,990	1,130	6,460	748	375
16	347	525	15,500	10,500	12,600	24,500	51,600	3,500	940	4,360	1,170	372
17	354	517	10,600	7,970	15,000	26,700	46,800	3,090	850	2,570	3,330	368
18	361	525	5,850	5,900	18,200	31,600	40,900	2,810	801	2,270	3,850	396
19	354	533	4,270	5,000	20,300	37,900	32,700	2,560	763	1,970	2,850	478
20	347	546	3,510	4,390	20,600	41,300	22,300	2,300	748	1,520	1,860	525
21	344	562	2,870	4,240	18,900	39,300	16,400	2,150	730	1,240	1,340	592
22	382	601	2,570	4,010	16,400	35,400	13,500	2,010	698	1,140	1,080	622
23	389	694	2,870	3,530	11,800	27,600	9,820	1,920	676	1,420	925	546
24	393	855	2,890	6,260	8,780	20,800	12,200	1,840	725	1,930	850	493
25	396	1,200	2,810	15,900	7,040	15,600	15,600	1,840	845	1,970	850	463
26	404	1,280	2,740	17,700	6,670	12,200	26,900	1,790	860	1,660	890	436
27	396	1,130	2,770	18,700	6,090	12,600	31,000	1,750	830	1,420	830	418
28	393	998	3,010	20,300	5,490	14,300	36,400	1,680	753	1,290	791	521
29	386	1,600	2,880	20,500	7,140	16,000	38,000	1,680	684	1,150	826	2,040
30	389	2,130	2,510	16,700	-----	16,800	37,400	1,570	716	1,010	796	3,570
31	393	-----	2,200	11,100	-----	15,700	-----	1,580	-----	962	735	-----
TOTAL	12,312	23,638	150,674	323,670	257,960	710,650	814,180	275,830	33,035	66,042	36,641	18,988
MEAN	397	788	4,860	10,440	8,895	22,920	27,140	8,898	1,182	2,130	1,182	633
MAX	482	2,130	17,600	20,500	20,600	41,300	51,600	34,200	2,220	7,860	3,850	3,570
MIN	244	404	962	2,910	3,320	7,650	7,060	1,570	676	1,060	721	368
CFSM	-.09	-.18	1.08	2.33	1.98	5.11	6.04	1.98	-.25	-.47	-.26	-.14
IN.	-.10	-.20	1.25	2.68	2.14	5.89	6.74	2.28	-.27	-.55	-.30	-.16
CAL YR 1963: TOTAL	1,556,413	MEAN	4,264	MAX	30,700	MIN	344	CFSM	-.95	IN	13.89	
WAT YR 1964: TOTAL	2,723,620	MEAN	7,442	MAX	51,600	MIN	344	CFSM	1.66	IN	22.56	

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,740	1,250	8,840	5,980	2,680	13,200	32,800	2,510	1,180	631	806	1,700
2	3,120	1,180	7,820	5,260	2,630	14,500	32,900	2,260	1,030	601	676	1,270
3	2,810	968	5,600	5,410	3,030	16,300	31,200	2,120	940	579	605	1,030
4	2,700	900	5,560	7,830	3,180	18,800	26,700	1,990	880	627	554	992
5	4,640	850	5,500	6,930	2,980	20,200	21,100	1,840	821	689	521	860
6	5,400	830	4,380	5,700	2,770	18,500	18,500	1,730	826	1,300	529	753
7	5,720	816	3,670	5,030	2,860	14,300	20,200	1,640	900	1,830	525	680
8	5,640	811	3,230	4,460	4,730	11,100	22,500	1,530	1,020	2,650	890	640
9	3,370	806	2,960	4,160	17,100	9,360	22,100	1,420	1,340	1,990	1,930	601
10	1,640	835	2,620	7,180	23,200	7,560	20,500	1,370	1,210	1,310	3,380	575
11	1,270	850	6,040	10,100	26,800	6,380	17,100	1,250	1,400	1,340	2,870	579
12	1,090	850	15,000	10,800	33,000	9,100	12,200	1,240	1,400	1,080	1,760	970
13	974	850	15,800	8,930	50,300	14,100	11,100	1,440	1,490	890	1,150	3,260
14	915	801	16,800	7,070	60,900	15,600	9,410	1,370	1,790	816	980	3,200
15	875	801	16,600	6,260	61,000	15,200	6,760	1,200	1,650	730	855	2,340
16	900	801	15,300	5,420	56,400	13,300	5,160	1,100	1,600	712	744	1,490
17	1,260	801	11,700	4,960	48,900	10,800	4,540	1,020	1,560	662	649	1,060
18	1,490	806	11,300	4,540	40,200	12,000	4,150	1,050	1,440	662	588	850
19	1,400	840	10,000	3,970	32,800	14,100	3,790	1,400	1,260	658	550	735
20	1,200	1,010	9,190	3,410	25,200	14,400	3,840	1,910	1,140	649	562	653
21	1,000	2,120	8,340	3,040	17,400	11,900	3,950	2,220	1,010	614	644	605
22	905	2,410	7,350	2,880	12,300	8,900	3,660	2,300	890	567	744	567
23	854	2,220	6,990	4,980	7,670	7,270	3,806	2,520	826	549	764	901
24	806	1,870	5,190	10,700	5,700	6,740	2,950	2,090	767	546	753	2,670
25	801	2,040	5,740	9,040	8,400	6,810	2,750	1,830	811	1,130	1,130	1,640
26	773	3,430	7,400	7,930	12,200	13,100	2,540	1,590	930	1,350	1,260	1,060
27	753	3,820	7,630	5,780	14,400	17,800	2,560	1,490	890	2,060	1,070	930
28	748	6,190	4,900	4,900	14,900	20,000	3,080	1,390	811	1,830	950	772
29	763	9,510	5,080	3,500	-----	23,300	3,190	1,650	725	1,540	1,230	653
30	1,010	10,600	4,580	3,070	-----	28,100	2,860	1,700	671	1,340	2,180	730
31	1,140	-----	5,360	2,790	-----	30,200	-----	1,420	-----	1,010	2,310	-----
TOTAL	59,699	61,866	246,710	181,310	593,580	442,920	317,870	51,250	33,188	32,922	34,139	34,766
MEAN	21,926	2,062	7,958	5,869	21,500	14,290	11,673	1,673	1,106	1,062	1,101	2,180
MAX	5,720	10,600	16,800	10,800	61,000	30,200	32,900	2,510	1,790	2,650	3,380	3,260
MIN	744	801	2,620	2,790	2,630	6,380	2,540	1,020	671	529	521	567
CFSM	-.43	-.46	1.77	1.30	4.72	3.18	2.65	-.37	-.25	-.24	-.25	-.26
IN.	-.49	-.51	2.04	1.50	4.92	3.67	2.96	-.42	-.27	-.27	-.28	-.29
CAL YR 1964: TOTAL	2,903,271	MEAN	7,938	MAX	51,600	MIN	344	CFSM	1.77	IN	24.06	
WAT YR 1965: TOTAL	2,124,620	MEAN	5,835	MAX	61,000	MIN	344	CFSM	1.30	IN	17.64	

2-4420 Luxapalila Creek near Fayette, Ala

Location --Lat 33°43', long 87°58', in SW¹/₄ 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

Records available --May 1945 to September 1965

Gage --Water-stage recorder Datum of gage is 322.33 ft above mean sea level, datum of 1929, supplementary adjustment of 1944 (levels by Corps of Engineers) Prior to Apr 22, 1944, staff gage and Apr 22, 1944 to May 15, 1945, wire-weight gage, at same site and datum

Average discharge --20 years, 214 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,500 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	1400	* 9,150	12 93	Mar 31, 1962	1100	4,040	10 83	Mar 15, 1964	0800	4,200	11 11
Mar 8, 1961	1200	4,450	11 45	Apr 6, 1962	1300	3,080	8 95	Apr 6, 1964	-	4,100	10 93
Mar 28, 1961	1350	3,880	10 54	Apr 12, 1962	0800	4,490	11 49	Apr 13, 1964	2100	5,320	11 94
Mar 31, 1961	0800	4,500	11 50					Apr 27, 1964	2100	* 6,340	12 28
				Mar 12, 1963	1230	* 2,180	7 17	May 2, 1964	1700	3,040	8 87
Dec 12, 1961	1200	4,860	11 73								
Dec 18, 1961	0200	* 8,000	12 70	Jan 24, 1964	2130	3,050	8 90	Feb 9, 1965	0800	4,280	11 25
Jan 27, 1962	0700	3,440	9 69	Mar 2, 1964	1700	2,740	8 27	Feb 12, 1965	0900	* 4,580	11 58

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	41		1964	Oct 22, 26, 1963,	35	0 04
1962	Oct 20, 1961	38	1 20		Sept 26, 1964		
1963	Sept 24, 25, 1963	35	61 46	1965	June 3, 1965	32	07

1945-65 Maximum discharge, 9,910 cfs Jan 5, 1949 (gage height, 13.8 ft), minimum, 21 cfs Sept 28, 1956

Remarks --Records good except those for periods of no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	65	96	95	372	127	418	814	250	58	68	58
2	63	82	90	200	132	358	503	240	55	66	60
3	62	77	88	160	190	328	431	230	55	64	59
4	60	77	87	139	148	305	357	150	55	62	58
5	67	74	84	130	139	285	303	140	55	59	54
6	106	74	84	127	139	277	276	130	60	59	54
7	96	72	87	124	204	377	260	200	70	171	76
8	106	72	85	117	264	3,130	250	350	100	90	100
9	93	82	80	112	195	734	541	240	90	78	198
10	80	182	79	106	170	464	337	168	186	70	84
11	75	108	127	103	160	376	282	141	130	76	70
12	70	93	106	103	148	332	715	130	100	323	62
13	68	88	92	105	146	659	406	120	80	186	58
14	68	85	90	124	143	466	313	115	72	139	56
15	80	79	98	129	139	346	313	247	74	127	59
16	77	80	96	118	136	307	296	151	71	115	422
17	70	80	90	113	136	362	273	118	74	109	234
18	68	80	87	110	362	1,190	230	110	74	96	117
19	70	79	85	184	589	519	200	100	71	88	88
20	82	75	137	168	3,360	382	190	90	193	88	76
21	74	74	168	137	7,490	589	180	85	266	153	71
22	72	82	118	127	5,720	398	170	80	120	95	66
23	70	358	108	129	2,310	328	160	85	100	94	117
24	70	141	106	124	906	287	150	90	89	96	397
25	70	112	101	118	1,160	257	150	90	83	88	135
26	70	101	98	189	668	240	317	85	95	83	100
27	74	96	95	166	506	237	458	80	84	74	88
28	72	98	90	143	503	1,990	280	75	76	71	76
29	70	124	103	136	-----	762	230	70	72	72	71
30	72	105	139	127	-----	1,880	220	65	70	65	77
31	146	-----	330	127	-----	3,200	-----	60	-----	60	110
TOTAL	2,386	3,026	3,323	4,367	26,290	21,783	9,605	4,285	2,778	3,083	3,351
MEAN	77.0	101	107	141	939	703	320	138	92.6	99.5	108
MAX	146	358	330	372	7,490	3,200	814	350	266	323	422
MIN	60	72	79	103	127	237	150	60	55	59	54
CFSM	.61	.79	.84	1.11	7.39	5.53	2.52	1.09	.73	.78	.85
IN.	.70	.89	.97	1.28	7.70	6.38	2.81	1.25	.81	.90	.98

CAL YR 1960: TOTAL 68,450 MEAN 182 MAX 7,490 MIN 37 CFSM 1.83 IN 12.18
MAY YR 1961: TOTAL 83,933 MEAN 235 MAX 7,490 MIN 37 CFSM 1.83 IN 12.18

2-4420 Luxapalila Creek near Fayette, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	67	50	92	405	366	546	570	220	94	73	79	50
2	93	52	89	350	320	396	486	200	91	74	73	51
3	176	87	88	331	300	135	300	180	85	73	224	50
4	77	103	86	330	280	298	264	160	90	70	146	50
5	60	71	114	654	260	266	338	150	84	67	223	56
6	54	64	182	1,420	250	238	2,040	150	78	65	114	56
7	52	56	150	624	240	222	736	140	78	65	78	54
8	50	53	120	478	260	224	445	130	85	65	73	55
9	48	53	190	393	250	425	360	120	117	60	66	58
10	46	53	623	370	220	715	296	110	125	60	63	56
11	43	53	1,360	360	200	727	2,430	110	114	60	63	51
12	43	68	4,020	350	184	446	3,440	100	150	60	62	50
13	40	100	913	340	177	333	752	100	138	60	62	88
14	40	170	556	340	171	280	476	100	101	58	60	86
15	40	109	514	998	195	256	380	96	88	58	59	62
16	41	190	1,970	510	308	232	317	91	82	56	59	120
17	41	120	4,980	392	218	206	280	90	78	58	58	82
18	41	98	6,710	362	208	196	250	88	183	62	56	62
19	41	92	1,280	497	250	192	230	86	187	55	59	55
20	38	83	643	385	200	188	220	84	167	51	56	55
21	41	76	502	350	412	266	210	82	93	51	56	51
22	41	81	435	338	910	202	200	78	82	50	63	51
23	41	1,050	416	856	827	183	200	78	76	49	56	51
24	41	393	373	534	958	171	200	78	74	76	69	50
25	43	202	341	574	538	343	301	76	91	102	63	50
26	46	155	331	562	495	288	266	74	84	88	59	143
27	43	134	397	2,340	460	222	240	74	85	63	56	94
28	46	118	406	2,050	860	198	260	74	84	73	55	69
29	46	106	346	686	-----	182	282	72	80	136	51	62
30	47	96	331	491	-----	217	250	177	74	116	52	60
31	48	-----	360	412	-----	2,310	-----	128	-----	96	51	-----
TOTAL	1,614	4,136	28,918	19,082	10,297	11,303	17,019	3,495	3,038	2,150	2,360	1,932
MEAN	52.1	131.2	893.3	616.5	368.2	305.2	533.3	113.1	101.6	69.4	76.1	64.4
MAX	176	1,050	6,710	2,340	958	2,310	3,440	220	187	136	224	143
MIN	38	50	86	330	171	171	200	72	74	49	51	50
CFSM	.41	1.09	7.35	4.85	2.90	2.87	4.47	.89	.80	.55	.60	.51
IN.	.47	1.21	8.47	5.59	3.02	3.31	4.98	1.02	.89	.63	.69	.57

CAL YR 1961: TOTAL 111,866 MEAN 306 MAX 7,490 MIN 38 CFSM 2.41 IN 32.76
WAT YR 1962: TOTAL 105,344 MEAN 289 MAX 6,710 MIN 38 CFSM 2.27 IN 30.85

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	63	60	76	109	224	133	103	217	84	78	81	41
2	114	63	74	102	218	138	100	157	71	71	65	40
3	73	62	73	96	302	116	98	125	76	71	60	40
4	63	63	93	206	114	95	108	69	68	68	55	45
5	60	63	84	93	179	353	89	97	69	62	50	60
6	60	62	82	93	160	551	167	109	66	60	60	55
7	60	62	78	91	145	280	175	122	64	57	55	46
8	62	63	85	90	133	212	134	92	60	68	62	45
9	62	74	78	86	126	196	116	81	57	64	50	45
10	60	78	73	88	121	181	108	75	56	56	45	44
11	59	67	73	99	126	164	97	72	56	53	40	44
12	56	79	70	119	123	942	90	69	53	52	40	68
13	56	75	70	109	111	481	84	66	53	64	45	60
14	56	67	70	93	106	301	82	68	52	276	62	48
15	56	66	73	91	96	236	81	68	52	115	55	46
16	56	67	80	91	93	251	79	65	56	216	48	46
17	58	80	74	93	93	282	75	64	58	395	47	45
18	58	181	73	109	96	225	73	66	56	247	47	44
19	54	104	73	172	262	209	72	61	61	131	47	44
20	54	119	73	234	183	211	72	57	73	104	47	42
21	62	181	85	166	147	161	71	57	118	237	88	41
22	65	142	131	140	126	142	69	56	195	109	53	40
23	60	99	91	179	119	133	65	55	341	85	50	39
24	56	88	98	154	136	122	64	53	326	81	47	39
25	58	85	130	130	126	127	100	71	153	72	53	39
26	59	82	102	154	114	229	108	499	113	76	47	40
27	60	78	94	208	107	177	81	382	133	76	53	46
28	60	78	93	145	106	149	115	231	151	69	47	51
29	65	80	251	135	-----	131	489	179	105	68	46	48
30	63	79	162	394	-----	116	410	124	84	166	46	45
31	62	-----	124	310	-----	115	-----	100	-----	164	44	-----
TOTAL	1,910	2,947	2,866	4,266	4,084	7,178	3,562	3,646	2,961	3,511	1,635	1,398
MEAN	61.6	84.9	92.5	138	146	232	119	118	98.7	113	52.7	46.6
MAX	114	181	251	394	302	942	489	499	341	395	88	68
MIN	54	60	70	86	93	114	64	53	52	52	40	39
CFSM	.49	.67	.73	1.08	1.15	1.82	.93	.93	.78	.89	.42	.37
IN.	.56	.75	.84	1.25	1.20	2.10	1.04	1.07	.87	1.03	.48	.41

CAL YR 1962: TOTAL 77,999 MEAN 214 MAX 3,440 MIN 49 CFSM 1.68 IN 22.84
WAT YR 1963: TOTAL 39,564 MEAN 108 MAX 942 MIN 39 CFSM .85 IN 11.59

2-4420 Luxapalila Creek near Fayette, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	44	52	95	131	177	169	260	381	96	93	77	70
2	44	57	89	133	151	1,210	250	1,350	91	142	69	67
3	44	46	85	155	136	905	280	856	82	110	64	64
4	42	53	79	282	131	1,050	490	490	78	80	67	62
5	41	102	71	276	140	1,160	430	352	75	69	136	61
6	40	97	68	344	173	579	3,200	266	91	64	130	61
7	40	75	68	440	149	547	1,400	223	86	69	85	59
8	40	52	79	290	127	602	810	198	82	78	74	59
9	40	52	73	1,240	122	652	534	183	74	77	70	56
10	39	51	71	468	118	822	406	187	70	67	69	51
11	40	50	785	327	106	486	374	171	178	85	91	46
12	40	48	936	289	100	374	2,170	154	152	951	88	45
13	44	48	334	242	213	307	4,900	155	86	312	72	42
14	40	48	319	199	256	598	2,090	136	75	141	67	42
15	39	48	225	175	384	2,900	762	128	69	110	74	42
16	39	51	179	169	376	858	570	120	67	107	257	42
17	39	52	155	159	253	595	458	112	70	90	171	43
18	40	53	143	145	442	467	387	107	64	82	110	64
19	39	51	127	138	341	438	358	102	61	74	94	74
20	38	51	118	134	258	442	346	104	58	75	83	58
21	36	53	115	118	213	368	323	102	54	295	83	51
22	35	53	120	116	189	330	301	94	56	117	83	48
23	36	104	231	113	169	326	298	93	58	102	83	46
24	40	66	169	1,310	155	323	525	102	67	120	91	43
25	41	58	151	1,140	213	427	454	126	61	131	78	40
26	40	56	149	445	203	582	1,080	93	56	90	203	38
27	40	56	138	310	177	362	5,070	85	78	117	117	40
28	44	163	125	242	201	323	1,770	91	53	69	91	153
29	40	427	118	199	175	310	659	96	56	74	82	581
30	40	131	113	181	-----	270	483	85	84	92	78	238
31	41	-----	113	185	-----	260	-----	90	-----	93	75	-----
TOTAL	1,245	2,304	5,641	10,095	5,848	19,042	31,438	6,832	2,308	4,137	3,012	2,386
MEAN	40.2	76.8	182	326	202	614	1,048	220	76.9	133	97.2	79.5
MAX	44	427	936	1,310	442	2,900	5,070	1,350	178	951	257	581
MIN	35	46	68	113	100	169	250	85	53	64	64	38
CFSM	.32	.60	1.43	2.56	1.59	4.84	8.25	1.74	.61	1.05	.77	.63
IN.	.36	.67	1.65	2.96	1.71	5.58	9.21	2.00	.68	1.21	.68	.70

CAL YR 1963: TOTAL 41,431 MEAN 114 MAX 942 MIN 35 CFSM .89 IN 12.13
 MAY YR 1964: TOTAL 94,286 MEAN 258 MAX 5,070 MIN 35 CFSM 2.03 IN 27.61

Note --No gage-height record Mar 29 to Apr 8

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	163	69	190	152	123	311	358	130	38	75	125	67
2	146	69	185	147	136	454	280	120	35	59	115	64
3	131	67	181	168	131	250	268	120	34	54	110	62
4	271	67	255	180	120	221	266	120	37	64	106	64
5	258	66	196	154	126	204	229	120	46	66	99	64
6	176	66	187	149	125	218	204	110	125	64	96	61
7	160	66	180	146	150	189	206	110	174	66	93	56
8	146	64	176	141	174	204	110	118	67	67	325	51
9	134	64	171	138	2,720	173	190	110	80	64	85	50
10	125	62	165	320	1,750	173	172	110	70	59	69	46
11	115	62	1,280	170	3,130	171	170	131	101	59	59	61
12	109	61	1,060	140	3,350	710	309	126	123	56	59	206
13	101	61	490	130	851	387	240	112	98	54	75	74
14	96	61	314	130	554	250	190	106	126	53	67	61
15	576	59	225	130	403	238	170	96	98	52	62	58
16	228	61	194	120	320	208	170	90	86	98	56	54
17	144	62	227	120	419	483	160	83	82	76	53	53
18	134	64	429	120	298	381	150	80	78	66	51	53
19	125	100	238	118	238	236	170	78	70	60	117	51
20	115	201	250	115	208	192	160	77	66	57	110	50
21	104	149	212	114	190	174	150	74	66	54	74	48
22	99	125	183	115	180	173	140	70	59	52	64	50
23	91	110	176	327	176	182	140	69	66	51	67	61
24	86	174	174	204	180	358	130	69	78	316	72	59
25	78	536	286	139	196	330	130	67	70	261	64	51
26	77	218	190	133	176	1,810	190	66	66	206	61	46
27	75	189	171	131	174	746	160	110	62	178	58	46
28	74	861	166	128	171	493	150	85	59	162	112	43
29	74	389	163	126	-----	821	140	58	53	154	86	43
30	27	225	160	123	-----	806	130	48	56	140	64	138
31	70	-----	155	122	-----	470	-----	45	-----	133	70	-----
TOTAL	4,353	4,428	8,629	4,628	16,761	11,986	5,726	2,900	2,320	2,980	2,724	1,891
MEAN	140	148	278	149	539	387	181	93.5	77.3	96.1	87.9	63.0
MAX	576	861	1,280	327	3,350	1,810	358	131	174	316	325	206
MIN	70	59	155	114	123	171	130	45	34	51	51	43
CFSM	1.11	1.16	2.19	1.18	4.71	3.04	1.50	.74	.61	.76	.69	.50
IN.	1.27	1.30	2.53	1.36	4.91	3.51	1.68	.85	.68	.87	.80	.55

CAL YR 1964: TOTAL 102,508 MEAN 280 MAX 5,070 MIN 34 CFSM 2.36 IN 28.92
 MAY YR 1965: TOTAL 69,326 MEAN 190 MAX 3,350 MIN 34 CFSM 2.36 IN 28.92

Note --No gage-height record Apr 6 to May 10

CAL YR 1960: TOTAL 153,894	MEAN 420	MAX 7,430	MIN 58	CFSM 1.36	IN 18.52
WAY YR 1961: TOTAL 190,364	MEAN 522	MAX 13,300	MIN 72	CFSM 1.69	IN 22.91

2-4430 Luxapalila Creek at Steens, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	70	67	197	773	1,110	1,960	3,550	521	241	106	200	65
2	70	67	184	842	918	1,370	2,360	443	158	106	150	65
3	95	85	178	687	798	1,030	1,120	398	140	147	400	65
4	139	103	168	594	722	870	801	360	126	112	350	65
5	161	176	186	724	667	762	716	330	120	96	400	68
6	111	140	275	1,990	617	679	1,890	316	118	85	164	70
7	92	110	478	2,990	552	612	3,800	296	111	82	149	70
8	87	97	432	1,740	541	580	2,740	275	139	114	125	70
9	83	87	346	1,170	594	676	1,480	246	116	96	100	70
10	79	84	610	900	578	1,140	980	225	136	83	90	68
11	76	83	1,440	750	506	2,280	819	216	173	74	84	66
12	73	84	3,560	650	470	2,230	2,430	200	185	72	79	65
13	70	117	4,930	580	449	1,250	4,280	185	233	73	75	70
14	66	244	6,460	571	432	920	3,780	172	253	86	74	79
15	61	416	3,030	920	422	757	1,660	158	184	77	73	94
16	62	380	2,210	2,110	584	672	1,020	150	139	69	72	90
17	62	416	4,000	1,180	782	598	808	140	118	69	69	78
18	62	344	7,450	890	573	548	725	136	110	69	70	103
19	64	218	8,540	1,120	562	521	663	130	102	65	70	90
20	63	167	9,040	1,630	617	506	603	129	147	64	75	75
21	62	150	4,050	1,020	575	552	548	122	346	60	77	68
22	62	144	1,600	812	1,700	651	506	117	189	59	78	65
23	65	407	1,020	1,120	3,070	535	481	115	133	100	76	62
24	66	1,450	846	2,640	2,890	485	477	111	112	150	76	61
25	65	1,040	718	1,640	2,680	524	491	108	99	250	80	61
26	65	546	630	1,290	1,900	801	506	104	140	150	75	63
27	65	382	629	2,570	1,750	693	582	102	239	100	72	70
28	66	296	800	4,850	1,700	548	591	97	205	150	70	115
29	66	248	808	5,370	-----	489	727	94	137	200	68	90
30	66	214	641	2,920	-----	464	658	100	118	300	66	79
31	67	-----	594	1,550	-----	1,490	-----	133	-----	250	65	-----
TOTAL	2,361	8,362	68,070	48,593	28,759	27,193	41,792	6,229	4,767	3,514	3,672	2,229
MEAN	76.2	279	2,196	1,568	1,027	877	1,393	201	159	113	118	74.3
MAX	161	1,450	9,040	5,370	3,070	2,280	4,280	521	346	300	400	115
MIN	61	67	168	571	422	464	477	94	99	59	65	61
CFSM	.25	.90	7.11	5.07	3.32	2.84	4.51	.65	.51	.37	.38	.24
IN.	.28	1.01	8.19	5.85	3.46	3.27	5.03	.75	.57	.42	.44	.27

CAL YR 1961: TOTAL 254,341 MEAN 697 MAX 13,300 MIN 61 CFSM 2.78 IN 39.84
 MAY YR 1962: TOTAL 243,321 MEAN 673 MAX 9,040 MIN 54 CFSM 2.78 IN 39.84

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	78	75	118	248	752	224	275	1,140	305	226	299	79
2	102	74	117	200	512	260	256	617	230	170	220	75
3	135	74	114	180	443	293	237	402	190	162	172	70
4	131	75	112	164	602	248	224	305	158	166	146	68
5	98	75	115	154	464	303	212	234	140	168	128	202
6	82	75	122	154	371	992	251	533	130	140	120	299
7	77	75	127	154	317	1,390	490	338	123	162	112	178
8	75	75	132	148	287	737	507	262	114	286	104	120
9	78	76	128	141	256	532	353	212	106	1,090	104	96
10	78	77	128	139	239	457	291	174	100	885	101	88
11	75	83	123	148	232	411	256	153	93	331	95	82
12	71	91	110	197	219	610	236	137	90	205	90	74
13	70	89	101	269	220	2,490	222	128	86	162	104	74
14	70	93	92	220	207	2,370	208	128	81	626	166	86
15	69	91	102	186	197	1,010	187	126	79	2,190	143	93
16	68	90	123	169	184	714	176	115	77	2,350	114	83
17	67	99	132	162	178	647	169	110	83	4,070	100	82
18	67	153	128	176	182	710	158	102	88	4,510	93	81
19	67	217	124	224	281	597	151	100	127	2,910	88	75
20	67	249	122	439	580	514	144	99	109	1,320	84	71
21	67	210	120	622	452	478	143	92	124	846	86	69
22	66	219	127	427	321	384	140	90	186	732	89	67
23	68	214	156	325	264	331	132	87	375	480	62	108
24	71	189	178	273	256	303	127	83	391	342	93	58
25	69	150	169	313	267	287	140	91	750	283	86	57
26	68	136	184	273	267	653	237	227	362	256	82	56
27	69	128	195	289	236	1,010	303	1,270	236	229	56	56
28	70	124	168	338	214	610	237	2,260	203	203	91	57
29	71	118	214	287	-----	441	406	1,380	356	207	88	62
30	71	118	382	342	-----	358	1,190	906	409	198	86	67
31	75	-----	382	690	-----	307	-----	469	-----	187	82	-----
TOTAL	2,390	3,612	4,645	8,051	9,000	20,671	8,058	12,370	5,901	26,092	3,570	2,687
MEAN	77.1	120	150	260	321	667	269	399	197	842	115	89.6
MAX	135	249	382	690	752	2,490	1,190	2,260	750	4,510	299	299
MIN	66	74	92	139	178	224	127	83	77	140	82	56
CFSM	.25	.39	.48	.84	1.04	2.16	.87	1.29	.64	2.72	.37	.29
IN.	.29	.43	.56	.97	1.08	2.42	.97	1.49	.71	3.14	.43	.32

CAL YR 1962: TOTAL 177,392 MEAN 486 MAX 7,370 MIN 59 CFSM 1.93 IN 21.88
 MAY YR 1963: TOTAL 107,047 MEAN 293 MAX 4,510 MIN 56 CFSM 1.93 IN 21.88

MOBILE RIVER BASIN

517

2-4430 Luxapallia Creek at Steens, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	68	60	432	246	510	487	422	1,270	158	429	168	102
2	65	70	256	285	480	804	414	1,060	160	349	212	93
3	63	84	214	305	413	2,800	392	2,110	154	202	149	87
4	60	91	215	418	373	2,810	452	1,760	143	286	123	82
5	56	89	187	662	366	2,390	749	1,060	134	177	116	80
6	53	93	163	672	409	2,680	2,710	799	124	135	292	78
7	51	114	150	717	482	1,540	5,350	646	120	113	245	76
8	50	130	153	838	406	1,670	3,290	560	123	105	173	74
9	49	112	158	1,300	351	1,510	1,990	500	123	134	137	72
10	49	96	169	2,800	319	1,700	1,170	459	117	163	122	70
11	48	91	392	1,480	303	1,840	874	439	110	141	119	68
12	47	86	2,000	913	283	1,100	1,040	422	106	181	122	66
13	46	82	2,300	744	305	1,854	3,660	402	202	1,180	134	64
14	46	80	1,100	610	485	1,070	6,880	374	173	760	126	61
15	46	79	955	490	712	5,760	6,840	332	129	359	112	59
16	47	80	682	436	833	8,110	3,490	284	112	241	161	58
17	47	81	471	402	900	4,480	1,480	255	102	221	583	58
18	47	83	366	283	757	1,940	993	232	96	182	523	67
19	47	86	331	355	1,120	1,240	813	212	92	146	274	89
20	47	89	295	342	898	1,110	705	194	87	130	168	117
21	47	89	267	327	700	1,030	614	179	83	135	154	106
22	47	92	267	303	580	833	557	175	93	346	135	92
23	47	112	382	283	504	716	539	190	120	396	124	82
24	47	146	542	454	452	640	947	173	132	449	122	77
25	48	176	443	2,360	490	604	1,780	173	103	354	206	72
26	51	136	362	3,360	662	672	1,860	188	110	354	177	69
27	53	115	329	1,680	627	890	4,830	177	102	216	149	67
28	54	144	305	1,060	532	666	7,030	172	89	156	184	83
29	53	382	269	734	524	573	6,200	162	85	135	151	130
30	53	869	246	582	-----	497	2,960	172	145	124	124	341
31	53	-----	229	527	-----	449	-----	163	-----	124	112	-----
TOTAL	1,585	4,037	14,650	26,065	15,776	53,465	71,038	15,294	3,627	8,423	5,717	2,640
MEAN	51.1	124	472	841	512	172	2,368	513	112	272	184	85.0
MAX	68	969	2,300	3,360	1,120	8,110	7,030	2,110	202	1,180	583	341
MIN	46	60	150	246	283	449	392	163	83	105	112	58
CFSM	.17	.44	1.53	2.72	1.76	5.58	7.66	1.60	.39	.88	.60	.28
IN.	.19	.49	1.76	3.14	1.90	6.43	8.55	1.84	.44	1.01	.69	.32

CAL YR 1963: TOTAL 116,672 MEAN 320 MAX 4,510 MIN 46 CFSM 1.03 IN 14.04
WAT YR 1964: TOTAL 222,317 MEAN 607 MAX 8,110 MIN 46 CFSM 1.97 IN 26.76

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	508	132	609	426	386	529	1,480	184	83	63	104	102
2	255	122	454	426	399	939	1,080	175	78	61	89	94
3	168	120	389	459	459	1,110	869	168	74	69	82	88
4	165	120	436	526	409	794	830	158	71	81	77	85
5	214	119	625	459	372	703	760	148	70	96	71	83
6	444	117	539	409	364	666	640	146	171	141	78	82
7	272	119	424	392	406	664	854	141	260	236	99	77
8	177	122	372	374	607	591	1,200	137	521	454	220	73
9	143	123	339	394	3,380	531	838	132	359	252	327	67
10	124	134	316	462	5,750	497	617	128	234	170	238	65
11	117	129	683	864	6,420	456	518	128	399	200	136	64
12	107	123	2,600	705	7,430	622	638	128	354	138	106	76
13	106	120	2,850	568	7,630	1,630	1,020	141	316	104	99	153
14	106	120	1,450	490	5,070	1,070	651	124	206	89	99	152
15	129	120	996	442	2,100	812	503	110	182	88	102	106
16	577	120	734	422	1,250	726	474	102	188	100	91	86
17	646	120	638	404	1,170	731	449	92	163	136	80	75
18	349	122	734	369	1,350	1,580	392	89	137	116	73	72
19	227	137	1,050	356	1,010	1,150	399	92	117	108	75	67
20	179	160	833	344	828	692	424	98	101	99	93	64
21	154	267	848	334	724	549	399	92	89	83	146	62
22	146	248	760	336	648	472	349	88	82	74	128	61
23	135	181	664	547	581	436	314	89	76	74	113	62
24	130	172	612	1,170	555	449	279	87	87	79	118	63
25	123	344	656	895	578	692	250	105	120	151	147	64
26	119	911	747	669	591	1,940	234	94	103	378	134	66
27	117	575	638	568	518	3,990	229	88	87	246	109	64
28	117	573	529	487	479	2,740	227	98	80	166	113	62
29	120	1,640	472	436	-----	1,610	214	141	74	143	144	60
30	132	1,080	444	424	-----	2,410	196	113	69	174	172	69
31	137	-----	426	402	-----	2,450	-----	93	-----	126	132	-----
TOTAL	6,443	8,490	23,867	15,559	51,464	34,231	17,327	3,709	4,951	4,497	3,795	2,364
MEAN	208	283	770	502	1,838	1,104	578	120	165	145	122	78.8
MAX	646	1,640	2,850	1,170	7,630	3,990	1,480	184	521	454	327	153
MIN	106	117	316	334	364	436	196	69	61	71	60	60
CFSM	.67	.92	2.49	1.62	5.95	3.57	1.87	.39	.53	.47	.40	.26
IN.	.78	1.02	2.87	1.87	6.19	4.12	2.09	.45	.60	.54	.46	.28

CAL YR 1964: TOTAL 240,845 MEAN 650 MAX 9,430 MIN 88 CFSM 2.47 IN 27.27
WAT YR 1965: TOTAL 176,697 MEAN 484 MAX 7,630 MIN 88 CFSM 1.97 IN 26.76

2-4440 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, 4 5 miles north of Pickensville and 4 5 miles upstream from mouth

Drainage area --131 sq mi

Records available --October 1954 to September 1965

Gage --Digital water-stage recorder Datum of gage is 148 50 ft above mean sea level, datum of 1929 Prior to Oct 6, 1964 graphic water-stage recorder at same site and datum

Average discharge --11 years, 160 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (700 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	1500	* 8,110	10 13	Feb 25, 1962	2100	1,040	6 82	Mar 4, 1964	0330	1,100	6 92
Mar 10, 1961	1400	947	6 63	Mar 12, 1962	2200	778	6 22	Mar 16, 1964	0830	* 2,930	8 53
Mar 20, 1961	2200	761	6 17	Apr 2, 1962	1800	826	6 35	Apr 7, 1964	1000	2,730	8 42
Apr 1, 1961	1100	3,410	8 76	Apr 8, 1962	1500	920	6 57	Apr 14, 1964	2400	1,800	7 78
July 15, 1961	0900	928	6 59	Apr 14, 1962	1030	924	6 58	Apr 29, 1964	0200	1,560	7 31
Dec 14, 1961	1100	1,670	7 66	Mar 15, 1963	1000	775	6 21	Feb 12, 1965	1300	* 2,210	8 10
Dec 19, 1961	0700	* 2,890	8 51	July 16, 1963	1300	* 2,960	8 27	Mar 28, 1965	1745	942	6 62
Jan 8, 1962	1500	830	6 36	Jan 26, 1964	1800	1,500	7 48	Apr 8, 1965	1530	1,220	7 11
Jan 29, 1962	1300	1,640	7 63								

Annual minimum discharge, water years 1961-65									
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height		
1961	Sept 28-30, 1961	14	0 85	1964	Oct 11, 21-23, 1963	12	b 0 70		
1962	Sept 4, 1962	8 8		1965	Sept 11, 29-30, 1965	16	73		
1963	June 17, 18, 1963	11	a 58						

a Occurred June 18, 1963
b Occurred Oct 11, 1963

1954-65 Maximum discharge, 8,110 cfs Feb 22, 1961 (gage height, 10 13 ft), minimum, 2 0 cfs Sept 25, 1955, Aug 12, 1956 (gage height, 0 42 ft)

Remarks --Records good

Revisions (water years) --WSP 1704 1958

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	30	100	50	141	84	580	2,850	311	32	48	36	23
2	27	110	49	164	81	488	1,670	210	30	41	34	21
3	24	100	44	159	93	419	1,010	185	28	36	32	34
4	22	64	43	142	103	366	768	174	26	37	28	80
5	22	49	42	100	97	314	609	141	26	38	26	113
6	25	43	42	84	84	282	519	114	35	34	25	61
7	42	40	43	77	84	353	438	100	42	37	24	35
8	58	40	44	71	97	419	386	91	42	49	26	38
9	59	40	49	67	99	496	415	105	40	70	25	38
10	53	60	51	62	93	853	418	151	40	60	28	30
11	40	97	53	59	81	747	450	176	46	62	40	28
12	34	103	61	58	75	558	602	199	78	399	33	26
13	32	84	72	58	71	491	607	175	49	459	27	75
14	30	64	67	61	68	443	583	112	54	711	23	24
15	30	56	55	73	66	412	539	91	92	880	23	23
16	55	52	53	80	64	412	467	79	73	708	30	22
17	53	52	53	76	64	409	393	68	61	472	36	21
18	50	53	52	66	96	627	317	61	54	326	78	20
19	42	53	48	67	198	626	249	56	47	186	55	19
20	34	50	51	104	502	718	207	53	132	119	36	18
21	32	47	88	124	2,140	714	179	50	273	95	28	17
22	40	46	118	119	6,710	605	164	47	235	85	25	17
23	45	47	117	89	5,920	494	148	46	192	76	24	17
24	40	57	98	76	2,750	419	137	45	149	84	26	17
25	35	80	73	74	1,360	375	125	53	119	134	29	17
26	30	80	69	96	993	318	162	53	123	133	40	17
27	25	61	64	146	817	253	310	46	130	83	38	15
28	25	56	63	156	684	440	352	43	103	62	30	14
29	25	53	60	142	-----	602	389	40	76	51	26	14
30	30	51	64	107	-----	897	372	38	56	44	34	14
31	50	-----	84	90	-----	1,890	-----	35	-----	40	28	-----
TOTAL	1,139	1,890	1,922	2,988	23,574	17,022	15,835	3,148	2,483	5,619	993	898
MEAN	36.7	63.0	62.0	96.4	842	549	528	102	82.8	181	32.0	28.6
MAX	59	110	118	164	6,710	1,890	2,850	311	273	880	78	113
MIN	22	40	42	58	64	253	125	35	26	34	23	14
CFSM	.28	.48	.47	.74	6.43	4.19	4.03	.78	.63	1.38	.24	.22
IN.	.32	.54	.55	.85	6.69	4.83	4.50	.89	.70	1.60	.28	.24

CAL YR 1961: TOTAL 33,922 MEAN 112 MAX 2,918 MIN 11 CFSM 1.62 IN 27.32

2-4440 Coal Fire Creek near Pickensville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	13	19	59	292	650	629	394	234	45	30	28	10
2	14	19	56	286	513	576	678	195	48	26	33	9.9
3	14	23	55	293	435	500	708	149	44	23	32	9.3
4	15	28	55	282	380	438	537	127	42	22	32	9.0
5	19	43	58	313	330	391	423	107	35	22	32	9.6
6	19	52	74	483	278	330	511	97	32	21	40	9.6
7	18	43	116	744	244	286	616	90	31	19	30	20
8	16	36	130	815	220	254	863	80	33	22	25	22
9	16	30	129	740	205	303	761	73	43	32	22	17
10	15	28	201	581	200	358	559	66	34	23	19	16
11	16	26	294	420	198	533	437	64	50	20	16	18
12	15	29	597	330	184	727	579	58	60	18	14	18
13	15	31	929	270	167	721	721	53	44	17	13	15
14	14	52	1,560	242	153	875	875	49	40	30	12	14
15	13	89	1,190	354	148	471	708	46	40	34	12	14
16	12	115	871	393	204	378	529	43	34	25	12	14
17	12	127	1,110	460	261	304	418	40	30	57	12	15
18	115	2,170	344	485	364	254	335	30	26	49	12	15
19	12	96	2,570	559	409	223	272	36	24	24	11	14
20	12	64	1,530	527	378	205	232	34	25	19	11	14
21	12	53	975	496	313	210	205	32	27	17	10	11
22	13	49	702	493	723	181	32	27	17	12	11	17
23	15	93	542	574	731	250	160	30	25	14	19	9.0
24	15	155	437	644	985	256	149	30	22	13	28	9.0
25	16	182	364	705	1,000	254	141	28	21	15	20	9.3
26	16	192	286	761	915	249	140	27	24	22	16	9.3
27	16	189	258	1,070	751	253	132	27	33	40	14	9.6
28	16	108	263	1,230	684	256	172	26	38	43	14	10
29	20	78	261	1,580	-----	238	220	24	63	29	13	12
30	19	66	256	1,290	-----	199	241	27	40	25	13	12
31	18	-----	255	875	-----	318	-----	34	-----	32	11	-----
TOTAL	468	2,230	18,353	18,553	11,773	11,184	12,897	1,997	1,080	798	588	384.6
MEAN	15.1	74.3	592	598	420	361	430	64.4	36.0	25.7	19.0	12.8
MAX	20	192	2,570	1,580	1,000	727	875	234	63	57	40	22
MIN	12	19	55	242	148	199	132	24	21	13	10	9.0
CFSM	.12	.57	4.52	4.57	3.21	2.75	3.28	.49	.21	.20	.14	.10
IN.	.13	.63	5.21	5.27	3.34	3.18	3.66	.57	.31	.23	.17	.11

CAL YR 1961 TOTAL 93,571 MEAN 256 MAX 6,710 MIN 12 CFSM 1.96 IN 26.56
WAT YR 1962: TOTAL 80,305.6 MEAN 220 MAX 2,570 MIN 9.0 CFSM 1.68 IN 22.80

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	13	19	34	97	208	75	106	141	143	102	127	23
2	17	19	34	65	214	96	92	127	62	72	92	22
3	17	19	33	52	210	108	83	100	43	76	80	20
4	34	19	32	47	193	96	76	69	34	154	61	18
5	28	19	32	44	176	98	71	55	28	122	51	35
6	21	19	34	43	146	173	84	50	26	66	44	98
7	17	19	39	43	107	218	140	46	24	52	38	88
8	17	20	41	43	181	231	181	47	21	80	36	52
9	16	21	38	43	84	230	190	42	20	86	32	34
10	19	23	38	40	85	180	168	35	18	116	30	27
11	20	25	38	42	80	129	111	30	16	141	28	24
12	19	27	35	54	80	240	91	28	15	88	32	22
13	17	28	34	80	77	348	80	26	14	49	34	20
14	16	29	32	89	73	442	70	26	13	275	51	19
15	16	31	31	72	66	711	62	32	13	415	103	20
16	15	28	32	56	61	614	57	30	12	2,100	118	21
17	15	30	36	50	57	483	53	25	11	2,270	68	20
18	14	37	40	52	57	348	51	23	18	1,780	42	20
19	15	58	40	72	84	265	48	21	203	1,490	34	19
20	14	69	38	134	133	247	46	19	76	1,140	32	18
21	15	64	36	166	142	224	44	18	62	721	30	17
22	15	61	36	168	125	169	43	17	101	488	28	15
23	15	61	40	158	88	132	41	16	101	360	28	14
24	17	49	48	109	81	109	38	15	218	211	28	14
25	18	40	49	86	91	102	38	19	266	144	25	14
26	17	36	56	71	95	105	66	51	205	194	25	13
27	16	35	59	77	84	155	110	107	170	190	25	13
28	16	36	52	82	73	211	124	190	161	112	27	13
29	17	34	58	74	-----	238	113	225	170	103	28	17
30	19	34	92	91	-----	217	136	244	134	116	25	23
31	20	-----	101	176	-----	132	-----	255	-----	111	25	-----
TOTAL	553	1,009	1,338	2,476	3,060	7,126	2,613	2,128	2,398	13,484	1,427	773
MEAN	17.8	33.6	43.2	79.9	109	230	87.1	68.6	79.9	435	46.0	25.8
MAX	34	69	101	176	214	711	190	255	266	2,270	127	98
MIN	13	19	31	40	57	75	38	15	11	49	25	13
CFSM	.14	.26	.33	.61	.83	1.75	.66	.52	.61	3.32	.35	.20
IN.	.16	.29	.38	.70	.87	2.02	.74	.60	.68	3.83	.41	.22

CAL YR 1962: TOTAL 62,154.6 MEAN 170 MAX 1,580 MIN 9.0 CFSM 1.30 IN 17.65
WAT YR 1963: TOTAL 38,385 MEAN 105 MAX 2,270 MIN 11 CFSM .80 IN 10.90

2-4440 Coal Fire Creek near Pickensville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	22	15	140	79	259	179	178	586	48	103	34	28
2	20	15	180	90	217	464	164	519	50	120	90	27
3	18	21	160	124	187	863	195	496	50	128	84	26
4	17	27	120	169	160	1,010	177	466	46	118	99	25
5	16	25	80	184	147	1,060	276	420	40	92	49	24
6	15	22	62	199	153	960	1,630	372	38	66	69	23
7	24	24	53	213	160	870	2,410	313	37	52	90	24
8	14	28	48	350	154	789	1,480	219	37	46	68	24
9	13	24	60	459	141	672	906	167	36	47	42	23
10	13	21	84	840	120	602	622	144	36	59	36	22
11	13	19	112	770	112	542	521	132	32	61	34	22
12	13	18	200	600	408	507	488	128	32	106	32	21
13	13	19	330	500	108	440	756	123	43	125	32	21
14	13	19	460	310	141	849	1,480	120	38	151	36	20
15	13	19	430	270	181	1,490	1,560	107	34	155	34	21
16	13	19	300	220	216	2,660	1,030	92	30	94	129	19
17	13	20	220	180	232	1,640	740	80	28	59	200	19
18	13	21	180	160	266	1,000	570	71	27	51	194	21
19	13	21	140	140	285	740	457	64	28	47	190	26
20	13	21	110	130	299	634	383	59	27	42	142	39
21	12	21	89	112	294	552	318	55	26	38	64	44
22	12	22	93	102	268	488	264	52	26	47	49	35
23	12	27	105	95	204	440	230	49	26	58	44	28
24	14	40	120	258	160	396	206	47	31	76	59	25
25	13	53	115	698	178	347	237	47	38	98	48	24
26	14	49	98	1,300	222	346	326	48	48	64	69	23
27	14	33	92	1,140	236	332	792	50	70	58	51	22
28	15	29	83	850	236	336	1,160	46	48	44	40	22
29	15	82	76	609	218	301	1,230	45	39	37	36	25
30	14	100	71	450	-----	255	826	52	43	34	32	32
31	14	-----	74	350	-----	207	-----	52	-----	34	30	-----
TOTAL	441	874	4,485	11,953	5,660	21,971	21,603	5,221	1,132	2,310	2,126	755
MEAN	14.2	29.1	145	386	195	709	720	168	37.7	74.5	68.6	25.2
MAX	22	100	460	1,300	299	2,660	2,410	586	70	155	200	44
MIN	18	21	48	104	108	179	159	44	26	28	32	22
CFSM	.11	.22	1.10	2.94	1.49	5.41	5.50	1.29	.29	.57	.32	.19
IN.	.13	.25	1.27	3.39	1.61	6.24	6.13	1.48	.32	.66	.60	.21

CAL YR 1963: TOTAL 91,287 MEAN 113 MAX 2,270 MIN 12 CFSM 1.84 IN 11.73
 MAY YR 1964: TOTAL 78,531 MEAN 113 MAX 2,660 MIN 12 CFSM 1.84 IN 11.73

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	48	44	286	120	107	194	743	69	23	23	25	40
2	55	40	264	111	109	253	627	64	21	20	23	29
3	50	39	176	121	113	279	508	60	20	22	22	28
4	48	37	143	119	106	307	421	56	19	32	20	24
5	50	36	187	122	95	320	352	53	18	27	19	24
6	73	36	183	108	94	311	309	50	20	44	18	23
7	78	37	159	96	110	262	621	47	23	106	30	24
8	51	39	115	92	151	228	1,110	27	16	41	45	19
9	36	41	92	92	794	203	1,000	41	55	198	62	20
10	32	45	83	185	1,330	176	744	39	55	204	73	18
11	29	45	207	243	1,480	157	566	37	36	86	60	17
12	28	41	361	252	1,980	205	437	37	47	53	45	26
13	27	40	459	240	1,690	251	341	38	78	41	51	33
14	28	39	545	195	1,350	284	304	43	75	34	45	50
15	42	39	543	137	928	317	319	37	65	33	33	38
16	101	40	474	118	679	331	318	33	61	33	29	27
17	120	40	346	106	591	302	270	30	47	34	21	23
18	134	40	263	98	519	260	232	29	46	29	20	21
19	94	43	265	92	475	248	215	27	37	27	19	19
20	50	61	289	90	435	242	183	27	31	25	19	19
21	41	88	291	88	394	216	164	27	26	23	23	19
22	37	87	284	88	337	169	145	27	23	21	32	20
23	34	67	247	189	266	150	125	27	22	20	38	19
24	33	60	202	272	223	186	111	26	21	19	31	20
25	32	132	167	302	211	265	100	25	20	20	27	19
26	32	182	148	317	206	512	93	23	24	23	31	19
27	31	185	139	306	198	708	90	25	35	28	28	18
28	33	235	125	221	180	885	90	26	27	26	24	18
29	36	264	110	143	-----	884	85	30	23	25	22	17
30	42	282	117	124	-----	846	75	32	22	27	34	17
31	49	-----	136	114	-----	767	-----	27	-----	26	48	-----
TOTAL	1,574	2,404	7,406	4,901	15,151	10,718	10,698	1,156	1,047	1,496	1,017	708
MEAN	50.8	80.1	239	158	541	346	337	37.3	34.9	48.3	32.8	25.6
MAX	134	282	545	317	1,980	885	1,110	69	78	204	73	50
MIN	27	36	83	88	94	150	75	23	18	19	18	17
CFSM	.39	.61	1.82	1.21	4.13	2.64	2.72	.28	.27	.37	.25	.16
IN.	.45	.68	2.10	1.39	4.30	3.04	3.04	.33	.30	.42	.29	.20

CAL YR 1964: TOTAL 84,113 MEAN 230 MAX 2,660 MIN 19 CFSM 1.73 IN 12.88
 MAY YR 1965: TOTAL 58,276 MEAN 160 MAX 1,980 MIN 17 CFSM 1.22 IN 12.88

2-4445 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 at bridge on State Highway 17, 200 ft upstream from Alabama, Tennessee and Northern Railroad bridge 1 2 miles northeast of Cochrane, 2 2 miles downstream from Boguechitto Creek, and 7 miles southwest of Aliceville

Drainage area --5,990 sq mi, approximately

Records available --October 1938 to September 1965 Monthly discharge only for period October to December 1938, published in WSP 1304 Gage-height records collected at same site November 1909 to September 1924 are contained in reports of the U S Weather Bureau

Gage --Water-stage recorder Datum of gage is 89 85 ft above mean sea level, datum of 1929, supplementary adjustment of 1946 Prior to July 10, 1939, staff gage at site 200 ft downstream at same datum Auxiliary water-stage recorder at Vienna Ferry, 12 miles downstream from base gage, Jan 30, 1940, to Oct 16, 1958, staff gage at same site

Average discharge --27 years, 8,282 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 27, 1961	59,800	41.72	Aug 15, 1961	940	3.90
1962	Dec 22, 1961	122,000	45.78	Sept 3, 1962	585	a 3.47
1963	July 20, 1963	39,000	29.87	Sept 29, 1963	644	3.52
1964	Apr 18, 1964	50,600	b 38.14	Oct 21, 22, 1963	475	3.29
1965	Feb 17, 1965	60,900	c 39.58	Aug 6, 1965	752	3.82

a Occurred Oct 25, 1961

b Occurred Apr 19, 1964

c Occurred Feb 18, 1965

1939-65 Maximum discharge, 163,000 cfs Jan 9, 1949, maximum gage height, 46.9 ft Jan 9, 1949, minimum discharge, 165 cfs Sept 21, 1954 (gage height, 2.34 ft)

Maximum stage known, 50.2 ft in April 1892, present datum, from reports of U S Weather Bureau

Remarks --Records good except those for water years 1964-65, which are fair

Cooperation --Gage-height record and 49 discharge measurements furnished by the Corps of Engineers

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,960	2,220	3,080	10,400	3,250	52,300	39,600	7,350	2,340	2,190	1,400	1,490
2	1,710	4,560	3,110	12,500	3,130	45,700	42,000	6,000	2,280	2,000	1,500	1,360
3	1,530	4,210	2,930	13,500	3,140	39,900	43,000	6,260	2,270	1,900	1,400	1,410
4	1,350	3,880	2,690	14,300	3,830	35,100	44,000	5,910	2,260	2,000	1,290	1,530
5	1,220	3,490	2,480	14,600	4,970	30,500	45,000	5,140	2,250	1,900	1,180	1,790
6	1,150	3,000	2,330	13,400	4,730	25,900	46,000	4,470	2,240	1,700	1,130	2,170
7	1,280	2,670	2,240	11,200	4,250	21,400	42,000	4,120	2,240	2,000	1,050	1,900
8	1,900	2,390	2,180	9,640	4,370	19,700	38,000	5,290	2,600	2,540	1,000	1,810
9	2,680	2,030	2,140	7,730	7,880	22,900	34,000	6,230	2,840	3,890	1,010	2,010
10	4,260	1,860	2,130	6,010	9,570	25,400	30,000	7,660	3,020	3,920	1,690	1,810
11	4,490	2,720	2,160	5,110	8,430	26,200	27,000	7,620	2,750	2,980	1,590	1,680
12	3,460	5,070	2,200	4,440	6,770	25,900	25,000	6,370	2,900	9,180	1,490	1,470
13	2,850	4,600	3,380	3,860	5,800	24,800	22,000	5,840	2,870	13,000	1,260	1,310
14	2,440	4,180	3,950	3,470	5,340	25,000	20,000	5,090	2,820	11,900	1,090	1,230
15	2,150	3,670	3,270	3,320	5,150	26,000	21,000	4,300	2,770	11,300	982	1,150
16	1,760	3,120	3,090	3,550	4,940	26,300	21,000	4,770	2,460	10,100	946	1,180
17	1,520	2,720	2,810	4,180	4,610	24,100	20,000	8,240	2,350	9,910	3,670	1,290
18	1,470	2,760	2,740	4,170	4,720	27,700	17,800	8,550	2,240	7,770	7,420	1,180
19	1,530	3,240	2,590	3,860	9,070	24,800	13,900	6,650	2,240	6,030	9,180	1,080
20	1,450	2,950	2,450	4,040	18,100	25,800	11,100	4,810	2,300	4,780	8,520	1,050
21	1,320	2,770	2,480	6,580	29,300	26,000	9,000	3,800	5,870	3,610	5,080	1,030
22	1,830	2,550	3,560	6,850	41,400	25,000	7,670	3,220	9,540	2,910	3,150	1,020
23	2,210	2,430	4,930	5,780	41,700	24,000	6,700	2,680	7,600	2,670	2,320	1,010
24	2,270	3,400	4,900	4,850	43,300	23,000	6,020	2,700	5,610	2,920	1,860	1,010
25	1,870	5,340	4,020	4,240	47,500	22,000	5,490	2,850	4,490	2,510	1,700	1,010
26	1,670	5,100	3,490	4,210	54,600	20,000	5,230	2,820	4,060	3,270	1,870	1,000
27	1,530	4,740	3,180	4,840	59,300	17,000	6,500	2,680	3,670	3,420	2,790	1,000
28	1,390	4,040	3,030	4,860	57,000	18,000	10,200	2,680	2,840	2,890	3,080	1,000
29	1,250	3,460	2,850	4,420	-----	22,000	10,300	2,850	2,420	2,240	2,430	1,000
30	1,200	3,040	2,780	3,980	-----	27,000	9,340	2,800	2,280	2,000	1,930	1,000
31	1,370	-----	5,910	3,570	-----	33,900	-----	2,470	-----	1,700	1,660	-----
TOTAL	60,070	102,210	94,970	207,460	496,150	837,300	678,850	152,470	98,420	141,130	76,468	39,980
MEAN	1,938	3,407	3,064	6,682	16,005	27,010	22,450	4,917	3,281	4,553	2,467	1,337
MAX	4,490	5,340	5,910	14,600	59,300	52,300	46,000	8,550	9,540	13,000	9,180	2,170
MIN	1,150	1,860	2,130	3,320	3,130	17,000	5,230	2,470	2,240	1,700	946	1,000
CFSM	.32	.57	.51	1.12	2.96	4.51	3.78	.82	.55	.76	.41	.22
IN.	.37	.63	.59	1.29	3.08	5.20	4.21	.95	.61	.88	.47	.25

CAL YR 1960: TOTAL 2,860,483 MEAN 7,816 MAX 44,200 MIN 540 CFSM 1.30 IN 17.76

WAT YR 1961: TOTAL 2,985,428 MEAN 8,179 MAX 59,300 MIN 946 CFSM 1.37 IN 18.54

2-4445 Tombigbee River near Cochrane, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,000	699	11,800	20,200	46,400	41,300	19,900	10,100	4,000	3,440	1,580	644
2	1,000	699	7,640	18,000	48,400	43,000	21,000	8,840	7,600	3,150	1,630	620
3	994	754	6,040	17,000	47,700	44,800	20,500	7,850	7,200	2,530	1,710	595
4	1,290	868	5,100	16,700	45,000	45,300	17,000	6,670	6,400	2,200	1,710	620
5	1,710	1,110	4,610	16,000	41,200	45,600	13,600	5,650	5,200	2,000	1,690	746
6	1,970	1,800	4,450	22,600	36,200	45,000	17,300	5,040	5,000	1,900	1,890	692
7	1,870	2,240	7,190	26,300	30,700	42,400	24,400	4,540	5,300	1,800	1,930	692
8	1,550	2,430	8,310	28,600	23,400	39,200	26,900	4,150	4,500	3,380	1,850	692
9	1,370	1,960	7,400	30,000	14,600	33,400	27,800	3,850	3,500	3,780	1,610	674
10	1,860	1,670	10,700	31,400	9,470	29,300	27,400	3,610	3,000	2,440	1,360	644
11	1,440	1,490	17,800	32,900	8,770	28,900	25,500	3,350	2,700	1,900	1,190	716
12	1,060	1,340	25,900	34,000	8,010	29,700	24,900	3,230	2,740	1,450	1,030	746
13	950	1,340	31,800	33,600	7,250	30,900	25,000	3,030	2,860	1,260	980	824
14	890	6,000	36,800	31,200	6,820	31,800	28,100	2,860	3,470	1,160	920	842
15	840	15,000	42,600	28,600	6,450	31,200	33,500	2,700	4,020	1,140	824	758
16	800	18,000	46,400	27,900	9,130	29,600	41,600	2,540	3,380	1,240	782	716
17	770	20,000	51,000	26,900	11,800	25,800	49,500	2,410	2,850	1,410	740	770
18	748	22,000	58,700	26,800	10,500	19,900	55,100	2,270	2,350	1,490	710	938
19	726	21,000	67,100	27,400	9,680	14,200	59,500	2,160	2,000	1,180	686	1,260
20	710	18,000	99,900	28,000	12,100	10,400	58,000	2,000	1,900	1,040	662	1,430
21	699	13,000	119,000	27,500	13,800	9,220	50,900	1,800	1,900	950	638	1,290
22	699	7,500	119,000	25,400	20,200	9,400	42,500	1,700	2,100	908	620	1,080
23	699	8,300	108,000	23,700	24,800	9,940	33,200	1,600	2,500	830	620	884
24	699	17,000	99,900	25,900	28,500	9,300	24,800	1,500	2,380	800	632	770
25	699	20,000	81,800	26,200	31,000	8,720	15,700	1,400	2,200	866	734	692
26	704	22,000	70,500	26,500	32,200	10,500	8,960	1,300	2,160	902	758	644
27	710	22,000	58,800	28,400	34,300	13,900	7,440	1,300	4,960	980	698	632
28	710	22,300	47,000	32,900	38,100	14,900	8,380	1,200	6,490	1,630	704	674
29	710	21,900	39,000	37,300	-----	13,100	10,400	1,200	4,450	2,030	758	806
30	716	18,400	31,600	40,200	-----	10,300	10,100	1,100	3,540	1,730	740	968
31	710	-----	24,900	44,200	-----	12,900	-----	1,100	-----	1,500	680	-----
TOTAL	31,303	310,800	1,346,58	862,500	654,480	783,880	828,880	102,050	112,650	53,016	33,066	24,059
MEAN	1,010	10,360	43,440	27,820	23,450	25,290	27,630	3,292	3,755	1,710	1,087	802
MAX	1,970	22,300	119,000	44,200	46,400	49,500	59,500	10,100	7,600	3,780	1,930	1,430
MIN	699	699	4,410	16,000	6,450	8,720	7,440	1,100	1,900	800	620	595
CF5M	.17	1.73	7.25	4.64	3.91	4.22	4.61	.55	.63	.29	.18	.13
IN.	.19	1.93	8.36	5.35	4.08	4.87	5.15	.63	.70	.33	.21	.15
CAL YR 1961: TOTAL	4,416,821	MEAN 12,100	MAX 119,000	MIN 699	CF5M 2.02	IN 27.42						
WAT YR 1962: TOTAL	5,145,224	MEAN 14,100	MAX 119,000	MIN 595	CF5M 2.35	IN 31.96						

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,010	734	1,250	3,370	7,610	3,210	4,160	14,600	22,300	6,640	5,510	1,410
2	1,030	740	1,230	3,260	7,100	3,150	3,820	16,500	22,000	6,060	6,290	1,990
3	1,020	746	1,210	2,800	6,670	3,780	3,530	17,900	18,200	4,960	5,120	1,380
4	1,060	764	1,190	2,430	6,710	4,480	3,420	19,400	14,900	6,360	3,880	1,220
5	1,170	758	1,180	2,170	6,870	4,320	3,210	20,200	11,400	6,270	3,440	1,080
6	1,280	752	1,170	1,970	5,860	7,550	3,130	17,500	7,020	4,990	3,120	2,190
7	1,150	764	1,170	1,840	5,080	13,900	3,310	12,900	4,130	3,930	2,680	3,980
8	1,040	764	1,230	1,770	4,410	15,400	4,260	9,860	3,270	3,070	2,230	2,780
9	920	770	1,280	1,730	3,920	16,200	5,380	7,880	2,770	3,070	2,050	2,000
10	848	764	1,290	1,690	3,490	16,900	4,960	6,650	2,440	4,590	1,890	1,520
11	800	758	1,280	1,670	3,290	16,100	4,410	5,860	2,180	4,050	1,790	1,260
12	782	770	1,230	1,700	3,060	16,800	3,970	4,550	1,970	2,970	1,730	1,120
13	830	746	1,160	1,750	3,660	17,900	3,530	3,540	1,800	2,360	1,770	1,060
14	860	836	1,110	1,990	4,380	17,800	3,240	3,330	1,660	5,640	1,730	1,020
15	830	926	1,060	2,250	3,750	21,100	2,930	3,180	1,550	17,800	1,930	1,070
16	818	1,020	1,020	2,220	3,400	23,800	2,670	2,970	1,440	26,100	1,890	1,080
17	800	1,110	1,010	2,120	3,210	26,500	2,490	2,750	1,380	33,800	1,760	986
18	770	1,170	1,050	2,100	3,010	28,900	2,350	2,600	1,440	36,900	1,740	932
19	758	1,150	1,190	2,080	3,210	30,800	2,230	2,470	2,870	38,600	1,530	920
20	764	1,380	1,240	2,640	4,630	30,800	2,130	2,230	2,960	38,900	1,330	896
21	764	1,900	1,270	3,050	7,380	29,100	2,030	2,030	4,320	37,800	1,390	878
22	758	2,110	1,280	3,340	6,820	24,400	1,950	1,880	7,130	35,300	1,600	830
23	740	2,100	1,310	3,400	5,590	17,000	1,920	1,700	9,800	31,300	1,700	788
24	722	2,000	1,610	3,340	4,610	8,720	1,880	1,570	10,300	25,100	1,780	746
25	740	1,890	2,010	3,350	4,160	5,840	1,850	1,490	9,840	14,200	1,680	710
26	800	1,740	2,240	3,330	3,930	5,100	1,870	1,600	10,400	7,620	1,450	692
27	800	1,520	2,330	3,230	3,660	5,980	2,410	5,840	11,000	7,290	1,260	680
28	770	1,420	2,520	3,150	3,440	6,560	3,310	12,900	11,100	7,510	1,170	680
29	740	1,340	2,620	3,340	-----	6,180	4,160	16,500	10,100	6,250	1,130	656
30	734	1,280	2,610	3,900	-----	5,470	9,660	17,900	8,310	5,770	1,140	674
31	734	-----	3,040	5,910	-----	4,750	-----	20,900	-----	5,150	1,190	-----
TOTAL	26,842	34,722	46,390	82,800	132,910	438,490	100,190	260,780	218,980	439,250	68,850	36,728
MEAN	866	1,157	1,496	2,671	4,747	14,140	3,340	8,412	7,299	14,170	2,221	1,224
MAX	1,280	2,110	2,610	5,910	7,610	30,800	9,660	20,900	22,300	38,900	6,290	3,980
MIN	722	734	1,010	1,670	3,010	3,150	1,850	1,380	1,380	2,360	1,370	656
CF5M	.14	.19	.25	.45	.79	2.36	.56	1.40	1.22	2.37	.37	.20
IN.	.17	.22	.29	.51	.83	2.72	.62	1.62	1.36	2.73	.43	.23
CAL YR 1962: TOTAL	3,564,535	MEAN 9,766	MAX 59,500	MIN 595	CF5M 1.63	IN 27.13						
WAT YR 1963: TOTAL	1,886,932	MEAN 5,170	MAX 38,900	MIN 656	CF5M .88	IN 11.12						

2-4445 Tombigbee River near Cochrane, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	650	535	3,350	3,250	14,400	9,960	17,200	45,600	2,290	1,770	1,440	1,040
2	588	530	3,170	3,360	7,650	14,400	15,300	42,900	2,190	2,200	1,650	932
3	698	525	2,760	3,070	6,990	24,800	12,500	40,000	2,370	2,380	1,850	896
4	692	565	2,330	4,340	6,720	26,400	9,900	38,000	2,970	2,950	1,890	842
5	668	656	2,020	6,600	5,720	29,500	10,500	35,500	2,790	3,030	1,490	788
6	638	764	1,810	6,530	5,500	31,400	26,300	33,800	2,260	2,390	1,240	734
7	620	530	1,650	7,330	7,650	33,000	33,600	32,000	2,000	1,850	1,270	680
8	595	1,320	1,540	10,700	9,990	34,100	36,700	28,300	1,830	1,630	1,500	710
9	570	1,400	1,450	16,400	8,570	33,600	37,300	24,000	1,750	1,600	1,470	760
10	570	1,360	1,450	21,900	7,180	33,600	38,900	18,000	1,710	1,610	1,320	800
11	570	1,180	1,730	23,000	5,870	33,600	40,300	13,000	1,610	2,110	1,170	840
12	550	980	9,790	23,600	5,180	32,700	40,400	8,500	1,500	2,040	1,110	880
13	535	854	18,000	23,700	4,710	31,600	42,300	6,960	1,690	3,860	1,050	920
14	530	788	20,200	23,100	5,790	29,700	44,300	6,440	2,160	8,180	1,050	1,000
15	525	734	21,300	21,300	9,800	34,400	45,800	6,070	1,870	8,790	1,090	1,200
16	515	704	21,700	17,000	13,500	38,800	47,200	5,460	1,610	6,820	2,510	1,300
17	505	680	19,600	12,000	16,000	41,100	49,500	4,760	1,390	4,620	3,390	1,400
18	505	680	12,800	8,170	19,200	40,500	49,900	4,220	1,260	3,310	5,050	1,400
19	500	686	6,600	6,700	22,200	39,800	48,100	3,820	1,170	3,050	5,010	1,500
20	490	674	5,450	6,500	23,900	40,000	45,700	3,500	1,120	2,540	3,710	1,500
21	480	740	4,570	5,730	24,500	41,300	43,000	3,230	1,100	2,020	2,570	1,500
22	480	764	3,810	5,690	23,700	42,000	40,000	3,000	1,040	1,730	1,930	1,600
23	510	884	3,670	5,200	20,000	41,200	35,000	2,810	1,060	1,690	1,580	1,600
24	525	974	4,750	6,350	14,700	39,600	30,000	2,710	1,190	2,260	1,360	1,600
25	525	1,260	4,710	19,800	10,900	35,400	25,000	2,650	1,210	2,880	1,290	1,600
26	525	1,680	4,320	23,800	10,100	28,600	26,000	2,620	1,280	2,840	1,290	1,600
27	530	1,730	4,090	26,500	9,270	22,900	31,000	2,540	1,250	2,450	1,370	1,600
28	520	1,560	4,070	27,400	8,120	18,300	39,000	2,500	1,220	2,100	1,260	1,600
29	515	1,670	4,160	27,000	8,010	17,300	43,000	2,480	1,100	1,820	1,210	1,700
30	505	2,720	3,860	25,900	-----	17,800	45,900	2,380	1,100	1,610	1,210	2,000
31	505	-----	3,520	22,400	-----	18,500	-----	2,270	-----	1,450	1,150	-----
TOTAL MEAN	17,232	30,547	204,230	444,020	336,720	955,860	1,049,640	431,020	49,090	89,670	56,480	36,522
MAX	698	2,720	21,700	27,400	24,500	42,000	49,900	45,600	2,970	8,790	5,050	2,000
MIN	480	525	1,450	3,060	4,710	9,960	9,900	2,270	1,040	1,450	1,050	680
CF5M	.09	.17	1.10	2.39	1.94	5.15	5.84	2.32	.27	.48	.30	.20
IN.	.11	.19	1.27	2.76	2.09	5.93	6.52	2.68	.30	.56	.35	.23

CAL YR 1963: TOTAL 2,030,987 MEAN 5,964 MAX 38,900 MIN 480 CFSM .93 IN 12.61
 WAT YR 1964: TOTAL 3,700,991 MEAN 10,110 MAX 49,900 MIN 480 CFSM 1.69 IN 22.98

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,600	1,580	13,200	10,100	4,200	16,900	35,900	3,740	1,880	1,090	1,460	2,680
2	3,100	1,650	10,800	7,770	4,020	18,200	36,700	3,340	1,650	962	1,190	2,070
3	2,800	1,500	8,680	7,380	4,080	19,500	38,000	3,120	1,490	920	1,020	1,670
4	2,600	1,360	7,360	8,310	4,500	20,600	37,600	2,970	1,370	912	914	1,420
5	3,200	1,270	8,060	9,370	4,460	22,200	35,900	2,760	1,280	1,200	830	1,370
6	4,600	1,200	6,990	7,900	4,140	23,100	33,400	2,580	1,220	1,120	788	1,240
7	5,600	1,170	6,110	7,130	4,140	22,300	30,200	2,430	1,450	2,440	872	1,080
8	5,800	1,180	5,140	6,360	4,460	17,600	34,500	2,290	1,810	3,380	1,120	992
9	5,720	1,160	4,940	5,830	16,700	13,500	35,700	2,170	2,280	3,860	2,080	938
10	3,260	1,160	3,950	7,740	29,900	11,000	33,800	2,040	2,410	2,760	3,550	884
11	2,140	1,200	7,140	11,400	35,000	9,030	30,000	1,940	2,330	2,330	4,320	860
12	1,740	1,230	17,600	13,100	43,200	9,980	23,800	1,860	2,740	2,220	3,350	998
13	1,520	1,240	20,600	12,600	48,900	16,300	18,900	1,900	2,570	1,650	2,330	1,700
14	1,380	1,220	21,500	10,100	51,200	18,600	15,800	2,100	2,330	1,370	1,690	3,770
15	1,380	1,180	22,400	8,520	54,100	19,400	12,400	1,930	2,620	1,230	1,440	3,600
16	1,360	1,160	21,900	7,560	56,900	18,700	9,080	1,760	2,380	1,230	1,260	2,720
17	1,550	1,170	19,500	6,910	60,400	16,400	7,300	1,630	2,330	1,220	1,120	1,900
18	2,170	1,160	15,300	6,350	59,600	15,500	6,920	1,530	2,330	1,070	998	1,450
19	2,270	1,190	14,000	5,790	57,300	16,700	6,280	1,640	2,010	1,030	926	1,220
20	2,020	1,260	13,600	5,150	51,700	18,000	5,880	1,940	1,800	992	860	1,060
21	1,700	1,610	12,700	4,540	43,600	17,100	5,930	2,570	1,620	974	902	968
22	1,450	1,620	11,000	4,180	35,800	15,600	5,740	2,670	1,460	914	1,030	902
23	1,290	3,080	9,240	4,660	28,400	10,700	5,140	2,930	1,310	862	1,160	842
24	1,210	2,900	7,910	12,200	19,900	9,390	4,580	2,820	1,250	812	1,170	1,480
25	1,160	3,130	7,060	13,200	14,100	10,800	4,160	2,580	1,190	880	1,220	2,870
26	1,140	3,490	8,190	11,800	12,000	16,300	3,870	2,300	1,240	1,500	1,610	1,960
27	1,100	3,150	9,400	9,790	14,700	23,200	3,660	2,110	1,200	2,000	1,750	1,480
28	1,070	7,160	8,580	7,100	16,400	26,400	3,810	1,930	1,310	2,830	1,320	1,320
29	1,070	11,500	7,150	5,940	-----	30,400	4,310	1,940	1,200	2,440	1,400	1,130
30	1,110	13,400	6,770	5,010	-----	32,000	4,220	2,220	1,120	2,160	1,770	992
31	1,400	-----	9,700	4,500	-----	33,800	-----	2,190	-----	1,870	2,730	-----
TOTAL MEAN	70,510	79,480	346,060	250,290	783,800	567,200	533,480	72,060	53,550	50,268	48,370	47,566
MAX	5,800	13,400	22,400	13,200	60,400	33,800	38,000	3,740	2,740	3,860	4,320	3,770
MIN	1,070	1,160	3,950	4,180	4,020	9,030	3,660	1,530	1,120	812	788	842
CF5M	.38	.44	1.86	1.35	4.67	3.05	2.97	.39	.30	.27	.26	.26
IN.	.44	.49	2.15	1.55	4.87	3.52	3.31	.45	.33	.31	.30	.30

CAL YR 1964: TOTAL 2,945,032 MEAN 10,792 MAX 49,900 MIN 980 CFSM 1.93 IN 24.02
 WAT YR 1965: TOTAL 2,902,634 MEAN 7,992 MAX 60,400 MIN 980 CFSM 1.33 IN 24.02

2-4450 Lubbub Creek near Carrollton, Ala

Location --Lat 33°15', long 88°05', in E $\frac{1}{2}$ sec 10, T 21 S, R 15 W, near center of channel on up-stream side of bridge, on Pickens County highway No 12, 1 mile southeast of Carrollton, and 4 miles upstream from Little Lubbub Creek

Drainage area --116 sq mi

Records available --September 1954 to September 1964 Annual maximum, water year 1965

Gage --Crest-stage indicator Datum of gage is 174 24 ft above mean sea level, datum of 1929 Prior to Oct 1, 1964, water-stage recorder at same site and datum

Average discharge --10 years (1954-64), 143 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,100 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	1230	* 8,210	11 97	Jan 29, 1962	0700	1,460	8 66	Mar 3, 1964	1950	1,860	8 88
Mar 31, 1961	2200	2,890	9 57	Feb 23, 1962	1000	1,420	8 63	Mar 16, 1964	0500	2,730	9 36
Dec 13, 1961	1130	1,250	8 58	July 17, 1963	2050	* 4,590	10 31	Apr 6, 1964	2300	* 4,170	10 10
Dec 18, 1961	1600	* 5,440	9 99	Jan 26, 1964	0430	2,390	9 18	Apr 14, 1964	1530	2,390	9 18
Jan 7, 1962	0400	1,580	8 74					Apr 27, 1964	2150	2,490	9 23
								Feb 12, 1965	-	* 3,060	9 53

Annual minimum discharge, water years 1961-64

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 24, 1961	2 2	-	1963	June 18, 1963	2 4	0 55
1962	Sept 7, 1962	2 1	-	1964	Oct 20, 1963	2 2	67

a Result of unusual regulation

1954-65 Maximum discharge, 8,210 cfs Feb 22, 1961 (gage height, 11 97 ft)

1954-64 Minimum discharge, 0 10 cfs Sept 14-20, 1954

Remarks --Records good above 100 cfs and fair below except those for period of no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	20	75	35	123	63	434	2,390	228	17	29	17	13
2	18	107	34	172	60	368	1,140	133	15	23	15	12
3	16	118	32	200	72	318	642	114	14	24	13	14
4	14	69	30	173	93	268	491	116	13	22	13	22
5	14	36	29	96	93	227	411	92	12	19	13	24
6	16	28	29	65	78	208	359	69	11	17	13	20
7	30	24	30	57	66	333	301	59	12	17	12	17
8	49	22	31	53	72	658	244	53	23	20	11	27
9	61	22	34	49	80	734	263	66	48	34	12	39
10	53	29	36	46	78	579	368	122	55	35	13	29
11	41	57	40	43	66	460	432	180	34	44	16	19
12	33	86	45	42	57	339	468	216	30	230	18	15
13	26	90	51	41	52	288	474	116	27	441	18	15
14	22	60	52	44	49	416	452	74	25	774	14	13
15	20	43	44	54	47	481	387	59	24	608	11	12
16	27	36	38	63	45	425	288	49	32	422	9.6	11
17	41	34	36	64	43	345	209	41	34	322	9.4	10
18	44	35	36	57	65	490	166	34	30	208	12	9.6
19	35	36	35	55	151	667	139	30	24	99	15	9.2
20	28	35	36	78	414	626	123	27	59	63	15	8.1
21	24	32	59	110	3,800	622	112	25	150	54	12	7.5
22	30	31	96	121	7,670	948	102	24	184	72	9.7	7.1
23	36	33	114	87	5,620	453	93	23	208	59	8.4	6.4
24	30	49	100	62	2,060	361	85	23	137	42	10	6.4
25	25	57	64	57	1,040	262	78	28	96	77	17	5.9
26	22	55	54	74	790	196	106	30	122	110	40	5.6
27	20	48	51	117	633	167	254	26	117	56	40	5.4
28	19	40	47	151	520	292	416	24	101	37	27	4.9
29	19	37	44	150	-----	738	480	23	73	27	19	4.8
30	21	35	47	100	-----	984	371	20	43	22	20	4.3
31	44	-----	68	72	-----	2,250	-----	19	-----	20	16	-----
TOTAL	898	1,459	1,477	2,676	23,877	15,207	11,844	2,141	1,770	4,027	482.1	397.2
MEAN	29.0	48.6	47.6	86.3	853	500	395	69.1	56.0	130	15.8	13.2
MAX	61	118	114	200	7,670	2,250	2,390	228	208	774	40	39
MIN	14	22	29	41	43	167	78	19	11	17	8.4	4.3
CFSM	.25	.42	.41	.74	7.35	4.31	3.40	.60	.51	1.12	.14	.11
IN.	.29	.47	.47	.86	7.66	4.97	3.80	.69	.57	1.29	.16	.13

CAL YR 1960: TOTAL 33,188.6 MEAN 145 MAX 2,300 MIN 1.6 CFSM 1.22 IN 17.05
 MAR YR 1961: TOTAL 46,562.3 MEAN 192 MAX 7,670 MIN 4.3 CFSM 1.57 IN 21.34

2-4450 Lubbub Creek near Carrollton, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.3	9.2	37	225	420	474	352	237	30	39	15	4.9
2	4.2	9.4	35	268	339	510	438	172	42	20	15	4.4
3	4.3	11	33	279	278	432	392	126	39	20	15	3.7
4	4.4	17	33	243	238	348	267	95	36	20	15	3.5
5	4.9	31	35	263	210	280	189	80	30	20	15	3.2
6	5.8	45	49	882	190	237	384	72	27	13	13	3.1
7	6.0	54	80	1,420	169	201	726	64	24	13	13	2.2
8	6.5	47	105	970	154	175	690	58	22	13	13	2.5
9	6.5	32	116	580	146	231	490	52	29	13	13	2.4
10	6.1	24	143	420	149	374	342	47	30	13	13	3.2
11	6.1	21	240	310	153	658	158	43	64	12	5.7	4.7
12	6.0	20	684	250	138	744	619	38	63	12	5.7	7.4
13	6.0	22	1,180	210	122	577	868	36	44	12	5.7	12
14	6.1	31	1,010	184	114	428	632	32	43	12	5.7	11
15	5.8	62	860	319	106	314	470	29	44	12	5.7	8.5
16	5.4	93	632	508	149	238	322	26	33	19	4.7	9.7
17	4.9	114	1,060	556	229	195	220	24	24	19	4.7	14
18	4.8	111	3,100	470	388	166	174	24	20	19	4.7	13
19	4.4	94	2,570	494	354	149	152	22	21	19	4.7	9.7
20	4.1	59	1,120	530	238	141	138	20	38	19	4.7	8.2
21	4.2	40	624	520	192	148	123	20	53	6.4	10	6.4
22	4.5	33	454	434	520	169	109	18	52	6.4	10	5.2
23	4.6	57	348	450	1,270	205	97	17	39	6.4	10	4.1
24	5.1	93	268	632	932	233	89	18	26	6.4	10	3.6
25	5.5	138	220	702	738	197	84	15	20	6.4	10	3.2
26	5.9	172	182	553	612	238	81	14	18	20	10	2.9
27	6.5	156	164	666	520	270	78	14	26	20	10	2.8
28	8.5	75	185	1,080	456	263	120	14	32	20	9.1	2.8
29	9.1	50	228	1,360	-----	191	216	13	48	20	7.4	3.0
30	9.0	42	251	892	-----	140	242	14	49	20	5.9	2.9
31	9.4	-----	226	559	-----	206	-----	18	-----	20	5.0	-----
TOTAL	178.9	1,762.6	16,272	17,229	9,524	9,132	9,262	1,470	1,066	491.0	289.4	168.2
MEAN	5.77	58.8	525	556	340	295	309	47.4	35.5	15.8	9.34	5.61
MAX	9.4	172	3,100	1,420	1,420	744	868	64	63	38	15	14
MIN	4.1	9.2	33	106	140	78	18	18	6.4	4.7	2.2	2.2
CFSM	.05	.51	4.53	4.79	2.93	2.54	2.66	.41	.31	.14	.08	.05
IN.	.06	.57	5.22	5.52	3.05	2.93	2.97	.47	.34	.16	.09	.05

CAL YR 1961: TOTAL 80,941.8 MEAN 222 MAX 7,670 MIN 4.1 CFSM 1.91 IN 25.95
 MAY YR 1962: TOTAL 66,843.1 MEAN 185 MAX 3,100 MIN 2.2 CFSM 1.58 IN 21.43

Note --No gage-height record July 2 to Aug 27

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.0	8.8	28	114	293	72	69	124	94	61	83	16
2	24	9.8	29	83	334	102	61	99	44	37	84	13
3	26	9.6	29	60	296	111	55	71	28	26	65	11
4	30	9.8	29	52	242	110	51	49	21	40	49	9.5
5	25	9.8	28	48	222	111	50	37	17	70	36	10
6	17	10	32	45	190	168	55	30	14	46	28	24
7	12	10	37	44	130	203	86	27	12	79	22	33
8	10	11	39	43	95	233	109	24	10	149	18	27
9	10	12	38	42	80	210	124	21	8.6	77	16	20
10	11	13	36	41	71	130	93	19	9.2	67	13	14
11	11	15	36	44	67	96	66	16	7.5	76	12	12
12	11	16	33	64	66	276	57	14	5.4	59	12	9.8
13	11	16	31	86	64	656	51	12	4.7	35	13	9.2
14	9.4	16	29	101	61	868	46	11	4.2	360	16	9.0
15	8.3	17	28	87	57	580	40	13	3.5	896	42	8.5
16	7.6	17	29	65	53	399	35	17	3.2	2,710	89	7.9
17	7.1	20	34	57	50	250	31	14	3.0	3,790	95	7.9
18	10	30	39	57	50	182	29	12	2.6	3,530	44	7.3
19	8.6	49	40	85	85	149	76	10	16	1,620	26	7.6
20	6.4	64	38	162	130	148	75	8.9	58	734	20	7.5
21	5.4	67	36	206	147	119	24	7.2	27	444	17	7.1
22	5.4	60	36	229	137	95	23	6.6	34	281	16	6.6
23	6.0	58	39	210	88	86	23	5.9	68	156	15	5.4
24	6.4	50	43	130	80	74	21	4.8	77	99	15	4.4
25	6.7	39	54	79	94	67	21	8.7	92	77	14	3.9
26	7.5	32	67	78	93	80	43	40	140	229	13	4.0
27	7.3	29	74	89	84	113	74	104	91	292	15	3.9
28	7.3	28	69	90	71	196	113	302	80	121	16	4.2
29	7.3	29	74	82	-----	257	161	498	63	86	18	6.6
30	8.2	29	95	122	-----	152	156	426	74	96	18	10
31	8.6	-----	108	207	-----	86	-----	265	-----	73	19	-----
TOTAL	334.5	794.8	1,357	2,902	3,430	6,379	1,818	2,297.1	1,111.7	16,416	959	320.4
MEAN	10.8	25.2	43.9	93.6	123	206	60.6	74.1	33.1	416	30.9	10.7
MAX	30	67	108	229	334	868	161	498	140	3,790	95	33
MIN	3.0	8.8	28	41	50	67	21	4.8	2.6	26	12	3.9
CFSM	.09	.23	.38	.81	1.06	1.77	.52	.64	.32	4.57	.27	.09
IN.	.11	.25	.44	.93	1.10	2.05	.58	.74	.36	5.26	.31	.10

CAL YR 1962: TOTAL 31,107.9 MEAN 104 MAX 3,790 MIN 2.2 CFSM 1.60 IN 12.22
 MAY YR 1963: TOTAL 38,109.6 MEAN 104 MAX 3,790 MIN 2.2 CFSM 1.60 IN 12.22

MOBILE RIVER BASIN

2-4450 Lubbub Creek near Carrollton, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

MONTHLY MEAN TEMPERATURES FOR THE SEASON 1962-1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12	6.3	106	55	168	153	126	331	38	35	13	11
2	11	7.5	140	59	154	472	116	385	36	76	16	9.4
3	10	16	116	73	140	1,560	111	656	34	114	27	8.5
4	9.0	19	61	105	122	1,440	135	644	31	89	30	7.8
5	8.0	20	52	145	110	859	256	492	26	74	31	6.6
6	6.9	18	49	168	117	569	2,950	345	24	50	42	8.8
7	6.0	19	39	197	135	488	3,120	225	31	31	63	9.4
8	5.5	22	34	213	143	584	1,220	157	34	25	50	8.2
9	4.6	21	36	425	130	548	624	123	28	26	28	7.2
10	4.0	18	38	882	102	490	438	104	24	45	20	6.6
11	3.9	15	63	814	86	446	348	93	19	46	17	6.0
12	3.8	14	172	552	80	393	292	85	17	70	16	5.5
13	3.7	13	320	80	332	732	732	86	17	97	16	4.9
14	3.0	14	494	242	106	378	2,120	99	19	135	17	4.7
15	3.0	10	468	171	141	1,580	1,510	90	14	134	17	4.3
16	4.8	11	341	128	193	2,560	731	74	14	67	86	4.2
17	2.8	13	113	223	121	1,210	482	41	12	56	158	4.1
18	7.3	14	145	103	275	625	369	51	10	27	213	4.1
19	4.1	15	94	96	348	446	294	46	8.8	21	240	4.1
20	2.6	16	73	90	357	387	239	41	7.9	18	114	4.8
21	2.6	17	65	83	314	368	196	36	7.3	17	43	8.3
22	3.9	17	61	76	223	358	167	33	9.8	20	28	13
23	4.4	20	75	71	154	327	147	30	11	21	27	12
24	4.8	30	100	141	122	261	135	28	16	25	47	9.6
25	4.2	38	110	1,050	134	214	144	26	16	44	39	8.0
26	3.2	45	110	2,080	197	245	274	28	42	37	29	6.9
27	3.8	38	88	994	240	322	1,800	32	50	24	26	6.2
28	3.6	31	72	540	245	324	2,000	30	32	19	21	5.7
29	5.6	45	370	252	261	1,030	30	20	16	17	17	7.7
30	6.2	74	58	260	192	194	538	33	22	13	14	16
31	5.2	54	198	198	147	147	332	22	22	12	13	16
TOTAL	165.9	667.8	3,922	10,862	5,093	18,539	22,644	4,332	672.8	1,484	1,518	233.8
MAX	12	74	494	2,080	357	2,560	3,120	656	50	135	240	16
MIN	2.6	6.3	34	55	80	147	111	26	7.3	12	13	4.1
CFSM	.05	.19	1.09	3.02	1.51	5.16	6.51	1.26	.19	.41	.42	.06
IN.	.05	.21	1.26	3.48	1.63	5.94	7.26	1.45	.22	.48	.49	.07
CAL YR 1963: TOTAL 70,389.2 MEAN 192 MAX 3,790 MIN 2.6 CFSM 1.62 IN 12.35												

2-4465 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, 0.2 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

Records available --August 1928 to March 1932, October 1939 to September 1965

Gage --Digital water-stage recorder. Datum of gage is 197.81 ft above mean sea level, datum of 1929, supplementary adjustment of 1944. Prior to Mar 31, 1932, chain gage at railroad bridge 0.2 mile downstream from present site at datum 1.93 ft higher. Nov 1 to Dec 11, 1939, wire-weight gage, Dec 11, 1939 to May 11, 1960, graphic water-stage recorder, May 11, 1960 to June 26, 1963, digital and graphic water-stage recorders at same site and datum

Average discharge --29 years (1928-31, 1939-65), 755 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (4,500 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	0800	* 27,800	18.83	Apr 15, 1962	0715	8,910	15.58	Apr 16, 1964	0845	* 11,700	16.15
Apr 1, 1961	2200	8,250	15.36	July 18, 1963	0215	* 5,810	14.27	Apr 30, 1964	1500	9,040	15.61
Dec 20, 1961	1530	* 15,700	16.82	Mar 17, 1964	1415	6,070	14.87	Feb 14, 1965	2400	* 9,840	15.77
Jan 31, 1962	1200	6,790	15.05					Mar 30, 1965	2400	5,070	14.62

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	47	3.84	1964	Oct 22, 1963	35	-
1962	Oct 20-22, 1961	44	-	1965	Sept 28, 1965	77	-
1963	Sept 26, 1963	39	3.54				

1928-32, 1939-65 Maximum discharge, 27,800 cfs Feb 23, 1961 (gage height, 18.83 ft), minimum, 12 cfs Sept 20, 1954

Remarks --Records good

Revisions (water years) --WSP 1384 Drainage area WSP 1434 1929

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	146	255	359	646	590	3,330	6,430	957	214	204	160	122
2	136	295	375	688	523	2,860	6,790	969	198	180	148	110
3	121	309	372	702	502	2,530	5,950	967	189	170	139	107
4	108	291	330	730	505	2,220	5,350	960	219	132	93	112
5	105	243	299	762	516	1,930	3,900	855	163	169	116	136
6	142	199	280	807	538	1,800	3,100	807	159	149	103	122
7	166	176	268	862	558	2,240	2,570	728	172	140	97	118
8	211	164	264	880	566	2,160	2,180	600	219	132	93	112
9	245	156	262	809	558	2,040	2,010	590	211	139	92	105
10	228	208	262	649	560	1,940	1,890	644	220	178	104	101
11	205	256	272	506	598	1,910	1,590	697	198	262	118	91
12	173	287	266	426	628	1,930	1,720	788	216	391	147	83
13	150	353	285	385	626	3,310	1,810	897	239	743	134	76
14	135	353	294	388	590	3,180	1,720	828	221	877	118	74
15	153	294	300	399	534	2,630	1,670	711	211	1,020	96	76
16	192	237	287	401	479	2,230	1,670	552	204	1,160	106	79
17	192	244	268	392	438	1,970	1,670	452	195	1,310	140	77
18	239	236	261	379	454	2,220	1,670	459	180	1,190	172	72
19	226	227	260	383	639	2,320	1,590	489	166	1,010	168	68
20	208	217	269	466	937	2,100	1,400	414	197	769	188	64
21	195	209	459	522	5,740	2,630	1,220	349	381	497	169	62
22	179	202	522	544	12,800	2,580	1,080	317	500	338	127	60
23	163	214	539	554	23,500	2,320	971	317	559	370	106	60
24	154	278	590	529	22,400	2,190	864	318	585	398	102	59
25	142	336	603	487	14,400	1,980	763	314	528	343	179	57
26	135	463	540	498	8,780	1,810	715	294	421	297	253	55
27	132	563	453	594	5,790	1,720	829	294	385	270	309	53
28	122	592	399	619	4,170	1,750	957	274	354	255	323	51
29	121	503	370	648	-----	1,770	995	252	290	234	231	49
30	119	395	380	672	-----	1,920	961	240	240	215	171	48
31	173	-----	423	661	-----	3,870	-----	227	-----	190	140	-----
TOTAL	5,116	6,775	11,131	17,988	108,919	71,390	66,055	17,436	6,183	13,786	4,670	2,467
MEAN	165	293	359	580	3,890	2,303	2,202	562	273	445	151	82.2
MAX	245	592	603	880	23,500	3,870	6,790	969	585	1,310	323	136
MIN	105	156	260	379	438	1,720	715	227	159	132	92	48
CFSM	-32	-56	-69	-112	7.51	4.45	4.25	1.09	-53	-86	-29	-16
IN.	-37	-63	-80	-129	7.82	5.13	4.74	1.25	-59	-99	-34	-18

CAL YR 1960: TOTAL 333,912 MEAN 320 MAX 23,500 MIN 28 CFSM 1:70 IN 14.72

WAT YR 1961: TOTAL 333,912 MEAN 320 MAX 23,500 MIN 28 CFSM 1:70 IN 14.72

2-4465 Sipsey River near Elrod, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	49	54	254	1,210	5,390	3,090	1,440	905	148	217	174	58
2	49	58	228	1,230	3,880	2,870	1,360	886	184	241	168	56
3	50	61	210	1,190	3,040	2,580	1,250	833	203	200	153	53
4	51	79	199	1,130	2,950	2,330	1,370	764	179	161	214	52
5	52	98	199	1,190	2,170	2,210	1,720	677	163	139	229	55
6	74	116	234	1,870	1,830	2,220	2,890	565	159	131	260	58
7	105	130	304	2,190	1,940	2,061	2,890	475	199	128	232	63
8	98	124	346	2,180	1,330	1,790	2,420	430	144	123	225	63
9	81	109	359	2,620	1,190	1,700	2,330	382	204	145	240	63
10	69	97	472	2,550	1,070	1,600	2,340	343	256	174	175	61
11	61	89	617	2,730	985	1,770	2,800	314	271	184	132	63
12	57	85	818	2,810	921	2,020	3,760	291	305	164	112	62
13	53	86	998	2,430	874	1,940	2,980	271	348	142	100	71
14	50	120	1,270	2,090	817	2,050	2,750	253	314	162	91	78
15	49	171	1,970	2,070	750	2,140	8,050	234	272	149	84	101
16	48	209	5,010	1,900	754	2,270	5,410	222	224	144	79	80
17	47	219	6,990	1,600	781	2,120	3,670	212	191	227	76	80
18	47	232	8,700	1,480	836	1,820	2,870	202	164	146	74	75
19	46	221	8,370	2,020	885	1,510	2,390	191	147	117	70	74
20	44	202	13,900	2,370	901	1,270	1,980	183	201	112	67	80
21	44	185	11,600	2,430	903	1,130	1,630	174	257	119	75	79
22	44	157	7,080	2,290	1,060	1,020	1,360	164	337	112	131	69
23	45	203	4,740	2,420	2,110	944	1,170	154	334	95	105	62
24	47	307	3,420	2,580	2,320	910	1,030	147	222	90	105	60
25	50	383	2,740	2,240	1,930	943	914	141	180	128	92	55
26	50	452	2,280	2,230	2,290	996	822	138	195	174	75	53
27	50	517	1,960	3,850	2,900	947	751	134	203	170	69	32
28	51	536	1,730	4,667	2,890	856	705	130	301	195	51	51
29	51	417	1,470	4,170	-----	888	814	123	304	183	67	54
30	51	301	1,270	4,320	-----	923	865	125	262	156	63	103
31	52	-----	1,180	6,440	-----	1,150	-----	143	-----	155	60	-----
TOTAL	1,715	6,018	90,918	76,500	48,897	52,107	66,771	10,206	6,831	4,793	3,865	1,984
MEAN	55	195	2,933	2,460	1,580	1,621	2,158	328	228	158	125	66.1
MAX	105	536	13,900	6,440	5,390	3,090	8,050	905	348	241	260	103
MIN	44	54	199	1,130	750	888	745	123	144	90	60	51
CFSM	.11	.39	5.66	4.76	3.37	3.24	4.30	.64	.44	.30	.24	.13
IN.	.12	.43	6.53	5.49	3.51	3.74	4.79	.73	.49	.34	.28	.14
CAL YR 1961: TOTAL	409,545	MEAN 1,122		MAX 23,500	MIN 44	CFSM 2.17		IN 29.40				
WAT YR 1962: TOTAL	370,595	MEAN 1,015		MAX 13,900	MIN 44	CFSM 1.96		IN 26.61				

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	97	61	116	347	735	442	878	772	1,340	280	226	65
2	81	60	115	353	764	490	764	798	2,340	260	213	65
3	80	61	134	304	859	499	829	2,010	227	184	62	62
4	99	60	111	249	889	498	515	883	1,540	193	162	61
5	151	61	111	220	926	525	452	963	1,150	168	139	68
6	148	62	116	202	948	726	429	1,050	772	158	122	73
7	112	63	120	191	947	1,040	469	1,040	426	156	111	92
8	92	64	120	182	937	837	534	866	323	146	101	90
9	81	66	123	176	911	863	608	588	280	226	94	79
10	74	74	127	170	830	913	652	515	241	346	89	70
11	69	76	129	180	883	987	660	466	205	333	90	63
12	67	78	128	252	938	1,130	598	375	180	246	92	59
13	64	84	118	308	458	1,530	508	313	155	175	119	56
14	61	89	113	330	417	1,860	457	277	136	403	145	54
15	59	87	103	313	392	1,670	415	252	123	791	236	54
16	58	90	109	278	365	1,680	371	236	114	1,150	183	62
17	57	95	115	246	336	2,100	346	221	111	2,280	123	67
18	56	134	121	233	319	2,440	311	209	114	3,180	104	61
19	55	175	123	278	389	2,430	292	196	799	2,750	88	57
20	54	182	122	483	489	2,160	277	183	785	2,240	80	55
21	55	202	121	562	527	1,770	264	173	366	1,820	77	52
22	55	228	124	572	563	1,470	254	171	389	1,380	75	49
23	54	216	126	585	594	1,260	246	162	792	1,030	91	48
24	53	189	142	588	606	1,110	234	151	636	793	102	45
25	55	175	184	543	580	985	233	155	672	522	95	47
26	58	168	226	481	522	922	404	247	699	370	84	40
27	57	151	227	482	484	908	438	521	580	307	77	41
28	58	137	208	468	458	866	374	871	411	267	75	45
29	60	127	228	451	-----	881	503	917	329	235	73	48
30	60	121	287	567	-----	922	687	916	306	215	70	53
31	61	-----	325	708	-----	931	-----	974	-----	209	67	-----
TOTAL	2,241	3,436	4,552	11,282	17,466	36,634	13,798	16,290	18,324	22,856	3,587	1,776
MEAN	72.3	115	147	364	624	1,182	460	525	611	737	116	59.2
MAX	151	228	325	708	940	2,440	878	1,050	2,340	3,180	236	92
MIN	53	60	103	170	319	442	233	151	111	146	67	40
CFSM	.14	.22	.28	.70	1.20	2.28	.89	1.01	1.18	1.42	.22	.11
IN.	.16	.25	.33	.81	1.25	2.63	.99	1.17	1.32	1.64	.26	.13
CAL YR 1962: TOTAL	282,173	MEAN 773		MAX 8,050	MIN 51	CFSM 1.49		IN 20.36				
WAT YR 1963: TOTAL	158,242	MEAN 417		MAX 3,180	MIN 40	CFSM 1.81		IN 16.95				

2-4465 Sipsey River near Elrod, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	56	52	352	333	2,420	973	1,160	6,190	199	195	235	173
2	59	66	367	334	1,910	1,210	1,120	4,370	175	237	273	147
3	58	75	342	352	1,500	2,210	1,030	3,590	188	372	234	133
4	55	71	262	414	1,210	2,270	940	2,940	181	367	191	125
5	52	70	209	513	1,040	2,360	892	2,470	172	421	183	115
6	49	74	172	580	928	2,680	2,330	2,110	177	467	219	107
7	47	74	146	706	815	2,850	3,060	2,140	192	363	309	101
8	46	80	135	794	726	4,020	3,070	2,600	181	227	358	96
9	45	89	130	1,100	686	3,750	3,080	2,250	172	206	445	92
10	43	96	133	1,560	677	4,080	3,500	1,830	166	201	408	88
11	43	91	189	1,790	659	3,400	3,670	1,480	161	220	272	85
12	42	82	522	1,750	599	2,750	3,250	1,250	153	278	216	83
13	40	73	655	1,960	548	2,350	4,090	1,060	140	316	199	79
14	39	65	738	1,950	566	2,260	5,350	899	143	407	213	77
15	38	61	824	2,010	604	3,890	7,580	782	160	507	243	75
16	38	59	886	2,190	703	4,280	11,000	674	139	558	391	73
17	38	58	946	1,990	768	5,670	7,380	568	127	618	482	71
18	37	59	1,040	1,630	934	4,420	4,770	470	120	685	467	69
19	37	60	1,080	1,290	1,130	4,860	3,380	396	114	711	420	70
20	37	59	980	1,060	1,280	4,510	2,720	340	111	547	386	73
21	36	60	755	876	1,410	3,380	2,260	312	105	327	309	90
22	35	61	507	713	1,530	2,750	1,870	285	100	285	235	138
23	36	74	437	583	1,550	2,300	1,550	259	97	321	199	90
24	37	88	449	616	1,500	1,940	1,310	245	96	400	196	84
25	39	103	458	949	1,490	1,680	1,250	242	114	437	280	79
26	41	112	457	1,290	1,390	1,670	1,380	242	142	375	348	75
27	42	113	452	2,460	1,210	1,440	3,620	225	171	304	258	72
28	41	110	419	2,900	1,090	1,230	5,210	208	169	264	209	70
29	43	204	384	2,450	1,010	1,120	5,730	201	133	244	260	81
30	44	316	361	2,890	-----	1,070	8,380	205	129	274	262	116
31	45	-----	340	2,980	-----	1,110	-----	201	-----	228	211	-----
TOTAL	1,338	2,657	15,127	43,013	31,883	84,483	105,932	41,034	4,427	11,362	8,911	2,827
MEAN	43.2	88.6	488	1,388	1,099	2,725	3,531	1,324	148	367	287	94.2
MAX	59	316	1,080	2,980	2,980	5,670	11,000	6,190	199	711	482	173
MIN	35	52	130	333	548	973	892	201	96	195	183	69
CFSM	.08	.17	.94	2.68	2.12	5.26	6.82	2.56	.28	.71	.55	.18
IN.	.10	.19	1.09	3.09	2.29	6.07	7.61	2.95	.32	.82	.64	.20

CAL YR 1963: TOTAL 132,135 MEAN 441 MAX 3,180 MIN 35
 MAY YR 1964: TOTAL 382,982 MEAN 924 MAX 11,000 MIN 35 CFM 1.85 IN 28.57

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	139	195	879	785	861	951	3,690	336	168	118	273	185
2	232	191	920	704	752	1,040	2,890	309	135	107	211	161
3	316	188	974	647	670	1,070	2,560	290	118	109	171	159
4	274	179	1,160	618	626	1,120	2,460	272	110	114	145	128
5	238	170	1,430	614	610	1,160	2,230	253	106	136	131	122
6	239	163	1,420	620	598	1,250	1,890	237	107	225	121	117
7	304	159	1,230	624	612	1,370	2,310	226	135	584	115	110
8	372	161	1,070	610	629	1,430	2,850	213	191	807	154	105
9	349	164	966	581	768	1,360	1,990	201	318	759	242	99
10	264	167	874	631	1,460	1,240	1,540	190	337	331	274	94
11	214	169	876	684	2,540	1,140	1,360	181	333	249	415	89
12	178	164	1,080	709	3,980	1,110	1,220	174	411	229	341	161
13	154	160	1,130	765	7,990	1,090	1,090	173	447	176	288	226
14	142	163	1,170	833	9,760	1,070	992	182	467	143	246	169
15	226	161	1,200	908	8,990	1,090	941	181	382	153	213	176
16	363	157	1,350	990	6,410	1,180	943	163	385	427	207	185
17	439	156	1,810	1,010	4,700	1,390	957	153	414	380	183	145
18	502	155	2,700	938	3,600	1,660	932	144	312	364	165	118
19	534	159	2,660	822	2,840	1,600	889	134	249	329	176	104
20	538	199	2,260	693	2,360	1,390	824	131	202	267	147	95
21	441	245	1,910	582	1,990	1,260	722	130	173	203	129	90
22	308	284	1,620	520	1,730	1,260	631	129	152	155	134	87
23	247	324	1,470	707	1,520	1,510	575	136	136	130	158	84
24	217	338	1,390	945	1,360	1,840	525	135	144	119	149	84
25	200	430	1,310	966	1,260	2,180	465	134	141	188	145	83
26	188	503	1,210	989	1,150	2,030	421	161	131	382	141	79
27	160	549	1,110	1,010	1,050	1,860	516	153	130	469	171	78
28	171	553	1,010	1,060	978	2,100	515	129	151	572	220	77
29	169	768	936	1,120	-----	2,740	428	141	118	570	179	77
30	177	819	889	1,110	-----	4,260	373	140	112	435	159	82
31	193	-----	847	996	-----	4,610	-----	182	-----	331	188	-----
TOTAL	8,508	8,293	40,861	24,791	71,791	50,361	39,729	5,735	6,693	9,561	5,991	3,589
MEAN	274	275	1,318	785	2,464	1,624	1,324	185	223	308	193	120
MAX	538	819	2,760	1,120	9,760	4,610	3,690	336	467	807	415	226
MIN	139	155	847	520	598	951	373	129	106	107	115	77
CFSM	.53	.53	2.54	1.54	4.95	3.14	2.56	.36	.43	.60	.37	.23
IN.	.61	.60	2.93	1.78	5.15	3.62	2.85	.41	.48	.69	.43	.26

CAL YR 1964: TOTAL 295,534 MEAN 1,076 MAX 13,980 MIN 99 CFM 2.82 IN 28.81

2-4475 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, on right bank at downstream side of highway bridge, a quarter of a mile downstream from Shotbag Creek, 3½ miles upstream from Lynn Creek, 4½ miles downstream from Octoc Creek, 5½ miles upstream from Yellow Creek, and 7 miles west of Brooksville

Drainage area --440 sq mi, approximately

Records available --July 1940 to September 1942, October 1943 to September 1964 (discontinued)
Monthly discharge only for some periods, published in WSP 1304

Gage --Water-stage recorder Datum of gage is 180.03 ft above mean sea level, datum of 1929
Prior to May 18, 1945, staff gage and May 18, 1945, to July 23, 1949, wire-weight gage, at present site and datum

Average discharge --23 years, 551 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (3,000 cfs), water years 1961-64

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	1900	* 12,800	20 53	Mar 13, 1962	1300	4,870	18 64	Mar 6, 1964	0900	5,250	18 78
Mar 31, 1961	1400	8,600	19 74	Apr 17, 1962	Mar	11, 1964	0300	Mar 17, 1964	0800	4,870	18 64
Dec 12, 1961	2200	14,900	20 68	Apr 14, 1962	1950	7,300	19 40	Mar 17, 1964	0800	* 10,400	20 05
Dec 18, 1961	2000	* 23,600	22 07	July 17, 1963	0700	* 2,180	15 73	Apr 6, 1964	0700	6,220	19 10
Jan 27, 1962	1100	8,450	19 67	Mar 3, 1964	0600	3,110	17 70	Apr 8, 1964	1100	7,780	19 52
Feb 24, 1962	1600	5,480	18 86					Apr 15, 1964	1400	5,780	18 96
								Apr 27, 1964	1100	8,700	19 72

Annual minimum discharge, water year 1961-64

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	5 0	a 0 68	1963	Nov 7 1962	6 3	0 82
1962	Oct 1, 1961	3 8	b 60	1964	-	-	-

a Occurred Oct 5, 1960

b Occurred Nov 2, 1961

1940-42, 1943-64 Maximum discharge, 41,600 cfs Mar 29, 1951 (gage height, 23.88 ft), from rating curve extended above 24,000 cfs by logarithmic plotting, no flow at times during 1952-54

Revisions --The figures of maximum discharge for some water years have been revised, as shown in the following table They supersede figures published in the water-supply papers indicated

WSP	Water year	Date	Discharge (cfs)	Gage height (feet)
1032, 1304	1944	Mar 29, 1944	15,600	21 0
1032, 1304	1945	Feb 23, 1945	12,600	20 50
1052, 1304	1946	Feb 11, 1946	14,900	20 88
1142, 1304	1949	Jan 6, 1949	34,700	a 23 26
1172, 1304	1950	Jan 7, 1950	22,200	21 90
1204, 1724	1951	Mar 29, 1951	a 41,600	23 88
1704, 1724	1960	Mar 4, 1960	11,600	20 30

a From floodmark

b From rating curve extended above 24,000 cfs by logarithmic plotting

Remarks --Records good Occasional slight regulation by Bluff Lake at low-water

Cooperation --Gage-height record and 37 discharge measurements furnished by Corps of Engineers

Revisions --Revised figures of discharge in cubic feet per second, for the water years 1944-46, 1949-51, superseding figures published in WSP 1032, 1052, 1142, 1172, 1204, 1304, 1724, are given herewith

1944	1945-Con	1949	1950-Con	1951
Mar 29 14,400	Feb 23 12,200	Jan 5 27,000	Jan 8 18,400	Feb 5 11,600
30 13,800	1946	6 30,000	Feb 14 11,600	Mar 28 10,800
	1946		15 18,400	29 34,200
1945	Feb 10 11,700	1950	16 13,300	30 17,400
Feb 22 9,850	11 14,100	Jan 7 15,900		

Month	Cfs-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
March 1944	78,400	14,400	164	2,529	5 75	6 83
Water year 1943-44	203,223 7	14,400	-	555	1 26	17 17
Calendar year 1944	207,661 7	14,400	4 3	567	1 29	17 54
February 1945	80,620	12,200	80	2,879	6 54	6 81
Water year 1944-45	184,808 9	12,200	4 3	506	1 15	15 63
Calendar year 1945	185,289 7	12,200	6 2	508	1 15	15 67
February 1946	94,364	14,100	485	3,370	7 66	7 98
Water year 1945-46	286,521 8	14,100	9 8	785	1 78	24 21
Calendar year 1946	298,217	14,100	17	812	1 85	25 04
January 1949	158,998	30,000	365	5,129	11 66	13 44
Water year 1948-49	436,235 1	30,000	8 3	1,195	2 72	36 85
Calendar year 1949	333,353	30,000	17	913	2 08	28 16
January 1950	80,894	18,400	101	2,609	5 93	6 84
February 1950	83,273	18,400	267	2,974	6 76	7 04
Water year 1949-50	290,732	18,400	22	797	1 81	24 59
Calendar year 1950	315,928	18,400	22	866	1 97	26 71
February 1951	81,190	11,600	542	2,900	6 59	6 86
March 1951	105,054	34,200	321	3,389	7 70	8 88
Water year 1950-51	334,832	34,200	15	917	2 08	28 29
Calendar year 1951	312,408	34,200	10	856	1 95	26 41

Revised peak discharge (base 3,000 cfs) --Jan 7, 1950 (2400) 22,200 cfs, Feb 15, 1950 (1000) 19,000 cfs, Feb 3, 1951 (time unknown) 12,100 cfs (20.04 ft), Mar 29, 1951 (1000) 41,600 cfs (23.88 ft)

MOBILE RIVER BASIN

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2-4475 Noxubee River near Brooksville, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9.8	14	18	343	104	1,000	7,140	300	30	64	64	30
2	9.5	13	17	262	97	600	6,070	220	28	52	64	30
3	9.0	9.5	18	302	133	300	5,350	180	26	49	59	28
4	7.8	14	18	162	180	200	3,880	160	24	46	52	62
5	8.2	13	18	101	160	150	2,990	140	22	53	53	38
6	19	11	17	80	133	400	1,660	120	38	55	56	34
7	42	8.8	18	72	123	1,000	830	110	63	111	53	44
8	52	7.8	20	69	133	1,600	509	100	100	278	50	32
9	53	7.8	22	65	129	2,000	775	150	48	316	50	28
10	57	9.8	24	62	160	1,700	1,320	400	49	418	53	21
11	34	20	35	60	144	1,300	1,160	732	63	394	74	19
12	22	22	38	57	119	1,500	1,670	400	36	536	67	17
13	15	40	32	55	104	1,800	1,890	200	34	1,000	58	15
14	12	28	38	66	94	1,620	1,670	140	68	1,480	54	14
15	10	19	41	77	85	1,370	1,580	110	39	1,500	50	14
16	9.8	15	34	72	75	1,360	1,260	90	38	1,560	50	14
17	9.0	14	30	74	70	1,100	694	80	34	1,540	50	13
18	7.8	14	29	70	400	1,600	449	70	31	962	55	13
19	7.5	13	36	95	1,000	1,800	328	75	29	547	61	12
20	7.0	12	38	175	3,000	1,760	257	72	144	302	51	11
21	7.0	14	66	116	6,000	2,070	218	61	1,040	194	45	10
22	14	15	46	133	10,400	2,290	193	54	801	132	46	9.6
23	17	16	38	113	11,100	1,880	166	48	627	106	45	9.0
24	16	22	52	82	7,560	1,050	150	44	302	93	40	8.4
25	17	28	50	80	4,000	578	200	40	164	91	40	8.2
26	16	48	44	207	3,000	380	400	39	140	186	36	7.9
27	15	36	41	314	2,000	298	850	39	116	217	34	7.3
28	15	26	40	211	1,500	948	700	36	169	145	35	6.6
29	14	23	35	196	-----	1,910	500	33	123	105	41	5.9
30	14	20	33	147	-----	2,270	400	31	79	85	38	5.2
31	16	-----	81	118	-----	6,520	-----	31	-----	73	32	-----
TOTAL	562.4	553.7	1,067	4,046	52,003	44,354	4,859	4,305	4,705	12,600	1,654	567.8
MEAN	18.1	18.1	34.4	131	1,667	1,451	154	139	147	40.1	50.1	17.7
MAX	57	48	81	343	11,100	6,520	7,140	732	1,040	1,560	74	62
MIN	7.0	7.8	17	55	70	150	150	31	22	46	32	5.2
CFSM	.04	.04	.08	.30	4.22	3.2	3.40	.32	.34	.93	.11	.04
IN.	.05	.05	.09	.34	4.40	3.7	3.79	.36	.38	1.07	.13	.05

CAL YR 1960: TOTAL 183,517.1 MEAN 501 MAX 9,400 MIN 7.0 CFSM 1.14 IN 15.51
WAT YR 1961: TOTAL 171,066.2 MEAN 469 MAX 11,100 MIN 5.2 CFSM 1.07 IN 14.46

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.3	5.0	272	750	2,560	2,400	2,000	687	71	47	121	12
2	4.3	5.0	223	832	1,720	1,920	1,100	428	85	40	58	16
3	6.3	8.5	168	866	882	1,740	1,100	221	79	43	53	13
4	6.0	32	161	653	586	1,680	1,100	274	78	52	64	12
5	7.4	42	157	874	497	1,290	1,100	219	72	37	68	12
6	8.6	68	361	2,250	444	842	2,500	181	61	34	70	12
7	11	54	738	2,390	407	651	3,000	155	56	35	63	11
8	11	930	2,480	376	626	143	2,800	36	32	52	10	10
9	24	36	1,010	2,890	350	1,210	2,700	116	52	27	46	8.9
10	48	27	1,710	2,680	333	1,830	2,810	109	46	24	40	13
11	234	21	2,090	2,000	313	2,440	2,110	104	44	21	36	18
12	134	18	10,300	984	297	2,980	2,050	97	47	19	32	16
13	51	289	13,600	546	280	4,710	2,430	83	45	21	30	18
14	25	1,170	12,000	500	267	3,810	3,870	78	42	25	27	20
15	15	1,250	9,040	1,580	260	2,640	5,460	72	40	34	24	16
16	12	1,490	6,470	2,140	1,160	1,780	3,500	68	39	34	20	16
17	9.6	1,820	10,400	2,040	1,320	860	2,400	79	38	38	14	22
18	8.0	1,850	21,000	2,390	1,390	533	1,370	72	36	50	14	19
19	7.4	2,020	19,000	3,230	1,510	418	687	65	31	113	12	18
20	6.6	1,800	10,900	2,790	1,140	362	432	59	28	77	11	16
21	6.6	853	6,290	2,280	774	350	348	56	26	88	11	14
22	6.3	380	4,140	2,020	2,010	350	283	52	27	80	12	13
23	6.6	1,110	2,760	2,280	3,100	350	252	48	43	79	15	12
24	6.3	1,720	1,780	2,810	4,710	350	232	48	29	72	13	11
25	5.7	1,520	879	2,720	5,200	350	212	43	24	69	12	12
26	5.5	1,700	541	3,830	4,450	400	201	40	24	84	12	12
27	6.3	1,990	466	7,000	4,100	450	240	38	36	92	16	11
28	7.2	1,710	521	5,840	3,330	550	424	38	111	90	16	11
29	8.3	776	515	6,530	-----	500	617	36	72	88	14	10
30	6.3	385	486	5,720	400	842	36	58	58	85	13	9.3
31	5.5	-----	455	3,870	-----	1,500	-----	52	-----	76	12	-----
TOTAL	704.1	24,195.5	139,383	79,745	43,766	40,272	48,170	3,897	1,496	1,706	1,001	414.2
MEAN	22.7	807	4,496	2,572	1,563	1,299	1,606	126	49.9	55.0	32.3	13.8
MAX	234	2,020	21,000	7,000	5,200	4,710	5,460	687	111	113	121	22
MIN	4.3	5.0	157	500	260	350	201	36	24	19	11	8.9
CFSM	.05	1.83	10.2	5.85	3.55	2.95	3.65	.29	.11	.13	.07	.03
IN.	.06	2.05	11.8	6.74	3.70	3.40	4.07	.33	.13	.14	.08	.04

CAL YR 1961: TOTAL 333,165.7 MEAN 913 MAX 21,000 MIN 4.3 CFSM 2.07 IN 28.16
WAT YR 1962: TOTAL 384,749.8 MEAN 1,054 MAX 21,000 MIN 4.3 CFSM 2.40 IN 52.52

Note --No gage-height record Mar 21 to Apr 8

MOBILE RIVER BASIN

2-4475 Noxubee River near Brooksville, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	16	8.6	33	87	235	125	64	163	64	21	676	32
2	94	8.6	31	67	265	155	99	160	44	20	659	25
3	25	8.6	28	52	228	124	54	103	32	38	493	21
4	15	8.9	26	46	141	138	50	83	26	36	224	18
5	11	8.3	24	43	121	221	49	72	25	28	154	17
6	13	7.2	26	42	117	926	53	60	22	70	132	16
7	14	6.6	30	41	94	750	90	51	20	116	144	16
8	15	12	30	43	78	836	74	45	20	99	104	18
9	26	20	38	48	79	645	99	38	18	95	86	24
10	22	17	38	52	61	376	87	32	18	109	73	19
11	37	13	32	56	80	260	74	29	18	79	64	16
12	42	12	30	68	79	233	66	27	17	73	56	14
13	26	14	27	62	70	334	66	27	15	70	51	14
14	18	17	27	47	66	309	57	25	14	220	44	14
15	14	18	26	54	66	257	54	21	13	649	38	14
16	12	22	28	48	57	203	50	20	13	1,340	31	16
17	12	31	30	42	50	290	47	19	12	2,070	26	27
18	22	40	30	40	52	280	40	19	11	1,930	26	22
19	16	36	31	86	269	279	37	17	13	1,840	25	20
20	11	69	33	302	337	254	35	14	11	1,750	25	20
21	11	80	34	148	333	190	35	12	11	1,500	66	17
22	11	54	34	153	275	139	32	16	17	872	42	16
23	14	47	34	127	172	113	30	20	36	501	30	15
24	17	48	34	104	181	101	31	20	34	356	37	12
25	12	40	36	70	186	92	27	22	38	256	31	11
26	11	33	46	75	138	90	27	36	37	215	23	9.7
27	11	30	42	78	139	94	39	64	26	172	22	8.8
28	11	32	45	66	117	86	40	91	21	154	20	8.8
29	10	32	59	63	76	127	144	48	160	18	9.2	
30	8.9	34	75	196	72	200	117	30	129	20	10	
31	8.9	---	61	397	---	68	---	91	---	239	45	---
TOTAL	586.8	807.8	1,105	2,803	4,106	8,118	1,793	1,658	724	15,207	3,485	500.5
MEAN	18.9	26.9	35.6	90.4	147	262	57.8	53.5	24.1	491	112	16.7
MAX	94	80	75	397	337	926	200	163	64	2,070	676	32
MIN	8.9	6.6	24	40	50	68	27	12	11	20	18	8.8
CFSH	.04	.06	.08	.21	.33	.60	.14	.12	.05	1.11	.26	.04
IN.	.05	.07	.09	.24	.35	.69	.15	.14	.06	1.29	.29	.04

CAL YR 1962: TOTAL 222,966.8 MEAN 611 MAX 1,000 MIN 6.6 CFSH 1.32 IN 18.85
 MAY YR 1963: TOTAL 40,894.1 MEAN 112 MAX 2,070 MIN 8.6 CFSH .25 IN 3.46

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	14	3.0	63	81	353	295	218	3,240	46	429	43	27
2	18	2.5	70	76	284	1,090	194	2,360	48	118	35	26
3	16	2.0	45	101	234	2,690	182	1,940	89	36	26	
4	14	2.0	42	203	190	2,460	204	1,600	70	100	39	24
5	12	5.0	36	131	164	3,830	366	1,860	52	82	42	23
6	11	5.0	32	112	218	5,110	4,750	2,090	43	60	32	22
7	9.3	5.0	30	158	222	4,500	4,180	1,670	45	24	24	
8	9.3	5.0	26	178	279	4,350	7,220	812	36	55	20	20
9	8.9	4.5	23	1,270	231	3,310	5,310	403	34	76	18	19
10	8.1	4.5	20	1,580	160	4,050	3,490	276	34	76	16	17
11	6.4	4.0	74	1,180	128	4,600	2,440	221	35	140	16	17
12	6.1	4.0	816	1,180	119	3,530	1,810	201	35	164	16	16
13	5.9	4.0	504	1,210	114	2,640	2,600	177	31	242	16	16
14	5.9	4.0	602	948	265	2,510	3,740	161	26	180	16	14
15	5.7	4.0	434	554	324	6,740	5,570	154	54	168	15	13
16	6.1	4.5	376	344	518	6,460	4,980	134	52	334	196	12
17	6.1	4.5	160	258	512	9,650	3,470	114	34	202	394	12
18	5.1	4.5	114	218	796	6,360	2,460	97	26	122	619	13
19	4.5	4.5	85	188	893	4,100	1,660	86	25	105	483	14
20	4.0	4.5	72	169	893	2,790	774	78	23	82	197	18
21	3.4	4.5	64	150	869	2,090	429	72	21	70	126	17
22	3.0	4.5	60	133	551	1,330	308	66	20	58	100	20
23	2.5	5.0	226	133	333	724	293	61	18	51	81	22
24	2.0	5.0	204	4,540	256	470	232	58	29	50	69	20
25	1.6	5.0	141	1,580	302	390	541	85	62	40	59	18
26	1.2	26	143	1,450	505	514	1,820	64	26	36	52	16
27	1.0	26	120	1,380	466	515	6,480	58	22	37	48	12
28	.90	21	103	1,570	450	487	7,940	54	23	34	44	6.1
29	.80	35	98	1,690	350	364	7,030	52	21	31	38	25
30	.80	50	93	1,200	264	264	5,060	47	219	30	34	78
31	.80	---	85	514	---	240	---	43	---	30	31	---
TOTAL	194.40	263.0	4,961	24,479	10,979	88,453	85,711	18,236	1,258	3,334	2,955	604.1
MEAN	6.27	8.77	160	790	379	2,855	2,857	588	41.8	106	93.3	20.8
MAX	18	50	816	4,540	893	9,650	7,940	3,240	219	429	619	78
MIN	.80	2.0	20	76	114	240	182	43	18	30	15	6.1
CFSH	.01	.02	.36	1.79	.86	6.48	6.49	1.34	.10	.24	.22	.05
IN.	.02	.02	.42	2.07	.93	7.48	7.24	1.54	.11	.28	.25	.05

CAL YR 1963: TOTAL 43,812.90 MEAN 120 MAX 2,070 MIN .80 CFSH .27 IN 3.70
 MAY YR 1964: TOTAL 241,427.50 MEAN 660 MAX 9,650 MIN .80 CFSH 1.50 IN 26.41

Note --No gage-height record Oct 19-29, Oct 31 to Nov 25

2-4480 Noxubee River at Macon, Miss

Location --Lat 33°06'05", long 88°33'40", in NE $\frac{1}{4}$ sec 4, T 14 N, R 1 / E, Choctaw meridian, on left bank at downstream side of 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, $\frac{1}{2}$ miles downstream from Horse Hunters Creek, and $\frac{1}{4}$ miles upstream from Running Water Creek

Drainage area --812 sq mi

Records available --August 1928 to September 1932, September 1938 to September 1965 Monthly discharge only for June to September 1932, published in WSP 1304

Gage --Digital water-stage recorder Datum of gage is 142 38 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) Prior to May 31, 1932, chain gage at site 40 ft downstream at different datum Sept 21, 1938, to Aug 10, 1939, wire-weight gage and Aug 11, 1939, to June 24, 1964, graphic water-stage recorder, present site and datum

Average discharge --31 years, 929 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height, in feet)

Annual maximum discharge (*) and peak discharges above base (5,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	1500	* 21,100	30 00	Apr 8, 1962	0900	5,720	23 50	Apr 15, 1964	0100	8,970	26 90
Apr 1, 1961	2200	10,000	27 60	Apr 13, 1962	0700	10,700	27 84	Apr 28, 1964	1800	11,300	28 02
								Aug 17, 1964	2100	8,140	26 33
Dec 14, 1961	2400	16,400	29 29	July 16, 1963	2400	* 4,580	20 40	Dec 12, 1964	1000	* 5,600	23 21
Dec 19, 1961	0900	* 30,500	30 97					Feb 12, 1965	1600	* 17,200	29 41
Jan 8, 1962	0600	6,280	24 52	Jan 25, 1964	1200	5,060	21 73	Mar 27, 1965	0100	5,180	22 06
Jan 28, 1962	1400	12,200	28 30	Mar 9, 1964	0900	8,480	26 64	Mar 30, 1965	1000	5,390	22 63
Feb 24, 1962	1500	7,970	26 20	Mar 16, 1964	0800	* 15,800	29 15				
Mar 12, 1962	1600	5,440	22 77	Apr 7, 1964	1700	9,730	27 36				

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 29, 30, 1961	43	6 46	1964	Nov 1, 1963	36	6 26
1962	Oct 1, 1961	a 43	-	1965	Sept 11, 1965	45	6 34
1963	May 23, 1963	43	b 6 40				

a Minimum daily

b Occurred Sept 26, 1963

1928-32, 1938-65 Maximum discharge, 52,000 cfs Mar 30, 1951 (gage height, 32 97 ft), minimum, 22 cfs Aug 25, 26, 1943 (gage height, 4 89 ft)

Remarks --Records good except those for period of no gage-height record, which are poor

Revisions (water years) --WSP 1624 1929-30, 1932

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	57	71	75	643	182	4,860	8,950	576	76	180	126	70
2	55	73	70	533	164	3,090	9,250	424	74	142	132	66
3	51	60	65	393	162	1,380	7,920	370	72	136	111	64
4	49	55	65	380	191	939	7,100	316	71	133	105	62
5	51	52	65	256	236	704	6,220	298	70	113	97	66
6	55	53	65	172	216	792	5,140	253	71	103	93	78
7	125	50	65	141	193	1,660	4,120	211	112	156	96	62
8	169	50	70	130	204	3,060	1,740	186	113	310	93	73
9	153	50	70	126	204	3,540	1,700	182	149	613	90	60
10	116	60	75	118	182	2,800	2,810	685	110	613	89	58
11	103	70	75	112	204	2,310	2,400	961	89	843	88	56
12	91	80	80	107	193	2,510	2,830	787	130	3,520	108	58
13	74	100	85	110	162	3,100	3,210	466	99	3,680	104	54
14	63	120	90	141	146	3,460	2,980	308	116	3,600	100	53
15	59	90	85	164	133	3,050	2,440	230	228	3,160	90	51
16	54	80	92	160	125	2,140	2,080	182	114	2,280	89	48
17	52	75	94	139	113	1,870	1,580	151	95	2,020	102	47
18	49	70	83	128	438	4,130	908	131	88	1,740	91	47
19	50	65	77	172	1,360	4,450	643	122	88	1,540	86	46
20	48	60	86	238	4,230	4,170	518	124	144	823	94	46
21	49	65	128	268	8,380	3,520	442	119	871	512	87	47
22	49	70	157	186	19,500	3,240	398	110	1,380	445	93	48
23	48	75	125	180	18,000	3,060	359	103	1,020	328	86	48
24	54	80	97	170	13,700	2,870	328	98	745	588	84	46
25	58	90	99	148	10,400	1,540	300	95	541	675	84	45
26	58	110	105	513	8,430	803	429	95	894	311	110	44
27	58	130	99	592	7,130	597	2,070	93	673	328	82	44
28	57	110	93	484	5,920	2,020	1,710	89	396	369	73	43
29	57	90	92	333	-----	3,280	938	85	331	261	69	43
30	57	80	100	278	-----	3,900	812	79	253	182	68	43
31	61	-----	334	221	-----	6,140	-----	76	-----	144	73	-----
TOTAL	2,130	2,284	2,961	7,736	100,498	84,785	82,325	8,005	9,213	29,848	2,893	1,616
MEAN	68.7	76.1	95.5	250	3,589	2,735	2,744	258	307	963	93.3	53.9
MAX	169	130	334	643	19,500	6,140	9,250	961	1,380	3,680	132	78
MIN	48	50	85	107	113	597	300	76	70	103	68	43
CFSH	.08	.09	.12	.31	4.42	3.37	3.12	.32	.38	1.19	.11	.07
IN.	.10	.10	.14	.35	4.60	3.88	3.77	.37	.42	1.37	.13	.07

CAL YR 1960: TOTAL 339,509 MEAN 928 MAX 12,600 MIN 48 CFSH 1.13 IN 13.37
 MAY YR 1961: TOTAL 334,294 MEAN 916 MAX 19,500 MIN 43 CFSH 1.13 IN 13.37

Note --No gage-height record Nov 7 to Dec 15

2-4480 Noxubee River at Macon, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	43	51	481	1,480	7,200	7,300	3,990	1,360	171	149	146	55
2	45	50	344	1,630	6,120	6,350	3,150	1,040	149	118	173	54
3	45	54	271	1,430	4,920	5,300	2,350	707	178	102	139	53
4	45	68	230	1,260	2,260	3,980	2,240	551	186	96	110	56
5	45	117	244	2,370	952	2,960	2,190	473	167	107	114	58
6	45	113	843	5,480	776	2,130	4,540	403	163	94	151	61
7	45	113	1,110	5,940	674	1,340	5,430	344	153	86	138	63
8	50	114	1,180	6,140	609	1,040	5,660	306	170	88	114	62
9	50	101	1,410	5,440	569	2,390	5,120	287	178	83	99	69
10	60	89	3,060	4,660	546	3,780	4,470	248	144	77	90	97
11	78	80	3,630	4,110	504	5,300	4,870	229	118	74	83	153
12	246	77	6,670	3,470	476	5,390	7,820	222	112	71	80	72
13	182	89	12,600	1,860	456	5,160	10,200	205	117	71	74	67
14	97	1,140	16,300	1,020	439	4,790	6,280	186	118	75	71	67
15	68	1,830	15,800	3,430	445	4,830	6,660	173	105	79	69	71
16	58	2,280	13,500	4,650	1,120	4,750	5,970	165	102	82	66	82
17	52	2,210	12,700	4,760	2,130	3,930	5,880	154	98	96	65	75
18	51	2,150	22,400	4,290	2,030	1,690	5,330	94	95	86	62	70
19	48	2,150	29,200	5,010	2,060	837	3,820	167	93	88	56	70
20	46	2,250	21,100	5,250	2,140	677	1,230	149	92	135	55	65
21	45	2,080	12,900	5,270	1,640	632	722	139	88	182	66	62
22	45	1,050	9,440	4,870	4,190	4,870	598	133	84	144	64	60
23	45	1,810	6,030	5,050	5,770	698	529	126	82	126	58	60
24	46	2,400	6,870	6,070	7,550	710	479	118	85	124	55	49
25	48	2,270	5,620	6,420	7,590	641	445	117	92	121	57	58
26	49	1,980	3,210	5,980	7,130	722	448	108	88	122	57	58
27	46	1,730	1,120	7,650	7,370	898	409	103	93	151	56	58
28	46	2,230	1,220	11,400	7,590	1,190	1,330	102	107	151	55	62
29	45	2,020	1,060	9,660	-----	1,140	2,700	100	222	185	57	61
30	48	952	869	8,320	-----	782	1,850	103	222	274	57	58
31	51	-----	881	7,960	-----	2,890	-----	124	-----	194	55	-----
TOTAL	1,913	33,648	214,293	152,330	85,256	84,913	108,710	8,817	3,871	3,631	2,592	2,016
MEAN	61.7	1,122	6,913	4,914	3,045	2,739	3,424	284	129	117	83.6	67.2
MAX	246	2,400	29,200	11,400	7,590	7,300	10,200	1,360	222	274	173	153
MIN	43	50	230	1,020	439	632	490	82	71	62	55	53
CFSM	.08	1.38	8.51	6.05	3.75	3.37	4.46	.35	.16	.14	.10	.08
IN.	.09	1.54	9.81	6.98	3.90	3.89	4.98	.40	.18	.17	.12	.09

CAL YR 1961: TOTAL 576,773

WAT YR 1962: TOTAL 701,990

MEAN 1,580

MEAN 1,923

MAX 29,200

MAX 29,200

MIN 43

MIN 43

CFSM 1.95

CFSM 2.37

IN 26.12

IN 32.15

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	58	56	88	144	668	274	118	333	136	77	1,800	69
2	94	55	89	158	467	333	114	243	104	85	1,250	74
3	244	54	151	905	309	107	214	820	871	61	64	53
4	153	55	88	130	572	243	103	151	72	952	551	61
5	81	54	90	117	341	366	98	114	66	144	283	56
6	69	53	92	112	253	1,140	104	98	62	92	194	62
7	63	52	88	111	229	1,460	133	86	66	172	60	66
8	81	53	88	110	140	1,100	180	91	60	157	175	54
9	145	53	90	107	163	1,080	153	79	57	150	142	53
10	231	53	92	111	149	756	158	69	55	138	118	55
11	110	58	96	121	153	535	154	64	53	150	104	56
12	80	59	92	163	156	1,140	141	61	54	121	94	53
13	97	58	84	196	158	1,100	124	59	51	106	89	52
14	84	59	74	162	143	704	121	58	49	346	84	67
15	72	58	93	128	132	504	108	56	48	693	79	63
16	67	59	86	118	128	406	100	54	55	3,800	73	56
17	66	66	88	121	118	523	98	52	61	4,200	67	55
18	65	81	89	118	117	624	92	51	55	4,160	62	58
19	61	111	86	362	615	504	86	49	51	3,390	61	62
20	66	110	84	704	662	445	83	48	52	2,710	62	58
21	66	115	89	644	557	381	80	47	53	2,290	170	54
22	60	163	92	350	493	287	78	45	63	1,870	248	53
23	63	132	93	320	392	227	77	44	70	1,000	130	50
24	58	107	94	287	322	190	74	48	220	537	79	48
25	58	103	94	194	375	176	78	53	81	361	74	47
26	58	99	104	162	333	162	84	98	71	306	73	46
27	58	96	110	163	256	156	85	133	75	299	67	49
28	57	89	110	173	231	156	92	496	67	351	62	50
29	57	88	122	132	-----	144	250	333	82	425	64	57
30	57	89	171	832	-----	138	282	85	635	61	54	-----
31	57	-----	176	905	-----	127	-----	173	-----	1,200	58	-----
TOTAL	2,636	2,338	3,021	7,606	9,278	15,690	3,555	3,727	2,156	31,251	7,417	1,696
MEAN	85.0	77.9	97.5	245	331	506	119	120	71.9	1,008	239	56.8
MAX	244	163	176	905	905	1,460	282	496	220	4,200	1,800	74
MIN	57	52	74	107	117	127	74	44	48	77	58	46
CFSM	.10	.10	.12	.30	.41	.62	.15	.15	.09	1.24	.29	.07
IN.	.12	.11	.14	.35	.42	.72	.16	.17	.10	1.43	.34	.08

CAL YR 1962: TOTAL 460,131

WAT YR 1963: TOTAL 90,371

MEAN 1,261

MEAN 1,248

MAX 11,400

MAX 4,200

MIN 52

MIN 44

CFSM 1.55

CFSM .30

IN 21.07

IN 4.14

2-4480 Noxubee River at Macon, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	50	39	101	136	653	501	340	8,270	103	891	106	75
2	50	40	93	134	369	3,060	304	7,220	118	529	147	71
3	52	44	108	217	392	5,440	283	5,980	113	259	124	68
4	55	44	99	526	327	6,640	314	4,760	109	180	88	67
5	54	42	84	397	293	6,640	727	2,980	121	165	81	65
6	52	42	77	293	356	6,210	5,630	2,430	109	152	82	62
7	48	47	70	439	369	6,030	8,330	2,590	99	119	75	61
8	47	44	70	345	351	7,130	8,610	2,170	93	121	68	60
9	46	41	64	2,870	367	8,380	7,850	959	88	334	63	60
10	46	38	64	3,400	299	7,810	8,040	495	83	504	61	58
11	45	38	96	2,640	241	6,660	7,080	364	82	1,020	58	56
12	45	38	422	1,800	209	5,880	5,850	306	82	2,700	57	55
13	45	38	932	1,670	200	5,450	6,140	338	89	993	58	53
14	45	37	772	1,580	291	5,290	8,320	304	85	428	58	52
15	44	37	808	1,120	479	9,840	8,580	244	79	301	57	52
16	43	39	529	635	779	14,200	7,610	225	83	2,480	3,770	52
17	43	40	309	420	725	10,000	7,240	200	101	3,120	7,350	52
18	42	40	223	335	1,640	9,340	6,510	177	86	1,000	7,040	55
19	42	40	173	283	1,920	9,000	5,570	160	76	291	4,030	56
20	42	40	140	250	1,470	7,920	4,290	147	72	193	808	68
21	42	40	121	229	1,270	6,790	1,480	140	69	152	306	60
22	41	43	115	204	1,040	5,650	600	131	68	125	202	59
23	40	48	329	185	641	3,950	456	125	69	200	165	56
24	39	55	423	1,880	437	1,290	448	121	72	209	142	57
25	39	61	299	4,890	566	677	1,190	118	72	149	157	59
26	39	48	211	4,350	837	725	3,250	147	105	115	124	57
27	40	50	215	3,190	814	925	5,920	128	84	89	108	54
28	40	72	191	2,190	716	769	9,960	113	72	83	100	53
29	39	73	161	2,120	650	644	10,100	110	71	80	92	76
30	38	94	149	2,150	-----	490	9,020	109	458	75	86	131
31	38	-----	142	1,420	-----	389	-----	105	-----	74	80	-----
TOTAL MEAN	1,371 44.2	1,392 46.4	7,592 245	42,298 1,364	18,813 1,364	163,720 5,281	150,342 5,011	41,666 1,344	3,011 100	17,131 553	25,743 830	1,860 62.0
MAX	55	94	932	4,890	1,220	14,200	10,100	8,110	100	3,120	7,350	100
MIN	38	37	64	134	200	389	283	105	68	74	57	52
CFSM	.05	.06	.30	1.68	.80	6.50	6.17	1.66	.12	.68	1.02	.08
IN.	.06	.06	.35	1.94	.86	7.50	6.89	1.91	.14	.78	1.18	.09
CAL YR 1963: TOTAL	92,731	MEAN	254	MAX	4,200	MIN	37	CFSM	.31	IN	4.25	
WAT YR 1964: TOTAL	474,939	MEAN	1,298	MAX	14,200	MIN	37	CFSM	1.60	IN	21.75	

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	208	51	595	944	303	1,680	4,970	165	91	71	87	61
2	149	50	435	681	293	3,530	4,250	155	86	66	80	57
3	119	50	279	716	281	3,300	3,620	145	77	65	75	52
4	104	55	461	726	261	2,400	3,900	136	70	88	70	51
5	249	55	793	579	254	2,210	3,440	132	66	63	86	52
6	361	54	640	544	246	2,400	2,080	127	63	66	104	57
7	131	52	652	455	261	2,490	2,090	121	68	58	107	56
8	110	52	461	353	339	1,930	3,960	115	70	58	182	50
9	115	52	298	313	4,950	1,060	3,690	111	85	84	381	48
10	91	54	227	678	7,370	716	3,550	105	78	116	436	46
11	75	56	2,760	963	10,500	572	3,380	103	81	91	238	55
12	66	56	5,490	896	16,000	1,510	3,460	101	84	103	167	93
13	62	56	5,000	854	15,000	2,450	3,360	99	93	87	174	183
14	60	55	3,250	617	11,300	2,270	2,280	95	98	69	138	202
15	60	55	1,630	426	9,990	1,850	985	92	121	64	112	300
16	62	54	1,120	350	8,370	1,770	624	90	132	63	110	179
17	62	54	665	303	7,760	1,790	467	86	126	88	128	101
18	56	55	1,360	263	7,020	2,040	381	83	161	83	108	71
19	53	55	1,310	240	6,080	1,180	344	80	123	73	91	61
20	51	56	1,510	227	4,940	883	336	77	97	81	111	57
21	48	74	1,560	213	2,970	755	295	76	82	78	77	56
22	48	90	1,080	240	1,520	556	300	77	73	63	74	60
23	48	76	800	2,520	937	467	328	77	66	53	69	60
24	49	109	662	3,970	745	963	279	77	62	61	67	87
25	49	233	569	3,010	934	2,460	259	75	78	59	66	262
26	49	193	496	1,700	953	4,790	229	71	103	111	69	596
27	48	124	429	1,350	1,050	4,990	209	74	88	120	65	600
28	47	2,070	392	860	1,140	4,570	203	82	66	76	66	322
29	48	2,360	364	523	-----	3,890	186	117	89	119	74	178
30	57	889	315	403	-----	5,260	172	96	82	101	85	130
31	55	-----	825	342	-----	5,190	-----	86	-----	89	75	-----
TOTAL MEAN	2,790 90.0	7,295 243	36,879 1,190	26,239 846	121,767 4,349	71,922 2,320	53,627 1,788	3,126 101	2,659 88.6	2,467 79.6	3,772 122	4,183 139
MAX	361	2,360	5,490	3,970	16,000	5,260	4,970	165	161	120	436	600
MIN	47	50	227	213	246	467	172	71	62	53	65	46
CFSM	.11	.30	1.47	1.04	5.36	2.86	2.20	.12	.11	.10	.15	.17
IN.	.13	.33	1.69	1.20	5.58	3.29	2.46	.14	.12	.11	.17	.19
CAL YR 1964: TOTAL	311,928	MEAN	1,325	MAX	16,000	MIN	47	CFSM	1.74	IN	73.32	
WAT YR 1965: TOTAL	311,928	MEAN	1,325	MAX	16,000	MIN	46	CFSM	1.74	IN	73.32	

2-4485 Noxubee River near Geiger, Ala

Location --Lat 32°55', long 88°18', in SE $\frac{1}{4}$ 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

Records available --March 1939 to September 1940, July 1944 to September 1965

Gage --Water-stage recorder Datum of gage is 86 08 ft above mean sea level, datum of 1929, supplementary adjustment of 1946 Prior to Sept 30, 1940, staff gage at site of old highway bridge 1 mile downstream at datum 86 64 ft above mean sea level July 26, 1944, to June 5, 1949, wire-weight gage at present site and datum Water-stage recorder for station on Tombigbee River at Gainesville is used as an auxiliary gage for this station

Average discharge --22 years, 1,445 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 24, 1961	24,100	40 33	Oct 23, 26, 1960	56	-
1962	Dec 18, 1961	34,200	42 65	Nov 4, 1961	39	2 14
1963	Mar 13, 1963	6,500	25 75	Sept 25-27, 1963	52	-
1964	Mar 19, 1964	15,000	34 65	Nov 1, 1963	58	2 53
1965	Feb 18, 1965	17,500	37 27	Sept 27, 1965	a 42	-

a Minimum daily

1939-40, 1944-65 Maximum discharge, 37,600 cfs Mar 31, 1951 (gage height, 42 7 ft), minimum, 13 cfs July 7, 1954

Remarks --Records fair except for periods of no gage-height record which are poor. Discharge includes flow of Noxubee cutoff channel at bridge on State Highway 17, 1 mile north of gage

Cooperation --Gage-height record and 50 discharge measurements furnished by Corps of Engineers

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	74	140	110	676	286	11,300	10,500	898	115	339	268	111
2	60	91	98	801	245	9,640	9,770	676	111	271	251	110
3	65	99	90	576	237	7,600	8,920	506	108	240	220	105
4	60	104	81	409	231	4,300	8,540	436	105	408	203	100
5	63	84	85	370	227	2,090	8,400	384	103	249	182	93
6	70	72	73	297	265	2,310	8,100	352	143	198	170	91
7	67	65	74	222	269	4,050	7,500	330	114	196	160	94
8	94	60	78	182	269	5,160	6,620	308	111	313	154	115
9	180	63	78	160	271	4,910	4,940	317	140	1,220	162	96
10	259	75	76	146	269	4,250	4,850	253	150	1,110	257	96
11	192	75	81	143	247	3,370	4,410	553	173	757	163	93
12	152	75	84	130	235	2,710	4,310	922	155	4,080	148	84
13	137	89	84	127	249	3,380	4,670	820	195	6,820	150	84
14	118	102	103	160	227	4,410	3,960	525	196	7,440	180	82
15	98	90	121	207	203	3,960	3,270	382	146	6,640	163	82
16	83	92	102	223	182	3,370	2,670	310	201	4,970	158	73
17	74	107	90	218	172	2,690	2,200	253	205	2,930	144	73
18	67	94	105	189	230	5,220	1,690	224	146	2,210	143	74
19	64	81	112	180	1,450	6,840	1,060	203	130	2,120	148	72
20	63	77	110	220	3,710	6,220	743	182	283	1,620	134	70
21	60	74	227	311	9,960	6,050	622	173	391	1,600	133	70
22	58	73	152	302	18,000	5,950	544	173	872	948	134	68
23	56	89	180	263	22,300	4,580	487	168	1,290	1,070	126	68
24	60	80	189	218	23,800	5,480	458	157	1,050	1,980	398	68
25	57	94	149	220	22,200	2,920	415	148	1,070	2,560	604	70
26	60	207	123	365	19,200	2,000	410	142	2,260	1,720	196	70
27	72	167	117	809	15,800	1,150	2,540	137	2,070	624	149	67
28	75	123	124	749	13,100	2,640	3,060	131	1,000	643	154	67
29	73	121	118	535	-----	4,600	2,110	130	942	615	130	67
30	78	128	120	391	-----	5,280	1,180	127	405	432	115	68
31	214	-----	244	330	-----	8,320	-----	122	-----	323	115	-----
TOTAL	2,903	2,891	3,378	10,149	153,634	144,750	118,949	10,452	13,980	56,644	5,117	2,461
MEAN	93.6	96.4	115	327	5,487	4,649	3,965	337	464	1,827	162	82.7
MAX	259	207	244	809	23,800	11,300	10,500	922	2,260	7,440	604	115
MIN	56	60	73	127	172	1,150	410	122	103	196	115	67
CFSH	.08	.08	.10	.29	4.81	4.10	3.48	.30	.41	1.60	.16	.07
IN.	.09	.09	.12	.33	5.01	4.72	3.88	.34	.44	1.85	.19	.08
CAL YR 1960: TOTAL	451,343			MEAN 1,233		MAX 10,200	MIN 54	CFSH 1.08	IN 14.72			
WAT YR 1961: TOTAL	526,225			MEAN 1,442		MAX 23,800	MIN 54	CFSH 1.26	IN 17.17			

2-4485 Noxubee River near Geiger, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	68	45	1,040	2,920	9,560	6,880	5,070	2,210	123	263	428	47
2	67	42	586	2,905	8,620	6,670	4,150	1,515	170	192	265	47
3	68	43	437	1,990	7,460	6,490	3,080	1,200	180	152	150	47
4	68	42	378	1,450	6,340	5,920	2,130	839	182	129	150	46
5	58	41	345	1,950	3,950	4,680	2,070	647	232	115	110	50
6	68	45	469	5,840	1,610	2,980	4,230	568	219	111	95	52
7	67	86	1,540	7,790	1,110	1,870	6,120	495	182	122	101	54
8	69	87	1,480	7,330	994	1,240	5,880	438	176	108	126	56
9	68	79	1,320	4,490	808	2,260	5,380	397	170	102	106	58
10	66	80	3,100	6,000	780	4,010	4,980	381	207	104	89	60
11	68	70	4,520	6,200	710	6,210	7,840	350	170	102	80	80
12	69	65	6,580	5,700	660	6,480	10,300	319	140	98	71	150
13	105	62	9,460	3,300	630	5,690	18,300	303	144	81	66	100
14	238	180	10,000	2,800	600	4,920	16,100	281	137	75	63	90
15	165	972	12,200	4,900	570	4,250	13,600	263	131	77	59	70
16	112	1,860	16,600	6,330	1,180	3,930	11,800	243	126	77	58	75
17	90	2,130	22,400	1,950	750	3,800	10,600	178	102	119	56	80
18	80	2,010	32,100	4,790	1,960	3,260	7,440	219	111	111	54	80
19	69	1,880	30,100	6,110	1,930	1,650	5,700	211	110	90	52	75
20	62	1,920	26,400	7,310	1,950	1,100	4,040	217	260	83	50	70
21	60	2,030	24,900	6,640	1,990	800	1,740	198	130	82	55	70
22	59	1,950	20,400	5,480	5,030	750	1,060	178	102	129	60	68
23	58	2,020	16,100	5,600	7,800	760	900	165	101	146	60	66
24	58	2,560	12,800	6,800	8,010	770	700	157	100	123	50	64
25	58	2,500	10,700	6,810	7,520	830	600	149	98	130	47	63
26	55	2,080	8,770	6,360	7,160	810	540	144	103	123	47	62
27	54	1,780	6,920	7,680	7,220	800	461	138	115	111	47	62
28	52	1,740	3,700	9,670	7,230	940	942	129	113	121	47	60
29	49	1,870	2,300	9,700	-----	1,200	3,690	124	122	371	47	60
30	48	1,760	2,010	9,670	-----	1,100	3,870	121	183	247	47	63
31	47	-----	1,960	10,100	-----	2,590	-----	124	-----	281	47	-----
TOTAL	2,333	32,039	291,615	182,330	105,332	95,980	166,713	12,954	4,453	4,175	2,783	2,025
MEAN	75.3	1,068	9,407	5,882	3,762	3,096	5,257	418	148	135	89.8	67.5
MAX	238	2,560	32,100	10,100	9,560	6,880	18,300	2,210	260	371	428	150
MIN	47	41	345	1,450	570	750	461	121	98	75	47	46
CFSM	.07	.94	8.25	5.16	3.30	2.72	4.87	.37	.13	.12	.08	.06
IN.	.08	1.05	9.51	5.95	3.44	3.13	5.44	.42	.15	.14	.09	.07

CAL YR 1961: TOTAL 842,840 MEAN 2,309 MAX 32,100 MIN 41 CFSM 2.03 IN 27.50
 MAY YR 1962: TOTAL 902,732 MEAN 2,473 MAX 32,100 MIN 41 CFSM 2.17 IN 26.45

Note --No gage-height record Aug 16 to Sept 24

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	65	70	100	185	1,280	313	170	365	130	120	1,900	85
2	63	71	100	173	928	310	155	298	98	108	1,900	85
3	71	71	100	155	1,990	300	153	207	87	322	1,340	85
4	136	70	100	143	1,620	300	147	164	74	909	962	85
5	225	67	100	155	732	385	139	125	74	756	719	85
6	130	65	100	138	415	874	150	93	68	278	462	85
7	88	60	103	129	301	1,210	170	91	70	140	300	85
8	85	62	106	123	255	1,130	212	100	66	119	200	85
9	94	62	100	121	227	880	203	117	68	160	200	85
10	112	63	96	118	205	800	195	106	68	180	170	85
11	207	64	97	127	188	585	198	92	62	151	150	85
12	182	62	99	185	166	3,070	190	81	58	144	130	85
13	113	61	101	155	190	6,220	170	75	148	146	130	85
14	87	62	100	150	190	3,790	160	73	58	125	110	85
15	96	62	95	130	180	788	150	71	56	393	100	85
16	89	63	90	120	163	413	139	69	55	1,670	90	85
17	82	57	101	120	153	320	130	68	58	4,380	90	77
18	77	59	104	120	154	580	124	67	62	5,120	90	66
19	76	62	100	400	426	471	119	62	74	3,910	80	63
20	76	82	100	1,000	1,090	400	116	61	81	2,910	80	63
21	75	124	100	1,000	813	350	111	61	128	2,120	250	69
22	77	118	100	669	624	300	95	58	128	1,760	400	67
23	77	133	100	391	504	300	102	56	146	1,440	250	59
24	73	166	106	287	430	250	98	55	127	872	150	53
25	73	140	112	287	382	250	97	55	182	499	100	52
26	72	121	111	221	415	250	98	144	153	495	90	52
27	72	112	112	183	389	239	96	143	89	452	80	52
28	72	111	118	180	328	227	103	1,590	81	682	80	53
29	73	108	130	180	-----	233	440	817	314	714	77	54
30	72	102	134	600	-----	186	966	413	236	624	71	55
31	70	-----	144	1,500	-----	175	-----	189	-----	1,230	77	-----
TOTAL	2,959	2,530	3,260	9,465	14,758	25,899	5,398	6,084	3,049	32,967	10,818	2,195
MEAN	95.5	84.3	105	305	527	835	180	196	102	1,063	349	73.2
MAX	225	166	144	1,500	1,990	6,220	966	1,590	314	5,120	1,900	85
MIN	63	57	90	118	153	175	95	55	55	108	71	52
CFSM	.08	.07	.09	.27	.46	.73	.16	.17	.09	.93	.31	.06
IN.	.10	.08	.11	.31	.48	.84	.18	.20	.10	1.08	.35	.07

CAL YR 1962: TOTAL 585,494 MEAN 1,604 MAX 18,300 MIN 46 CFSM 1.41 IN 19.10
 MAY YR 1963: TOTAL 119,380 MEAN 327 MAX 6,220 MIN 52 CFSM .29 IN 3.89

2-4485 Noxbee River near Geiger, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	58	42	104	164	1,260	728	365	8,380	143	1,480	84	114
2	61	42	130	157	686	3,980	345	8,550	136	1,110	95	102
3	55	42	136	164	492	9,680	345	8,700	133	760	198	96
4	52	43	121	636	417	10,000	370	8,020	146	508	190	92
5	54	50	136	938	363	9,440	566	6,740	140	306	142	88
6	59	55	122	659	354	8,780	5,410	4,650	137	234	97	87
7	62	53	104	813	387	8,290	7,640	2,620	146	214	87	86
8	57	50	98	739	369	8,750	7,280	2,110	136	175	97	85
9	54	53	88	3,000	358	8,590	7,070	1,820	121	236	94	84
10	52	58	84	4,310	349	8,230	7,030	972	110	674	76	83
11	50	52	86	3,620	322	7,920	7,020	541	104	1,870	72	83
12	48	46	116	2,390	271	7,560	6,970	460	97	4,300	66	81
13	46	43	291	1,610	252	6,850	8,620	440	93	3,240	65	80
14	47	43	830	1,330	302	6,080	12,100	434	105	1,500	64	79
15	47	43	746	1,180	383	9,150	11,400	417	117	640	64	78
16	45	42	641	909	668	11,900	10,000	348	95	443	1,200	77
17	44	41	435	595	799	11,500	8,820	307	89	2,100	4,380	77
18	43	41	279	438	1,970	12,200	7,920	296	95	2,670	5,250	77
19	43	45	235	367	2,860	12,900	7,020	262	112	1,400	5,320	79
20	43	46	199	331	2,000	12,400	6,170	238	98	476	4,900	76
21	41	48	159	294	1,300	11,400	4,970	212	87	298	2,230	77
22	42	51	137	270	1,030	9,860	2,780	200	81	227	597	78
23	43	57	193	248	834	8,490	1,350	223	82	190	387	78
24	43	57	326	609	572	6,550	976	186	102	178	308	78
25	43	59	459	4,200	582	3,900	1,190	175	104	399	258	80
26	41	64	389	5,440	1,170	1,540	3,010	160	93	258	242	78
27	41	62	262	4,800	1,120	1,280	8,410	163	93	191	227	75
28	41	68	236	3,300	948	1,040	10,700	191	114	129	177	73
29	41	81	218	1,970	811	732	9,870	166	93	103	153	100
30	41	109	183	1,600	-----	571	8,590	144	232	95	139	170
31	41	-----	163	1,610	-----	441	-----	142	-----	91	125	-----
TOTAL	1,478	1,606	7,706	48,691	23,209	220,732	174,507	58,897	3,434	26,493	27,384	2,589
MEAN	47.7	53.5	249	1,580	742	7,125.5	5,810	1,880	93	191	227	80.5
MAX	62	109	830	5,440	2,860	12,900	12,100	232	112	4,300	5,320	170
MIN	41	41	84	157	252	441	345	142	81	91	64	73
CFSM	.04	.05	.22	1.38	.70	6.25	5.10	1.65	.10	.75	.77	.08
IN.	.05	.05	.25	1.59	.76	7.20	5.69	1.90	.11	.86	.89	.08

CAL YR 1963: TOTAL 121,421

MEAN 1,333

MAX 6,220

MIN 41

CFSM .29

IN 3.95

WAT YR 1964: TOTAL 596,096

MEAN 1,629

MAX 12,900

MIN 41

CFSM 1.43

IN 19.45

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	206	64	1,280	1,220	617	1,490	6,270	209	105	115	147	83
2	304	60	797	1,160	594	3,920	5,130	193	93	112	125	70
3	296	56	711	1,250	577	4,530	4,190	183	102	103	121	55
4	284	58	1,770	1,140	565	3,580	4,130	169	95	88	110	51
5	607	60	2,290	972	533	2,480	4,140	157	85	526	104	48
6	640	61	1,370	805	528	2,010	3,370	143	78	410	98	46
7	615	60	918	756	565	2,060	2,120	135	87	424	95	47
8	355	59	856	695	584	2,160	2,210	126	79	508	130	48
9	178	60	734	627	984	1,830	3,150	120	98	186	150	48
10	169	61	577	1,930	4,520	1,230	2,960	111	108	135	300	45
11	158	62	2,530	2,360	7,740	938	2,810	103	125	124	400	43
12	119	62	5,990	1,380	10,200	1,250	2,760	98	121	139	460	42
13	100	62	7,720	1,070	12,200	2,720	2,810	92	119	110	400	48
14	86	64	6,780	990	13,800	2,660	2,800	91	375	120	250	80
15	103	66	5,070	818	17,100	2,250	1,920	89	252	108	200	170
16	95	67	2,160	656	16,900	1,830	900	86	338	86	140	190
17	83	68	1,080	582	15,500	1,750	604	84	319	85	110	270
18	82	68	967	533	13,200	2,340	500	78	205	86	110	130
19	80	69	1,620	540	10,900	2,430	427	74	210	101	130	80
20	73	70	1,580	478	8,990	1,400	401	70	225	97	110	68
21	66	71	2,100	455	7,400	949	389	71	163	87	90	57
22	60	70	1,880	459	5,280	803	360	70	122	89	110	52
23	58	82	1,370	2,860	2,980	764	348	71	102	88	80	49
24	56	108	1,070	5,470	2,090	747	392	74	95	77	52	74
25	54	1,170	909	5,230	1,840	1,440	330	74	167	73	70	53
26	55	928	792	3,570	1,330	4,170	330	75	324	78	66	100
27	54	553	698	2,080	1,050	5,670	300	77	147	75	66	250
28	54	1,580	622	1,490	1,070	5,560	264	89	146	75	68	607
29	54	3,410	591	1,100	-----	5,220	248	87	119	195	66	466
30	55	2,770	574	813	-----	6,720	238	102	90	143	67	304
31	60	-----	635	676	-----	7,170	-----	135	-----	186	70	-----
TOTAL	5,261	12,089	59,041	44,129	159,637	84,071	56,824	3,329	4,694	4,900	4,517	3,652
MEAN	170	403	1,905	1,424	5,151	2,744	1,835	107	151	158	144	123
MAX	640	3,410	7,720	5,470	17,100	7,170	6,270	209	375	526	460	607
MIN	54	56	574	455	528	747	238	70	78	73	66	42
CFSM	.15	.35	1.67	1.25	5.00	2.38	1.66	.09	.14	.14	.13	.11
IN.	.17	.39	1.93	1.44	5.21	2.74	1.85	.11	.15	.16	.15	.12

CAL YR 1964: TOTAL 661,697

MEAN 1,808

MAX 12,900

MIN 54

CFSM 1.29

IN 21.59

WAT YR 1965: TOTAL 442,144

MEAN 1,211

MAX 17,100

MIN 42

CFSM 1.06

IN 14.42

Note --No gage-height record Aug 7 to Sept 27

2-4490 Tombigbee River at Gainesville, Ala

Location --Lat 32°49' 'long 88°09', in SE¹ 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

Records available --October 1938 to September 1955, October 1955 to September 1960 (fragmentary), October 1960 to September 1965 Gage-height records collected at same site since 1937 are contained in reports of U S Weather Bureau

Gage --Water-stage recorder Datum of gage is 63 29 ft above mean sea level, datum of 1939, supplementary adjustment of 1946 Prior to Feb 2, 1939, wire-weight gage at present site and datum Water-stage recorder 1 5 miles downstream from base gage used as base for low-water periods during 1963 water year Since Oct 15, 1939, an auxiliary graphic water-stage recorder at Epes, 19 miles downstream from base gage Prior to Oct 15, 1939, auxiliary staff gage at Epes, 700 ft upstream from site of auxiliary water-stage recorder

Average discharge --22 years (1838-55, 1960-65), 11,660 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum daily		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 26, 1961	115,000	a 50 90	Aug 16, 1961	1,100	b 9 98
1962	Dec 23, 1961	166,000	53 99	Sept 6, 1962	838	c 10 32
1963	July 21, 1963	42,900	53 65	Oct 31, 1962	-	10 38
1964	Apr 20, 1964	69,500	45 99	Oct 1, 29, 1963	-	10 26
1965	Feb 19, 1965	78,400	d 47 39	Sept 9, 1965	1,400	10 44

a Occurred Feb 28, 1961

b Occurred June 7, 1961

c Occurred Oct 25, 26, 1961

d Occurred Feb 20, 1965

1938-65 Maximum discharge, 168,000 cfs Jan 11, 1949, maximum gage height, 53 99 ft Dec 23, 1961, minimum daily discharge, 250 cfs Sept 21, 22, 1954

Remarks --Records good above 4,000 cfs, fair between 2,000 and 4,000 cfs, and poor below 2,000 cfs Discharge below 2,500 cfs is adversely affected by varying backwater from Demopolis lock and dam downstream Records of water temperature for water year 1965 are published in report of the Geological Survey

Cooperation --Gage-height record and 52 discharge measurements furnished by Corps of Engineers

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,400	2,240	3,640	10,300	4,780	99,700	54,100	11,300	3,220	3,070	2,460	2,410
2	2,300	4,360	3,820	12,600	4,510	89,800	56,800	9,150	2,940	2,750	1,940	1,790
3	2,150	4,970	3,500	13,700	4,630	80,800	58,400	8,420	2,700	2,510	1,720	1,930
4	1,990	4,420	3,670	14,600	4,860	71,900	60,200	8,430	2,520	3,010	1,970	2,230
5	1,640	4,310	3,300	15,100	5,760	61,800	62,200	7,990	2,200	2,410	1,770	1,870
6	2,140	3,930	3,100	15,100	5,970	53,500	64,200	6,910	2,370	2,190	1,670	2,430
7	1,930	3,390	2,830	13,500	5,700	48,200	65,400	6,130	2,190	1,940	1,640	2,480
8	2,420	3,180	2,820	11,700	5,380	42,100	65,400	6,320	2,690	2,190	1,510	2,320
9	3,290	2,720	2,730	10,200	7,370	37,900	61,200	7,910	3,000	4,490	1,650	2,370
10	4,210	2,140	2,770	8,480	10,100	36,700	56,200	8,070	3,740	5,760	1,760	2,320
11	5,140	2,410	2,790	7,150	10,000	35,000	50,300	8,960	3,870	4,360	2,020	2,440
12	4,340	4,660	2,620	6,380	8,470	32,900	44,600	9,110	3,610	9,400	1,720	2,350
13	3,720	5,150	3,370	5,580	7,290	33,300	39,900	8,240	3,850	22,500	1,750	2,080
14	3,160	4,920	4,540	5,030	6,730	34,800	35,400	7,460	3,940	24,700	1,640	2,010
15	2,720	4,440	4,230	4,820	6,650	34,400	32,000	6,320	3,830	23,400	1,570	1,660
16	2,010	3,970	3,890	4,880	6,280	34,100	29,300	5,890	3,520	20,700	1,100	1,680
17	1,840	3,730	3,650	5,260	5,760	33,900	27,400	8,330	3,400	17,700	1,970	1,790
18	2,020	3,470	3,520	5,590	5,380	38,300	25,000	9,960	3,190	13,600	6,410	1,950
19	2,020	3,770	3,340	5,290	9,670	41,700	20,300	8,420	2,880	11,200	8,750	1,840
20	2,070	3,860	3,440	5,250	22,600	40,100	16,000	6,670	3,450	9,660	9,310	1,490
21	1,860	3,460	3,600	7,020	42,200	39,400	13,000	5,260	5,130	8,850	6,870	1,680
22	2,130	3,400	3,540	8,500	63,600	39,100	10,700	4,460	9,720	7,060	4,540	1,350
23	2,520	3,100	5,140	7,850	83,300	36,800	10,100	4,010	10,600	5,780	3,200	1,450
24	2,720	3,980	5,740	6,670	96,300	34,200	9,210	3,730	8,660	5,700	3,340	1,270
25	2,590	4,800	5,240	5,970	107,000	32,700	8,260	3,690	6,660	6,750	3,690	1,360
26	2,040	5,650	4,490	5,890	112,000	30,300	7,680	3,660	8,960	6,420	2,640	1,340
27	1,960	5,470	4,170	6,830	112,000	26,700	8,900	3,390	8,930	5,590	3,060	1,250
28	1,850	5,100	4,100	7,140	108,000	25,300	15,400	3,460	5,600	4,700	3,870	1,260
29	1,790	4,560	3,800	6,460	-----	31,800	15,300	3,380	4,340	4,300	3,600	1,230
30	1,780	3,890	3,850	5,870	-----	36,400	13,400	3,710	3,620	3,400	2,340	1,310
31	2,300	-----	5,040	5,430	-----	43,400	-----	3,430	-----	2,700	2,540	-----
TOTAL	77,150	119,140	116,280	254,140	872,140	1,357,000	1,036,300	201,770	135,630	248,880	94,020	54,940
MEAN	2,489	3,771	3,751	8,198	31,150	43,770	34,540	6,509	4,521	8,028	3,033	1,831
MAX	5,140	5,650	5,740	15,100	112,000	99,700	65,400	11,300	10,600	24,700	9,310	2,480
MIN	1,640	2,140	2,620	4,820	4,510	25,300	7,680	3,380	2,190	1,940	1,100	1,230
CFSM	.29	.46	.43	.94	3.58	5.03	3.97	.75	.52	.92	.35	.21
IN.	.33	.51	.50	1.09	3.73	5.80	4.43	.86	.58	1.06	.40	.23

CAL YR 1960: TOTAL 4,567,340

MEAN 12,510 MAX 112,000 MIN 1,100 CFSM 1.44 IN 19.52

WAT YR 1961: TOTAL 4,567,340

M Expressed in thousands

2-4490 Tombigbee River at Gainesville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,110	1,100	17,700	48,500	57,400	46,900	27,400	16,100	3,630	4,550	2,520	1,600
2	918	1,300	11,200	40,100	59,200	49,800	30,200	13,500	7,950	4,550	2,660	1,910
3	1,120	1,450	7,750	33,200	60,600	50,400	28,700	11,800	8,470	3,680	2,610	2,180
4	1,400	922	6,200	26,300	61,000	31,800	26,200	10,600	8,170	3,000	2,300	2,300
5	1,650	1,420	5,270	23,500	60,200	52,300	22,000	8,970	7,190	2,600	2,530	1,830
6	1,930	1,610	5,040	31,900	56,100	51,700	25,000	7,990	6,230	2,360	2,500	838
7	2,140	2,150	7,730	38,300	51,300	50,500	32,100	6,790	6,120	2,210	2,840	1,250
8	1,930	2,350	10,100	39,700	44,500	48,400	35,700	6,030	6,070	2,870	2,980	1,720
9	1,700	2,670	9,490	39,700	34,400	47,200	37,300	5,910	5,240	4,460	2,610	2,370
10	1,820	2,380	12,800	39,800	21,300	45,600	37,800	5,410	4,530	3,670	2,430	2,090
11	1,860	2,080	20,800	39,800	13,800	44,100	44,200	5,060	3,750	2,790	2,110	1,990
12	1,480	1,910	31,100	40,100	12,100	43,700	62,200	4,740	3,630	2,330	2,320	1,680
13	1,470	1,760	40,600	39,300	10,900	42,800	58,300	4,350	3,620	2,040	2,210	954
14	1,210	3,320	44,800	38,700	10,100	41,700	57,300	4,140	3,680	1,700	2,190	2,290
15	1,310	11,900	51,100	39,600	9,420	40,700	55,600	3,850	4,520	1,710	1,740	2,230
16	1,390	18,000	54,700	41,900	10,700	40,000	54,900	3,780	4,650	1,870	1,600	1,620
17	1,380	21,100	59,700	40,500	14,900	37,900	55,800	3,430	4,240	2,040	1,230	1,930
18	1,300	23,000	74,800	38,500	15,600	35,900	53,600	3,390	4,550	2,580	1,700	2,120
19	1,560	23,400	99,800	40,600	14,200	27,000	60,700	3,150	3,170	2,480	1,930	1,670
20	1,400	22,300	115,000	42,900	14,800	19,100	62,700	3,020	3,640	2,140	1,390	2,160
21	1,300	19,100	135,000	41,900	16,800	14,900	63,200	3,100	3,000	1,820	1,510	2,220
22	1,200	12,600	157,000	39,700	22,900	13,400	61,200	2,770	2,860	1,450	1,470	1,860
23	1,450	10,200	165,000	37,600	38,700	13,400	57,200	2,710	2,810	1,530	1,720	2,140
24	1,110	16,300	155,000	39,400	41,300	12,800	50,200	2,740	3,140	1,650	1,860	1,720
25	1,300	21,900	138,000	40,100	42,500	12,600	40,200	2,300	3,140	1,700	1,600	1,560
26	1,000	23,500	119,000	39,700	43,000	12,900	24,300	2,150	3,020	1,880	1,800	1,300
27	1,200	23,900	103,000	44,300	43,900	15,300	13,300	2,260	3,280	2,070	2,130	1,010
28	1,380	24,500	87,300	49,500	45,100	17,500	12,000	2,220	6,250	2,380	1,790	2,210
29	1,200	24,700	74,800	51,900	-----	17,300	16,900	2,430	6,320	3,210	1,460	1,310
30	1,200	23,500	64,300	53,400	-----	15,000	18,500	2,150	5,030	3,080	1,720	1,620
31	1,100	-----	56,600	55,600	-----	17,400	-----	2,040	-----	2,730	1,510	-----
TOTAL MEAN	43,518 1,404	346,322 11,545	1,940,711 62,600	2,255,658 40,500	933,770 33,350	1,028,014 33,160	1,229,119 40,970	158,970 4,897	140,910 4,917	79,530 2,565	62,930 2,030	52,485 1,785
MAX	2,140	24,700	165,000	55,600	61,000	52,300	63,200	16,100	8,470	4,660	2,980	2,370
MIN	918	922	5,040	23,500	9,420	12,600	12,000	2,040	2,770	1,530	1,230	838
CFSM	1.16	1.33	7.20	4.66	3.83	3.81	4.71	.59	.54	.29	.23	.20
IN.	.19	1.48	8.30	5.37	3.99	4.39	5.23	.68	.60	.34	.27	.22

CAL YR 1961: TOTAL 6,585,290

MEAN 18,040

MAX 165,000

MIN 918

CFSM 2.07

IN 28.15

WAT YR 1962: TOTAL 7,271,862

MEAN 19,920

MAX 165,000

MIN 838

CFSM 2.29

IN 31.04

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1		876		3,710	9,160	4,510	6,060	13,500	23,000	8,230	8,320	1,490
2		900		3,860	9,540	4,790	5,410	16,500	23,000	6,470	8,970	1,940
3	800	972	1,400	3,670	12,700	4,880	5,160	18,200	21,200	5,730	7,900	1,710
4		1,230		3,370	11,300	5,510	4,890	19,500	18,600	6,420	5,850	
5		1,300		3,050	10,000	5,770	4,530	21,100	15,300	7,660	4,840	1,500
6	966	1,040		2,650	8,710	9,630	4,190	20,800	11,900	6,430	4,150	
7	1,050	1,140		2,530	7,400	13,900	4,190	17,200	7,450	5,010	3,720	3,190
8	1,140	1,040		2,410	6,380	16,800	4,110	13,000	5,350	4,020	3,020	3,120
9	1,320			2,190	5,710	18,200	5,550	10,600	4,260	3,160	2,630	
10	880			2,310	5,300	19,000	6,150	9,120	3,500	4,170	2,530	1,830
11			900	2,330	4,700	19,400	5,720	7,420	3,010	4,990	2,480	1,510
12				2,540	4,490	21,300	5,240	6,180	2,290	4,250	2,210	1,560
13			1,300	2,430	4,430	29,200	5,010	4,850	2,380	3,330	2,250	1,400
14				2,940	5,180	28,600	4,650	4,120	2,450	3,140	1,960	1,610
15	800	1,040		3,150	4,970	25,500	4,250	3,890	1,970	12,700	2,040	1,550
16		1,050		3,100	4,420	25,700	3,860	3,640	1,690	24,100	2,310	1,580
17			1,000	2,980	4,080	27,500	3,680	3,300	1,830	32,700	2,160	1,400
18				2,700	3,660	30,400	3,260	3,140	1,830	39,700	2,410	1,300
19			1,660	5,660	4,370	31,900	3,270	3,020	2,230	42,000	2,360	1,300
20	803	1,090	1,670	8,990	5,490	33,100	2,840	2,790	3,230	42,600	1,700	1,200
21	882	1,650	2,020	6,330	7,890	33,200	2,980	2,550	3,790	42,400	1,770	
22	900	2,160	1,670	5,660	8,710	31,500	2,870	2,310	6,170	42,300	1,930	
23	877	2,230	1,960	5,310	7,660	26,100	2,530	2,120	9,640	39,600	1,850	
24	876	2,090	1,860	4,670	6,450	17,800	2,630	2,160	11,200	35,700	2,150	
25	790	2,150	2,180	4,340	5,710	11,100	2,470	1,980	11,500	27,800	2,160	
26	875	2,030	2,770	4,530	5,420	8,770	2,280	2,100	11,800	16,300	1,840	1,000
27	878	1,700	2,650	4,420	5,190	8,480	2,550	3,460	12,300	10,300	1,880	
28	879	1,600	3,030	4,090	4,930	9,090	3,650	11,800	12,700	9,880	1,660	
29	1,040	1,500	3,250	4,010	-----	8,860	5,690	17,500	12,300	8,990	1,430	
30	793	1,400	3,080	6,810	-----	8,250	7,990	19,100	10,700	7,860	1,400	
31	872	-----	3,460	6,810	-----	7,350	-----	21,200	-----	8,320	1,400	-----
TOTAL MEAN	27,021 872	38,588 1,284	55,160 1,779	121,350 3,915	183,950 6,370	546,290 17,620	127,660 4,255	288,150 9,295	258,570 8,619	515,960 16,640	93,280 3,009	44,820 1,494
MAX	1,320	2,230	3,460	8,990	12,700	33,200	7,990	21,200	23,000	42,600	8,970	3,190
MIN	-	-	-	2,190	3,660	4,510	2,280	1,980	1,690	3,140	1,400	-
CFSM	1.10	1.15	1.20	4.15	4.76	12.03	4.49	1.07	.99	1.91	.35	.17
IN.	.12	.16	.24	.52	.79	2.34	.55	1.23	1.11	2.21	.40	.19

CAL YR 1962: TOTAL 5,042,111

MEAN 13,870

MAX 63,200

MIN 790

CFSM 1.32

IN 21.64

WAT YR 1963: TOTAL 2,300,799

MEAN 6,304

MAX 42,600

MIN 790

CFSM 1.72

IN 9.84

2-4490 Tombigbee River at Gainesville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	870	740	3,980	4,630	26,500	12,900	22,300	57,900	3,330	3,560	2,250	1,690
2	870	740	4,360	4,320	18,400	21,900	20,200	59,800	3,180	3,490	2,440	1,600
3	870	740	3,930	4,080	13,600	40,700	17,800	61,300	3,040	4,260	2,350	1,250
4	870	740	3,750	4,800	11,900	44,300	14,800	61,600	3,470	4,230	2,440	1,240
5	870	740	3,460	8,280	10,200	44,900	13,400	59,600	3,690	4,150	2,500	1,140
6	790	1,500	3,060	9,120	9,210	45,000	32,400	56,000	3,620	4,080	2,120	966
7	790	1,500	2,870	9,850	9,750	45,100	46,400	51,100	3,410	3,420	2,130	952
8	790	1,500	2,720	11,900	11,900	46,800	48,800	46,600	3,250	3,060	2,130	1,090
9	790	1,500	2,490	20,000	12,300	47,400	49,300	41,800	2,770	3,020	2,420	1,030
10	790	1,500	2,360	27,100	10,500	48,000	49,600	32,800	3,060	3,150	2,320	1,210
11	710	1,200	2,480	29,100	8,790	48,400	49,800	20,000	2,820	5,120	2,340	1,220
12	710	1,200	5,000	28,500	7,500	47,500	50,800	13,400	2,800	11,100	2,240	1,220
13	710	1,200	15,100	28,600	6,980	46,500	54,700	11,200	2,760	9,070	2,100	1,380
14	710	1,200	20,700	28,200	7,020	45,100	61,600	9,890	3,120	9,260	2,000	1,260
15	710	1,200	22,900	27,100	9,950	49,200	64,800	9,350	3,160	10,700	2,100	1,790
16	670	900	24,200	24,400	14,300	54,700	65,600	8,490	2,740	9,560	3,060	1,820
17	670	900	23,700	19,700	17,400	57,100	66,100	7,540	2,610	8,460	7,130	2,000
18	670	900	19,800	14,800	22,200	57,200	67,700	6,230	2,440	7,870	10,700	1,880
19	670	900	12,400	12,000	26,400	57,600	68,900	5,850	2,280	5,610	12,100	2,210
20	670	900	8,850	10,600	27,500	58,000	69,400	5,180	2,260	4,280	11,300	2,180
21	670	960	6,730	9,510	28,000	58,100	67,500	4,990	2,240	3,510	6,920	2,290
22	670	960	5,710	8,930	27,800	58,100	63,100	4,440	2,160	2,880	3,510	2,290
23	670	960	5,180	7,960	26,000	57,400	56,700	4,190	1,950	2,670	2,600	2,240
24	670	960	5,610	9,020	22,100	56,600	47,900	4,140	1,870	3,110	2,160	2,260
25	670	960	6,330	21,700	17,600	53,200	39,300	3,970	2,060	3,800	1,840	2,390
26	680	2,500	5,920	29,900	15,900	49,400	34,600	3,660	2,220	3,820	1,960	2,240
27	680	2,500	5,310	32,100	14,900	42,500	44,000	3,470	2,280	3,570	2,130	2,310
28	680	2,500	5,250	32,900	13,600	33,500	51,600	3,760	2,090	3,220	2,030	2,240
29	680	2,500	5,220	31,600	12,600	26,800	55,000	3,420	2,330	2,770	1,960	2,280
30	680	2,500	5,180	30,900	-----	23,500	56,200	3,250	2,430	2,530	1,800	2,750
31	680	-----	4,720	30,300	-----	22,600	-----	3,450	-----	2,380	1,830	-----
TOTAL	22,630	39,000	249,070	571,900	460,800	1,400,000	1,450,300	668,370	81,440	151,710	106,910	52,418
MEAN	730	1,300	8,035	18,450	15,890	45,160	48,340	21,560	2,715	4,894	3,449	1,747
MAX	870	2,500	24,200	32,900	28,000	58,100	69,400	61,600	3,690	11,100	12,100	2,750
MIN	670	740	2,360	4,960	6,980	12,300	13,400	3,250	1,870	2,300	1,670	1,090
CFSM	.08	.15	.92	2.12	1.83	5.19	5.56	4.31	.31	.56	.40	.22
IN.	.10	.17	1.06	2.44	1.97	5.98	6.20	2.86	.35	.65	.46	.22

CAL YR 1963: TOTAL 2,490,730 MEAN 6,824 MAX 42,600 MIN 670 CFSM 1.78 IN 10.65
 MAY YR 1964: TOTAL 5,234,548 MEAN 14,360 MAX 69,400 MIN 670 CFSM 1.63 IN 22.46

M Expressed in thousands

Note --Indefinite stage-discharge relation Oct 1 to Nov 30

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,010	2,030	16,700	14,800	6,870	21,400	43,900	5,310	2,300	1,350	2,280	2,940
2	4,900	2,160	14,500	12,700	6,590	26,100	44,800	4,780	2,170	1,510	1,960	2,530
3	4,490	1,960	12,200	11,800	6,560	28,400	45,700	4,190	1,890	1,440	1,730	2,200
4	3,950	1,970	15,100	11,700	6,660	27,400	47,000	3,880	1,840	1,570	1,670	1,420
5	5,160	1,800	15,500	12,100	6,620	27,000	47,000	3,700	1,770	1,790	1,530	1,800
6	5,710	1,740	12,500	11,400	6,380	27,300	45,100	3,360	1,700	1,930	1,480	1,700
7	6,820	1,810	10,200	9,940	6,840	27,300	41,600	3,130	1,840	2,030	1,470	1,530
8	7,040	1,720	8,710	8,960	6,810	25,300	39,400	2,960	1,710	3,790	1,720	1,420
9	6,650	1,870	7,800	8,310	11,900	28,900	41,400	2,800	2,310	4,330	2,310	1,400
10	4,940	1,720	6,870	11,100	31,600	16,300	42,300	2,600	3,040	4,250	3,690	1,610
11	3,160	1,800	11,600	15,300	43,700	13,100	41,500	2,470	3,220	3,640	4,600	1,660
12	2,530	1,970	28,600	16,300	50,400	13,300	38,400	2,370	3,420	3,020	4,280	1,490
13	2,180	1,910	34,100	16,100	56,200	19,200	32,000	2,360	3,410	2,660	3,370	1,520
14	1,970	1,970	33,500	14,300	58,600	23,300	26,100	2,450	4,110	2,070	2,620	3,180
15	2,110	1,890	32,000	12,200	61,100	24,200	20,400	2,500	3,820	1,890	2,100	3,880
16	2,310	1,850	28,800	10,800	65,500	23,700	14,500	2,380	3,790	1,580	2,040	3,460
17	2,370	1,770	25,800	9,650	69,900	22,200	11,200	2,220	3,050	1,680	1,840	2,640
18	2,710	2,840	22,200	8,830	75,100	20,900	9,490	1,980	2,950	1,750	1,700	2,230
19	3,060	1,860	19,100	8,270	77,900	20,800	8,700	2,000	2,780	1,680	1,570	1,880
20	2,960	1,820	18,300	7,870	77,400	20,400	8,260	2,160	2,580	1,770	1,430	1,750
21	2,680	1,930	18,700	7,160	73,900	21,000	7,820	2,490	2,250	1,590	1,570	1,650
22	2,400	2,820	17,800	6,430	68,900	22,300	7,960	2,000	2,980	1,560	1,560	1,550
23	2,130	3,600	15,900	13,900	61,300	15,500	7,240	3,230	1,840	1,430	1,760	1,490
24	1,980	3,940	13,700	23,000	50,600	12,800	6,510	3,030	1,520	1,640	1,630	1,410
25	1,870	5,950	12,400	24,500	39,800	13,400	5,850	2,830	1,700	1,500	1,630	2,760
26	1,830	5,360	11,800	21,300	26,200	20,600	5,410	2,660	1,730	1,650	1,790	2,480
27	1,550	4,060	12,400	17,420	20,800	22,300	4,620	2,420	1,800	2,130	1,910	2,170
28	1,630	8,980	12,200	13,100	19,900	33,200	5,090	2,380	1,820	3,070	1,910	1,950
29	1,700	14,700	10,700	10,200	-----	39,300	5,410	2,140	1,600	3,260	1,950	1,900
30	1,640	17,500	9,660	8,500	-----	40,600	5,750	2,350	1,490	2,890	2,120	1,710
31	1,750	-----	12,100	7,420	-----	43,200	-----	2,550	-----	2,670	2,550	-----
TOTAL	109,190	108,280	521,440	385,090	1,094,200	735,300	711,000	88,480	71,430	69,120	65,770	61,840
MEAN	3,522	3,493	16,180	12,420	35,300	23,720	23,000	2,854	2,381	2,230	2,122	2,061
MAX	7,040	17,500	34,100	24,500	77,900	43,200	47,000	5,310	4,110	4,330	4,600	3,880
MIN	1,550	1,720	6,870	6,480	6,380	12,800	5,090	1,980	1,490	1,350	1,430	1,400
CFSM	.37	.41	1.93	1.43	4.49	2.73	2.72	.33	.27	.26	.24	.24
IN.	.43	.46	2.23	1.65	4.68	3.14	3.04	.38	.31	.30	.28	.26

CAL YR 1964: TOTAL 5,673,758 MEAN 15,500 MAX 69,400 MIN 952 CFSM 1.78 IN 24.25
 MAY YR 1965: TOTAL 4,012,110 MEAN 10,990 MAX 77,900 MIN 1,350 CFSM 1.26 IN 17.15

M Expressed in thousands

2-4494 Jones Creek near Epes, Ala

Location --Lat 32°41'20", long 88°10'00" on line between secs 22 and 23, T 20 N, R 2 W, at bridge on State Highway 39, 2 5 miles west of Epes, and 6 miles upstream from mouth

Drainage area --11 7 sq mi

Records available --May 1959 to September 1965

Gage, --Water-stage recorder Concrete control since Sept 9, 1959 Altitude of gage is 125 ft (from topographic map)

Average discharge --6 years, 17 9 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,600 cfs revised), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	1500	* 5,160	21 46	Jan 19, 1963	1330	2,200	16 20	Apr 26, 1964	2330	1,920	15 08
Mar 7, 1961	0200	1,620	13 58	Mar 5, 1963	1830	* 2,280	16 43	Dec 4, 1964	0215	* 2,760	18 02
Mar 17, 1961	1200	1,710	14 03	May 27, 1963	2200	1,600	13 46	Dec 11, 1964	0930	2,080	15 65
Mar 31, 1961	0300	2,020	15 48	Mar 2, 1964	1200	* 2,490	17 22	Feb 10, 1965	1030	1,620	13 60
Dec 17, 1961	2130	2,290	16 57	Mar 15, 1964	0400	1,940	15 15	Feb 11, 1965	2300	2,100	15 78
Jan 18, 1962	2400	1,600	13 45	Apr 8, 1964	0430	2,180	16 10				
Mar 31, 1962	0330	1,910	15 05	Apr 12, 1964	1730	1,860	15 24				
Apr 12, 1962	0200	* 2,980	18 55	Apr 13, 1964	1000	1,770	14 35				

No flow many days each year

1959-65 Maximum discharge, 5,160 cfs Feb 21, 1961 (gage height, 21 46 ft), from rating curve extended above 1,500 cfs on basis of a contracted-opening measurement of peak flow, no flow for many days each year

Remarks --Records fair above 3 0 cfs and poor below

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.09	4.5	.44	15	4.5	10	15	.82	0	8.2	0	0
2	.04	2.7	.31	8.3	22	8.3	8.6	.82	0	14	0	0
3	0	1.8	.31	6.2	35	7.1	11	.48	0	12	0	0
4	0	1.3	.36	4.9	9.3	6.5	11	.44	0	7.3	0	0
5	267	1.0	.31	4.7	6.5	5.9	6.5	.36	0	2.7	0	0
6	70	.62	.27	4.2	6.2	124	5.2	.23	0	2.1	1.0	0
7	25	.62	.27	4.2	17	350	4.5	.20	0	1.5	.06	0
8	8.0	.52	.31	5.4	9.7	16	3.7	.16	0	2.4	0	0
9	4.5	.48	.52	3.7	6.5	5.8	56	.20	0	3.0	0	0
10	2.8	2.6	.36	3.1	4.9	4.4	6.5	.16	0	84	0	0
11	2.0	1.3	2.7	3.0	4.0	4.0	4.7	.20	0	127	0	0
12	1.5	.77	1.2	2.8	3.7	4.0	86	.16	0	214	31	0
13	1.0	.62	.67	12	3.1	57	7.6	.13	0	396	1.7	0
14	.72	.62	.57	28	2.7	6.8	4.9	.09	0	30	.04	0
15	.57	.48	3.9	10	2.5	4.1	3.8	.09	0	9.7	1.9	0
16	.44	.48	3.0	7.3	2.2	3.4	3.0	.06	0	4.5	1.4	0
17	.31	.77	1.8	5.9	91	140	2.4	.04	0	3.0	.06	0
18	.20	.62	1.5	5.2	639	289	2.1	.02	0	12	0	0
19	.13	.48	1.3	25	451	9.7	1.9	0	0	55	0	0
20	.23	.31	9.4	9.3	378	31	1.8	0	.54	4.7	.35	0
21	.11	.20	29	5.6	1,930	23	1.5	0	1.8	4.0	.31	0
22	.07	.27	5.2	4.7	560	6.7	1.4	0	.20	8.7	0	0
23	.04	6.9	4.0	4.9	30	4.6	1.3	0	.06	13	0	0
24	.01	2.3	3.8	5.2	124	3.6	1.1	0	0	4.7	5.4	0
25	.01	1.6	3.3	11	82	3.1	1.0	0	26	2.0	1.6	0
26	.01	1.2	3.3	95	15	2.9	7.5	0	364	1.1	.01	0
27	.01	1.1	2.7	16	11	4.6	1.4	0	8.0	.48	0	0
28	.01	1.1	2.3	9.3	22	378	.88	0	3.1	.48	0	0
29	.01	.88	2.4	7.3	-----	147	.67	0	1.6	.23	0	0
30	1.7	.62	4.2	5.4	-----	167	.62	0	.94	.01	0	0
31	74	-----	154	4.9	-----	529	-----	0	-----	0	-----	0
TOTAL	460.51	38.76	245.70	337.5	4,472.8	2,356.5	263.57	4.66	406.24	1,027.99	44.83	0
MEAN	14.9	1.29	7.93	10.9	160	76.0	8.79	.15	13.5	33.2	1.43	0
MAX	267	6.9	156	95	1,930	529	86	.82	364	396	31	0
MIN	0	.20	.27	2.8	2.2	2.9	.62	0	0	0	0	0
CFSM	1.27	.11	.68	.93	13.7	6.50	.75	.01	1.16	2.83	.12	0
IN.	1.46	.12	.78	1.07	14.2	7.49	.84	.01	1.29	3.27	.14	0

CAL YR 1960: TOTAL 4,581.62 MEAN 12.5 MAX 320 MIN 0 CFSM 1.07 IN 14.56
WAT YR 1961: TOTAL 9,699.06 MEAN 26.5 MAX 1,930 MIN 0 CFSM 2.26 IN 30.70

2-4494 Jones Creek near Epes, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	1.4	79	5.2	3.8	14	4.0	0	0	0	0
2	4.9	0	1.6	10	4.2	4.7	6.8	3.3	0	0	0	0
3	1.4	0	1.6	7.0	3.7	4.0	5.2	2.5	0	0	0	0
4	0	3.8	1.4	5.6	3.5	3.5	4.2	1.9	0	0	0	0
5	0	.92	22	154	3.3	3.0	39	1.5	0	0	5.0	0
6	0	0	44	150	2.7	2.7	80	1.1	0	0	2.6	0
7	0	0	12	12	2.3	2.6	13	.77	0	0	0	0
8	0	0	6.7	8.0	2.4	2.5	8.3	.62	0	0	0	0
9	0	0	159	6.5	2.7	85	5.4	.44	0	0	0	0
10	0	0	117	5.6	1.9	12	4.2	.31	0	0	0	0
11	0	0	406	4.8	1.7	11	118	.23	0	0	0	0
12	0	0	586	4.2	1.7	6.8	725	.20	0	0	0	0
13	0	66	22	3.8	1.7	4.2	15	.13	0	0	0	0
14	0	60	560	35	1.5	3.5	8.3	.11	0	0	0	.43
15	0	6.6	82	292	1.5	5.4	5.9	.11	0	0	.04	.03
16	0	26	28	26	3.7	3.3	4.5	.11	0	0	0	21
17	0	3.1	1,050	19	1.8	2.7	4.0	.09	0	0	0	17
18	0	1.9	231	280	1.5	2.5	3.7	.04	0	0	0	0
19	0	1.4	18	388	1.9	2.4	3.1	.02	0	0	0	0
20	0	.94	10	29	1.3	2.3	2.7	.02	0	0	0	0
21	0	.67	6.8	22	77	2.4	2.1	0	0	0	0	0
22	0	56	5.6	20	144	1.8	1.8	0	0	0	0	0
23	0	260	5.0	54	23	1.8	1.6	0	0	0	0	0
24	0	8.8	4.5	31	14	1.7	21	0	0	0	0	0
25	0	4.2	4.0	22	6.8	53	22	0	3.1	0	0	0
26	0	3.1	3.5	270	5.6	4.5	3.1	0	.49	0	0	0
27	0	2.7	9.0	377	4.9	3.0	2.1	0	.21	0	0	0
28	0	2.0	6.2	36	3.3	2.4	98	0	1.0	45	0	0
29	0	1.6	4.0	10	-----	1.9	15	0	0	16	0	0
30	0	1.3	3.3	7.6	-----	3.7	6.5	0	0	.45	0	0
31	0	-----	102	5.4	-----	480	-----	0	-----	0	0	-----
TOTAL	6.3	511.03	3,513.6	2,372.5	328.8	724.1	1,243.5	17.50	4.80	61.45	7.64	38.46
MEAN	.20	17.0	113	76.5	11.7	23.5	41.5	.56	1.6	1.98	.25	1.28
MAX	4.9	260	1,050	388	144	480	725	4.0	3.1	45	5.0	21
MIN	0	0	1.4	3.8	1.3	1.7	1.6	0	0	0	0	0
CFSM	.02	1.46	9.69	6.54	1.00	2.00	3.94	.05	.01	.17	.02	.11
IN.	.02	1.62	11.2	7.54	1.05	2.30	3.95	.06	.02	.20	.02	.12

CAL YR 1961: TOTAL 12,945.02 MEAN 35.5 MAX 1,930 MIN 0 CFSM 3.03 IN 41.15
 WAT YR 1962: TOTAL 8,829.68 MEAN 24.2 MAX 1,050 MIN 0 CFSM 2.07 IN 28.07

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	0	0	11	77	.90	5.6	1.2	.30	0	0
2	0	0	0	0	12	11	.80	3.5	.60	.60	0	0
3	0	0	0	0	45	6.8	.80	2.5	.40	13	0	0
4	0	0	0	0	9.7	6.5	.50	1.7	.30	2.0	0	0
5	0	0	0	0	7.6	602	.40	1.1	.20	.50	0	0
6	0	0	0	0	6.6	62	.50	.70	.40	.20	0	0
7	0	0	0	0	5.2	14	.60	.50	.20	.10	0	0
8	4.3	0	0	0	4.2	9.0	.40	.40	.10	.10	0	0
9	.50	0	0	0	3.8	8.3	.40	.30	0	0	0	0
10	0	0	0	0	3.7	7.0	.40	.20	0	0	0	0
11	0	0	0	66	4.7	6.2	.30	.20	0	0	0	0
12	0	0	0	7.0	5.4	169	.30	.10	0	0	0	0
13	0	0	0	6.4	4.2	19	.20	.10	0	2.5	0	0
14	0	0	0	2.3	3.3	9.7	.10	.10	0	.80	0	0
15	0	0	0	1.1	2.8	7.3	.10	0	0	.30	0	0
16	0	0	0	1.4	2.5	6.8	.10	0	0	70	0	0
17	0	0	0	1.0	2.5	6.8	.10	0	1.3	3.5	0	0
18	0	0	0	44	38	5.9	.10	0	.30	1.7	0	0
19	0	0	0	618	63	14	.10	0	.10	1.2	0	0
20	0	0	0	83	9.7	14	1.4	0	9.2	.20	0	0
21	0	.60	0	15	6.5	4.7	.60	0	1.6	.10	0	0
22	0	0	0	8.3	4.2	3.8	.20	0	173	0	0	0
23	0	0	0	9.0	4.5	3.5	.10	0	151	0	0	0
24	0	0	0	5.0	8.6	3.1	0	0	16	0	0	0
25	0	0	0	4.0	5.4	3.9	.10	.10	5.2	0	0	0
26	0	0	0	6.5	4.0	4.2	.10	25	3.3	0	0	0
27	0	0	0	7.0	3.1	2.6	.10	223	2.5	0	0	0
28	0	0	0	4.2	3.1	2.2	130	215	1.5	0	0	0
29	0	0	1.4	4.2	-----	1.7	142	15	.80	0	0	0
30	0	0	.20	96	-----	1.1	28	4.2	.50	.70	0	0
31	0	-----	0	21	-----	1.1	-----	2.5	-----	0	0	-----
TOTAL	4.80	0.60	1.60	1,010.4	284.3	1,094.2	309.70	501.80	369.70	97.80	0	0
MEAN	.15	.020	.052	32.6	10.2	35.3	10.3	16.2	12.3	3.15	0	0
MAX	4.3	.60	1.4	618	63	602	142	223	173	70	0	0
MIN	0	0	0	0	2.5	1.1	0	0	0	0	0	0
CFSM	.01	.002	.004	2.79	.87	3.02	.88	1.38	1.05	.27	0	0
IN.	.02	.002	.005	3.21	.90	3.48	.98	1.60	1.18	.31	0	0

CAL YR 1962: TOTAL 4,805.75 MEAN 13.2 MAX 725 MIN 0 CFSM 1.13 IN 12.28
 WAT YR 1963: TOTAL 3,674.90 MEAN 10.1 MAX 618 MIN 0 CFSM .86 IN 11.68

2-4494 Jones Creek near Epes, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	0	4.0	4.2	6.8	2.5	3.1	0	0	4.80	0
2	0	0	0	1.1	3.1	674	2.0	8.6	0	0	4.30	0
3	0	0	0	26	2.6	30	2.0	4.5	0	0	4.20	0
4	0	0	0	33	2.3	113	2.0	2.5	0	0	4.10	0
5	0	0	0	8.1	11	25	98	1.9	0	0	4.40	0
6	0	0	0	56	7.2	8.5	825	1.5	.30	0	4.20	0
7	0	0	0	14	4.0	19	28	1.2	1.0	0	4.30	0
8	0	0	0	12	3.3	12	111	1.0	0	0	4.30	0
9	0	0	0	274	2.8	78	10	.90	0	3.7	4.10	0
10	0	0	0	8.6	2.3	32	6.2	.80	0	.80	4.10	0
11	0	0	0	6.5	2.2	12	4.4	.70	0	11	4.10	0
12	0	0	.90	8.4	2.0	8.6	375	19	0	3.7	4.3	0
13	0	0	8.0	4.7	13	6.9	395	4.4	0	1.0	.90	0
14	0	0	15	3.5	11	195	24	1.2	0	.10	.20	0
15	0	0	1.1	3.8	70	537	10	.80	0	0	1.3	0
16	0	0	.20	4.0	16	18	6.2	.60	0	0	5.5	0
17	0	0	.10	4.9	26	10	4.4	.50	0	0	.90	0
18	0	0	0	3.5	283	7.3	3.1	.40	0	0	.40	0
19	0	0	0	3.3	16	16	2.6	.30	0	0	.30	0
20	0	0	0	3.7	8.0	12	1.9	.20	0	0	.20	0
21	0	0	0	2.3	5.9	8.6	1.7	.10	0	0	.20	0
22	0	0	.30	2.2	4.9	5.1	1.4	.10	0	0	.10	0
23	0	0	5.0	2.5	3.7	4.2	1.2	0	0	0	.10	0
24	0	0	1.8	330	3.5	3.6	1.9	0	0	17	0	0
25	0	0	.70	44	110	4.0	164	0	0	7.5	0	0
26	0	0	.50	9.0	17	57	420	0	0	.20	0	0
27	0	0	.40	5.9	13	8.2	209	0	0	.10	0	0
28	0	0	.20	4.5	12	5.4	14	0	0	7.2	0	0
29	0	0	.20	3.5	6.5	4.0	7.4	0	0	2.8	0	152
30	0	0	.10	3.3	-----	3.0	4.4	0	0	.80	0	2.8
31	0	0	.20	5.9	-----	2.8	-----	0	0	3.6	0	-----
TOTAL	0	0	34.70	892.60	666.5	1,927.0	2,738.3	54.30	1.30	54.50	17.20	154.8
MEAN	0	0	1.12	28.8	23.0	62.2	91.3	1.75	.043	1.76	.55	5.16
MAX	0	0	15	330	283	674	825	19	1.0	17	5.5	152
MIN	0	0	0	.40	2.0	2.8	1.2	0	0	0	0	0
CFSH	0	0	.10	2.46	1.96	5.31	7.80	.15	.004	.15	.05	.44
IN.	0	0	.11	2.84	2.12	6.13	8.70	.17	.004	.17	.05	.49
CAL YR 1963:	TOTAL 3,702.60			MEAN 10.1	MAX 618	MIN 0	CFSH .87	IN 11.77				
WAT YR 1964:	TOTAL 6,541.20			MEAN 17.9	MAX 825	MIN 0	CFSH 1.53	IN 20.79				

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.80	.30	4.5	16	5.8	136	7.1	.60	0	2.5	0	0
2	.80	.20	4.0	15	5.7	57	5.3	.50	0	0	0	0
3	.60	.20	50	2.0	2.5	14	77	.40	0	0	0	0
4	305	.20	560	8.9	2.5	13	31	.30	0	3.0	0	0
5	14	.20	22	6.8	2.0	7.9	12	.20	0	.40	0	0
6	1.4	.20	15	6.0	100	6.8	6.6	.10	0	0	0	0
7	.60	.20	13	5.3	22	5.0	5.0	.10	0	3.2	0	0
8	.50	.20	11	4.4	11	3.9	3.7	0	0	0	0	0
9	.50	.20	10	4.3	21	2.5	3.0	0	0	0	0	0
10	.40	.20	9.2	160	348	2.5	2.2	0	1.7	0	0	0
11	.40	.10	707	12	304	2.5	1.9	0	2.8	0	0	0
12	.30	.10	59	8.5	269	186	1.6	0	0	0	0	0
13	.30	.10	17	7.4	16	16	1.5	0	0	0	0	0
14	.80	.10	10	5.8	9.8	8.5	1.4	0	3.6	0	0	0
15	121	.10	8.2	32	7.1	6.3	1.3	0	0	2.5	0	0
16	3.8	.10	7.1	9.2	9.6	4.8	1.2	0	0	.30	0	0
17	1.6	.10	20	4.4	244	37	1.2	0	0	0	0	0
18	1.0	.10	25	4.8	20	11	1.1	0	0	0	0	0
19	.60	2.9	9.2	4.1	10	4.8	1.0	0	0	0	0	0
20	.60	3.6	33	3.7	7.4	2.8	1.0	0	0	0	0	0
21	.60	.50	15	3.2	7.1	2.2	.90	0	0	0	0	0
22	.50	.30	12	112	4.4	2.0	.90	0	0	0	0	0
23	.50	.30	11	559	3.9	2.0	.80	0	0	0	0	0
24	.40	260	9.5	24	80	2.3	.70	0	0	0	0	0
25	.30	26	10	14	10	1.6	.70	0	0	0	0	0
26	.30	8.0	7.4	9.2	5.8	1.4	.60	0	0	2.0	0	0
27	.30	5.4	4.8	5.5	4.6	4.4	2.6	0	0	0	0	0
28	.40	91	4.4	4.8	3.7	9.8	.90	0	0	0	0	0
29	.80	9.2	3.4	3.9	-----	152	.80	0	0	0	0	0
30	.50	5.8	53	3.2	-----	102	.70	0	1.9	0	0	0
31	.30	-----	193	1.9	-----	12	-----	0	-----	0	0	-----
TOTAL	459.90	415.90	1,877.7	1,118.0	1,537.1	820.5	175.20	2.20	10.0	13.90	0	0
MEAN	14.8	13.9	60.6	36.1	54.9	26.5	5.84	.071	.33	.45	0	0
MAX	305	260	707	559	348	186	77	.60	3.6	3.2	0	0
MIN	.30	.10	3.4	1.9	2.0	1.4	.60	0	0	0	0	0
CFSH	1.27	1.18	5.18	3.08	4.69	2.26	.50	.006	.03	.04	0	0
IN.	1.46	1.32	5.97	3.55	4.89	2.61	.56	.007	.03	.04	0	0
CAL YR 1964:	TOTAL 9,260.00			MEAN 25.3	MAX 825	MIN 0	CFSH 2.16	IN 22.43				
WAT YR 1965:	TOTAL 6,430.40			MEAN 17.6	MAX 707	MIN 0	CFSH 1.51	IN 20.44				

2-4500 Mulberry Fork near Garden City, Ala

Location --Lat 34°00', long 86°45', in NE 1/4 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 5.5 miles downstream from Mud Creek

Drainage area --368 sq mi

Records available --June 1928 to September 1965 Monthly discharge only for period April to June 1932 published in WSP 1304 Prior to 1941, published as "Mulberry Fork of Black Warrior River"

Gage --Digital and graphic water-stage recorders Datum of gage is 380.54 ft above mean sea level, datum of 1929 Prior to Dec 3, 1934, chain gage and Dec 4, 1934, to Jan 4, 1939, wire-weight gage, Dec 5, 1939, to May 23, 1960, graphic water-stage recorder, at same site and datum

Average discharge --37 years (1928-65) 651 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (13,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	2045	* 28,500	18.54	Mar 12, 1963	1845	17,700	14.29	Apr 7, 1964	2045	23,700	16.73
				Apr 30, 1963	0645	* 20,400	15.42	Apr 13, 1964	1715	* 35,400	20.81
Dec 12, 1961	1330	26,600	17.86								
Dec 18, 1961	0630	* 35,800	20.93	Jan 25, 1964	0130	21,600	15.90	Feb 12, 1965	0700	22,600	16.27
Jan 27, 1962	0800	27,700	18.25	Mar 15, 1964	0945	20,000	15.24	Mar 26, 1965	1115	* 29,300	18.82
Apr 11, 1962	1845	28,100	18.38	Mar 26, 1964	0430	16,400	13.73	June 7, 1965	2030	15,500	12.82

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	27	2.42	1964	Oct 26, 1963	a 9.0	-
1962	Sept 1, 2, 1962	11	2.07	1965	Sept 29, 1965	a 14	-
1963	Oct 19, 20, 1962	10	2.04				

a Minimum daily

1928-65 Maximum discharge, 46,600 cfs Feb 4, 1936 (gage height, 24.0 ft, from floodmark), minimum observed, 3 cfs Sept 28-30, Oct 1, 3-6, 1931 (gage height, 1.88 ft)

Remarks -- Records good

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	71	76	315	2,190	381	1,770	3,200	411	240	229	79	2,780
2	60	77	272	1,380	382	1,470	2,140	495	206	194	71	691
3	49	67	246	1,040	2,510	1,230	1,720	375	180	169	65	700
4	40	58	227	825	1,650	1,040	1,420	316	158	157	66	362
5	33	51	211	701	1,220	918	1,100	285	144	137	55	266
6	217	48	196	602	1,020	887	911	258	133	115	54	211
7	202	45	182	522	1,360	1,270	789	237	126	238	61	289
8	320	42	172	462	1,550	6,660	663	213	118	327	357	218
9	668	45	159	400	1,270	2,620	1,330	485	122	194	244	160
10	313	111	146	356	1,090	1,780	1,220	341	137	131	124	132
11	214	229	206	328	929	1,390	825	270	324	106	87	113
12	162	154	294	305	804	1,140	2,540	240	771	586	68	103
13	129	127	206	291	698	1,500	1,020	216	256	1,920	56	185
14	109	113	178	395	615	1,450	1,410	192	189	1,510	48	129
15	100	104	189	431	546	1,040	1,210	642	200	704	42	111
16	98	100	212	391	493	906	1,350	561	163	1,070	81	97
17	87	97	192	327	452	778	885	330	138	1,240	97	82
18	75	95	172	309	725	2,500	741	276	131	622	62	72
19	76	89	163	405	1,320	1,740	627	317	119	461	48	63
20	181	84	205	642	8,590	1,320	530	243	140	488	41	60
21	181	79	1,090	534	19,100	3,370	462	201	722	446	68	56
22	121	78	769	468	23,600	2,240	407	186	341	290	55	51
23	99	467	580	447	15,300	1,620	371	1,080	303	235	43	47
24	86	605	485	419	4,860	1,250	334	755	463	241	153	45
25	78	382	427	360	6,100	995	306	502	266	312	80	41
26	70	305	380	562	3,730	850	393	1,130	1,360	211	50	37
27	63	262	345	658	2,610	750	1,250	985	793	163	56	33
28	61	236	303	525	2,250	2,380	780	574	468	137	49	31
29	60	455	290	482	-----	1,890	500	428	344	119	42	29
30	57	416	505	433	-----	1,940	411	343	275	104	33	28
31	57	-----	718	396	-----	6,060	-----	282	-----	90	2,930	-----
TOTAL	4,137	5,097	10,035	17,546	105,155	56,754	30,845	13,189	9,330	12,946	5,365	7,222
MEAN	133	170	324	566	3,756	1,831	1,028	425	311	418	173	261
MAX	668	605	1,090	2,190	23,600	6,660	3,200	1,130	1,360	1,920	2,930	2,780
MIN	33	42	146	291	381	750	306	186	118	90	33	28
CFSM	.36	.46	.88	1.54	10.2	4.97	2.79	1.16	.85	1.13	.47	.65
IN.	.42	.52	1.01	1.77	10.6	5.74	3.12	1.33	.94	1.31	.54	.73

CAL YR 1960: TOTAL 190,305 MEAN 521 MAX 12,400 MIN 16 CFSM 1.41 IN 19.25
 WAT YR 1961: TOTAL 277,821 MEAN 761 MAX 23,600 MIN 28 IN 28.66

2-4500 Mulberry Fork near Garden City, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	27	21	160	1,240	1,740	2,000	3,520	284	99	30	43	11
2	38	21	148	1,020	1,410	1,610	2,040	245	100	27	30	11
3	101	22	143	923	1,170	1,340	1,500	216	129	25	24	12
4	113	24	130	831	1,000	1,130	1,190	195	119	25	56	13
5	82	33	130	1,490	884	960	1,060	179	151	61	90	83
6	57	33	178	6,800	750	806	2,900	167	96	43	97	51
7	45	28	222	3,680	630	700	2,090	154	67	32	46	28
8	39	26	188	2,390	594	623	1,590	143	56	28	109	20
9	36	25	217	1,760	596	1,300	1,250	129	50	25	157	17
10	34	24	2,260	1,450	510	1,580	995	118	46	22	64	21
11	31	24	3,830	1,180	432	3,670	15,500	110	43	20	40	17
12	28	28	19,500	1,040	398	2,500	12,700	100	140	19	30	17
13	27	30	5,450	897	375	1,750	4,710	90	354	18	25	18
14	26	39	2,790	833	350	1,370	2,800	81	155	17	21	21
15	24	41	2,220	2,010	323	1,140	2,050	75	90	17	18	48
16	22	241	2,920	1,660	390	949	1,530	70	66	17	16	39
17	23	204	12,700	1,310	355	783	1,240	110	53	17	15	219
18	113	22	22,300	1,140	309	675	1,030	84	45	17	15	67
19	21	83	4,860	1,660	440	613	865	65	403	16	15	39
20	20	67	2,850	1,320	362	563	718	57	207	15	14	26
21	20	59	2,070	1,140	588	976	594	58	98	14	19	20
22	21	58	1,640	1,040	2,230	656	506	449	68	14	63	17
23	21	743	1,380	2,710	2,000	510	456	101	53	14	24	15
24	21	672	1,100	2,310	3,570	448	527	70	44	14	17	14
25	21	383	912	3,090	2,370	1,030	424	58	54	57	15	13
26	21	288	788	5,000	2,190	2,030	375	52	67	41	16	52
27	25	295	1,120	19,200	1,690	1,120	338	47	44	20	171	20
28	29	225	1,450	12,700	2,200	869	304	43	37	21	16	73
29	25	195	1,040	4,590	-----	728	361	40	39	61	14	40
30	24	172	887	3,000	-----	772	372	109	35	195	13	28
31	22	-----	863	2,190	-----	7,340	-----	163	-----	72	12	-----
TOTAL	1,069	4,177	96,446	91,604	29,856	42,541	65,533	3,862	3,008	1,020	1,154	1,223
MEAN	34.5	139	3,111	2,955	1,066	1,372	2,184	125	100	32.9	37.2	40.8
MAX	113	743	22,300	19,200	3,570	7,340	15,500	449	403	195	157	219
MIN	20	21	130	831	309	448	304	40	35	14	12	11
CFSM	.09	.38	8.45	8.03	2.90	3.73	5.94	.34	.27	.09	.10	.11
IN.	.11	.42	9.75	9.26	3.02	4.30	6.62	.39	.30	.10	.12	.12

CAL YR 1961: TOTAL 360,044

MEAN 986

MAX 23,600

MIN 20

CFSM 2.94

IN 34.37

WAT YR 1962: TOTAL 341,493

MEAN 936

MAX 22,300

MIN 11

CFSM 2.94

IN 34.37

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	24	12	75	487	1,510	390	427	3,430	432	277	304	22
2	22	11	69	411	1,430	620	375	2,090	344	619	226	21
3	117	11	64	354	2,870	459	340	1,480	291	1,310	177	22
4	70	12	61	310	1,970	427	309	1,100	252	429	143	20
5	38	12	63	279	1,540	2,120	277	852	223	282	119	17
6	27	12	72	259	1,250	5,940	520	947	191	225	101	16
7	22	12	79	245	1,050	2,570	1,290	735	165	829	86	16
8	20	13	84	231	865	1,730	796	522	141	1,110	76	16
9	17	26	82	213	729	1,400	619	417	121	443	67	16
10	21	80	72	198	646	1,200	525	348	104	299	60	16
11	18	77	66	254	594	1,390	437	304	92	223	53	15
12	15	57	62	765	555	8,180	373	266	86	178	47	13
13	14	102	55	581	474	5,420	320	230	73	149	42	13
14	14	71	51	492	428	2,720	285	215	64	266	153	12
15	13	53	51	439	378	1,940	258	201	56	331	69	369
16	13	43	55	401	336	1,930	241	177	52	259	46	72
17	13	48	58	375	317	2,490	224	158	576	231	39	35
18	11	323	59	410	307	1,850	204	273	218	176	35	27
19	10	287	57	908	625	1,740	190	159	194	223	33	22
20	11	194	57	2,610	620	2,080	191	130	111	183	29	20
21	13	198	61	1,730	502	1,250	248	116	366	691	32	18
22	13	201	105	1,250	424	985	190	117	2,180	265	32	16
23	21	173	154	1,150	396	831	166	96	1,170	179	46	14
24	19	142	130	1,050	421	716	163	84	876	2,710	38	13
25	18	122	280	950	408	626	141	83	508	587	34	13
26	16	107	350	880	371	1,520	158	1,260	386	424	30	12
27	14	97	294	820	330	1,040	148	3,820	362	313	27	13
28	13	87	259	760	310	1,787	349	1,810	753	331	23	15
29	14	83	672	700	-----	652	5,570	1,090	548	556	22	17
30	14	82	850	1,670	-----	548	12,100	793	337	588	22	18
31	13	-----	601	1,880	-----	481	-----	554	-----	318	22	-----
TOTAL	678	2,748	5,048	23,062	21,656	56,030	27,414	23,817	11,214	15,004	2,233	929
MEAN	21.9	91.6	163	744	773	1,807	914	768	374	464	72.0	31.0
MAX	117	323	850	2,610	2,870	8,180	12,100	3,820	2,180	2,710	304	369
MIN	10	11	51	198	307	390	141	83	52	149	22	12
CFSM	.06	.25	.44	2.02	2.10	4.91	2.48	2.09	1.02	1.32	.20	.08
IN.	.07	.28	.51	2.33	2.19	5.66	2.77	2.41	1.13	1.52	.23	.09

CAL YR 1962: TOTAL 188,833

MEAN 680

MAX 12,100

MIN 18

CFSM 1.87

IN 24.28

MOBILE RIVER BASIN

547

2-4500 Mulberry Fork near Garden City, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	17	12	89	238	842	720	905	1,240	60	20	150	35
2	15	14	59	219	674	4,160	770	1,620	80	170	90	30
3	15	23	47	268	575	4,430	665	2,020	85	71	65	27
4	14	17	694	43	513	3,600	683	1,200	69	47	55	26
5	14	14	37	909	520	6,070	736	937	58	34	120	25
6	13	14	35	1,280	939	2,700	8,040	744	103	28	95	71
7	13	18	32	2,450	662	2,040	12,000	602	160	23	70	21
8	12	19	32	1,610	546	1,810	7,910	504	101	21	50	20
9	11	15	33	6,120	495	1,590	3,240	429	73	19	40	16
10	11	13	36	3,010	462	2,560	2,250	419	62	53	28	15
11	11	12	495	1,940	423	1,610	1,690	376	67	116	30	15
12	11	11	2,870	1,500	374	1,350	3,550	315	57	392	37	14
13	11	11	954	1,160	518	1,120	21,300	144	49	412	33	13
14	11	9.9	789	878	957	5,960	7,450	234	45	144	28	13
15	11	9.6	610	744	1,090	14,800	3,440	207	39	97	25	14
16	11	9.6	467	659	2,090	4,630	2,370	185	36	528	70	14
17	11	11	382	598	1,820	2,820	1,780	163	29	279	700	12
18	10	11	323	528	2,150	2,040	1,410	144	28	117	350	12
19	10	11	285	471	1,870	1,630	1,130	132	27	76	150	14
20	11	11	247	450	1,450	1,600	913	123	26	406	100	14
21	10	11	225	400	1,170	1,340	745	113	24	2,250	75	16
22	10	11	203	354	1,610	1,050	627	105	23	334	65	16
23	10	13	263	333	851	910	593	99	31	225	110	14
24	10	18	279	4,940	746	791	1,870	103	40	207	255	13
25	9.6	21	238	10,400	1,010	3,650	1,670	94	35	127	123	12
26	9.0	15	236	3,210	1,100	9,270	1,970	87	28	110	100	11
27	9.6	12	252	2,130	880	3,270	4,280	78	24	90	70	12
28	10	18	241	1,600	912	2,190	3,250	73	25	75	58	12
29	9.6	484	223	1,230	804	1,630	2,360	76	22	65	50	1,930
30	12	208	206	1,030	-----	1,260	1,620	82	20	55	44	1,630
31	10	-----	197	920	-----	1,060	-----	60	-----	70	38	-----
TOTAL	352.8	1,077.1	10,436	52,273	27,053	93,661	103,217	12,838	1,526	6,661	3,274	4,037
MEAN	11.4	35.9	337	1,686	933	3,021	3,441	414	50.9	215	106	135
MAX	17	484	2,870	10,400	2,150	14,800	21,300	2,020	160	2,250	700	1,930
MIN	9.0	9.6	32	219	374	720	593	60	20	19	25	11
CFSM	.03	.10	.91	4.58	2.53	8.21	9.35	1.13	.14	.58	.29	.37
IN.	.04	.11	1.05	5.28	2.73	9.47	10.4	1.30	.15	.67	.33	.41

CAL YR 1963: TOTAL 193,226.9 MEAN 529 MAX 12,100 MIN 9.0 CFSM 1.44 IN 19.53
WAT YR 1964: TOTAL 316,407.9 MEAN 865 MAX 21,300 MIN 9.0 CFSM 2.35 IN 31.98

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	286	94	666	487	475	579	1,780	228	39	85	63	34
2	171	91	585	470	686	959	1,480	208	36	80	52	53
3	127	86	517	681	473	852	1,280	189	34	90	46	41
4	329	82	1,240	509	426	901	2,340	173	32	350	42	33
5	766	79	1,010	452	414	891	5,690	159	30	600	39	29
6	325	76	772	434	429	931	3,350	147	33	690	35	27
7	219	73	649	414	862	818	2,220	134	4,050	450	32	24
8	172	76	571	386	861	752	1,730	123	2,370	500	30	23
9	148	77	500	362	6,960	695	1,400	114	574	300	28	21
10	123	74	431	3,440	5,210	623	1,110	105	352	250	27	20
11	103	76	2,070	2,220	8,770	555	939	98	305	220	26	19
12	90	74	4,420	1,550	14,400	1,220	3,180	133	862	200	41	798
13	82	71	2,950	1,220	4,580	1,250	1,700	115	1,060	170	101	225
14	79	67	1,740	980	2,940	1,020	1,210	100	1,270	150	46	85
15	350	61	1,310	834	2,140	935	1,210	85	807	350	32	55
16	1,200	56	1,070	782	1,680	811	1,470	76	686	450	26	43
17	561	54	940	624	1,640	1,430	891	68	494	250	25	36
18	377	62	1,540	550	1,340	2,070	734	63	382	150	68	34
19	290	190	1,100	505	1,110	1,320	769	64	288	120	56	30
20	240	651	1,390	460	940	1,070	674	68	231	100	122	44
21	207	344	1,280	421	836	882	520	92	193	90	256	29
22	186	241	1,150	384	715	778	446	92	165	80	145	23
23	168	203	1,030	951	635	706	397	80	140	75	69	21
24	149	330	915	1,100	721	3,010	354	91	153	72	76	21
25	136	3,500	1,260	865	1,200	3,120	318	65	236	74	62	23
26	126	1,520	992	789	697	19,500	305	56	157	150	50	23
27	116	993	819	656	610	5,880	625	52	116	300	42	18
28	112	1,240	721	576	574	3,250	372	58	102	250	74	16
29	111	1,100	651	551	-----	2,960	288	52	132	200	92	14
30	111	830	586	531	-----	3,270	251	50	100	110	61	18
31	104	-----	539	462	-----	2,210	-----	46	-----	79	42	-----
TOTAL	7,564	12,471	35,014	24,646	62,324	65,248	39,033	3,184	15,429	7,035	1,906	1,880
MEAN	244	416	1,125	789	2,226	2,105	1,271	103	511	227	61.5	62.7
MAX	1,200	3,500	3,440	14,400	19,500	19,500	5,690	228	4,050	690	256	798
MIN	79	54	431	362	414	555	251	46	30	72	25	14
CFSM	.66	1.13	3.07	2.16	6.05	5.72	3.54	.28	1.40	.62	.17	.17
IN.	.76	1.26	3.54	2.49	6.30	6.59	3.94	.32	1.56	.71	.19	.19

CAL YR 1964: TOTAL 359,589 MEAN 982 MAX 21,300 MIN 11 CFSM 2.67 IN 36.34
WAT YR 1965: TOTAL 275,734 MEAN 755 MAX 19,500 MIN 14 CFSM 2.05 IN 27.87

2-4502 Dorsey Creek near Arkadelphia, Ala

Location --Lat 33°57'10", long 87°00'14", in SW 1/4 sec 31, T 12 S, R 4 W, at center of downstream side of county road bridge, 4 miles northwest of Arkadelphia, and 8 miles upstream from mouth

Drainage area --13 0 sq mi

Records available --September 1958 to September 1965

Gage --Water-stage recorder Altitude of gage is 430 ft (from topographic map)

Average discharge --7 years, 22 1 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (600 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	1540	* 2,550	9 41	Mar 12, 1963	1445	* 1,040	5 74	Apr 24, 1964	1030	647	4 56
Mar 8, 1961	0700	858	5 20	Apr 29, 1963	1900	875	5 25	Apr 27, 1964	0500	1,120	5 95
Mar 31, 1961	0500	756	4 90								
Dec 12, 1961	0930	790	5 00	Jan 24, 1964	2200	2,530	9 35	Feb 9, 1965	0430	1,000	5 63
Dec 18, 1961	0200	1,910	7 94	Mar 2, 1964	1345	657	4 59	Feb 12, 1965	0215	1,470	6 84
Jan 27, 1962	0400	1,430	6 74	Apr 6, 1964	0330	1,110	5 91	Mar 26, 1965	1300	* 1,740	7 53
Apr 11, 1962	1000	* 2,630	9 58	Apr 13, 1964	1100	* 2,850	10 02	June 7, 1965	1445	676	4 65

No flow for many days each year

1958-65 Maximum discharge, 2,850 cfs Apr 13, 1964 (gage height, 10 02 ft), no flow at times each year

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	.40	3.0	4.6	9.4	32	101	18	.50	2.9	.10	0
2	0	.20	2.6	23	13	26	62	14	.30	2.3	0	.20
3	0	.10	2.4	16	33	22	48	10	.20	1.8	0	7.1
4	0	.10	2.2	12	20	18	34	8.4	.10	1.5	0	2.9
5	1.3	0	1.9	9.8	16	16	28	7.0	0	.90	0	.90
6	4.7	0	1.8	9.0	14	16	22	6.2	.10	.60	0	.40
7	1.6	0	1.8	7.9	46	19	20	9.2	0	1.5	.20	0
8	4.8	0	1.6	6.6	41	367	17	4.9	0	1.1	2.0	.10
9	7.4	.10	1.4	5.6	29	82	46	25	0	.40	.60	0
10	2.5	2.1	1.3	5.1	22	48	29	8.7	5.0	.10	.10	0
11	1.4	1.0	6.4	4.8	18	34	24	6.0	20	.20	0	0
12	1.0	.80	3.7	4.3	14	26	98	5.0	10	28	0	.10
13	.60	.60	2.8	4.3	13	58	59	4.5	6.0	8.9	0	.10
14	.40	.50	2.6	4.8	11	47	39	4.0	4.5	5.3	0	.10
15	1.1	.40	3.5	5.1	9.8	35	31	6.0	4.0	3.5	0	0
16	1.1	.50	3.3	3.9	9.0	28	24	35	3.4	12	0	0
17	.60	.60	2.6	3.3	8.6	24	20	10	3.0	6.8	0	0
18	.40	.60	2.5	3.1	37	92	17	6.0	2.4	4.7	0	0
19	.70	.40	2.4	8.5	56	56	14	4.5	2.3	3.1	0	0
20	2.6	.40	21	8.6	942	43	12	3.5	26	2.5	.10	0
21	1.1	.40	29	7.6	1,060	249	9.8	3.0	17	1.9	0	0
22	.70	.40	13	7.2	1,120	84	8.4	2.5	8.4	1.4	0	0
23	.60	4.6	9.4	7.2	211	52	7.6	1.5	8.8	13	0	0
24	.40	3.1	7.9	6.0	98	36	7.0	2.5	8.7	12	2.5	0
25	.30	2.4	6.6	5.1	134	28	6.4	2.0	4.9	4.5	3.2	0
26	.20	1.9	6.0	23	81	23	12	1.5	35	2.7	1.5	0
27	.20	1.8	5.1	21	53	20	45	1.0	18	1.9	.40	0
28	.10	1.7	4.3	17	46	90	20	1.5	9.5	1.4	.10	0
29	.10	7.1	6.0	14	-----	62	15	1.2	5.9	.90	0	0
30	.10	3.9	7.9	12	-----	136	12	.90	4.1	.50	0	0
31	.30	-----	54	9.8	-----	396	-----	.60	-----	.20	0	-----
TOTAL	36.30	36.10	220.0	321.6	4,164.8	2,265	888.2	210.10	208.10	127.60	12.10	12.10
MEAN	1.17	1.20	7.10	10.4	149	73.1	29.6	6.78	6.94	4.12	.39	.40
MAX	7.4	7.1	54	46	1,120	396	101	35	35	28	3.2	7.1
MIN	0	0	1.3	3.1	8.6	16	6.4	.60	0	.10	0	0
CFSM	.09	.09	.95	.80	11.4	5.62	2.28	.52	.53	.32	.03	.03
IN.	.10	.10	.63	.92	11.9	6.48	2.54	.60	.60	.37	.03	.03

CAL YR 1960: TOTAL 5,885.10 MEAN 16.1 MAX 540 MIN 0 CFSM 1.24 IN 16.84
 MAY YR 1961: TOTAL 8,502.00 MEAN 23.3 MAX 1,120 MIN 0 CFSM 1.79 IN 24.32

Note --No gage-height record May 22 to June 18

2-4502 Dorsey Creek near Arkadelphia, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	.60	26	32	32	72	3.9	.80	0	1.9	0
2	.20	0	.40	23	26	29	43	2.9	.40	0	.30	0
3	0	0	.60	20	22	25	31	2.4	.50	0	.20	0
4	0	0	.50	18	18	22	24	2.1	.90	1.8	.20	0
5	0	0	.80	162	16	18	38	1.8	.40	.40	0	0
6	0	0	3.0	310	12	16	106	1.6	.20	.10	0	0
7	0	0	2.4	98	10	14	72	1.4	.10	0	0	0
8	0	0	1.8	61	11	13	49	1.2	.10	0	0	0
9	0	0	17	41	10	35	34	1.0	0	0	0	0
10	0	0	41	30	8.0	70	26	.80	0	0	0	.40
11	0	0	135	23	7.2	126	1,180	.60	0	0	0	.50
12	0	0	422	22	6.9	86	453	.50	3.9	0	0	0
13	0	0	72	20	6.8	54	132	.30	1.7	0	0	0
14	0	0	45	20	6.0	37	82	.20	.50	0	0	0
15	0	.30	42	78	6.9	28	56	.10	.20	0	0	0
16	0	.10	60	54	9.6	21	38	.10	.10	0	0	0
17	0	0	585	38	6.5	18	29	0	0	0	0	0
18	0	0	591	34	6.4	15	23	0	0	0	0	0
19	0	0	91	85	8.4	14	18	0	0	0	0	0
20	0	0	43	58	6.2	12	14	0	.10	0	0	0
21	0	0	32	43	36	15	11	0	0	0	0	0
22	0	0	26	33	82	9.0	9.0	0	0	0	0	0
23	0	14	23	108	77	8.0	8.0	0	0	0	0	0
24	0	3.6	18	75	106	7.0	8.0	0	0	3.5	0	0
25	0	2.0	14	91	61	32	7.6	0	0	.90	0	0
26	0	1.6	12	247	44	24	7.0	0	0	.10	0	0
27	0	1.3	22	650	33	19	6.2	0	0	0	0	0
28	0	1.1	23	180	38	16	5.6	0	0	0	0	0
29	0	.80	18	87	-----	14	8.4	0	0	0	0	0
30	0	.60	16	60	-----	13	5.4	16	0	0	0	0
31	0	-----	22	61	-----	145	-----	1.9	-----	11	-----	-----
TOTAL	0.20	25.40	2,380.30	2,836	712.9	987.0	2,596.9	38.80	9.90	17.80	2.60	0.90
MEAN	.007	.85	76.8	91.5	25.5	31.8	86.6	1.25	.33	.57	.084	.030
MAX	.20	14	591	650	106	145	1,180	16	3.9	11	1.9	.50
MIN	0	0	.50	18	6.0	7.0	5.4	0	0	0	0	0
CFSM	.0005	.07	5.91	7.04	1.96	2.45	6.66	.10	.03	.04	.006	.002
IN.	.0005	.07	6.81	8.11	2.04	2.82	7.43	.11	.03	.05	.007	.003

CAL YR 1961: TOTAL 10,615.50

MEAN 29.1

MAX 1,120

MIN 0

CFSM 2.24

IN 30.37

WAT YR 1962: TOTAL 9,608.70

MEAN 28.3

MAX 1,180

MIN 0

CFSM 2.63

IN 29.49

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	.40	8.3	44	21	13	63	8.5	2.7	9.5	0
2	5.8	0	.40	6.4	47	17	12	33	5.9	49	6.8	.20
3	2.4	0	.30	5.2	81	15	10	22	4.1	30	5.1	0
4	0	0	.30	4.4	50	16	9.2	16	3.3	12	3.8	0
5	0	0	.40	3.8	33	149	8.5	13	2.4	7.0	3.0	0
6	0	0	.40	3.5	25	181	30	23	1.5	4.6	2.2	0
7	0	0	.40	3.2	19	77	54	9.2	1.2	3.3	1.8	0
8	0	0	.90	2.7	15	47	26	7.2	.60	15	1.5	0
9	0	.20	.70	2.2	13	40	21	5.5	.40	8.9	1.1	0
10	0	0	.50	2.1	11	28	17	4.0	.40	4.1	.90	0
11	0	0	.40	28	11	43	14	3.2	.20	2.1	.70	0
12	0	1.9	.30	28	9.2	421	12	2.8	.10	1.3	.60	0
13	0	.80	.30	19	7.4	134	9.2	2.4	.10	.90	.50	0
14	0	.40	.20	13	7.0	72	8.3	2.0	.10	3.7	.80	1.1
15	0	.10	.30	11	6.1	46	7.2	1.7	0	2.2	.50	.60
16	0	0	.50	9.2	5.7	37	6.6	1.1	0	14	.40	0
17	0	.40	.50	8.3	5.5	79	6.1	8.3	0	6.6	.30	0
18	0	11	.40	11	5.7	53	5.9	6.1	0	4.8	.20	0
19	0	2.2	.40	99	28	68	5.5	3.0	0	4.2	0	0
20	0	4.4	.40	104	16	56	5.0	2.0	8.4	38	.90	0
21	0	4.6	.90	49	14	35	4.5	1.6	2.4	58	1.5	0
22	0	3.5	2.9	29	11	25	4.0	1.4	4.2	16	.40	0
23	0	2.1	1.7	27	11	21	3.2	1.0	2.2	11	.20	0
24	0	1.6	2.4	18	13	18	2.8	.90	1.4	183	.10	0
25	0	1.1	9.4	15	11	18	4.7	1.7	.80	44	.10	0
26	0	.80	6.1	28	9.8	58	4.6	79	.60	24	0	0
27	0	.60	4.5	34	8.7	33	3.6	44	16	0	0	0
28	0	.50	3.6	22	8.3	24	8.3	34	17	35	0	0
29	0	.50	44	18	-----	20	278	18	7.4	34	0	0
30	0	.40	18	80	-----	16	174	13	4.0	18	0	0
31	0	-----	11	64	-----	15	-----	12	-----	13	0	-----
TOTAL	8.2	37.10	112.90	756.3	526.4	1,883	768.2	457.10	121.20	666.40	42.90	1.90
MEAN	.26	1.24	3.64	24.4	16.8	60.7	25.6	14.7	4.04	21.5	1.38	.063
MAX	5.8	11	44	104	81	421	278	79	44	183	9.5	1.1
MIN	0	0	.20	2.1	5.5	15	2.8	.90	0	.90	0	0
CFSM	.02	.10	.28	1.88	1.45	4.67	1.97	1.13	.31	1.65	.11	.005
IN.	.02	.11	.32	2.16	1.51	5.39	2.20	1.31	.35	1.91	.12	.005

CAL YR 1962: TOTAL 7,361.00

MEAN 20.2

MAX 1,421

MIN 0

CFSM 1.13

IN 21.46

WAT YR 1963: TOTAL 9,381.60

MEAN 19.7

MAX 1,421

MIN 0

CFSM 1.13

IN 21.46

2-4502 Dorsey Creek near Arkadelphia, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	.10	2.4	11	15	11	32	0	0	0	0
2	0	0	.10	1.7	8.8	250	63	7	0	0	0	0
3	0	0	.10	8.2	7.5	121	8.0	47	0	0	0	0
4	0	0	.10	22	6.8	133	12	30	0	0	1.7	0
5	0	0	.10	18	9.4	124	77	20	0	0	.70	0
6	0	0	.10	45	11	62	446	15	18	0	0	0
7	0	0	0	43	8.0	50	131	12	2.2	0	0	0
8	0	0	.10	24	6.8	39	138	10	.40	0	0	0
9	0	0	.10	208	6.2	49	70	8.8	.10	0	0	0
10	0	0	.10	57	6.0	60	45	8.2	0	0	0	0
11	0	0	23	35	5.0	42	30	7.0	0	.40	0	0
12	0	0	27	24	4.4	32	304	6.0	0	11	0	0
13	0	0	6.5	17	21	24	1,230	4.6	0	.80	0	0
14	0	0	8.8	13	20	473	203	3.2	0	0	0	0
15	0	0	5.2	11	55	628	102	2.2	0	0	0	0
16	0	0	3.9	10	60	109	64	1.5	0	1.2	5.9	0
17	0	0	2.8	10	37	62	44	1.1	0	0	1.3	0
18	0	0	1.9	9.2	90	40	30	.70	0	0	.30	0
19	0	0	1.4	9.0	58	35	20	.50	0	2.6	0	0
20	0	0	1.3	9.5	36	27	14	.30	0	24	0	0
21	0	0	1.1	8.2	24	21	11	.20	0	12	0	0
22	0	0	1.2	8.0	18	14	8.8	.10	0	3.1	0	0
23	0	0	5.0	7.8	13	12	17	.10	0	1.0	1.4	0
24	0	0	3.0	575	11	10	269	.10	0	.50	.40	0
25	0	0	2.5	391	37	61	125	.10	0	.40	.10	0
26	0	0	2.4	74	30	131	270	0	0	0	.30	0
27	0	0	1.9	43	26	59	546	0	0	0	0	0
28	0	.40	1.5	27	24	37	124	0	0	0	0	0
29	0	1.2	1.4	18	16	24	74	.10	0	0	0	11
30	0	.10	1.2	15	-----	15	46	0	0	0	0	2.3
31	0	-----	1.2	13	-----	13	-----	0	-----	0	0	-----
TOTAL	0	1.70	105.10	1,757.0	666.9	2,772	4,478.6	274.10	20.70	57.00	12.10	13.3
MEAN	0	.057	3.39	56.7	23.0	89.4	149	8.84	.69	1.84	.39	.44
MAX	0	1.2	27	575	90	628	1,230	63	18	24	5.9	11
MIN	0	0	0	1.7	4.4	10	8.0	0	0	0	0	0
CFSM	0	.004	.26	4.36	1.77	6.88	11.5	.68	.05	.14	.03	.03
IN.	0	.005	.30	5.03	1.91	7.93	12.8	.78	.06	.18	.03	.04
CAL YR 1963: TOTAL	5,330.20	MEAN 14.6	MAX 421	MIN 0	CFSM 1.12	IN 15.25						
WAT YR 1964: TOTAL	10,158.50	MEAN 27.8	MAX 1,230	MIN 0	CFSM 2.14	IN 29.06						

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.10	.40	12	6.8	28	32	48	3.1	0	8.1	.40	.60
2	.10	.40	10	8.2	27	56	36	2.5	0	4.2	.40	.40
3	0	.40	8.8	8.8	20	49	38	2.2	0	3.4	.20	.20
4	31	.40	26	6.8	19	43	33	2.0	0	3.1	.20	.10
5	7.7	.30	29	6.2	17	40	27	1.8	0	2.5	.10	.10
6	1.5	.30	18	6.2	22	34	23	1.5	2.0	3.9	.10	.20
7	.90	.30	13	6.2	36	27	21	1.3	155	4.5	0	.20
8	.70	.40	11	5.5	29	23	18	1.2	24	2.8	0	.10
9	.40	.40	9.8	11	476	20	15	.90	7.4	2.0	0	0
10	.30	.40	8.5	226	348	16	12	.80	5.4	41	0	0
11	.20	.30	264	80	367	11	11	.80	51	25	0	0
12	.20	.30	205	53	561	93	50	.80	47	11	.40	2.9
13	.20	.40	66	36	107	49	27	.50	21	6.8	.70	.40
14	.20	.40	38	23	75	33	20	.40	14	4.8	.10	.20
15	49	.30	25	20	49	32	36	.30	78	42	0	.10
16	15	.30	17	16	37	23	35	.20	97	16	0	0
17	6.5	.30	25	12	46	98	25	.20	39	8.0	0	0
18	3.9	.50	49	12	32	80	19	.20	22	6.0	0	0
19	2.4	8.2	38	10	27	42	23	.10	12	4.4	0	0
20	1.5	12	62	9.8	22	31	15	.10	8.3	3.2	0	0
21	1.4	4.8	46	9.2	21	22	11	.10	6.2	2.4	0	0
22	1.1	2.6	36	9.5	15	17	9.2	.10	4.4	2.0	0	.10
23	.70	2.0	26	120	13	16	8.2	.10	3.4	1.6	13	.20
24	.60	55	22	80	31	39	6.8	0	18	2.2	4.8	9.0
25	.60	81	30	52	30	57	6.8	0	9.7	3.1	1.6	1.3
26	.50	24	18	36	22	847	6.2	0	5.6	1.8	.50	.50
27	.40	14	13	25	21	152	8.2	.10	4.2	1.5	1.9	.30
28	.50	43	11	20	18	80	6.0	0	3.4	3.0	3.4	.20
29	.60	24	9.2	18	-----	112	4.2	0	2.8	2.4	1.5	.20
30	.60	16	7.8	16	-----	104	3.7	0	11	1.1	.50	2.5
31	.50	-----	7.2	13	-----	66	-----	0	-----	.60	.30	-----
TOTAL	129.30	293.10	1,191.3	962.2	2,516	2,344	602.3	21.30	651.8	224.40	30.10	19.80
MEAN	4.17	9.77	38.4	31.0	89.9	75.6	20.1	.69	21.7	7.24	.97	.66
MAX	49	81	264	226	561	847	90	3.1	155	42	13	9.0
MIN	0	.30	7.2	5.5	13	11	3.7	0	0	.60	0	0
CFSM	.32	.75	2.96	2.39	6.91	5.82	1.54	.05	1.67	.56	.07	.05
IN.	.37	.84	3.41	2.75	7.20	6.71	1.72	.06	1.86	.64	.09	.06
CAL YR 1964: TOTAL	11,665.40	MEAN 31.9	MAX 1,230	MIN 0	CFSM 2.45	IN 23.97						
WAT YR 1965: TOTAL	8,985.60	MEAN 24.6	MAX 947	MIN 0	CFSM 1.89	IN 23.71						

2-4530 Blackwater Creek near Manchester, Ala

Location --Lat 33°54'30", long 87°15'25", in SE 1/4 sec 15, T 13 S, R 7 W, on right bank at downstream side of bridge on county road, 0.2 mile downstream from small unnamed tributary, 2 miles east of Manchester, and 5 miles north of Jasper

Drainage area --188 sq mi

Records available --October 1938 to September 1965

Gage --Digital water-stage recorder Datum of gage is 401.04 ft above mean sea level, datum of 1929 unadjusted. Prior to Nov 6, 1938, reference point and Nov 7 to Dec 12, 1938, wire-weight gage, Dec 13, 1938, to May 27, 1960, graphic water-stage recorder at same site and datum

Average discharge --27 years, 305 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,800 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	1100	* 10,600	13 10	Jan 27, 1962	0330	3,620	7 68	Mar 15, 1964	0515	3,150	7 27
Mar 10, 1961	1815	2,170	6 37	Apr 13, 1962	1830	* 6,420	10 09	Apr 7, 1964	1145	2,120	6 32
Mar 31, 1961	0530	2,840	6 99					Apr 13, 1964	1100	* 6,380	10 05
				Mar 12, 1963	1215	2,900	7 05	Apr 30, 1964	0030	4,690	8 13
Dec 12, 1961	0745	2,510	6 73	May 29, 1963	0415	* 3,600	7 68				
Dec 19, 1961	2045	5,940	9 70					Feb 13, 1965	2015	* 4,680	8 65
Jan 6, 1962	0730	2,180	6 36	Jan 25, 1964	0615	1,930	6 13	Mar 27, 1965	1400	2,560	6 74

Annual minimum daily discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	4 4	-	1964	Nov 3, 1963	1 4	-
1962	Oct 28, 1961	4 4	-	1965	Sept 11, 23, 1965	12	-
1963	Sept 24, 1963	2 4	-				

1938-65 Maximum discharge, 10,600 cfs Feb 23, 1961 (gage height, 13 10 ft), minimum daily, 1.3 cfs Oct 25, 1938 (result of regulation)

Remarks --Records good Occasional regulation at very low flow by milldam 2 miles upstream from station

Revisions (water years) --WSP 1304 1939(M) WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	32	46	142	705	138	813	2,430	300	55	29	27	24
2	29	89	117	690	140	627	2,220	354	51	27	32	24
3	25	63	102	534	205	506	1,710	298	48	25	31	22
4	23	49	94	376	215	430	1,080	245	45	24	25	51
5	22	41	88	273	187	374	710	209	44	24	23	44
6	30	36	82	223	175	365	539	182	47	24	37	40
7	73	34	79	190	220	502	432	167	50	24	27	35
8	61	34	75	166	287	1,150	356	187	45	44	25	26
9	95	35	72	146	293	1,640	521	234	49	69	45	23
10	50	44	68	129	278	2,080	595	203	55	44	30	22
11	43	118	73	119	246	1,640	477	176	97	37	25	22
12	37	108	98	112	214	870	967	159	94	300	22	22
13	33	83	97	108	190	772	1,060	147	106	559	20	21
14	30	70	80	113	170	852	903	132	80	293	25	18
15	31	62	73	126	154	673	726	256	60	185	22	17
16	32	56	77	127	141	547	610	304	50	143	21	16
17	57	52	80	113	134	448	480	216	45	119	20	15
18	46	52	74	101	191	821	385	160	40	116	43	14
19	38	51	67	111	490	915	325	131	38	89	36	13
20	37	46	81	164	2,480	825	287	114	37	69	27	11
21	34	44	244	169	5,030	1,390	255	100	250	59	22	9.4
22	40	43	253	144	8,820	986	226	93	170	50	20	8.1
23	36	95	187	131	10,400	808	207	93	86	59	19	7.9
24	32	360	155	130	8,770	612	192	100	70	85	23	8.2
25	30	270	141	120	6,210	472	180	98	60	52	58	7.4
26	29	179	128	175	3,830	387	212	83	80	45	77	6.3
27	28	138	118	235	2,040	335	474	86	60	103	45	5.8
28	26	117	109	205	1,150	740	604	91	48	61	32	5.1
29	27	162	104	177	-----	1,100	439	76	38	42	27	4.7
30	26	177	148	159	-----	1,560	317	66	32	34	24	4.4
31	27	-----	260	144	-----	2,630	-----	61	-----	30	23	-----
TOTAL	1,119	2,754	3,566	6,415	52,798	27,870	19,919	5,121	2,030	2,864	933	547.3
MEAN	36.1	91.8	115	207	1,686	899	664	165	67.7	92.4	30.1	18.2
MAX	73	360	260	705	10,400	2,630	2,430	354	250	559	77	51
MIN	22	34	67	101	134	335	180	61	32	24	19	4.4
CFSM	.19	.49	.61	1.10	10.0	4.78	3.53	.88	.36	.49	.16	.10
IN.	.22	.54	.71	1.27	10.4	5.51	3.94	1.01	.40	.57	.18	.11

CAL YR 1960: TOTAL 100,054

MEAN 273

MAX 3,000

MIN 13

CFSM 1.45

IN 9.70

WAT YR 1961: TOTAL 125,936.3

MEAN 345

MAX 10,400

MIN 4.4

CFSM 1.84

IN 22.91

2-4530 Blackwater Creek near Manchester, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5-2	5-1	33	413	1,380	1,500	1,360	203	58	25	18	6-2
2	5-2	4-8	31	396	631	1,240	1,220	185	49	23	17	5-4
3	7-0	6-9	30	357	647	1,070	937	167	46	23	20	4-9
4	12	7-4	31	323	530	833	643	146	41	23	20	5-2
5	20	14	35	816	454	631	547	133	39	21	33	9-1
6	17	28	53	2,060	388	495	1,590	124	37	19	32	13
7	17	23	67	1,860	326	410	1,710	115	43	61	26	9-8
8	17	19	65	1,620	299	361	1,590	106	123	68	78	9-6
9	17	16	67	1,240	297	541	1,390	98	73	39	59	10
10	17	14	259	815	276	788	1,010	90	50	29	47	11
11	15	13	508	584	248	1,390	2,740	84	59	23	32	11
12	15	13	2,040	476	227	1,330	4,270	77	72	20	23	12
13	13	15	1,910	405	212	1,120	5,890	71	72	18	20	10
14	13	21	2,100	365	202	853	5,660	65	73	17	19	9-7
15	11	34	2,020	774	197	643	3,770	60	57	16	18	9-6
16	11	45	1,310	1,010	227	515	1,730	57	44	19	20	11
17	11	42	2,580	887	260	453	869	53	36	19	17	11
18	9-8	49	4,550	722	241	364	625	50	32	16	15	9-4
19	39	39	5-410	885	230	504	4-4	30	14	30	14	8-9
20	6-4	29	5,390	718	257	302	416	43	39	34	11	12
21	6-1	24	3,830	590	393	339	348	41	32	24	11	14
22	6-1	23	1,880	514	979	378	300	39	31	18	9-4	12
23	6-0	47	148	753	842	1,120	318	269	37	29	16	8-3
24	5-9	181	536	1,050	1,420	275	254	36	27	18	8-1	9-5
25	5-5	118	419	1,120	1,400	409	241	34	32	22	12	9-6
26	5-2	74	343	1,330	1,420	661	235	33	32	23	14	11
27	4-7	56	396	3,070	1,290	544	219	28	29	26	13	9-5
28	4-4	47	3-300	3-300	437	103	18	27	34	11	57	11
29	4-7	41	442	3,310	-----	372	204	18	29	31	9-4	52
30	4-9	36	367	3,280	-----	328	208	29	28	25	8-0	41
31	5-0	-----	342	2,590	-----	885	-----	43	-----	20	6-9	-----
TOTAL	305-8	1,216-2	38,322	37,672	16,951	20,105	40,911	2,330	1,370	800	650-1	416-4
MEAN	9-6	34-5	1,245	1,215	545	645	1,215	75-2	45-7	25-8	21-6	13-4
MAX	20	181	5,410	3,310	1,420	1,500	5,890	203	123	68	78	57
MIN	4-4	4-8	30	323	197	275	202	18	27	16	6-9	4-9
CFSM	.05	.22	6-58	6-46	3-22	3-45	7-25	.40	.24	.14	.11	.07
IN.	.06	.24	7-58	7-45	3-35	3-98	8-09	.46	.27	.16	.13	.08

CAL YR 1962: TOTAL 158,341-3 MEAN 431 MAX 19,488 MIN 4-4 CFSM 2-33 IN 31-82

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	22	7-1	22	89	505	141	185	1,030	418	80	29	6-7
2	21	7-3	22	67	422	187	167	820	280	105	26	8-2
3	26	7-8	21	58	615	167	151	566	210	154	23	11
4	54	7-4	21	51	539	193	139	393	187	95	22	9-1
5	35	6-8	21	44	398	379	128	251	175	67	20	8-4
6	24	6-9	22	40	310	1,070	188	252	145	57	19	7-2
7	18	6-8	24	39	256	920	600	226	118	48	17	6-2
8	14	8-5	27	38	214	740	394	183	98	41	16	5-7
9	13	11	25	36	180	552	292	143	83	36	15	4-9
10	12	9-8	24	35	156	425	241	118	72	39	13	4-7
11	11	9-3	23	40	147	576	204	100	65	34	12	4-6
12	11	18	21	63	146	2,020	173	95	59	30	11	4-8
13	11	16	19	81	132	2,050	148	94	52	27	11	4-7
14	11	16	17	77	117	1,560	129	80	46	37	9-7	4-8
15	10	17	15	63	103	1,140	115	72	41	46	8-8	4-3
16	13	16	16	52	92	799	107	65	40	148	8-6	4-2
17	16	17	17	47	86	747	100	62	38	85	8-8	4-7
18	9-4	22	20	52	87	653	93	69	38	55	9-4	4-9
19	8-2	47	23	110	204	568	87	70	39	44	9-6	4-5
20	7-9	67	23	279	276	542	83	60	42	48	9-1	4-0
21	7-8	49	23	291	243	403	82	49	89	71	8-8	3-8
22	7-6	44	25	217	201	317	78	42	279	52	8-7	3-7
23	7-4	55	44	184	170	265	72	38	223	43	8-9	3-3
24	6-6	54	54	195	166	232	64	35	155	75	8-5	2-7
25	6-4	39	47	157	170	215	76	45	114	71	8-9	2-4
26	6-7	31	51	184	155	286	107	1,290	86	46	9-2	2-6
27	7-0	28	59	241	135	419	119	2,600	79	45	8-9	2-8
28	7-2	26	49	268	121	358	400	3,460	147	41	8-5	3-2
29	7-5	24	62	213	-----	293	696	3,460	407	36	8-0	2-9
30	8-1	21	116	333	-----	244	1,250	2,380	119	33	7-6	2-6
31	7-6	-----	127	546	-----	209	-----	851	-----	33	7-1	-----
TOTAL	427-4	695-7	1,080	4,190	6,346	18,830	6,402	18,860	3,944	1,818	391-1	147-8
MEAN	13-8	23-2	34-8	135	201	601	213	608	117	55-7	12-6	4-5
MAX	54	67	127	546	615	2,050	1,250	3,460	418	154	29	11
MIN	6-4	6-8	15	35	86	141	64	35	38	27	7-1	2-4
CFSM	.07	.12	.19	.72	1-21	3-20	1-14	3-24	.70	.31	.07	.03
IN.	.08	.14	.21	.83	1-26	3-69	1-27	3-73	.78	.36	.08	.03

CAL YR 1962: TOTAL 123,406-6 MEAN 338 MAX 5,890 MIN 4-9 CFSM 1-80 IN 24-41
WAT YR 1963: TOTAL 62,931-8 MEAN 172 MAX 3,460 MIN 2-4 CFSM .92 IN 12-45

MOBILE RIVER BASIN

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2-4530 Blackwater Creek near Manchester, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.2	2.3	87	69	308	286	323	1,730	56	23	48	35
2	2.0	1.7	53	73	261	836	285	1,050	56	35	42	30
3	2.4	1.4	35	86	219	1,520	258	1,440	54	66	54	26
4	4.0	1.6	28	145	192	1,520	262	1,680	48	104	44	23
5	4.3	3.6	26	263	222	1,640	431	1,650	44	63	61	21
6	3.4	15	23	371	385	1,550	1,830	1,080	46	44	168	19
7	3.1	25	21	648	344	1,490	2,040	648	58	36	126	18
8	2.7	36	22	655	277	1,210	2,000	960	72	31	78	17
9	2.4	25	20	1,180	235	915	1,710	359	54	33	57	17
10	2.3	17	21	1,360	212	1,070	1,370	304	44	34	48	15
11	2.2	14	62	1,330	192	1,080	940	271	39	30	52	14
12	2.2	11	311	1,050	173	844	1,590	235	37	178	51	13
13	2.2	10	530	638	249	651	2,210	211	54	516	61	13
14	2.1	10	406	411	465	1,100	5,020	180	41	266	47	12
15	2.1	8.8	262	303	534	2,740	4,820	156	35	123	36	12
16	2.0	7.9	168	249	772	2,480	3,980	137	32	338	42	11
17	1.9	7.9	122	222	771	2,190	2,090	122	29	149	72	10
18	1.8	8.2	97	200	929	1,560	947	110	29	84	121	11
19	1.8	8.5	83	180	929	984	655	98	29	67	81	12
20	1.7	9.5	69	170	772	760	507	90	27	182	57	12
21	1.7	11	62	156	592	629	409	83	25	975	45	18
22	1.7	11	136	126	500	376	490	74	24	349	39	10
23	1.7	14	68	125	376	418	345	76	22	386	41	15
24	1.7	14	91	729	315	359	1,220	82	24	191	41	13
25	1.6	23	98	1,860	357	433	1,610	83	46	167	58	12
26	1.7	24	85	1,800	407	1,040	2,150	77	34	120	57	11
27	1.6	19	86	1,500	352	945	3,560	66	26	84	124	11
28	1.8	20	84	998	338	813	3,530	60	23	64	110	11
29	1.7	30	78	572	317	654	4,060	58	22	52	67	18
30	1.7	86	69	415	-----	479	3,580	65	22	46	49	133
31	1.8	-----	64	345	-----	378	-----	62	-----	43	41	-----
TOTAL	67.7	476.4	3,289	18,249	11,961	33,074	57,075	12,801	1,152	5,028	2,018	601
MEAN	2.18	15.9	106	589	412	1,067	1,903	413	38.4	162	65.1	20.0
MAX	4.3	86	530	1,860	929	2,740	5,210	1,730	72	975	168	133
MIN	1.6	1.4	20	69	173	286	258	58	22	23	36	10
CFSM	4.1	.08	.56	3.13	5.48	10.1	2.20	.20	.86	.35	.11	.11
IN.	.01	.09	.65	3.61	2.37	6.54	11.3	2.53	.23	.99	.40	.12

CAL YR 1963: TOTAL 64,561.8 MEAN 177 MAX 3,460 MIN 1.4 CFSM .94 IN 12.77
 MAY YR 1964: TOTAL 145,792.1 MEAN 398 MAX 5,210 MIN 1.4 CFSM 2.12 IN 28.84

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	163	49	500	190	225	326	1,070	105	38	70	34	25
2	101	43	344	180	270	684	852	98	34	42	27	19
3	58	270	220	205	726	659	85	93	28	59	21	15
4	73	38	354	210	194	644	581	79	25	45	18	15
5	126	38	365	190	194	644	581	79	25	45	18	15
6	158	36	285	180	200	596	500	74	28	42	16	15
7	103	36	238	170	200	509	442	70	203	44	16	15
8	67	36	210	160	337	438	399	65	376	93	45	15
9	52	36	191	160	1,170	384	358	61	178	52	180	14
10	43	37	174	530	2,090	337	313	58	109	42	93	12
11	38	35	492	660	3,050	294	276	55	217	44	94	12
12	34	35	1,280	490	4,150	615	522	56	518	41	43	19
13	31	35	1,330	400	4,390	720	496	55	387	34	66	69
14	30	34	1,220	310	4,230	600	347	51	365	28	38	58
15	59	35	869	280	3,040	572	294	46	273	25	30	33
16	189	35	549	250	1,340	549	276	42	245	28	25	24
17	174	34	430	230	904	694	245	40	210	30	21	18
18	118	35	600	210	720	1,260	220	38	150	54	20	17
19	85	72	670	189	577	1,270	217	41	107	56	18	16
20	65	194	700	183	483	998	225	42	80	38	17	15
21	53	205	630	172	414	689	205	39	65	28	42	13
22	47	138	550	163	358	518	178	38	54	22	38	13
23	44	101	480	475	313	446	163	39	47	19	30	12
24	42	140	450	752	330	572	152	47	44	23	33	13
25	39	705	410	610	384	818	158	42	53	120	27	12
26	37	689	350	483	303	2,000	161	37	53	148	25	16
27	35	462	310	380	262	2,510	156	42	44	98	37	23
28	37	610	270	303	243	2,310	148	107	39	130	70	17
29	39	941	240	270	-----	1,630	130	110	35	101	43	14
30	53	747	230	254	-----	1,450	114	65	37	66	35	15
31	54	-----	200	230	-----	1,240	110	47	-----	44	32	-----
TOTAL	2,247	5,671	15,181	9,484	30,719	27,319	10,341	1,867	4,072	1,713	1,218	590
MEAN	72.5	189	490	306	1,097	881	351	60.2	136	55.3	39.3	19.7
MAX	189	941	1,330	752	4,390	2,510	1,070	110	518	148	180	69
MIN	30	34	174	160	194	294	114	37	25	19	16	12
CFSM	.39	1.01	2.60	1.63	5.84	4.69	1.87	.32	.72	.29	.21	.10
IN.	.44	1.12	3.00	1.88	6.08	5.40	2.09	.37	.81	.34	.24	.12

CAL YR 1964: TOTAL 165,058 MEAN 451 MAX 5,210 MIN 10 CFSM 2.40 IN 32.65
 MAY YR 1965: TOTAL 110,622 MEAN 303 MAX 4,590 MIN 12 CFSM 1.61 IN 21.88

NOTE --No gage-height record Dec 18 to Jan 18

2-4540 Lost Creek near Oakman Ala

Location --Lat 33°45'50", long 87°21'30", in SE $\frac{1}{4}$ sec 3, T 15 S, R 8 W, on right bank of downstream side of bridge pier on State Highway 69, 0.2 mile upstream from Wolf Branch, 0.8 mile downstream from Pumpkin Creek, 4 miles northeast of Oakman, and 6.5 miles southwest of Jasper

Drainage area --130 sq mi

Records available --October 1951 to September 1965 Prior to December 1951 monthly discharge only, published in WSP 1724

Gage --Digital water-stage recorder. Altitude of gage is 280 ft (from topographic map) Prior to Apr 9, 1964, graphic water-stage recorder at present site and datum

Average discharge --14 years, 208 cfs

Extremes --Maximums and minimums (discharge, in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (3,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	0200	* 19,400	30 73	Apr 12, 1962	2100	4,400	18 64	Apr 7, 1964	0030	3,610	16 60
Dec 13, 1961	0900	3,620	16 62	Mar 13, 1963	1030	* 3,470	16 19	Apr 13, 1964	0345	* 13,100	27 55
Dec 18, 1961	2000	* 9,480	24 86					Apr 26, 1964	0715	4,920	19 76
Jan 6, 1962	1800	3,460	16 17	Jan 24, 1964	2100	3,940	17 50	Feb 12, 1965	-	* 4,960	19 83
Jan 29, 1962	0530	4,960	19 83	Mar 16, 1964	0430	4,790	19 50	Mar 27, 1965	0745	3,680	16 80

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	1 0	0 54	1964	Many days	b 0 10	-
1962	Many days	20	a 45	1965	Sept 29, 1965	1 0	-
1963	Nov 4, 1962	20	45				

a Occurred Sept 30, 1962

b Minimum daily

1951-65 Maximum discharge, 19,400 cfs Feb 23, 1961 (gage height, 30 73 ft), no flow Oct 25 to Nov 7, 1953, Oct 25, 27, 28, 1954

Revisions --The maximum discharge for water year 1958 has been revised to 9,760 cfs Nov 19, 1957 (gage height 24 9 ft), superseding figure published in WSP 1554

Remarks --Records good except those for periods of doubtful or no gage-height record, which are poor

Revisions --WSP 1384 Drainage area Revised figures of discharge, in cubic feet per second, for the high water period in the water year 1958, superseding those published in WSP 1554, are given herewith

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12	12	74	742	96	408	1,200	130	25	25	13	5.5
2	12	14	59	355	94	320	1,000	140	23	27	12	5.4
3	8.8	16	51	226	145	262	800	150	21	22	11	4.7
4	6.3	14	45	164	136	228	600	120	20	16	11	8.4
5	11	13	39	134	107	200	333	90	20	14	9.9	5.9
6	18	18	36	108	101	211	272	80	20	13	8.8	8.8
7	13	13	33	102	147	386	224	70	20	15	8.8	4.5
8	12	7.2	31	92	230	2,280	170	68	21	30	8.0	3.5
9	11	7.6	26	81	188	1,360	350	228	22	50	8.0	5.5
10	8.8	13	25	71	159	546	500	200	25	30	11	4.0
11	8.8	89	31	64	132	382	400	140	30	25	11	3.0
12	12	50	46	61	115	350	1,300	110	30	150	9.4	2.5
13	12	36	40	59	104	310	800	90	25	542	6.3	2.5
14	11	27	29	62	95	280	486	80	20	392	5.9	3.0
15	11	24	27	70	87	250	359	120	16	202	7.2	4.0
16	18	16	32	69	80	230	318	170	14	146	9.4	2.8
17	13	19	31	60	74	200	237	110	12	138	8.0	2.5
18	9.9	16	26	52	127	300	194	90	12	107	11	3.3
19	14	19	25	63	485	450	166	80	11	79	8.0	3.7
20	15	16	37	122	2,400	400	146	60	42	61	6.3	2.8
21	18	9.9	297	107	9,720	600	129	50	321	54	5.5	2.2
22	18	13	182	86	17,000	500	116	45	159	53	5.9	2.2
23	18	110	115	81	15,300	400	105	40	80	40	5.5	2.2
24	13	221	94	78	4,820	300	96	40	53	36	8.8	1.9
25	8.8	109	85	69	1,300	250	90	45	42	32	8.8	1.6
26	14	79	74	143	914	210	80	40	72	31	13	1.5
27	14	64	70	275	640	160	120	38	117	31	9.4	1.4
28	12	54	61	192	516	250	200	35	61	26	8.4	1.4
29	9.4	99	56	149	-----	400	250	32	50	19	6.3	1.3
30	12	103	88	123	-----	600	200	30	35	17	5.5	1.1
31	13	-----	190	103	-----	900	-----	27	-----	14	5.1	-----
TOTAL	387.8	1,301.7	2,055	4,163	55,312	13,923	11,241	2,748	1,419	2,437	266.2	103.2
MEAN	12.5	43.4	66.3	134	1,975	449	375	88.6	47.3	78.6	8.59	3.44
MAX	18	221	297	742	17,000	2,280	1,300	228	321	542	13	8.8
MIN	6.3	7.2	25	52	74	160	80	27	11	13	5.1	1.1
CFSM	10	33	51	103	15.2	3.45	2.88	68	36	60	0.07	0.03
IN.	11	37	59	119	15.8	3.98	3.22	79	41	70	0.08	0.03

CAL YR 1960: TOTAL 69,100.3
WAT YR 1961: TOTAL 95,356.9

MEAN 189
MEAN 261

MAX 4,540
MAX 17,000

MIN 3.9
MIN 1.1

CFSM 1.45
CFSM 2.01

IN 19.77
IN 27.28

Note --No gage-height record May 10 to June 13

2-4540 Lost Creek near Oakman, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.0	.90	8.8	338	483	999	1,160	78	22	7.2	5.6	1.4
2	5.6	1.3	8.2	286	374	655	527	71	14	4.2	7.2	1.2
3	4.2	1.4	8.2	237	298	485	351	63	7.2	5.6	5.6	.80
4	2.6	2.0	7.7	198	251	372	273	51	7.7	6.1	3.8	.50
5	1.8	2.8	7.7	859	224	298	298	45	8.8	3.2	3.5	.60
6	2.2	2.8	14	3,260	190	242	2,240	40	8.8	4.6	2.4	.90
7	6.1	2.2	14	2,040	163	212	1,740	37	8.2	23	1.8	.90
8	3.5	1.8	21	751	160	192	741	34	3.5	13	2.4	.90
9	1.8	1.7	39	497	170	394	497	31	11	9.9	6.1	.90
10	1.2	1.4	335	376	146	608	353	29	6.6	6.6	5.6	1.2
11	1.0	1.3	511	289	126	1,950	1,000	26	5.6	8.2	4.2	1.3
12	.60	1.2	2,740	254	116	1,050	4,030	24	14	7.7	4.2	.90
13	.60	1.6	3,160	217	112	599	3,190	21	26	7.7	3.0	.90
14	.40	2.0	681	196	106	411	833	19	18	8.2	2.6	1.3
15	.30	2.6	631	976	99	317	565	17	14	8.8	3.0	1.8
16	.20	6.1	742	915	132	259	395	16	11	9.3	4.2	2.2
17	2.2	11	2,820	519	137	216	307	14	8.8	8.8	2.8	1.4
18	2.2	13	7,650	393	114	184	254	13	7.7	8.8	2.4	.90
19	1.6	9.9	6,130	958	135	169	217	11	5.6	8.2	1.8	.80
20	1.2	8.8	1,090	691	131	162	182	10	24	7.7	1.7	.60
21	1.6	3.2	495	471	218	188	157	9.0	12	7.2	2.2	.50
22	3.2	3.8	355	366	1,290	172	135	8.3	6.1	6.6	2.0	.40
23	5.1	36	296	1,030	1,130	138	123	7.8	6.1	6.1	2.0	.40
24	3.5	104	232	1,030	1,860	122	117	7.3	7.2	6.1	2.4	.30
25	2.2	53	182	817	980	284	107	6.9	3.8	5.6	2.4	.20
26	1.4	26	152	1,020	1,080	533	105	6.6	26	5.6	2.6	.20
27	.90	17	214	3,820	735	291	99	6.2	17	5.1	2.0	.20
28	.40	12	377	4,260	941	225	90	5.9	10	4.2	2.2	.20
29	.40	10	261	4,320	-----	184	96	5.7	8.8	2.8	1.8	.20
30	.40	9.3	206	1,140	-----	166	93	5.5	8.2	2.6	1.6	.20
31	.60	-----	206	633	-----	1,310	-----	14	-----	2.6	1.6	-----
TOTAL	60.00	350.10	29,594.6	33,157.10	11,901.825	13,387.432	20,275.676	733.2	337.7	221.3	96.7	24.20
MEAN	1.94	11.7	955	1,070	426	432	676	23.7	11.3	7.14	3.12	.81
MAX	6.1	104	7,650	4,320	1,860	1,950	4,030	78	26	23	7.2	2.2
MIN	.20	.90	7.7	196	99	122	90	5.5	3.5	2.6	1.8	.20
CFSM	.01	.09	7.34	8.23	3.27	3.32	5.20	.18	.09	.05	.02	.007
IN.	.02	.10	8.47	9.49	3.40	3.83	5.80	.21	.10	.06	.03	.007

CAL YR 1961: TOTAL 121,617.10 MEAN 333 MAX 17,000 MIN .20 CFSM 2.56 IN 34.79

WAT YR 1962: TOTAL 110,137.80 MEAN 302 MAX 7,650 MIN .20 CFSM 2.32 IN 31.51

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.0	.50	2.4	26	230	84	89	603	161	120	16	5.0
2	1.8	.60	2.2	18	166	132	80	306	117	89	12	5.0
3	1.6	.40	1.3	14	479	111	70	220	93	72	11	3.7
4	1.0	.20	1.60	10	381	102	63	170	53	53	11	4.7
5	.90	.30	1.7	9.3	236	291	56	132	78	42	10	4.2
6	.90	.50	3.5	8.2	178	1,400	93	189	60	34	10	3.7
7	.90	.60	4.2	6.6	146	611	432	122	48	27	9.0	3.3
8	.80	.90	4.2	5.1	121	346	266	96	41	25	8.5	2.6
9	.80	2.0	4.6	6.1	101	263	186	68	35	23	7.0	2.3
10	.80	1.8	7.7	8.8	86	226	146	57	30	20	5.5	2.9
11	.90	3.2	8.2	8.2	80	274	115	53	25	18	5.5	3.3
12	.90	3.2	5.6	29	76	1,940	97	48	23	14	6.5	2.9
13	.90	3.2	3.2	50	68	3,140	80	42	20	12	6.0	2.6
14	.60	3.5	3.0	36	58	899	68	37	18	17	6.5	2.6
15	.60	3.8	3.2	25	53	487	60	34	15	38	5.5	2.9
16	4.0	3.8	3.8	16	46	391	55	30	15	162	4.7	6.5
17	2.0	3.5	3.8	13	44	605	52	27	48	75	4.7	3.7
18	.40	6.1	4.2	14	44	547	46	29	21	44	4.7	3.3
19	.90	5.6	3.8	90	171	395	43	33	18	30	7.5	2.9
20	1.6	6.6	2.8	264	222	469	40	27	21	23	7.5	3.3
21	2.9	8.9	2.4	143	160	318	38	19	93	19	9.0	2.9
22	16	6.6	2.6	76	165	238	37	25	280	16	7.0	2.6
23	10	3.5	2.6	60	104	198	33	19	194	16	6.0	2.3
24	5.6	2.6	3.8	66	104	170	29	15	178	71	4.2	2.3
25	2.6	2.4	7.2	61	105	150	30	15	129	44	5.0	2.3
26	1.6	1.8	6.1	50	91	183	46	897	86	27	6.5	2.3
27	.90	1.7	6.1	97	77	196	49	2,530	72	21	6.0	1.8
28	.80	2.2	14	87	68	150	54	1,750	122	22	8.4	1.7
29	.60	2.8	29	69	-----	118	615	642	516	18	7.5	1.7
30	.50	3.2	41	280	-----	105	1,370	342	191	17	6.0	1.7
31	.50	-----	37	471	-----	96	-----	228	-----	20	5.5	-----
TOTAL	65.30	86.00	225.80	2,117.3	3,790	14,635	4,438	8,805	2,825	1,227	230.2	93.1
MEAN	2.11	2.87	7.28	68.3	135	472	148	284	94.2	39.6	7.43	3.10
MAX	16	8.9	41	471	479	3,140	1,370	2,530	516	162	16	6.5
MIN	.40	.20	.60	5.1	44	84	29	15	15	12	4.2	1.7
CFSM	.02	.02	.06	.53	1.04	3.63	1.14	2.18	.72	.30	.06	.02
IN.	.02	.02	.06	.61	1.08	4.19	1.27	2.52	.81	.35	.07	.03

CAL YR 1962: TOTAL 80,510.20 MEAN 221 MAX 4,320 MIN .20 CFSM 1.70 IN 23.03

WAT YR 1963: TOTAL 38,537.70 MEAN 106 MAX 3,140 MIN .20 CFSM .81 IN 11.02

2-4540 Lost Creek near Oakman, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.4	.20	10	44	193	211	181	363	16	8.5	43	18
2	1.4	.10	7.5	52	160	1,210	168	743	16	63	43	13
3	1.4	.20	9.0	55	138	2,460	149	1,020	16	205	36	12
4	1.4	.20	7.0	205	125	1,010	156	711	14	76	25	11
5	1.2	.20	5.5	311	142	1,620	284	431	12	43	23	11
6	.60	.30	5.5	295	309	841	3,130	299	14	41	21	9.5
7	.40	1.2	5.0	643	241	605	2,550	234	15	31	20	9.0
8	.40	2.3	7.5	421	206	645	1,300	190	20	25	18	8.5
9	.50	.40	3.7	1,630	167	581	765	159	15	24	16	8.0
10	1.2	.20	3.3	1,190	150	1,350	470	139	12	21	15	2.9
11	1.2	.10	159	501	136	761	340	129	11	18	17	.90
12	.90	.10	627	345	118	507	1,230	105	34	523	19	1.0
13	.60	.10	247	265	160	363	7,600	89	31	1,070	17	1.2
14	.50	.10	157	196	469	1,300	10,700	77	19	313	14	1.2
15	.80	.20	141	156	429	4,140	3,120	60	16	169	12	.80
16	1.4	.20	93	138	775	4,080	699	49	13	569	21	.50
17	1.4	.20	65	125	463	910	487	41	11	244	30	.40
18	1.0	.20	57	111	791	575	356	37	10	138	23	.90
19	.50	.20	53	100	751	435	272	32	9.5	92	15	1.2
20	.40	.20	47	97	481	445	220	30	8.5	181	15	1.0
21	.40	.20	41	88	347	349	190	28	7.5	395	12	1.2
22	.30	.20	37	74	275	268	164	25	7.5	176	11	2.1
23	.30	.30	50	71	238	244	155	24	8.0	201	96	1.9
24	.30	.30	72	1,220	204	236	547	38	9.0	127	50	1.6
25	.30	.30	66	3,720	260	267	946	39	38	126	38	1.4
26	.20	.30	60	1,620	347	877	1,280	28	21	100	33	1.3
27	.20	.20	54	555	274	545	3,550	23	14	80	210	.90
28	.20	.40	52	380	258	371	4,320	20	11	61	140	1.3
29	.20	26	50	277	244	286	1,070	18	9.5	54	76	12
30	.20	20	45	238	244	232	521	18	9.0	46	45	71
31	.10		42	211		199		16		68	29	
TOTAL	21.30	55.10	2,279.0	15,334	8,851	27,923	46,918	6,015	447.5	5,288.5	1,317	206.70
MEAN	1.4	.26	73.5	3,720	791	4,140	10,700	1,820	38	1,070	210	71
MAX	1.4	.26	6.27	3,720	791	4,140	10,700	1,820	38	1,070	210	71
MIN	.10	.10	3.3	44	118	199	149	16	7.5	8.5	11	.40
CFSM	.005	.01	.57	3.80	2.35	6.93	12.0	1.49	.11	1.31	.29	.05
IN.	.006	.02	.65	4.39	2.53	7.99	13.4	1.72	.13	1.51	.34	.06

CAL YR 1963: TOTAL 10,518.00 MEAN 111 MAX 16,140 MIN .10 CFSM 2.81 IN 32.92

CAL YR 1964: TOTAL 14,518.00 MEAN 111 MAX 16,140 MIN .10 CFSM 2.81 IN 32.92

Note --No gage-height record July 25 to Sept 1

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	32	18	190	91	120	150	547	46	9.5	12	20	6.5
2	15	17	148	86	140	620	433	41	8.5	17	16	8.0
3	11	16	121	105	120	511	349	38	8.0	16	14	7.0
4	15	15	219	100	105	539	372	35	7.0	20	11	5.0
5	41	15	240	98	102	439	302	32	6.5	34	9.5	4.7
6	36	14	157	92	105	405	254	30	7.5	18	9.0	4.7
7	21	14	124	88	180	315	225	29	98	19	8.0	4.2
8	15	14	105	83	800	255	210	26	213	40	7.5	2.9
9	12	91	81	91	2,800	220	185	24	63	21	29	2.9
10	11	17	81	280	2,700	189	162	22	36	15	21	2.3
11	9.0	14	457	440	3,200	162	144	21	57	14	15	2.3
12	8.5	12	1,760	320	4,300	952	338	28	351	20	15	4.7
13	8.5	11	841	230	3,000	965	350	22	134	15	38	16
14	9.5	11	459	170	750	547	213	20	75	12	25	15
15	30	11	315	140	540	459	186	17	56	11	18	9.0
16	127	10	238	130	350	393	180	15	95	28	14	6.2
17	63	10	213	110	440	423	135	15	66	30	11	6.5
18	39	11	477	96	480	1,560	913	14	48	25	9.5	4.2
19	30	14	378	90	350	717	118	13	38	21	8.5	2.6
20	26	102	409	84	280	484	120	14	30	16	7.0	2.3
21	22	81	374	77	230	353	92	14	25	12	7.0	2.1
22	20	29	209	78	200	71	74	14	21	9.0	6.5	1.4
23	19	29	255	420	160	282	74	13	18	8.5	7.5	1.4
24	18	40	223	850	160	392	68	12	16	8.0	6.5	1.9
25	16	679	216	440	230	617	68	12	29	117	7.0	1.7
26	16	342	193	320	160	2,660	86	12	25	63	7.0	1.7
27	15	176	153	260	140	3,210	127	12	19	110	9.5	1.4
28	15	589	131	220	140	990	74	19	14	71	35	1.4
29	16	699	120	180		746	57	25	13	41	16	1.0
30	19	297	109	150		1,270	51	14	12	29	16	1.3
31	19		104	130		763		11		22	12	
TOTAL	754.5	3,333	9,200	6,035	22,282	22,044	5,710	660	1,599.0	894.5	436.0	132.8
MEAN	24.3	111	297	195	796	711	190	21.3	53.3	28.9	14.1	4.43
MAX	127	699	1,760	850	4,300	3,210	547	46	351	117	38	16
MIN	8.5	10	81	75	102	150	51	11	6.5	8.0	6.5	1.0
CFSM	.19	.89	2.28	1.50	6.12	5.47	1.46	.16	.41	.22	.11	.03
IN.	.22	.95	2.63	1.73	6.37	6.31	1.63	.19	.46	.26	.12	.04

CAL YR 1964: TOTAL 123,448.20 MEAN 343 MAX 10,700 MIN .40 CFSM 2.64 IN 35.89

CAL YR 1965: TOTAL 75,080.8 MEAN 200 MAX 4,300 MIN 1.0 CFSM 1.34 IN 20.91

Note --Doubtful gage-height record Jan 20 to Mar. 2

2-4542 Wolf Creek near Oakman, Ala

Location --Lat 33°40'20" long 87°23'15", in NW 1/4 sec 9, T 16 S, R 8 W, near right bank on downstream side of pier of bridge on State Highway 69, 3 miles south of Oakman, and 9 miles upstream from Indian Creek

Drainage area --89.1 sq mi

Records available --July 1959 to September 1965

Gage --Water-stage recorder Altitude of gage is 270 ft (from topographic map)

Average discharge --6 years, 147 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	1900	* 9,820	22 80	Jan 27, 1962	1100	3,640	15 70	Apr 6, 1964	2000	2,950	13.84
Mar 8, 1961	2000	2,500	12 26	Apr 12, 1962	1800	2,230	11 23	Apr 15, 1964	2130	* 7,980	21.40
Mar 21, 1961	0400	2,620	12 75	Mar 13, 1963	1015	* 2,870	13 58	Apr 27, 1964	1830	3,490	15 35
Mar 31, 1961	1300	4,820	17 46	Jan 25, 1964	1100	3,990	16 45	Feb 12, 1965	2100	* 3,030	14 08
Dec 12, 1961	1100	2,450	11 66	Mar 2, 1964	1800	2,240	11 21	Mar 26, 1965	1130	2,690	12.97
Dec 18, 1961	1400	* 5,580	18 54	Mar 15, 1964	1900	4,800	17.72				
Jan 6, 1962	1630	2,630	12 78								

Annual minimum daily discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 18-22, 28-30	0 80	-	1964	Many days	0	-
1962	Sept 20, 1962	0	-	1965	Sept 26, 27, 1965	0	-
1963	Many days	0	-				

1959-65 Maximum discharge, 9,820 cfs Feb 22, 1961 (gage height, 22 80 ft), no flow many days 1962-64

Remarks --Records fair above 5 cfs and poor below

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.4	5.1	20	579	35	242	2,070	68	2.4	10	5.0	2.0
2	2.2	6.2	15	250	40	185	605	78	1.8	8.8	4.2	2.0
3	1.8	5.4	12	120	50	150	386	57	1.4	10	3.5	2.0
4	1.4	4.5	10	74	40	130	280	48	1.2	7.4	3.0	2.0
5	1.4	3.3	9.0	57	35	113	199	40	.90	5.9	2.8	4.0
6	2.0	2.8	7.5	46	30	183	155	34	10	4.7	7.7	3.0
7	3.6	2.2	6.6	38	50	1,290	125	29	18	4.4	5.9	3.0
8	3.9	2.0	6.4	32	110	2,020	104	27	14	12	14	2.0
9	3.3	1.8	5.8	26	110	1,260	251	461	16	18	26	2.0
10	2.2	3.6	5.1	22	93	498	337	195	59	10	11	2.0
11	1.8	8.0	7.5	21	72	316	235	114	31	8.0	5.0	2.0
12	1.6	9.5	12	18	58	223	886	84	24	371	3.3	1.5
13	1.3	8.5	12	17	46	469	764	65	18	470	2.8	1.5
14	1.2	6.6	10	20	38	635	397	51	14	373	2.3	1.0
15	2.2	5.1	9.5	19	31	394	262	46	10	179	2.1	1.1
16	10	5.1	10	15	27	262	188	42	10	131	3.0	1.0
17	6.2	4.8	9.5	15	24	194	140	31	8.0	154	18	1.0
18	5.8	5.1	8.0	47	204	771	112	25	8.0	115	15	.80
19	4.5	4.8	7.0	74	731	728	92	21	7.4	76	10	.80
20	5.1	4.8	18	80	2,600	492	80	17	48	75	7.0	.80
21	4.8	4.2	254	60	7,100	1,870	70	15	162	82	5.0	.80
22	5.1	4.5	140	45	9,380	749	61	12	62	49	4.0	.80
23	4.8	9.5	70	40	5,600	380	56	13	36	36	3.0	1.0
24	3.3	31	48	35	1,200	234	50	14	35	32	5.0	1.0
25	2.6	24	38	30	854	184	46	11	22	38	6.0	1.2
26	1.8	17	31	50	463	144	50	8.5	29	24	5.0	1.1
27	1.4	13	27	90	439	128	113	7.0	36	18	4.0	.90
28	1.0	11	22	70	329	981	108	7.0	25	13	3.0	.80
29	2.0	13	19	60	-----	1,200	71	4.8	18	10	2.5	.80
30	2.8	26	25	50	-----	1,100	56	3.6	14	8.0	2.0	.80
31	4.5	-----	115	40	-----	4,160	-----	3.1	-----	6.5	2.0	-----
TOTAL	98.0	252.4	990.1	2,140	29,989	21,687	6,351	1,632.0	742.10	2,359.7	193.1	45.70
MEAN	3.16	8.41	31.9	69.0	1,071	700	278	52.6	24.7	76.1	6.23	1.52
MAX	10	31	254	579	9,380	4,160	2,070	461	162	470	26	4.0
MIN	1.0	1.8	5.1	15	24	113	46	3.1	.90	4.4	2.0	.80
CFM	.04	.09	.36	.77	12.0	7.85	3.12	.59	.28	.85	.07	.02
IN.	.04	.11	.41	.89	12.5	9.05	3.49	.68	.31	.98	.08	.02

CAL YR 1960: TOTAL 45,372.00 MEAN 124 MAX 4,320 MIN .10 CFM 1.39 IN 18.22
 MAY YR 1961: TOTAL 68,480.10 MEAN 188 MAX 9,380 MIN .80 CFM 2.11 IN 28.38

2-4542 Wolf Creek near Oakman, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.90	.50	1.9	206	225	301	1,030	39	8.4	1.6	.70	.10
2	.90	.50	1.8	189	175	262	369	35	6.0	1.4	.70	.10
3	.80	.70	1.8	154	140	209	227	31	5.3	2.6	1.3	.10
4	.60	1.0	1.8	124	118	167	175	27	2.8	1.6	5.3	.10
5	.50	1.4	2.3	604	103	145	194	24	2.0	1.2	4.2	.10
6	.50	1.1	3.3	2,270	85	109	1,430	22	1.6	17	1.0	.10
7	.40	.80	8.0	1,450	72	93	1,340	21	1.4	12	1.3	.70
8	.40	.80	7.4	420	76	85	485	17	3.5	3.9	4.9	.30
9	.40	.60	21	239	79	202	283	15	2.6	2.4	18	.10
10	.40	.50	411	179	68	485	197	13	1.6	.80	5.2	.10
11	.40	.50	479	135	58	1,160	617	10	1.8	.30	1.8	.10
12	.30	.60	2,160	120	54	884	2,020	8.5	2.6	.20	.80	.40
13	.30	.80	1,460	101	51	400	1,300	7.0	3.6	.10	.60	.30
14	.30	1.1	286	96	47	242	485	5.8	2.4	.10	.40	.30
15	.20	1.3	373	626	46	180	301	4.8	1.4	.10	.30	.20
16	.20	1.7	298	678	69	143	209	4.2	1.0	.10	.30	.20
17	.10	1.5	1,540	296	66	111	162	3.9	.80	.10	.20	.20
18	.10	1.3	4,860	206	61	92	136	3.3	.70	6.3	.20	.10
19	.10	1.0	1,990	995	72	84	115	2.8	1.2	2.1	.10	.10
20	.10	.80	342	681	68	80	96	2.4	4.2	.40	.10	0
21	.10	.70	204	318	124	155	83	2.0	5.2	.30	.20	.10
22	.10	.70	148	220	895	112	72	2.0	2.0	.10	22	.10
23	.10	16	124	913	895	89	64	1.8	1.0	.10	7.8	.30
24	.10	16	95	948	1,150	77	60	1.6	1.2	.10	2.2	.30
25	.10	6.8	74	426	690	193	60	1.6	3.1	.30	.90	.30
26	.20	3.8	61	483	449	308	58	1.6	2.8	5.4	.50	.30
27	.20	2.8	92	3,400	310	197	51	1.3	2.0	1.6	.30	.30
28	.30	2.8	189	3,090	283	147	49	1.3	3.1	1.0	.20	.30
29	.30	2.6	161	1,780	-----	118	53	1.0	5.4	2.4	.20	.30
30	.40	1.9	124	560	-----	100	47	2.6	2.4	2.8	.10	.30
31	.50	-----	126	308	-----	1,030	-----	6.6	-----	.80	.10	-----
TOTAL	10.30	72.60	15,668.3	22,215	6,529	7,960	11,798	320.1	81.10	69.70	81.90	6.30
MEAN	.33	2.42	505	717	233	257	393	10.3	2.70	2.25	2.64	.21
MAX	.90	1.6	4,860	3,400	1,150	1,160	2,020	8.5	2.6	6.3	7.8	.70
MIN	.10	.50	1.8	96	46	77	47	1.0	.70	.10	.10	0
CFSM	.004	.03	5.67	8.04	2.62	2.88	4.41	.12	.03	.03	.03	.002
IN.	.004	.03	6.54	9.27	2.73	3.32	4.92	.13	.03	.03	.03	.003

CAL YR 1961: TOTAL 82,890.80 MEAN 227 MAX 9,380 MIN 0 CFSM 2.55 IN 34.60
 MAY YR 1962: TOTAL 64,812.30 MEAN 178 MAX 4,860 MIN 0 CFSM 1.99 IN 27.05

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.20	.10	.70	14	227	57	59	373	76	25	14	1.2
2	.30	.10	.70	9.5	150	93	23	168	52	16	8.2	1.1
3	.30	0	7.60	7.5	390	82	47	109	39	12	6.1	.80
4	.30	0	.60	5.8	360	81	43	77	31	8.8	4.4	2.6
5	.20	0	.70	4.8	200	530	38	58	27	6.7	4.0	3.2
6	.20	0	.90	4.5	130	1,200	55	64	25	5.4	4.0	3.1
7	.20	1.6	.70	96	588	216	68	44	17	4.6	3.4	1.8
8	.10	0	1.6	3.1	73	403	187	44	17	4.6	3.0	1.3
9	.10	0	1.6	3.1	58	178	132	34	14	5.6	2.8	1.0
10	.10	.10	1.4	2.6	50	146	103	28	11	6.7	2.5	1.2
11	.10	.90	1.2	3.3	44	142	79	23	9.6	4.6	2.3	1.0
12	.10	.70	1.2	21	41	1,130	66	20	7.9	3.1	1.9	.80
13	.10	.20	.80	38	36	2,560	52	19	7.3	2.8	2.2	.80
14	.10	.20	.70	32	32	761	44	19	6.1	12	2.4	.50
15	0	.30	.70	24	28	315	41	30	5.8	16	2.0	.40
16	1.0	.30	.70	17	26	225	37	26	5.8	668	1.9	.60
17	.50	.60	.60	14	25	518	33	19	5.8	199	1.9	.80
18	0	2.0	.60	15	25	479	28	14	5.6	104	1.9	.50
19	.20	2.2	.70	166	109	315	25	15	5.6	64	1.9	.30
20	.10	2.2	.70	506	153	246	23	13	6.7	42	1.9	.20
21	.10	2.2	.70	192	124	182	22	9.2	16	32	1.9	.20
22	.10	2.6	.90	107	90	137	19	7.9	29	23	1.9	.10
23	.10	2.8	1.4	83	72	112	17	6.7	49	14	1.8	.20
24	.10	1.8	3.1	83	73	96	14	6.4	59	12	2.2	.40
25	.20	1.2	5.8	82	67	88	16	7.6	38	10	13	.30
26	.20	1.0	6.2	66	57	137	26	432	25	10	13	.30
27	.10	.70	3.9	79	46	120	22	968	18	15	4.0	.40
28	.10	.80	2.6	78	43	103	25	1,080	19	11	3.9	.60
29	.10	.70	10	67	-----	88	239	421	54	7.9	5.0	.70
30	.10	.70	46	265	-----	77	918	184	48	9.2	3.0	.60
31	.10	-----	22	503	-----	67	-----	113	-----	45	1.8	-----
TOTAL	5.50	24.40	119.90	2,499.8	2,935	11,260	2,679	4,452.8	736.2	1,400.0	124.2	27.00
MEAN	.18	.81	3.87	80.6	93	363	89.3	144	24.5	45.2	4.01	.90
MAX	1.0	2.8	46	506	500	2,560	918	1,080	76	668	14.5	3.2
MIN	0	0	.60	2.6	25	57	14	6.4	5.6	2.8	1.8	.10
CFSM	.002	.009	.04	.91	1.18	4.08	1.00	1.61	.28	.51	.04	.01
IN.	.002	.01	.05	1.04	1.23	4.70	1.12	1.86	.31	.58	.05	.01

CAL YR 1962: TOTAL 49,210.90 MEAN 135 MAX 3,400 MIN 0 CFSM 1.51 IN 20.54
 MAY YR 1963: TOTAL 26,263.80 MEAN 72.0 MAX 2,560 MIN 0 CFSM 1.61 IN 10.96

2-4542 Wolf Creek near Oakman, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.80	0	2.4	25	95	124	82	174	8.4	3.7	6.8	3.4
2	1.0	0	1.7	25	77	1,120	74	424	7.9	75	5.6	2.8
3	.90	0	1.5	39	65	1,850	68	704	6.8	36	5.4	2.2
4	.80	0	1.4	217	58	810	82	350	5.8	16	4.0	1.9
5	.60	0	1.4	225	61	1,030	120	206	5.0	9.8	3.7	1.8
6	.50	0	1.3	212	129	599	2,500	139	11	8.4	3.4	1.6
7	.50	.40	1.3	338	112	373	1,750	100	11	5.4	3.1	1.3
8	.50	.80	1.7	264	90	361	677	79	7.1	5.2	2.8	1.6
9	.50	0	1.5	1,260	79	419	403	66	5.8	27	2.4	1.6
10	.50	0	1.7	728	73	1,020	252	59	4.8	18	2.3	1.2
11	.50	0	1.64	269	66	596	182	50	4.6	9.5	2.7	1.0
12	.50	0	404	180	59	347	531	42	3.8	604	3.0	.90
13	.50	0	114	126	80	230	4,700	39	3.4	488	2.7	.60
14	.50	.20	99	88	232	506	4,630	34	3.4	137	2.2	.50
15	.40	.20	89	72	288	3,660	814	28	3.1	62	1.9	.50
16	.40	.20	64	63	526	2,650	414	25	2.8	41	3.4	.30
17	.40	.20	47	61	336	590	264	22	2.7	31	5.0	.20
18	.30	.20	37	55	652	356	189	19	2.5	24	3.7	.20
19	.30	.30	28	50	649	246	143	16	2.3	19	2.8	.50
20	.20	.20	24	47	382	234	111	14	2.3	18	2.4	1.0
21	.20	.40	20	41	249	199	89	13	2.2	43	1.9	1.3
22	.10	.50	18	36	188	162	76	12	1.9	40	1.7	1.0
23	0	.50	36	32	150	139	72	13	1.8	27	15	.80
24	0	.30	41	1,020	122	119	108	26	1.6	21	7.9	.90
25	0	.40	38	3,370	196	113	102	21	2.0	16	5.8	.30
26	0	1.2	34	1,170	287	311	575	15	3.0	16	5.2	.20
27	0	1.2	31	358	232	279	3,340	11	2.2	12	48	.10
28	0	2.1	26	220	197	193	1,950	9.5	1.9	10	23	.20
29	0	9.0	23	150	150	141	487	12	1.7	8.1	11	2.7
30	0	6.5	20	119	-----	108	264	11	1.8	7.4	6.3	12
31	0	-----	19	106	-----	90	-----	8.8	-----	11	4.6	-----
TOTAL	10.90	24.80	1,391.9	10,966	5,880	18,975	25,049	2,742.3	124.6	1,880.5	199.7	44.20
MEAN	.35	.83	44.9	354	203	612	835	88.5	4.15	99.7	6.44	1.47
MAX	1.0	9.0	404	3,370	652	3,660	4,700	704	11	604	48	12
MIN	0	0	1.3	25	58	90	68	8.8	1.6	3.7	1.7	.10
CFSM	.004	.009	.50	3.97	2.28	6.87	9.37	.99	.05	.67	.07	.02
IN.	.005	.01	.58	4.58	2.45	7.92	10.5	1.14	.05	.77	.08	.02

CAL YR 1963: TOTAL 27,541.60 MEAN 75.5 MAX 2,560 MIN 0 CFSM 2.85 IN 11.50
WAT YR 1964: TOTAL 67,257.90 MEAN 184 MAX 4,700 MIN 0 CFSM 2.06 IN 28.07

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5.4	3.0	32	53	59	115	370	25	7.4	2.4	3.1	6.6
2	3.2	3.0	24	51	73	554	262	22	6.6	4.9	2.5	4.6
3	2.5	2.5	20	61	61	409	201	20	5.6	4.4	2.0	4.0
4	2.5	2.4	48	60	54	347	172	18	5.6	4.0	1.8	3.2
5	4.2	2.4	66	56	53	295	133	16	5.0	7.8	1.4	2.8
6	5.2	2.4	42	54	55	244	123	14	6.8	20	1.2	2.5
7	4.0	2.3	31	52	123	174	111	13	51	15	1.0	2.2
8	3.4	2.3	26	49	135	135	102	12	90	11	1.0	1.9
9	3.1	2.8	22	46	1,700	114	93	11	36	11	1.0	1.4
10	2.8	3.1	18	343	1,540	95	83	9.5	20	7.4	1.0	1.2
11	2.7	2.0	176	328	1,730	79	76	8.4	15	5.0	1.0	1.0
12	2.5	1.6	892	206	2,870	699	122	11	30	3.5	.90	1.3
13	2.4	1.3	471	139	1,700	898	116	9.5	38	3.0	.70	2.3
14	2.5	1.3	193	102	466	388	97	9.1	27	2.5	4.1	3.5
15	15	1.3	117	83	269	234	89	7.1	26	3.2	3.0	2.8
16	30	1.2	88	76	180	156	95	5.6	20	5.0	1.9	2.4
17	18	1.3	78	62	225	156	77	5.4	16	3.8	1.4	1.9
18	11	1.7	228	55	256	370	67	4.6	13	5.4	1.0	1.6
19	6.6	2.2	225	52	211	227	75	4.4	9.8	3.5	1.6	1.3
20	4.8	3.4	232	47	162	154	74	4.8	7.9	3.2	3.7	.90
21	4.0	5.8	237	43	130	113	59	6.3	5.6	2.8	3.7	.60
22	3.5	5.6	186	41	99	92	51	5.0	4.8	2.2	2.3	.60
23	3.4	4.6	145	561	82	85	46	4.4	3.8	1.9	5.2	.50
24	3.2	7.5	114	729	85	202	63	5.9	4.4	5.0	4.0	.40
25	3.0	171	119	328	113	325	40	7.6	7.6	15	2.8	.30
26	2.8	67	102	204	82	2,180	41	6.1	5.2	8.4	2.0	.20
27	2.5	31	82	130	73	1,920	39	7.6	3.8	9.8	2.2	.20
28	2.5	110	73	100	69	1,250	38	12	3.1	12	8.2	.40
29	2.7	202	66	87	-----	511	31	12	2.7	7.6	36	.30
30	2.8	57	61	78	-----	865	28	8.8	2.5	5.8	23	.40
31	2.8	-----	59	67	-----	569	-----	7.9	-----	4.0	11	-----
TOTAL	165.0	705.0	4,273	4,343	12,655	13,955	2,954	314.0	480.2	200.5	135.70	53.30
MEAN	5.32	23.5	138	140	452	450	98.5	10.1	16.0	6.47	4.38	1.78
MAX	30	202	892	729	2,870	2,180	370	25	90	20	36	6.6
MIN	2.4	1.2	18	41	53	79	28	4.4	2.5	1.9	.70	.20
CFSM	.06	.26	1.55	1.57	5.07	5.05	1.11	.11	.18	.07	.05	.02
IN.	.07	.29	1.78	1.81	5.28	5.82	1.23	.13	.20	.08	.08	.02

CAL YR 1964: TOTAL 70,973.30 MEAN 194 MAX 4,700 MIN .10 CFSM 2.18 IN 29.62
WAT YR 1965: TOTAL 40,233.70 MEAN 110 MAX 2,870 MIN .20 CFSM 1.24 IN 16.79

2-4550 Locust Fork near Cleveland, Ala

Location --Lat 34°02', long 86°34', in NE $\frac{1}{4}$ 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 2 5 miles downstream from Graves Creek

Drainage area --309 sq mi

Records available --December 1936 to September 1965

Gage --Digital and graphic water-stage recorders Datum of gage is 536 94 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark). Prior to Apr 20, 1940, staff gage at site 200 ft upstream at same datum Apr 20, 1940, to Mar 23, 1944, staff gage, Mar 24, 1944, to Apr 11, 1945, wire-weight gage, Apr 12, 1945 to Sept 17, 1965, graphic water-stage recorder, at present site and datum

Average discharge --28 years (1937-65), 520 cfs

Extremes --maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (11,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	1400	* 23,600	13 91	Apr 12, 1962	1430	16,500	12 24	Mar 26, 1964	1230	11,800	10 80
Dec 12, 1961	1830	14,900	11 76	Apr 30, 1963	1340	* 17,500	12 51	Apr 8, 1964	0400	12,200	10 95
Dec 18, 1961	1530	* 18,000	12 62	Mar 15, 1964	1300	11,200	10 55	Apr 14, 1964	-	-	-
Jan 27, 1962	1430	11,400	10 65					Mar 26, 1965	1530	* 11,600	10 70

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 5, 1960	17	0 93	1964	Oct 21, 1963	6 1	0 75
1962	Sept 13, 1962	9 4	7 9	1965	Sept 7, 1965	11	87
1963	Sept 25-27, 1963	6 5	76				

1936-65 Maximum discharge observed, 47,000 cfs Dec 28, 1942 (gage height, 19 2 ft), minimum since Oct 1, 1943, 2 3 cfs Sept 14, 16, 1954, minimum prior to Oct 1, 1943, not determined

Remarks --Records good Record of water temperatures for the period October 1959 to September 1962 published in reports of the Geological Survey

Revisions (water years) --WSP 1112 1943(M) WSP 1304 1939(M), 1941(M) WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	30	51	296	1,080	352	1,750	2,900	351	256	256	123	414
2	26	51	244	956	348	1,440	2,080	378	218	211	106	300
3	22	51	209	734	637	1,220	1,510	334	184	178	100	317
4	21	50	188	595	655	1,040	1,220	268	160	160	96	268
5	21	47	176	520	560	967	982	237	149	146	84	181
6	37	44	162	466	505	1,570	828	215	154	126	80	128
7	45	42	154	412	630	2,900	695	191	166	118	88	157
8	59	41	149	373	1,010	7,990	595	178	149	227	202	121
9	63	41	138	340	891	4,340	866	237	141	288	338	96
10	106	79	128	310	764	2,350	1,300	233	133	260	211	80
11	100	104	186	286	660	1,680	912	226	263	160	146	67
12	88	106	266	273	580	1,330	2,020	191	898	276	109	67
13	35	98	254	257	530	1,410	2,120	175	392	1,210	92	65
14	48	86	212	290	480	1,510	1,460	154	222	1,340	80	55
15	45	80	209	356	435	1,130	1,120	188	172	1,090	67	51
16	44	76	212	352	394	942	926	342	154	1,630	78	63
17	34	76	200	318	375	805	758	211	136	1,710	76	65
18	32	76	182	303	420	1,490	634	163	128	926	63	51
19	38	73	168	344	678	1,550	547	246	123	634	55	45
20	272	67	209	510	3,930	1,210	486	187	116	541	48	41
21	244	63	740	476	15,400	1,540	430	154	146	475	47	37
22	154	62	655	399	22,200	1,550	382	144	172	378	45	34
23	111	98	490	373	15,400	1,230	347	1,110	178	334	42	34
24	88	176	412	348	6,260	995	321	674	681	733	45	33
25	74	188	369	314	5,470	835	296	775	387	842	40	30
26	65	162	340	399	3,980	696	288	2,650	730	401	37	25
27	63	149	314	580	2,660	618	514	1,100	1,110	296	102	25
28	60	138	279	505	2,130	837	786	681	709	229	60	23
29	55	231	266	440	-----	1,020	530	491	440	201	45	22
30	50	314	300	394	-----	954	392	382	330	172	37	21
31	50	-----	407	369	-----	2,860	-----	313	-----	144	274	-----
TOTAL	2,200	2,920	8,514	13,672	88,534	51,759	28,322	13,179	9,195	15,692	3,016	2,916
MEAN	71.0	97.3	275	441	3,162	1,670	944	425	307	506	97.3	97.2
MAX	272	314	740	1,080	22,200	7,990	2,900	2,650	1,110	1,710	338	414
MIN	21	41	128	257	348	618	288	144	116	118	37	21
CFSM	.23	.31	.89	1.43	10.2	5.40	3.06	1.38	.99	1.64	.31	.31
IN.	.26	.35	1.02	1.65	10.66	6.23	3.41	1.59	1.11	1.89	.36	.35
CAL YR 1960: TOTAL	137,265.4			MEAN 375		MAX 7,400	MIN 8.7	CFSM 1.21	IN 16.52			
WAT YR 1961: TOTAL	239,919			MEAN 657		MAX 22,200	MIN 21	CFSM 2.13	IN 28.88			

2-4550 Locust Fork near Cleveland, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	22	15	82	1,060	1,400	1,160	2,570	292	51	53	87	17
2	31	15	78	1,010	1,160	954	1,550	248	45	41	55	15
3	58	17	71	863	1,010	856	1,100	218	40	34	47	14
4	76	19	67	744	870	730	898	191	109	51	47	13
5	94	20	73	834	765	660	814	181	372	45	35	14
6	65	23	88	3,570	660	589	1,010	160	173	91	41	18
7	48	23	106	3,430	577	530	1,040	154	94	146	45	20
8	40	30	128	2,260	535	475	1,060	136	266	94	324	17
9	34	30	138	1,520	535	704	870	128	102	67	255	14
10	32	25	682	1,230	480	1,040	723	114	69	48	116	12
11	30	24	1,840	1,010	420	2,810	9,120	104	69	41	69	12
12	26	24	12,100	877	382	2,500	15,900	92	69	32	50	11
13	24	24	9,570	786	360	1,700	1,160	86	63	30	41	35
14	23	24	3,550	723	338	1,200	2,810	76	71	27	37	70
15	21	26	2,180	1,130	304	996	1,840	69	71	26	41	33
16	21	53	2,010	1,230	334	828	1,380	65	60	25	31	21
17	20	67	4,780	982	338	667	1,100	93	51	27	28	66
18	19	86	15,900	870	300	595	947	63	42	28	40	90
19	18	78	7,170	1,450	409	535	821	51	46	22	28	53
20	17	62	2,790	1,610	378	486	681	50	48	21	24	32
21	17	50	1,810	1,400	473	583	595	47	64	20	32	21
22	17	48	1,380	1,150	1,770	541	518	45	69	20	152	18
23	16	106	1,160	1,930	2,040	430	470	41	56	19	73	14
24	17	160	954	1,970	2,140	387	535	38	47	18	71	14
25	17	184	800	2,040	1,690	497	475	37	41	45	53	13
26	17	154	674	2,330	1,480	1,160	425	34	35	140	33	14
27	16	128	907	9,440	977	1,280	346	32	110	31	13	
28	15	106	1,280	8,680	1,170	667	338	27	38	80	25	12
29	14	98	982	4,280	-----	559	330	25	154	60	20	14
30	14	88	793	2,500	-----	486	317	33	80	45	18	13
31	14	-----	765	1,780	-----	3,340	-----	53	-----	64	17	-----
TOTAL	893	1,807	74,808	64,689	23,598	29,612	57,724	2,983	2,541	1,570	1,966	723
MEAN	28.8	60.2	2,413	2,087	843	955	1,924	96.2	84.7	50.6	63.4	24.1
MAX	94	184	15,900	9,440	2,140	3,340	15,900	292	372	146	324	90
MIN	14	15	67	723	300	387	317	25	35	18	17	11
CFSM	.09	.19	7.81	6.75	2.73	3.09	6.23	.1	.27	.16	.21	.08
IN.	.11	.22	9.00	7.79	2.84	3.56	6.95	.36	.31	.19	.24	.09

CAL YR 1961: TOTAL 303,793 MEAN 832 MAX 22,200 MIN 14 CFSM 2.69 IN 36.56
 WAT YR 1962: TOTAL 262,914 MEAN 720 MAX 15,900 MIN 11 CFSM 2.33 IN 31.64

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12	12	187	647	1,400	402	425	5,820	288	321	695	16
2	12	12	169	547	1,400	667	373	2,260	226	451	387	15
3	345	13	157	480	3,710	535	330	1,510	191	1,020	260	15
4	355	12	149	416	2,810	450	317	1,140	175	440	181	14
5	144	12	146	369	1,930	1,440	264	926	151	272	151	14
6	73	12	151	338	1,440	4,980	613	737	138	391	128	12
7	51	12	151	321	1,160	3,060	1,080	608	123	856	109	12
8	42	13	151	292	940	1,850	674	524	106	571	98	11
9	34	27	154	260	800	1,340	535	425	96	382	104	10
10	31	225	146	252	765	1,130	465	360	88	260	86	8.7
11	27	286	131	396	621	1,140	382	300	80	191	74	8.0
12	25	184	123	1,230	577	3,250	332	241	73	149	65	8.0
13	23	149	118	1,060	513	3,640	292	208	65	128	63	8.0
14	23	146	116	870	455	1,950	256	204	60	136	62	8.7
15	22	123	106	723	396	1,410	229	191	55	151	55	12
16	21	104	106	602	360	1,300	211	162	51	300	45	12
17	20	104	106	541	321	3,510	187	170	269	356	44	9.4
18	18	483	106	565	264	2,580	181	640	179	646	38	8.7
19	17	800	104	1,060	614	2,160	163	284	104	411	34	8.7
20	16	601	100	3,240	779	3,180	160	166	98	311	34	8.7
21	16	589	104	2,440	595	1,770	160	133	139	1,320	55	8.0
22	16	674	173	1,720	475	1,180	146	118	853	547	51	8.0
23	15	535	248	1,380	420	961	136	106	652	401	34	7.6
24	17	396	211	1,170	420	800	121	94	621	276	31	7.2
25	16	338	433	898	416	674	118	92	373	260	26	6.9
26	14	288	582	926	360	1,220	128	630	380	342	24	6.5
27	14	248	491	1,020	317	1,120	121	1,380	571	233	23	6.9
28	13	218	420	821	300	800	297	905	645	191	22	8.7
29	13	215	684	660	-----	660	450	660	425	411	12	12
30	13	211	1,040	1,180	-----	541	15,700	480	334	317	20	23
31	13	-----	828	1,630	-----	480	-----	360	-----	1,440	17	-----
TOTAL	1,471	7,042	7,891	28,054	24,558	50,180	29,346	21,834	7,609	13,481	3,037	314.7
MEAN	47.5	226	255	905	877	1,634	704	654	254	435	98.0	10.5
MAX	355	800	1,040	3,240	3,710	4,980	15,700	5,820	853	1,440	695	23
MIN	12	12	100	252	264	402	118	92	51	128	17	6.5
CFSM	.15	.76	.82	2.93	2.84	5.24	3.17	2.28	.82	1.41	.32	.03
IN.	.18	.85	.95	3.38	2.96	6.04	3.53	2.63	.92	1.62	.37	.04

CAL YR 1962: TOTAL 201,810 MEAN 553 MAX 15,900 MIN 11 CFSM 1.79 IN 24.29
 WAT YR 1963: TOTAL 194,817.7 MEAN 534 MAX 15,700 MIN 6.5 CFSM 1.73 IN 23.45

2-4550 Locust Fork near Cleveland, Ala.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	23	16	152	215	702	628	884	1,000	60	44	133
2	17	15	94	215	589	2,150	744	1,500	69	38	41
3	17	12	74	251	496	3,760	647	3,300	56	109	58
4	15	15	62	703	445	2,400	614	2,500	50	144	55
5	14	18	62	975	440	3,010	660	1,500	44	73	34
6	12	17	58	1,100	595	1,890	4,630	940	88	51	113
7	9.4	17	48	1,710	547	1,590	6,590	634	262	38	69
8	9.4	17	53	1,300	450	1,550	10,400	559	157	33	53
9	8.7	17	55	4,560	396	1,340	3,690	486	92	27	47
10	8.7	16	63	2,840	373	1,780	1,770	460	69	63	38
11	8.0	14	248	1,910	347	1,400	1,340	411	56	109	40
12	8.7	12	1,520	1,390	317	1,170	1,790	351	53	270	48
13	8.7	12	1,020	1,090	378	975	7,000	313	63	614	40
14	8.0	10	954	842	747	3,070	15,000	264	76	361	34
15	8.0	10	800	695	803	9,730	7,000	229	55	187	35
16	8.0	10	602	608	1,610	5,240	3,000	204	42	375	432
17	8.7	10	450	547	1,230	2,580	2,000	184	38	338	1,060
18	8.7	10	382	496	1,590	1,790	1,400	160	33	204	317
19	8.0	10	325	440	1,630	1,410	1,100	144	30	133	166
20	7.6	10	276	435	1,280	1,340	900	128	28	445	116
21	7.6	9.4	241	416	1,020	1,260	800	111	27	553	90
22	8.0	9.4	218	369	863	989	700	102	25	325	74
23	8.7	12	248	347	730	828	550	94	33	215	135
24	51	12	284	1,330	628	723	550	92	122	146	279
25	51	12	256	6,750	712	3,050	1,000	86	106	111	248
26	48	11	248	3,010	905	10,100	1,700	80	72	88	157
27	41	12	256	1,850	737	4,030	3,000	71	45	82	111
28	37	17	226	1,320	744	2,180	3,200	69	44	71	88
29	26	10	210	1,020	737	1,550	3,300	62	37	62	76
30	22	295	191	863	90	1,910	2,500	56	30	55	576
31	15	-----	187	751	-----	1,000	-----	55	-----	62	53
TOTAL	531.9	958.8	9,863	40,348	22,041	75,643	88,459	16,147	1,962	5,446	4,463
MEAN	17.2	32.0	318	1,302	760	2,440	2,949	521	65.4	176	144
MAX	51	301	1,520	6,750	1,630	10,100	15,000	3,300	262	614	1,060
MIN	7.6	9.4	48	215	317	628	550	55	25	27	34
CFSM	.06	.10	1.03	4.21	2.46	7.90	9.54	1.69	.21	.57	.47
IN.	.06	.12	1.19	4.86	2.65	9.10	10.65	1.94	.24	.66	.54

CAL YR 1963: TOTAL 189,767.4 MEAN 520 MAX 15,700 MIN 6.5 CFMS 1.68 IN 22.84

WAT YR 1964: TOTAL 267,117.7 MEAN 730 MAX 15,000 MIN 7.6 CFMS 2.36 IN 32.15

Note --No gage-height record Apr 13 to May 5

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	160	88	486	435	373	1,220	1,280	283	23	26	24
2	90	84	440	417	550	1,390	1,100	250	21	24	21
3	56	84	401	540	480	1,720	905	228	20	31	19
4	56	74	1,390	485	426	1,830	1,740	209	19	117	17
5	98	78	1,450	417	404	1,640	4,420	185	19	213	17
6	116	76	1,110	394	408	1,390	4,990	172	20	228	22
7	90	69	746	382	725	1,130	2,630	159	125	156	17
8	67	78	600	361	807	972	2,060	148	187	179	21
9	56	78	525	352	3,290	849	1,510	135	109	118	77
10	50	74	444	1,160	2,600	734	1,140	123	63	94	32
11	44	69	826	1,200	3,730	640	948	114	50	85	23
12	38	69	3,100	821	6,200	1,130	3,800	118	52	87	20
13	37	69	2,040	692	3,520	1,360	2,410	118	130	63	18
14	35	67	1,460	610	2,300	1,060	1,470	100	132	52	15
15	205	67	1,010	555	1,600	884	1,230	85	459	132	15
16	1,160	65	788	540	1,210	752	1,220	78	215	153	15
17	674	65	716	495	1,240	814	898	67	140	87	14
18	392	69	956	435	1,150	1,000	722	59	109	56	16
19	288	133	807	404	940	752	734	56	85	45	16
20	222	416	884	377	807	640	698	63	65	38	25
21	191	347	933	356	716	580	555	63	52	34	21
22	169	241	814	344	630	540	485	56	45	30	19
23	151	198	734	494	580	500	430	52	41	28	82
24	131	248	660	665	580	2,100	386	44	37	27	68
25	118	1,830	835	565	933	2,780	344	38	96	28	66
26	109	1,170	807	510	710	10,200	344	37	56	30	46
27	106	793	650	448	610	5,430	613	34	39	81	28
28	102	709	590	408	575	2,830	476	31	34	49	23
29	98	723	540	390	-----	2,320	361	29	31	42	15
30	94	577	490	386	-----	2,220	314	27	27	41	22
31	92	-----	462	365	-----	1,620	-----	26	-----	30	19
TOTAL	5,295	8,710	27,694	16,003	38,094	53,027	40,213	3,187	2,501	2,404	859
MEAN	171	290	893	516	1,361	1,711	1,340	103	83.4	77.5	27.7
MAX	1,160	1,830	3,100	1,200	6,200	10,200	4,990	283	262	614	1,060
MIN	35	65	401	344	373	500	314	26	19	24	14
CFSM	.55	.94	2.89	1.47	4.40	5.54	4.34	.33	.27	.25	.09
IN.	.64	1.05	3.33	1.93	4.58	6.38	4.84	.38	.30	.29	.10

CAL YR 1964: TOTAL 297,463 MEAN 813 MAX 15,000 MIN 12 CFMS 2.63 IN 35.80

WAT YR 1965: TOTAL 198,631 MEAN 544 MAX 10,200 MIN 12 CFMS 1.76 IN 23.91

2-4555 Locust Fork at Trafford, Ala

Location --Lat 33°50', long 86°45', in SW 1/4 sec 9, T 14 S, R 2 W, on left bank 50 ft downstream from highway bridge, 0.8 mile northwest of Trafford, 1.5 miles east of Coaldale, and 2.8 miles upstream from Gurfley Creek

Drainage area --625 sq mi

Records available --September 1930 to September 1965 Monthly discharge only for period April to June 1932, published in WSP 1304

Gage --Digital and graphic water-stage recorders Datum of gage is 309.12 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark) Jan 28, 1934 to Oct 11, 1961 graphic water-stage recorder, prior to Jan 27, 1934, chain gage at same site and datum

Average discharge --35 years, 1,009 cfs (unadjusted)

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (17,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	0250	* 47,000	53.38	Jan 28, 1962	0745	22,300	36.57	Mar 16, 1964	0130	21,100	35.47
Dec 13, 1961	0745	23,700	37.77	Apr 12, 1962	2030	30,700	43.28	Apr 14, 1964	0745	* 21,300	35.65
Dec 19, 1961	0145	* 31,400	43.81	Apr 30, 1963	2400	* 20,700	35.05	Mar 27, 1965	0330	* 15,600	30.14

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 5, 1960	47	3.02	1964	Oct 19, 1963	a 22	-
1962	Sept 29, 30, 1962	27	-	1965	Aug 17, 1965	a 17	-
1963	Sept 24, 1963	a 18	-				

a Minimum daily

1930-65 Maximum discharge, 60,700 cfs Jan 6, 1949 (gage height, 59.1 ft), minimum daily, 8.0 cfs Oct 20, 1931

Flood in 1908 reached a stage of about 60 ft, from information by local residents

Remarks --Records good except those for period of no gage-height record, which are poor Diversion above station subsequent to 1938 from Inland Reservoir (usable capacity, 60,000 acre-ft) on Blackburn Fork for industrial water supply for city of Birmingham

Cooperation --Records of change in contents for and diversion from Inland Reservoir (usable capacity, 60,000 acre-ft) furnished by city of Birmingham

Revisions (water years) --WSP 782 1934 WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	80	109	659	2,320	634	3,210	6,880	817	359	363	188	1,400
2	65	118	525	2,400	607	2,590	4,300	834	310	297	165	1,220
3	62	105	426	1,860	1,430	2,170	3,000	742	280	260	155	1,030
4	53	96	371	1,120	1,580	1,880	2,360	621	260	237	145	759
5	59	96	333	946	1,230	1,680	1,880	575	250	218	135	514
6	102	93	308	829	1,070	2,230	1,550	491	248	198	132	344
7	128	83	287	745	1,200	8,120	1,320	456	247	191	300	251
8	188	80	275	672	1,900	13,500	1,140	438	247	227	536	237
9	455	80	250	604	1,820	10,200	1,300	227	393	378	194	
10	342	160	242	529	1,520	4,590	2,210	766	224	336	420	161
11	250	246	283	475	1,290	3,050	2,170	568	221	284	300	135
12	207	234	522	438	1,130	2,350	2,640	472	935	433	234	128
13	160	211	499	417	994	2,250	3,780	405	759	1,480	191	135
14	132	192	417	426	898	2,510	2,660	356	366	2,210	161	152
15	146	174	371	518	820	1,950	2,080	343	297	1,480	138	122
16	138	160	375	594	754	1,630	1,760	698	260	1,640	132	118
17	122	156	363	529	706	1,420	1,450	671	241	2,490	152	112
18	102	160	325	459	814	1,990	1,230	651	224	1,610	138	118
19	112	152	291	487	1,700	2,710	1,070	500	214	1,140	122	96
20	566	138	340	808	8,340	2,150	935	350	214	960	112	90
21	620	135	1,550	841	33,300	2,320	827	300	227	749	105	80
22	405	158	1,450	806	4,800	2,560	2,840	244	250	102	77	
23	266	156	1,030	653	11,000	2,090	618	800	251	475	99	74
24	211	295	847	614	23,100	1,730	575	700	658	460	96	71
25	174	337	745	554	11,000	1,470	536	644	641	932	93	65
26	152	300	691	620	7,960	1,290	530	2,000	704	615	93	62
27	132	258	600	1,000	4,960	1,158	1,210	1,580	1,620	390	93	59
28	125	250	522	961	3,820	1,530	1,720	1,200	1,090	310	132	53
29	118	574	471	838	-----	2,130	1,280	900	684	260	115	53
30	109	772	495	751	-----	2,060	953	700	459	234	90	50
31	109	-----	684	678	-----	6,610	-----	450	-----	211	241	-----
TOTAL	5,890	6,048	16,547	25,410	200,377	97,120	54,769	21,438	12,961	21,678	5,693	7,960
MEAN	190	202	534	820	7,156	3,133	1,826	692	432	699	184	265
MAX	620	772	1,550	2,400	44,800	13,500	6,880	2,000	1,620	2,490	578	1,400
MIN	53	80	242	417	607	1,150	530	280	214	191	90	50
(†)	-60	-52	-16	+7	+529	+5	-8	-7	-17	+3	+28	-49
(*)	76	69	66	65	64	66	67	72	76	76	80	79

CAL YR 1960: TOTAL 291,719 MEAN 797 MAX 20,500 MIN 23 + -31 + 77

WAT YR 1961: TOTAL 475,891 MEAN 1,304 MAX 44,800 MIN 50 + +27 + 72

† Change in contents, equivalent in cubic ft per second, in Inland Reservoir
* Diversion from Inland Reservoir, in cubic ft per second

2-4555 Locust Fork at Trafford, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	49	43	130	1,970	2,640	1,990	5,160	520	145	141	111	34
2	51	43	120	2,070	2,170	1,740	2,950	470	139	108	117	32
3	89	45	110	1,810	1,840	1,550	2,100	420	133	94	114	32
4	124	50	100	1,610	1,640	1,410	1,670	370	142	116	91	30
5	127	56	110	1,570	1,540	1,290	1,460	330	289	295	146	30
6	130	60	130	4,840	1,450	1,170	1,840	300	437	207	171	30
7	103	54	150	6,500	1,300	1,060	1,980	270	240	194	89	28
8	86	50	180	4,310	1,200	988	1,890	250	181	254	78	28
9	71	47	350	2,960	1,160	1,080	1,720	229	312	174	398	33
10	66	46	1,000	2,330	1,100	1,570	1,490	217	207	133	254	32
11	61	47	2,200	1,930	991	5,650	9,610	204	148	101	150	39
12	56	49	18,200	1,680	909	5,110	29,000	192	188	85	103	49
13	54	52	21,500	1,510	852	3,500	22,500	176	282	76	83	45
14	54	56	9,450	1,380	807	2,480	7,350	166	195	69	71	61
15	50	66	4,160	1,660	751	1,970	3,730	155	153	76	55	138
16	47	86	3,130	2,340	766	1,680	2,760	146	139	110	53	106
17	44	110	5,720	1,960	785	1,450	2,220	138	127	82	51	180
18	43	130	27,300	1,690	729	1,270	1,910	154	110	90	47	170
19	42	120	24,200	3,450	728	1,150	1,450	140	137	79	49	152
20	41	100	7,740	4,270	822	1,060	1,400	121	199	69	49	107
21	41	90	3,420	3,120	884	1,110	1,200	112	149	59	43	72
22	41	110	2,650	2,460	3,110	1,130	1,100	138	140	53	45	52
23	40	180	2,210	3,100	4,610	969	960	126	132	47	193	42
24	39	320	1,900	4,320	4,040	856	900	107	122	49	121	39
25	39	300	1,640	3,520	3,210	848	860	99	110	76	103	36
26	39	250	1,460	3,820	2,820	1,470	820	94	160	185	91	34
27	39	210	1,410	15,800	2,390	1,450	740	91	125	195	73	32
28	39	180	2,150	20,700	2,070	1,230	700	89	114	133	57	30
29	39	160	1,940	10,700	-----	1,020	650	86	101	133	47	27
30	39	140	1,630	4,960	-----	888	570	106	184	359	39	27
31	40	-----	1,520	3,390	-----	2,970	-----	150	-----	164	38	-----
TOTAL	1,823	3,250	147,970	127,730	47,314	53,109	112,950	6,166	5,240	4,007	3,130	1,747
MEAN	58.8	108	4,773	4,120	1,490	1,713	3,765	199	175	129	101	58.2
MAX	130	320	27,300	20,700	4,610	5,650	29,000	520	437	359	398	180
MIN	39	43	100	1,380	728	848	570	86	101	47	38	27
(+)	-47	-64	-32	+135	-2	+8	-16	-66	-34	-55	-71	-71
(*)	77	74	72	72	73	69	73	78	78	70	74	72

CAL YR 1961: TOTAL 600,449 MEAN 1,645 MAX 44,800 MIN 39 + +28 * 72
 MAY YR 1962: TOTAL 514,436 MEAN 1,409 MAX 29,000 MIN 27 + -20 * 74

† Change in contents, equivalent in cubic ft per second, in Inland Reservoir

* Diversion from Inland Reservoir, in cubic ft per second

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	22	35	283	1,080	2,290	624	710	13,900	494	540	1,030	38
2	35	35	283	1,110	2,160	624	710	13,900	494	540	1,030	38
3	39	35	235	746	6,060	1,050	576	2,350	359	1,320	481	35
4	433	35	220	659	4,860	869	540	1,760	319	860	341	35
5	355	34	215	584	3,260	1,460	506	1,370	288	519	274	34
6	183	34	215	537	2,410	8,260	686	1,000	255	387	229	33
7	118	32	220	501	1,940	5,230	1,750	800	215	779	194	31
8	93	39	230	463	1,420	3,280	1,240	650	191	881	172	30
9	73	81	230	427	1,380	2,340	901	550	179	634	156	30
10	64	168	235	399	1,220	1,920	748	480	168	449	155	29
11	55	435	215	438	1,100	1,660	674	430	161	342	138	29
12	51	359	199	1,860	1,010	2,710	603	390	150	273	122	29
13	47	260	175	1,820	917	6,150	537	351	127	226	108	29
14	45	225	158	1,500	820	3,530	498	363	111	209	100	29
15	43	207	165	1,210	734	2,550	440	351	93	210	105	67
16	41	175	168	1,010	672	2,120	391	319	81	289	99	47
17	41	179	175	885	624	4,710	367	315	78	458	80	30
18	39	602	175	870	593	4,930	346	547	240	563	72	26
19	37	1,210	168	1,600	828	3,120	324	534	235	753	69	22
20	35	939	165	5,340	1,310	4,050	310	363	161	480	78	20
21	37	874	161	3,960	1,070	3,020	301	279	144	1,400	72	19
22	39	946	179	2,810	874	2,050	297	235	637	1,080	66	19
23	39	856	301	2,160	742	1,630	292	203	742	601	95	19
24	37	653	337	1,960	720	1,380	265	183	942	1,150	69	18
25	37	522	507	1,510	727	1,210	265	172	627	492	64	20
26	37	445	881	1,350	688	1,510	283	452	445	440	59	24
27	39	383	771	1,530	624	1,830	279	1,790	581	440	51	27
28	37	333	662	1,450	571	1,360	310	1,590	711	339	48	32
29	35	306	1,000	1,180	-----	1,100	3,820	1,020	643	382	45	35
30	35	297	1,730	1,530	-----	929	18,500	798	525	683	43	38
31	35	-----	1,390	2,820	-----	800	-----	605	-----	1,390	41	-----
TOTAL	2,246	10,734	12,025	45,077	41,824	78,492	37,396	38,390	10,315	19,063	5,300	911
MEAN	72.5	358	388	1,454	1,494	2,532	1,247	1,238	344	512	171	30.6
MAX	433	1,210	1,730	5,340	6,060	8,260	18,500	13,900	942	1,400	1,030	67
MIN	22	32	158	399	571	624	265	172	78	209	41	18
(+)	-65	+2	-15	+159	+112	+104	+8	-36	-47	-13	-70	-67
(*)	69	70	67	67	70	68	73	73	78	79	80	79

CAL YR 1962: TOTAL 386,398 MEAN 1,059 MAX 29,000 MIN 22 + -31.4 * 72

MAY YR 1963: TOTAL 301,773 MEAN 827 MAX 18,500 MIN 18 + +5 * 73

† Change in contents, equivalent in cubic ft per second, in Inland Reservoir

* Diversion from Inland Reservoir, in cubic ft per second

MOBILE RIVER BASIN

565

2-4555 Locust Fork at Trafford, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	43	49	320	342	1,250	1,220	1,400	2,500	135	99	574	108
2	52	53	197	337	1,100	2,780	1,200	2,500	150	710	266	92
3	47	47	146	367	947	7,100	1,150	5,000	135	442	185	79
4	39	49	118	990	843	4,100	1,220	4,000	125	363	165	71
5	39	41	108	1,670	779	4,620	1,210	3,000	163	280	203	64
6	37	44	98	1,700	1,010	3,610	8,180	2,000	246	179	284	54
7	33	49	90	2,710	1,070	2,950	8,860	1,400	581	119	207	39
8	31	47	90	2,230	902	2,890	13,800	1,100	404	97	149	45
9	30	46	92	6,320	776	2,600	5,820	900	208	88	115	46
10	29	42	91	5,670	716	3,220	3,450	800	148	82	101	43
11	29	38	328	3,200	676	2,980	2,620	700	132	465	128	42
12	28	35	2,250	2,360	618	2,410	2,870	630	113	971	114	41
13	28	32	1,860	1,860	613	1,990	14,100	560	108	1,900	110	38
14	27	30	1,520	1,470	1,230	2,860	17,900	500	227	1,180	92	36
15	27	29	1,420	1,220	1,440	18,500	7,280	450	144	710	74	34
16	26	29	1,050	1,070	2,860	14,800	4,180	400	106	2,060	209	33
17	24	29	787	966	2,310	4,020	3,700	350	84	1,160	1,520	32
18	23	30	640	878	2,590	4,000	2,000	310	75	697	807	33
19	22	31	542	768	3,050	3,000	1,700	280	71	454	452	36
20	23	31	457	723	2,350	2,400	1,400	260	68	495	301	35
21	24	31	399	712	1,880	2,000	1,200	240	67	3,610	228	37
22	24	31	361	651	1,590	1,700	1,100	220	70	1,410	191	36
23	23	37	396	592	1,390	1,500	1,000	210	70	874	184	34
24	24	38	456	989	1,220	1,300	1,300	350	126	585	644	33
25	27	45	456	9,090	1,230	1,250	3,450	250	296	427	525	30
26	76	54	404	5,630	1,620	4,000	3,390	210	223	329	413	29
27	74	55	399	3,220	1,460	8,000	4,830	190	164	263	268	28
28	69	60	383	2,310	1,340	6,000	4,990	170	117	220	212	28
29	62	243	349	1,790	1,350	3,000	5,360	155	95	190	179	61
30	56	612	317	1,500	-----	2,100	3,500	145	90	165	150	540
31	46	-----	300	1,340	-----	1,600	-----	140	-----	206	125	-----
TOTAL	1,139	1,987	16,414	64,675	40,210	126,500	133,160	29,720	4,741	20,830	9,175	1,857
MEAN	36.7	66.2	529	2,086	1,387	4,081	4,439	959	158	672	296	61.9
MAX	76	612	2,250	9,090	3,050	18,500	17,900	5,000	581	3,610	1,520	540
MIN	22	29	90	337	613	1,220	1,000	140	67	82	74	28
(+)	-72	-62	0	+181	+111	+75	+3	-45	-54	-3	-57	-64
(*)	76	74	74	75	76	76	82	86	102	92	91	93

CAL YR 1963: TOTAL 296,308 MEAN 812 MAX 18,500 MIN 18

† 1 0

* 74 3

WAT YR 1964: TOTAL 450,408

MEAN 1,231

MAX 18,500

MIN 22

† 1 0

* 83 1

† Change in contents, equivalent in cubic ft per second, in Inland Reservoir

* Diversion from Inland Reservoir, in cubic ft per second

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	546	140	783	767	621	1,120	2,940	356	68	132	48	68
2	242	132	675	721	838	1,420	2,530	186	66	118	36	65
3	175	125	614	814	1,040	2,960	2,210	277	63	105	28	82
4	141	125	1,540	899	865	3,000	2,150	246	63	112	25	57
5	199	125	2,990	747	777	3,090	4,410	211	62	180	38	43
6	235	125	2,010	659	747	2,730	7,780	191	65	317	35	37
7	197	122	1,500	627	994	2,320	4,540	174	404	307	28	34
8	152	125	1,160	589	1,600	1,990	3,390	158	739	236	41	39
9	117	132	957	550	4,260	1,750	2,640	147	342	254	35	30
10	97	129	800	953	4,950	1,530	2,120	133	232	212	104	26
11	82	129	950	2,130	6,670	1,330	1,800	123	205	212	85	30
12	74	122	4,540	1,610	10,800	1,800	2,190	121	216	226	54	441
13	71	118	3,970	1,310	7,300	3,260	3,850	121	600	194	35	355
14	69	115	2,760	1,120	4,250	2,640	2,420	119	2,000	143	33	209
15	152	112	2,010	964	3,050	2,190	1,830	100	1,000	205	23	159
16	1,430	108	1,580	902	2,380	1,900	2,090	87	700	230	19	107
17	1,260	105	1,340	848	2,370	1,760	1,780	80	451	191	17	101
18	704	108	1,720	724	2,600	2,220	1,460	75	361	125	24	86
19	441	143	1,760	653	2,260	2,000	1,310	73	310	81	26	141
20	320	361	1,760	605	1,940	1,630	1,380	73	272	62	101	116
21	258	557	2,010	560	1,690	1,380	1,140	73	236	48	82	67
22	226	355	1,740	525	1,470	1,200	887	73	212	39	76	65
23	205	278	1,530	691	1,280	1,090	774	73	188	39	38	48
24	188	265	1,370	1,500	1,180	1,500	688	73	191	37	119	121
25	174	2,330	1,570	1,360	1,580	3,780	600	73	202	39	200	106
26	162	2,270	1,690	1,130	1,680	10,200	535	73	236	39	154	63
27	155	1,360	1,370	953	1,350	12,100	563	72	212	45	203	55
28	155	1,120	1,170	810	1,200	6,170	733	70	155	93	224	34
29	151	1,180	1,040	737	-----	4,240	543	69	140	92	167	28
30	147	971	933	704	-----	4,010	418	68	129	61	104	43
31	143	-----	841	672	-----	3,520	-----	67	-----	58	66	-----
TOTAL	8,668	13,387	50,683	27,834	71,744	91,830	61,701	3,962	10,120	4,232	2,268	2,856
MEAN	280	446	1,635	898	2,326	2,962	2,057	128	337	137	73.2	95.2
MAX	1,430	2,330	4,540	2,130	10,800	12,100	7,780	356	2,000	317	224	441
MIN	69	105	614	525	621	1,090	418	67	62	37	17	26
(+)	-41	-52	+148	+16	+157	+1	-17	-76	-19	-57	-59	-66
(*)	77	77	76	76	80	77	78	76	73	72	70	68

CAL YR 1964: TOTAL 503,606

MEAN 1,376

MAX 18,500

MIN 28

† 17

* - 6

WAT YR 1965: TOTAL 349,285

MEAN 957

MAX 12,100

MIN 17

† 84

* 75

† Change in contents, equivalent in cubic ft per second, in Inland Reservoir

* Diversion from Inland Reservoir, in cubic ft per second

MOBILE RIVER BASIN

2-4560 Turkey Creek at Morris, Ala

Location --Lat 33°44'25", long 86°48'45", in SW 1/4 sec 12, T 15 S, R 3 W, on right bank 60 ft upstream from bridge on former U S Highway 31, at Morris, 0.8 mile downstream from Cunningham Creek, and 4 miles upstream from mouth.

Drainage area --81.5 sq mi

Records available --January 1944 to September 1965

Gage --Staff gage, read twice daily, and crest-stage gage Datum of gage is 345.18 ft above mean sea level, datum of 1929

Average discharge --21 years, 129 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	1100	* 13,000	21.88	Apr 12, 1962	0300	2,740	9.59	Mar 2, 1964	1800	4,000	11.82
Mar 7, 1961	1800	2,110	8.00	Jan 20, 1963	0030	3,300	10.59	Mar 15, 1964	0800	* 6,770	15.70
Mar 31, 1961	0800	5,250	13.78	Feb 2, 1963	2330	2,480	8.82	Apr 6, 1964	0800	6,480	15.38
Dec 12, 1961	1000	5,530	14.20	Mar 6, 1963	0530	2,510	8.89	Apr 13, 1964	1600	5,280	13.80
Dec 18, 1961	-	* 11,100	20.09	Apr 30, 1963	0600	* 4,480	12.59	May 2, 1964	1200	3,860	11.59
Jan 6, 1962	1200	2,220	8.24	Jan 9, 1964	0800	3,510	10.59	Feb 12, 1965	0800	* 2,630	9.15
Jan 27, 1962	1000	4,680	12.91	Jan 25, 1964	0300	2,400	8.65				
Feb 22, 1962	0200	5,820	14.60								

Annual minimum observed discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 3, 1960	11	-	1964	Oct 29-31, 1963	11	-
1962	Several days	14	-	1965	Sept 14, 1965	13	-
1963	Oct 5, 7, 8, 1962	10	-				

1944-65 Maximum discharge, 14,300 cfs Nov 28, 1948 (gage height, 23.1 ft, from graph based on gage readings), minimum observed, 8.6 cfs Sept 23, 24, 26, 1956

Flood in December 1942 reached a stage of 22.6 ft, from information by local residents

Remarks --Records fair Occasional slight diversions by saw mills above station

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	14	26	57	285	60	311	815	146	35	31	30	79
2	12	20	47	170	67	268	479	130	34	24	29	48
3	12	18	41	127	431	239	392	109	34	24	27	32
4	12	16	36	97	202	195	292	98	34	24	27	26
5	15	16	33	84	127	233	233	85	34	23	25	24
6	53	17	30	72	109	603	199	79	34	23	25	24
7	23	16	27	64	147	1,780	173	72	50	23	57	23
8	122	16	26	58	180	1,220	157	69	36	24	106	22
9	137	24	23	50	172	569	382	88	34	24	43	21
10	51	232	17	45	115	376	274	68	35	22	34	21
11	31	85	78	42	97	280	217	64	33	24	32	21
12	25	59	62	41	81	234	617	62	37	203	30	24
13	20	45	48	40	72	265	412	57	32	157	25	23
14	18	38	44	44	62	259	257	55	30	149	20	30
15	136	34	44	46	52	214	208	54	29	71	25	30
16	78	34	44	38	48	192	179	49	32	140	25	21
17	46	31	37	34	44	174	143	47	32	98	25	21
18	36	28	30	33	105	473	127	48	31	83	24	21
19	30	25	32	58	434	331	115	52	29	85	24	20
20	72	23	46	62	2,410	278	112	46	34	72	25	20
21	44	23	179	57	12,000	423	95	43	36	88	30	20
22	38	23	104	43	7,890	295	89	46	32	73	24	20
23	34	75	82	50	2,340	229	81	98	29	78	23	20
24	30	56	68	46	1,080	188	79	54	33	83	23	19
25	25	59	59	44	1,430	165	75	48	31	59	24	19
26	22	39	52	96	728	147	147	51	100	49	23	19
27	20	35	46	108	356	138	146	50	172	64	24	19
28	20	38	40	95	417	459	307	41	38	57	23	18
29	18	102	39	85	-----	427	184	39	29	42	21	18
30	18	77	49	70	-----	432	154	37	27	34	21	20
31	17	-----	111	65	-----	2,240	-----	36	-----	32	36	-----
TOTAL	1,229	1,330	1,631	2,249	31,376	13,637	7,593	2,017	1,206	1,983	930	743
MEAN	39.6	44.3	52.6	72.5	1,121	440	253	65.1	40.2	64.0	30.0	24.8
MAX	137	232	179	285	12,000	2,240	815	146	172	203	106	79
MIN	12	16	17	33	44	138	75	36	27	22	20	18
CFSM	.49	.54	.65	.89	13.7	5.40	3.11	.49	.49	.78	.37	.30
IN.	.56	.61	.74	1.03	14.3	6.22	3.46	.92	.55	.90	.42	.34

CAL YR 1960: TOTAL 38,160

MEAN 104

MAX 2,420

MIN 12

CFSM 1.28

IN 17.41

WAT YR 1961: TOTAL 65,924

MEAN 161

MAX 12,000

MIN 12

CFSM 2.22

IN 30.08

2-4560 Turkey Creek at Morris, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	20	16	18	233	273	182	388	72	34	24	20	17
2	20	16	18	202	217	168	244	62	36	24	21	16
3	31	18	18	170	190	151	195	63	32	22	23	15
4	22	22	18	149	168	145	166	59	37	47	21	15
5	18	26	21	338	154	132	163	55	32	149	20	27
6	18	19	55	1,390	133	122	337	52	31	37	20	24
7	17	16	49	584	116	116	314	50	31	35	20	17
8	16	15	37	374	122	112	242	48	29	71	20	16
9	16	14	63	270	115	209	209	44	28	33	18	16
10	16	14	429	210	102	527	172	43	28	28	18	16
11	16	14	463	180	89	871	752	43	29	27	18	16
12	16	14	3,790	153	85	397	1,790	41	33	26	17	15
13	16	14	889	132	80	270	550	39	39	24	17	16
14	17	14	420	133	78	213	344	38	29	24	18	120
15	17	14	372	384	91	188	248	37	28	22	18	72
16	16	50	287	300	172	161	240	36	28	27	17	36
17	16	28	2,000	219	115	143	175	35	27	29	16	148
18	16	21	6,000	235	104	126	157	35	27	25	16	36
19	15	21	737	1,110	108	118	141	34	26	23	16	21
20	14	19	422	487	92	112	126	34	38	22	16	17
21	15	18	294	330	735	135	115	33	26	22	17	16
22	16	18	229	288	3,610	137	105	32	25	22	21	16
23	15	73	217	970	863	124	99	31	24	21	21	16
24	15	57	168	620	528	116	98	31	24	21	17	16
25	15	33	143	424	370	167	132	31	26	23	18	16
26	15	28	130	413	297	168	106	31	34	23	17	18
27	15	26	154	3,500	248	145	92	29	26	22	17	17
28	17	24	172	2,340	215	130	88	28	26	21	17	17
29	17	21	145	704	-----	116	92	28	25	21	17	17
30	18	20	129	-----	-----	125	81	32	24	21	16	16
31	17	-----	135	354	-----	724	-----	38	-----	20	16	-----
TOTAL	528	703	18,022	17,691	9,470	6,550	7,961	1,271	882	956	564	841
MEAN	17.0	23.4	211.4	211.4	133.9	131.1	261.1	41.0	29.4	32.8	18.2	26.0
MAX	31	73	6,000	3,500	3,610	871	1,790	72	39	149	23	148
MIN	14	14	18	132	78	112	81	28	24	20	16	15
CFSM	.21	.29	7.13	7.00	4.15	2.59	3.26	.50	.36	.38	.22	.34
IN.	.24	.32	8.22	8.07	4.32	2.99	3.63	.58	.40	.44	.26	.38

CAL YR 1961: TOTAL 80,987 MEAN 222 MAX 12,000 MIN 14 CFSM 2.72 IN 36.96
 MAY YR 1962: TOTAL 65,439 MEAN 179 MAX 6,000 MIN 14 CFSM 2.20 IN 29.86

Note --No gage-height record Dec 17, 18

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	17	12	24	47	202	144	67	356	31	43	57	21
2	17	11	24	42	362	158	64	220	30	49	46	22
3	28	11	24	37	1,140	135	63	163	28	68	40	18
4	14	11	22	34	372	122	61	136	28	50	34	18
5	11	11	23	33	254	270	59	116	27	36	32	18
6	12	11	26	30	201	1,180	143	117	27	34	30	18
7	10	11	25	30	168	400	142	98	25	32	29	18
8	11	16	30	28	142	270	112	84	24	37	29	18
9	12	58	26	27	124	214	92	76	23	40	26	18
10	12	44	25	26	114	178	81	70	23	32	25	19
11	12	26	24	111	109	161	73	67	23	29	23	21
12	12	25	23	371	102	260	67	64	23	27	22	18
13	12	24	24	181	90	248	63	61	23	26	27	18
14	12	21	24	143	84	192	60	52	22	29	38	18
15	12	20	24	266	77	160	57	43	22	29	26	19
16	12	18	24	90	72	148	56	44	22	76	23	19
17	12	34	22	71	66	147	55	45	24	38	22	53
18	12	143	22	101	76	125	54	64	24	33	21	46
19	12	57	21	643	220	117	52	52	24	29	20	13
20	12	51	20	1,090	152	118	52	48	25	29	20	13
21	12	85	21	347	131	103	50	47	28	46	22	13
22	12	80	22	209	108	92	50	45	54	30	20	13
23	12	48	22	188	101	86	47	42	98	28	20	12
24	12	39	26	143	113	82	45	43	63	84	20	12
25	12	35	52	114	98	81	52	43	44	63	20	12
26	12	33	41	121	92	84	52	105	58	54	20	13
27	13	28	36	145	83	87	46	54	62	52	20	15
28	13	27	32	314	80	82	54	46	52	40	21	17
29	13	27	108	120	-----	77	364	52	50	38	22	14
30	13	26	95	268	-----	72	2,030	40	49	63	22	13
31	12	-----	64	302	-----	67	-----	34	-----	51	20	-----
TOTAL	400	1,043	996	5,672	4,933	5,660	4,263	2,527	1,056	1,315	817	560
MEAN	12.9	34.8	32.1	183	176	183	142	81.5	35.2	42.4	26.4	18.7
MAX	28	143	108	1,090	1,140	1,180	2,030	356	98	84	57	53
MIN	10	11	20	26	67	45	34	22	26	20	12	12
CFSM	.16	.43	.39	2.25	2.16	2.24	1.74	1.00	.43	.52	.32	.23
IN.	.18	.48	.45	2.59	2.25	2.58	1.95	1.15	.48	.60	.37	.26

CAL YR 1962: TOTAL 48,625 MEAN 133 MAX 3,610 MIN 10 CFSM 1.63 IN 22.19
 MAY YR 1963: TOTAL 29,242 MEAN 80.1 MAX 2,030 MIN 10 CFSM .98 IN 13.34

2-4560 Turkey Creek at Morris, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12	14	21	47	122	124	151	210	62	42	48	25
2	13	21	22	40	104	1,500	139	1,480	63	106	41	25
3	13	15	25	94	94	900	134	845	59	75	40	25
4	13	14	20	177	86	1,000	131	380	57	80	45	25
5	13	15	18	159	82	600	170	290	54	64	45	26
6	12	19	16	188	143	392	3,740	217	234	51	38	24
7	12	16	16	212	109	439	884	187	82	45	38	23
8	12	15	21	151	94	506	540	163	61	44	38	23
9	12	15	18	1,380	88	364	385	150	55	45	36	25
10	12	13	16	424	84	452	294	139	48	173	35	21
11	12	13	358	237	77	327	240	131	45	85	67	20
12	12	13	324	188	72	255	439	119	43	787	59	20
13	13	14	168	148	85	204	3,140	117	47	341	38	20
14	14	15	277	120	143	797	1,190	108	40	138	36	20
15	12	15	145	104	389	4,480	537	102	38	98	34	20
16	12	15	104	94	390	875	412	96	38	664	50	19
17	12	14	77	89	273	453	315	91	36	165	46	19
18	12	14	67	77	692	325	238	87	35	131	38	19
19	12	14	56	74	422	260	206	84	34	101	38	20
20	12	14	50	85	262	232	177	80	33	87	36	19
21	12	15	45	73	199	196	159	76	33	83	34	19
22	12	20	41	68	172	168	146	75	34	88	33	17
23	12	31	45	64	141	152	131	73	128	74	32	17
24	12	18	58	116	127	141	146	75	82	64	34	19
25	12	15	54	1,300	186	173	190	73	48	57	30	18
26	12	14	52	433	195	684	336	69	46	53	30	19
27	12	14	48	273	170	352	954	67	47	50	29	19
28	12	16	43	199	164	264	809	64	42	46	28	19
29	12	17	38	161	137	194	478	64	42	46	26	26
30	11	27	37	140	174	174	292	62	41	45	26	42
31	11	-----	36	132	-----	162	-----	63	-----	44	26	-----
TOTAL	377	545	2,316	7,007	5,302	17,145	17,108	5,837	1,707	3,972	1,174	653
MEAN	12.2	18.2	77.5	226	163	538	538	188	56.2	124	31.7	21.8
MAX	14	77	358	1,380	692	4,480	3,740	1,480	234	787	67	62
MIN	11	13	16	40	72	124	131	62	33	42	26	17
CFSM	.15	.22	.92	2.77	2.24	6.79	7.00	2.31	.70	1.57	.46	.27
IN.	.17	.25	1.06	3.20	2.42	7.82	7.81	2.66	.78	1.81	.54	.30

CAL YR 1963: TOTAL 30,041

MEAN 82.3

MAX 2,030

MIN 11

CFSM 1.01

IN 13.71

WAT YR 1964: TOTAL 63,140

MEAN 173

MAX 4,480

MIN 11

CFSM 2.12

IN 28.81

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	28	20	32	61	83	136	188	51	29	33	34	20
2	26	20	31	59	114	206	163	49	28	32	33	24
3	26	19	40	75	95	208	159	48	27	31	29	41
4	27	19	656	60	90	200	150	46	25	47	33	25
5	36	19	174	58	87	189	138	45	27	137	32	27
6	28	21	104	58	92	172	128	42	117	124	30	21
7	26	20	86	58	152	153	124	41	231	65	29	21
8	24	19	94	56	145	141	116	41	115	50	43	17
9	23	19	75	53	145	134	108	40	67	53	31	16
10	22	19	54	151	843	130	100	38	53	45	27	17
11	21	17	310	100	900	128	95	42	70	73	25	17
12	21	17	544	90	1,380	460	112	40	75	50	23	49
13	21	17	232	81	507	327	99	38	60	45	23	19
14	23	17	157	73	310	236	84	37	61	41	28	13
15	63	17	134	67	230	212	88	35	123	58	21	20
16	66	17	111	70	198	175	108	34	276	56	25	62
17	35	17	99	59	302	181	94	33	135	47	23	28
18	28	17	164	56	278	205	88	33	92	41	20	21
19	26	20	137	54	224	186	86	33	74	37	20	25
20	25	30	279	54	186	153	82	37	59	33	20	21
21	23	22	230	52	166	142	74	42	50	45	18	20
22	23	19	163	49	145	129	69	46	34	17	22	22
23	22	18	143	333	134	125	65	33	43	33	19	23
24	22	21	125	267	136	156	62	32	60	30	36	29
25	21	133	119	175	172	183	58	32	51	94	27	22
26	21	50	104	149	145	782	62	32	41	203	21	20
27	22	36	90	136	136	397	92	45	38	215	21	19
28	22	56	83	110	129	250	63	37	37	79	25	18
29	22	50	75	102	-----	212	57	33	35	58	23	17
30	21	38	70	95	-----	296	52	30	33	44	20	22
31	20	-----	67	83	-----	242	-----	29	-----	37	18	-----
TOTAL	834	824	4,782	2,944	7,524	6,846	2,964	1,189	2,178	1,970	794	716
MEAN	26.9	27.5	154	95.0	269	221	98.8	38.4	72.6	63.5	25.6	23.9
MAX	66	133	656	333	1,380	782	188	51	276	215	43	62
MIN	20	17	31	49	83	125	52	29	25	30	17	13
CFSM	.33	.34	1.89	1.17	3.30	2.71	1.31	.47	.89	.18	.31	.29
IN.	.38	.38	2.18	1.34	3.43	3.12	1.35	.54	.99	.90	.36	.33

CAL YR 1964: TOTAL 66,342

MEAN 181

MAX 4,480

MIN 17

CFSM 2.22

IN 30.27

WAT YR 1965: TOTAL 33,565

MEAN 92.0

MAX 1,380

MIN 17

CFSM 1.13

IN 19.32

2-4565 Locust Fork at Sayre, Ala

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 1 5 miles downstream from Camp Creek

Drainage area --887 sq mi

Records available --July 1928 to March 1932 (published as "near Warrior") October 1941 to September 1965 MONTHLY discharge only for July 1928 and low-water periods October 1941 to September 1945, published in WSP 1304

Gage --Digital and graphic water-stage recorders Datum of gage is 258.64 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) July 1928 to March 1932, chain gage at site 9 miles upstream, at different datum May 11, 1942, to Jan 16, 1943, staff gage, and Jan 17, 1943, to June 30, 1949, wire-weight gage, July 1, 1949, to Sept 22, 1965, graphic water-stage recorder, at present site and datum

Average discharge --27 years (1928-31, 1941-65), 1,380 cfs

Extremes -- Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (17,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	1230	* 54,700	48.60	May 1, 1963	1450	* 20,100	26.98	Apr 14, 1964	1900	23,200	29.23
Dec 19, 1961	-	* 32,600	35.73	Mar 16, 1964	1100	* 23,600	29.51	Mar 27, 1965	1700	* 16,000	23.45
Jan 28, 1962	2200	26,500	31.58								
Apr 13, 1962	1630	51,000	34.70								

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 29, 1961	68	2.60	1964	Oct 20, 1963	30	-
1962	Sept 10, 1962	37	-	1965	Sept 10, 1965	50	-
1963	Sept 25, 26, 1963	30	-				

1928-32, 1942-65 Maximum discharge, 55,300 cfs Jan 7, 1949 (gage height, 47.9 ft), maximum gage height, 48.60 ft Feb 23, 1961, minimum discharge, 17 cfs Sept 28, Oct 2, 1931

Remarks --Records good Diversion above station subsequent to 1938 from Inland Reservoir (usable capacity, 60,000 acre-ft) on Blackburn Fork for industrial water supply for city of Birmingham

Revisions (water years) --WSP 1142 1943(M) WSP 1304 1929(M) WSP 1384 Drainage area WSP 1434 1943

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	82	185	940	2,330	870	4,630	12,000	1,240	480	505	275	984
2	84	182	780	2,600	825	3,680	4,910	1,260	396	404	242	1,360
3	95	170	649	1,990	1,410	2,940	4,570	1,120	347	330	213	1,260
4	84	173	550	1,570	2,170	2,460	3,480	940	312	278	188	1,080
5	87	143	497	1,320	1,730	2,160	2,700	825	281	239	173	785
6	159	135	455	1,160	1,440	2,560	2,200	726	288	213	158	577
7	216	129	423	1,040	1,460	12,000	1,850	662	278	201	158	415
8	179	120	392	930	2,070	15,500	1,600	600	278	194	641	309
9	707	120	377	835	2,300	16,100	1,920	1,870	271	256	955	292
10	640	180	340	745	1,980	8,110	2,910	1,500	252	396	805	232
11	419	400	377	685	1,700	4,590	2,590	985	252	377	572	188
12	312	384	572	640	1,480	3,460	3,610	855	343	564	415	161
13	275	333	662	604	1,320	2,950	5,210	698	1,120	1,920	319	152
14	219	298	631	600	1,180	3,190	3,970	604	644	2,440	262	155
15	252	271	564	640	1,080	2,740	3,040	518	427	1,970	223	179
16	451	245	554	726	975	2,210	2,500	559	288	1,800	198	158
17	322	235	528	708	896	1,880	2,000	672	255	2,720	176	140
18	242	213	476	649	981	2,710	1,670	523	239	3,200	188	126
19	216	213	431	640	1,840	3,720	1,440	471	213	1,820	173	126
20	472	210	483	845	8,340	3,040	1,270	471	229	1,530	161	120
21	875	191	1,410	1,080	31,200	3,130	1,130	471	255	1,260	146	112
22	690	185	2,060	980	49,200	3,450	995	404	252	1,010	146	101
23	505	234	1,530	875	54,000	2,900	910	384	252	825	138	98
24	377	377	1,220	800	45,100	2,340	830	1,110	288	721	138	95
25	302	497	1,040	735	29,800	1,960	790	1,150	816	925	138	92
26	252	480	920	790	15,200	1,680	840	1,540	745	1,080	135	90
27	219	427	820	1,180	8,130	1,500	1,840	2,460	1,390	703	135	84
28	201	404	726	1,360	5,600	2,420	2,700	1,340	1,460	546	135	79
29	179	810	672	1,190	-----	3,620	2,020	940	1,020	443	152	73
30	176	1,090	649	1,040	-----	3,070	1,490	730	694	354	161	76
31	176	-----	778	940	-----	12,000	-----	590	-----	312	132	-----
TOTAL	9,465	9,034	22,506	32,227	274,277	138,700	80,985	28,218	14,365	29,536	8,051	9,699
MEAN	305	301	726	1,040	8,796	4,474	2,700	910	479	953	260	323
MAX	875	1,090	2,060	2,600	54,000	16,100	12,000	2,460	1,460	3,200	955	1,360
MIN	82	120	340	600	825	1,500	790	384	213	194	132	73
CFSM	.34	.34	.82	1.17	11.0	5.04	3.04	1.03	.54	1.07	.29	.36
IN.	.40	.38	.94	1.35	11.5	5.82	3.40	1.18	.60	1.24	.34	.41

CAL YR 1960: TOTAL 394,638 MEAN 1,078 MAX 19,000 MIN 42 CFSM 1.22 IN 16.55
WAT YR 1961: TOTAL 657,063 MEAN 1,800 MAX 54,000 MIN 73 CFSM 2.03 IN 27.55

MOBILE RIVER BASIN

2-4565 Locust Fork at Sayre, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	82	50	173	2,420	3,900	2,600	7,560	694	204	176	223	71
2	84	45	145	2,780	3,130	2,400	4,480	631	188	170	155	65
3	95	63	146	2,430	2,610	2,200	2,960	954	188	135	146	52
4	123	68	140	2,110	2,240	1,900	2,290	501	161	211	167	47
5	155	68	138	2,160	1,990	1,700	2,000	467	188	410	138	47
6	170	84	167	6,560	1,770	1,500	2,780	423	342	443	198	55
7	170	84	239	9,710	1,950	1,300	3,090	388	439	293	238	55
8	146	68	298	6,510	1,440	1,200	2,800	366	278	228	195	52
9	123	65	319	4,380	1,400	1,200	2,480	336	229	322	117	47
10	109	65	1,560	3,300	1,340	2,500	2,080	309	330	216	398	42
11	95	63	2,700	2,690	1,200	5,000	4,680	295	255	173	292	47
12	92	71	10,000	2,290	1,080	6,600	22,300	271	219	140	191	47
13	82	71	25,000	2,040	995	5,800	30,500	262	251	126	158	63
14	84	79	23,000	1,830	950	4,500	21,400	232	333	115	158	166
15	73	84	8,000	1,770	905	3,500	6,200	219	239	103	101	268
16	65	112	6,000	3,160	1,040	2,500	3,720	204	194	120	92	194
17	63	170	9,000	2,790	1,060	2,000	2,860	194	164	223	87	170
18	60	198	25,000	2,360	950	1,700	2,350	170	152	158	87	295
19	58	182	31,000	5,230	910	1,500	2,030	185	135	126	82	226
20	58	149	10,000	6,570	965	1,400	1,750	185	170	117	73	188
21	58	140	6,000	4,660	1,160	1,700	1,500	158	281	106	73	149
22	52	115	3,750	3,560	2,500	1,550	1,320	140	198	95	95	115
23	52	201	3,060	5,960	5,200	1,340	1,180	155	167	82	109	90
24	50	412	2,580	6,780	5,800	1,160	1,120	161	161	76	191	73
25	50	476	2,170	5,140	4,500	1,240	1,120	140	218	82	161	65
26	47	358	1,830	5,030	4,000	1,800	1,090	129	301	98	126	58
27	47	302	1,780	15,900	3,500	2,060	930	126	223	191	129	55
28	47	252	2,430	25,300	3,000	1,770	870	115	161	275	101	52
29	47	219	2,550	22,300	-----	1,480	825	106	132	126	82	46
30	47	194	2,120	10,200	-----	1,300	760	129	103	188	76	45
31	47	-----	1,930	5,200	-----	2,740	-----	143	-----	369	73	-----
TOTAL	2,531	4,508	183,244	183,520	61,085	71,140	141,625	8,388	6,604	5,765	4,472	2,948
MEAN	81.6	150	5,925	5,925	2,295	2,295	4,731	220	220	164	96.3	96.3
MAX	170	476	31,000	25,300	9,800	6,600	30,000	473	439	443	398	295
MIN	47	45	138	1,830	905	1,160	760	106	103	76	73	42
CFSM	.09	.17	6.66	6.67	2.46	2.59	5.32	.31	.25	.21	.16	.11
IN.	.11	.19	7.68	7.69	2.56	2.98	5.94	.35	.28	.24	.19	.12

CAL YR 1961. TOTAL 806,341 MEAN 2,209 MAX 56,000 MIN 45 CFSM 2.49 IN 33.81
 MAY YR 1962. TOTAL 675,830 MEAN 1,852 MAX 31,000 MIN 42 CFSM 2.09 IN 28.34

Note --No gage-height record Dec 12-21

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	42	45	330	1,260	3,340	830	930	19,500	690	577	1,650	58
2	42	45	309	1,030	2,910	1,300	830	10,300	559	626	985	55
3	47	42	281	880	7,790	1,470	755	3,510	463	867	676	47
4	103	42	265	760	7,630	1,260	690	2,410	407	1,380	480	47
5	414	42	258	676	4,760	1,740	640	1,850	354	765	373	47
6	340	42	248	613	3,330	9,580	750	1,660	319	528	305	42
7	204	42	248	568	2,560	8,980	1,940	1,420	285	407	252	45
8	140	45	265	523	2,100	4,990	1,920	1,180	262	994	232	42
9	112	71	275	488	1,750	3,330	1,370	1,010	242	855	201	42
10	95	154	275	455	1,530	2,590	1,130	930	210	622	179	40
11	79	228	262	463	1,390	2,170	980	785	188	439	176	40
12	73	431	245	1,530	1,270	2,550	855	690	173	347	152	40
13	68	366	219	2,220	1,170	6,930	750	609	152	285	135	37
14	65	278	207	1,790	1,060	9,350	662	550	138	258	132	37
15	60	248	176	1,450	950	3,470	590	484	123	239	129	37
16	60	239	185	1,220	855	2,690	532	427	117	340	117	47
17	65	229	191	1,060	775	3,330	497	404	117	435	117	73
18	60	361	207	1,020	726	6,680	459	662	112	541	109	82
19	52	1,030	201	1,610	1,060	4,230	427	820	301	736	95	52
20	47	1,120	198	7,060	1,540	4,140	419	559	255	676	90	45
21	47	985	188	5,860	1,490	4,190	415	415	229	660	90	45
22	50	1,000	185	4,060	1,230	2,670	404	330	336	1,640	106	42
23	47	1,000	207	2,990	1,060	2,060	354	2,110	1,000	845	90	40
24	45	830	327	2,550	1,000	1,710	312	258	970	1,120	95	40
25	45	654	423	2,080	995	1,480	305	245	940	1,100	95	37
26	42	546	720	1,780	945	1,460	326	396	649	604	76	35
27	45	463	905	1,860	855	2,100	319	1,970	536	613	76	37
28	45	415	740	1,920	780	1,680	340	1,450	745	523	68	47
29	45	373	870	1,650	-----	1,360	1,390	1,450	830	455	63	52
30	47	340	1,630	1,850	-----	1,170	14,600	1,160	685	626	63	63
31	45	-----	1,610	3,510	-----	1,030	-----	880	-----	1,020	63	-----
TOTAL	2,671	11,706	12,670	56,796	56,851	98,500	35,891	58,859	12,387	21,123	7,470	1,393
MEAN	86.2	396	409	1,832	1,832	3,177	1,156	1,899	413	681	244	46.9
MAX	414	1,120	1,630	7,060	7,790	9,580	14,600	19,500	1,000	1,640	1,650	82
MIN	42	42	176	455	726	830	305	245	112	239	63	35
CFSM	.10	.44	.46	2.07	2.29	3.58	1.35	2.14	.47	.77	.27	.05
IN.	.11	.49	.53	2.38	2.38	4.13	1.50	2.47	.52	.89	.31	.06

CAL YR 1962. TOTAL 512,594 MEAN 1,404 MAX 30,500 MIN 42 CFSM 1.58 IN 21.47
 MAY YR 1963. TOTAL 376,317 MEAN 1,031 MAX 19,500 MIN 35 CFSM 1.18 IN 15.78

2-4565 Locust Fork at Sayre, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	63	75	595	451	1,560	1,570	2,000	3,620	201	143	509	176
2	63	80	347	930	1,380	3,860	1,740	3,540	204	890	505	146
3	68	70	252	940	1,200	10,900	1,560	8,090	188	1,020	336	129
4	73	75	204	913	1,060	7,130	1,430	6,350	194	550	278	120
5	71	62	158	1,890	1,000	6,400	1,460	3,860	213	492	312	117
6	68	64	143	2,000	1,180	5,600	11,900	2,650	311	347	285	106
7	63	65	132	2,830	1,380	4,250	14,300	2,090	682	262	347	98
8	55	73	132	2,960	1,190	4,130	12,800	1,700	644	216	271	84
9	50	68	126	7,510	1,040	3,720	11,300	1,440	435	188	213	68
10	47	65	123	9,350	945	4,250	5,040	1,200	316	167	185	84
11	45	63	470	4,940	880	4,270	3,520	1,140	248	330	219	79
12	45	63	2,740	3,320	800	3,370	3,310	1,040	242	1,240	377	76
13	42	60	2,640	2,440	815	2,690	13,800	940	242	2,640	245	71
14	42	52	2,070	1,910	1,320	3,000	22,500	760	221	1,700	191	63
15	40	45	1,920	1,520	1,860	17,700	16,500	672	309	1,100	173	60
16	40	45	1,460	1,360	3,620	22,900	6,290	600	223	2,740	182	60
17	37	45	1,130	1,230	3,490	13,800	4,100	536	185	1,910	587	58
18	37	45	920	1,130	3,530	5,490	3,110	484	158	1,230	855	63
19	34	42	758	1,020	4,440	3,530	2,500	435	146	885	680	71
20	34	42	649	970	3,400	3,270	2,090	400	138	703	419	73
21	34	47	572	935	2,590	2,900	1,770	362	126	2,830	295	68
22	34	58	523	870	2,150	2,510	1,530	340	120	2,380	245	65
23	37	68	546	780	1,830	2,090	1,360	312	117	1,240	252	65
24	47	65	618	1,560	1,590	1,830	1,380	312	146	910	313	65
25	47	76	631	9,170	1,640	1,780	2,790	340	258	685	716	65
26	120	73	582	10,100	2,100	9,350	4,370	305	377	518	536	65
27	115	84	541	4,900	2,050	14,300	7,400	265	278	415	423	65
28	110	84	528	3,220	1,800	7,090	7,650	245	219	347	298	65
29	100	158	480	2,390	1,700	4,000	7,910	232	176	309	245	83
30	85	434	435	1,940	-----	2,910	6,100	213	149	275	213	152
31	70	-----	419	1,710	-----	2,320	-----	210	-----	245	179	-----
TOTAL	1,816	2,330	22,844	87,189	53,540	182,910	183,750	44,683	7,466	28,097	10,884	2,560
MEAN	58.6	77.7	737	2,813	1,846	5,900	6,125	1,441	249	932	351	85.3
MAX	120	434	2,740	10,100	4,440	22,900	22,500	8,090	682	2,830	855	176
MIN	34	42	123	451	800	1,570	1,360	210	117	143	173	58
CFSM	.07	.09	.83	3.17	2.08	6.65	6.91	1.63	.28	1.05	.40	.10
IN.	.08	.10	.96	3.66	2.24	7.67	7.70	1.87	.31	1.21	.46	.11

CAL YR 1963: TOTAL 376,260

MEAN 1,031

MAX 19,500

MIN 34

CFSM 1.16

IN 15.78

WAT YR 1964: TOTAL 628,879

MEAN 1,718

MAX 22,900

MIN 34

CFSM 1.94

IN 26.37

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	627	185	955	1,000	925	1,460	3,250	613	120	164	140	117
2	512	176	815	945	1,130	1,720	2,660	546	112	158	126	117
3	295	164	740	1,030	1,330	3,340	2,340	480	106	153	112	196
4	245	152	1,900	1,090	1,180	3,390	2,260	439	101	152	98	173
5	262	152	3,420	980	1,060	3,530	3,910	404	101	152	92	129
6	271	149	2,350	870	1,040	3,150	8,330	366	115	300	92	109
7	271	152	1,780	825	1,330	2,700	5,690	340	1,490	510	95	68
8	239	149	1,380	780	1,940	2,310	3,990	319	1,780	380	95	65
9	185	143	1,180	775	5,710	2,040	3,020	302	1,000	309	117	60
10	158	143	1,020	1,220	7,800	1,800	2,410	275	559	391	117	60
11	146	149	1,110	2,320	10,000	1,610	2,030	255	476	532	112	87
12	123	146	4,850	2,050	13,800	2,650	1,880	278	510	336	143	297
13	115	140	5,390	1,610	12,800	4,520	4,700	271	514	310	117	636
14	115	138	3,420	1,400	6,450	3,610	2,880	245	646	270	103	380
15	227	138	2,450	1,230	4,230	2,890	2,100	235	990	250	98	248
16	563	132	1,910	1,140	3,160	2,490	2,170	204	2,020	300	101	219
17	1,570	132	1,620	1,080	3,040	2,280	2,030	188	1,180	330	90	232
18	1,030	135	1,840	975	3,400	2,660	1,570	182	1,770	275	73	182
19	676	146	2,150	875	2,970	2,670	1,380	198	564	213	68	152
20	488	194	2,260	830	2,490	2,160	1,440	207	423	170	71	176
21	388	539	2,560	780	2,130	1,820	1,280	226	326	140	101	155
22	336	568	2,260	730	1,840	1,580	1,060	262	288	158	155	109
23	295	400	1,930	1,790	1,600	1,460	930	258	138	162	117	117
24	275	408	1,710	2,500	1,900	1,600	890	223	245	120	184	126
25	248	1,510	1,740	2,100	1,850	3,940	775	191	292	129	161	149
26	223	2,680	1,910	1,680	2,060	9,420	721	161	265	215	223	164
27	210	1,580	1,650	1,420	1,710	15,300	775	173	262	427	193	115
28	207	1,270	1,420	1,220	1,520	9,780	1,030	194	235	347	316	95
29	207	1,280	1,280	1,100	-----	4,990	870	166	182	255	271	87
30	207	1,160	1,180	1,040	-----	4,870	690	152	167	213	146	116
31	198	-----	1,080	980	-----	4,140	-----	135	-----	161	146	-----
TOTAL	10,912	14,410	61,260	37,945	90,995	111,880	60,021	8,480	16,097	7,559	4,138	4,934
MEAN	352	480	1,976	1,224	3,371	3,609	2,301	274	507	259	133	153
MAX	1,570	2,680	5,390	2,500	13,800	15,300	8,330	613	2,020	532	316	636
MIN	115	132	740	730	925	1,460	690	135	101	120	68	60
CFSM	.40	.54	2.23	1.38	4.03	4.07	2.99	.31	.60	.29	.15	.19
IN.	.46	.60	2.57	1.59	4.19	4.69	2.89	.36	.67	.33	.17	.21

CAL YR 1964: TOTAL 688,471

MEAN 1,881

MAX 22,900

MIN 58

CFSM 2.12

IN 28.87

WAT YR 1965: TOTAL 447,020

MEAN 1,225

MAX 15,300

MIN 60

CFSM 1.38

IN 18.74

2-4605 Village Creek near Adamsville, Ala

Location --Lat 33°36'20", long 87°00'25", in E¹ sec 36, T 16 S, R 5 W, on right bank at downstream side of highway bridge, 0.2 mile upstream from Canoe Creek, 3.5 miles west of Adamsville, and 8 miles upstream from mouth

Drainage area --84.1 sq mi

Records available --October 1953 to September 1968 Annual maximums, water years 1959-64, July 1964 to September 1965

Gage --Water-stage recorder Altitude of gage is 340 ft (by barometer) Prior to September 30, 1958, water-stage recorder, October 1958 to July 1964, crest-stage gage at same site and datum

Average discharge --6 years (1953-58, 1965), 124 cfs

Extremes --Maximum and minimum discharges for water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 22, 1961	13,800	19 04	-	-	-
1962	Dec 18, 1961	9,980	16 45	-	-	-
1963	Jan 19, 1963	4,190	10 70	-	-	-
1964	Apr 6, 1964	7,560	14 42	-	-	-
1965	Feb 12, 1965	2,900	8 55	Oct 22, 1964	18	1 11

1953-65 Maximum discharge, 13,800 cfs Feb 22, 1961 (gage height, 19 04), no flow for many days in most years

A stage of about 21 ft has been reached on several occasions, from information by local residents

Remarks --Records good Considerable regulation by Tennessee Coal and Iron Railroad Co. reservoir (usable capacity, 1.7 billion gallons) about 8 miles upstream Diversion for industrial use in the Birmingham area affect low flows

DISCHARGE, IN CUBIC FEET PER SECOND, JULY TO SEPTEMBER 1964

DAY	JULY	AUG	SEPT	DAY	JULY	AUG	SEPT	DAY	JULY	AUG	SEPT	DAY	JULY	AUG	SEPT
1	-	353	21	9	-	40	12	17	27	130	17	25	52	35	18
2	-	76	22	10	-	38	12	18	42	15	26	37	32	32	20
3	-	40	21	11	-	42	12	19	39	28	11	27	32	65	23
4	-	125	20	12	-	80	10	20	48	25	31	28	25	33	22
5	-	292	22	13	-	36	22	21	224	24	30	29	52	27	211
6	-	68	23	14	-	32	19	22	51	35	28	30	34	23	531
7	-	47	18	15	-	34	18	23	36	33	21	31	61	20	-
8	-	42	15	16	-	98	18	24	33	41	19	-	-	-	-
TOTAL	-	2,036	1,282	
MEAN	-	65.7	42.7	
MAX	-	353	531	
MIN	-	20	10	

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	128	35	56	82	83	154	238	65	37	57	61	46
2	74	30	49	66	164	363	204	65	34	45	59	176
3	50	30	45	140	98	249	188	52	30	57	58	400
4	76	32	1,150	88	83	245	240	58	30	68	58	103
5	308	33	253	78	85	208	212	52	38	110	54	66
6	74	30	148	70	93	194	174	44	78	72	50	55
7	40	32	108	70	218	174	230	44	1,240	43	50	48
8	35	31	102	60	158	163	169	51	295	57	64	47
9	35	30	85	62	174	156	139	52	105	527	123	46
10	35	29	75	233	1,250	141	136	55	105	322	65	44
11	34	29	548	141	1,240	144	122	57	432	790	53	50
12	30	29	659	108	1,970	664	216	43	285	139	46	139
13	32	29	263	100	645	373	146	40	148	70	52	69
14	60	30	184	82	405	264	112	39	115	60	80	51
15	379	30	154	80	278	214	103	41	169	300	41	44
16	192	29	119	80	234	198	130	37	839	150	37	41
17	76	30	100	70	467	213	91	30	200	60	42	37
18	44	33	224	62	382	278	72	37	137	50	40	37
19	31	36	146	67	283	176	122	38	107	40	73	52
20	28	136	343	64	228	167	120	98	86	50	173	45
21	24	50	241	70	202	146	82	176	65	150	55	40
22	20	40	188	68	170	120	82	61	66	50	43	37
23	26	36	160	785	161	119	91	55	60	60	131	56
24	36	74	141	415	178	625	68	42	143	100	173	80
25	40	673	221	234	314	345	72	45	120	200	54	49
26	36	126	153	182	163	661	145	39	67	80	40	37
27	35	66	132	241	142	420	185	45	55	150	74	37
28	40	144	91	222	136	301	95	70	50	100	216	36
29	34	110	93	208	-----	322	66	77	51	80	97	34
30	37	64	85	114	-----	470	64	47	49	71	49	125
31	39	-----	85	108	-----	285	-----	32	-----	67	51	-----
TOTAL	2,126	2,106	6,401	4,450	10,004	8,554	4,114	1,687	5,226	4,175	2,262	2,127
MEAN	68.6	70.2	206	144	357	276	137	54.4	174	135	15.0	70.9
MAX	379	673	1,150	785	1,970	664	240	176	1,240	790	216	400
MIN	20	29	45	60	83	119	64	30	30	40	37	34

CAL YR 1964: TOTAL
WAT YR 1965: TOTAL 53,232

MEAN 146

MAX 1,970

MIN 20

2-4620 Valley Creek near Oak Grove, Ala

Location --Lat 33°26'50", long 87°07'20" in NW 1/4 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

Records available --May to July 1936, August 1953 to September 1958 Annual maximums, water years 1959-64, October 1964 to September 1965

Gage --Water-stage recorder Altitude of gage is 320 ft (by barometer) May 16 to July 12, 1936, chain gage at site 500 ft downstream at same datum August 1953 to September 1958, water-stage recorder, and October 1958 to September 1964, crest-stage gage, at present site and datum

Average discharge --6 years (1953-58, 1964-65), 321 cfs

Extremes --Maximum discharges for water years 1961-65 and minimum discharge for water year 1965 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 21, 1961	23,000	28 86	-	-	-
1962	Dec 18, 1961	12,700	25 12	-	-	-
1963	Jan 19, 1963	7,690	19 09	-	-	-
1964	Apr 6, 1964	10,200	23 09	-	-	-
1965	Feb 11, 1965	7,690	19 12	Oct 11, 1964	73	-

1936, 1953-65 Maximum discharge, 23,000 cfs Feb 21, 1961 (gage height, 28 86 ft), from rating curve extended above 8,000 cfs on the basis of slope-area determination of peak flows 1936, 1953-58, 1965 Minimum daily discharge, 59 cfs June 22, 25, 28-30, July 6, 1936

Remarks --Records fair Low flows consist largely of municipal sewage and industrial waste

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	201	92	206	201	238	468	540	162	88	179	116	134
2	129	96	206	174	326	910	447	139	100	162	134	251
3	100	107	196	270	232	650	402	129	100	185	139	1,230
4	92	111	1,690	184	218	580	429	139	96	201	148	232
5	370	111	548	190	206	488	357	129	96	280	139	157
6	129	116	333	190	212	447	302	125	166	162	134	139
7	111	103	258	184	425	357	530	125	1,280	236	125	143
8	103	100	232	184	293	317	502	111	366	293	139	157
9	100	96	201	179	301	301	357	96	139	470	125	157
10	88	116	196	524	2,480	277	293	107	134	143	139	168
11	73	116	830	301	7,120	258	258	120	1,030	804	139	179
12	77	120	1,260	244	3,870	865	348	116	1,180	152	157	179
13	92	116	650	232	1,220	678	238	116	438	172	162	152
14	92	100	429	232	894	488	218	116	317	139	191	157
15	603	96	333	212	698	420	212	96	301	704	116	157
16	315	103	270	201	580	357	300	81	464	293	103	157
17	190	116	244	184	1,020	377	196	92	212	148	129	152
18	162	120	507	190	918	520	184	100	196	125	134	143
19	139	125	309	184	698	317	254	107	174	116	163	148
20	139	255	801	184	570	264	196	175	152	139	320	111
21	139	120	669	179	498	244	184	148	152	332	125	125
22	139	100	468	179	393	232	168	107	157	152	77	139
23	134	107	402	1,650	375	258	162	130	184	162	90	162
24	111	182	333	1,040	433	1,020	148	77	293	287	214	111
25	96	857	507	688	641	693	143	96	249	513	107	107
26	96	244	333	509	393	956	248	103	168	192	116	92
27	116	184	293	384	341	774	950	107	157	430	252	92
28	111	367	251	317	309	610	325	116	157	247	631	111
29	111	244	244	270	-----	619	232	116	157	157	145	111
30	107	196	225	251	-----	955	196	84	174	143	96	274
31	96	-----	232	238	-----	660	-----	84	-----	134	111	-----
TOTAL MEAN	4,561	4,916	13,656	10,149	25,902	16,360	9,319	3,549	8,877	7,832	4,216	5,627
MAX	603	164	441	327	925	528	311	114	296	253	159	185
MIN	73	92	196	174	206	232	143	77	88	116	77	92
CFSM	1.01	1.13	3.04	2.26	6.38	3.64	2.14	.79	2.04	1.75	1.09	1.29
IN.	1.17	1.26	3.50	2.60	6.64	4.20	2.39	.91	2.28	2.01	1.26	1.44
CAL YR 1964: TOTAL												
WAT YR 1965: TOTAL												
	MEAN			MAX			MIN			CFSM		
	115,684			7,120			73			2.19		
										IN 29.67		

2-4626 Blue Creek near Oakman, Ala

Location --Lat 33°31'17", long 87°29'07" in S $\frac{1}{4}$ sec 33, T 17 S, R 9 W, at right downstream wing wall of culvert on State Highway 69, 1.5 miles southwest of Wiley, 2 miles upstream from McDuff Spring Branch, and 14 miles southwest of Oakman

Drainage area --5.7 sq mi

Records available --May 1959 to September 1965

Gage --Water-stage recorder Altitude of gage is 420 ft (from topographic map)

Average discharge --6 years (1960-65), 9.26 cfs.

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (400 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	2400	* 3,820	7 16	Mar 5, 1963	1630	* 473	3 56	Apr 27, 1964	0030	* 1,660	5 90
Mar 20, 1961	2300	1,040	4 98	Jan 9, 1964	0030	428	3 31	Feb 9, 1965	0100	* 1,200	5 26
Mar 31, 1961	0200	645	4 00	Mar 2, 1964	1200	740	4 30	Feb 11, 1965	2400	473	3 46
Dec 18, 1961	-	* 1,240	5 33	Mar 15, 1964	0400	524	3 63				
Jan 27, 1962	0015	875	4 10	Apr 5, 1964	2400	1,010	4 92				
Feb 22, 1962	0300	868	4 62	Apr 13, 1964	0945	524	3 63				

No flow many days each year

1959-65 Maximum discharge, 3,820 cfs Feb 21, 1961 (gage height, 7.16 ft), no flow on several days each year

Remarks --Records fair above 5 cfs and poor below

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.09	1.7	5.4	29	5.8	16	63	11	.43	.70	.52	.20
2	.07	1.3	4.9	17	6.2	14	35	7.6	.35	.64	.47	.20
3	.05	.94	4.1	11	6.6	12	29	5.6	.31	.58	.35	.31
4	.04	.94	3.7	8.6	4.9	11	20	4.4	.27	.64	.31	.27
5	.28	.94	3.3	7.0	4.9	10	17	3.6	.23	.52	.23	.17
6	1.3	1.3	2.5	5.8	4.9	9.0	13	2.8	.27	.47	.17	.14
7	.51	1.3	1.7	4.9	9.2	50	11	2.2	.35	.43	.48	.11
8	.94	.94	1.7	4.1	9.7	100	10	2.8	.35	.70	.86	.08
9	.94	1.7	1.3	3.3	9.7	45	21	7.6	.31	.86	.78	.06
10	.62	4.9	1.3	2.9	8.6	25	18	2.8	.35	.58	.52	.04
11	.51	3.7	2.5	2.9	7.0	17	40	2.2	.43	.64	.39	.02
12	.51	3.3	2.1	2.9	6.6	13	60	1.9	.78	36	.31	.02
13	.51	2.9	1.3	2.5	5.4	20	40	1.6	.47	44	.17	.02
14	.35	2.9	1.3	2.9	4.9	16	25	1.3	.35	35	.11	.02
15	11	3.3	2.1	2.9	4.4	13	20	1.1	.47	20	.61	.02
16	4.9	4.1	1.7	2.1	3.7	11	17	.95	.47	12	3.2	.01
17	3.3	4.1	1.3	1.7	3.4	10	15	.86	.43	7.6	1.1	.01
18	2.1	3.7	1.3	1.7	16	54	13	.78	.43	4.8	.70	0
19	8.1	3.7	1.3	7.8	60	31	12	.78	.35	3.2	.58	0
20	11	3.7	19	9.7	399	108	11	.70	3.9	2.2	3.1	0
21	6.6	2.9	30	8.6	574	227	10	.64	1.3	1.6	1.3	0
22	4.5	2.9	15	7.0	570	52	9.0	.64	.78	1.3	.78	0
23	3.3	7.5	9.7	6.6	68	28	9.0	1.1	13	1.3	.64	0
24	2.5	6.2	6.1	4.9	46	18	8.0	.78	4.4	.95	.58	0
25	1.7	5.8	6.2	4.5	68	13	8.0	.70	1.9	.95	.52	0
26	1.3	5.4	5.4	11	38	10	8.0	.70	3.2	.78	.47	0
27	1.3	4.9	4.5	12	24	10	65	.70	2.8	.86	.43	0
28	.94	4.9	3.7	11	20	40	28	.58	1.6	.86	.43	0
29	.76	6.1	3.7	9.7	-----	38	15	.58	.95	.70	.31	0
30	.76	6.2	4.1	7.5	-----	124	10	.52	.78	.64	.23	0
31	4.1	-----	22	6.6	-----	245	-----	.47	-----	.58	.23	0
TOTAL	74.88	106.16	176.2	220.1	2,004.9	1,390.0	660.0	69.98	42.01	182.08	20.88	1.70
MEAN	2.42	3.34	5.68	7.10	71.6	44.8	22.0	2.26	1.40	5.87	.67	.057
MAX	11	6.1	30	29	574	245	65	11	13	44	3.2	.31
MIN	.04	.94	1.3	1.7	3.4	9.0	8.0	.47	.23	.43	.11	0
CFSM	.42	.62	1.00	1.25	12.6	7.87	3.86	.40	.25	1.03	.12	.01
IN.	.49	.69	1.15	1.44	13.1	9.07	4.31	.46	.27	1.19	.14	.01

CAL YR 1960: TOTAL 2,803.96
WAT YR 1961: TOTAL 4,948.89

MEAN 7.66
MEAN 13.6

MAX 199
MAX 574

MIN 0
MIN 0

CFSM 1.34
CFSM 2.38

IN 18.29
IN 32.29

2-4626 Blue Creek near Oakman, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	.14	20	17	13	42	.86	.39	0	.52	0
2	0	0	.11	17	13	12	22	.78	.23	0	.20	0
3	0	0	.11	13	11	10	15	.70	.14	0	.17	0
4	0	0	.11	10	9.5	9.5	11	.58	.08	0	.17	0
5	0	0	.20	59	8.6	7.6	21	.58	.04	.22	.31	0
6	0	0	.78	114	6.1	6.6	76	.52	0	.58	.17	0
7	0	0	.78	45	5.6	5.2	40	.47	0	.39	.06	0
8	0	0	.64	25	5.6	5.2	23	.47	0	.35	.70	0
9	0	0	4.6	17	5.2	14	15	.39	0	.17	.39	0
10	0	0	9.0	12	4.4	87	11	.39	0	.06	.17	0
11	0	0	37	10	3.6	119	9.5	.39	.15	.08	.08	0
12	0	0	135	8.8	3.6	56	53	.31	.23	0	.02	0
13	0	0	35	7.6	3.6	28	30	.27	.35	0	0	0
14	0	0	31	49	3.6	19	18	.31	.20	0	0	0
15	0	0	34	57	7.5	14	12	.31	.04	0	0	0
16	0	0	24	34	18	10	9.0	.27	0	0	0	0
17	0	.28	90	20	14	7.6	7.6	.20	0	.20	0	0
18	0	.35	440	18	12	7.1	6.6	.20	0	.39	0	0
19	0	.20	100	60	11	6.1	4.8	.17	.07	0	0	0
20	0	.11	23	33	8.6	5.2	4.0	.11	.35	0	0	0
21	0	.08	15	22	15	15	2.8	.04	.20	0	1.9	0
22	0	.13	12	15	224	9.5	2.5	.01	.06	0	.58	0
23	0	3.0	10	88	72	8.6	2.2	0	0	0	.27	0
24	0	.78	7.1	48	59	7.6	1.9	0	0	0	.20	0
25	0	.58	5.6	28	33	18	1.9	0	0	0	.08	0
26	0	.47	4.8	93	23	17	1.6	0	0	0	.04	0
27	0	.43	14	266	16	17	1.3	0	0	0	.01	0
28	0	.35	15	181	15	11	1.6	0	0	0	0	0
29	0	.23	13	54	-----	-----	1.6	0	0	0	0	0
30	0	.17	10	33	-----	-----	7.6	.95	0	0	0	0
31	0	-----	15	22	-----	113	-----	.39	-----	.18	0	0
TOTAL	0	7.16	1,086.97	1,479.4	628.5	675.0	448.85	8.72	2.53	2.62	6.04	0
MEAN	0	.24	35.1	47.7	22.4	21.8	15.0	.28	.084	.085	.19	0
MAX	0	3.0	440	266	224	119	76	.86	.39	.58	1.9	0
MIN	0	0	.11	7.6	3.6	5.2	.95	0	0	0	0	0
CFSM	0	.04	6.15	8.37	3.94	3.82	2.62	.05	.01	.01	.03	0
IN.	0	.05	7.09	9.65	4.10	4.40	2.93	.06	.02	.02	.04	0

CAL YR 1961: TOTAL 5,685.78 MEAN 15.6

MAX 574

MIN 0

CFSM 2.73

IN 37.10

WAT YR 1962: TOTAL 4,345.79 MEAN 11.9

MAX 440

MIN 0

CFSM 2.09

IN 28.35

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	.02	.45	11	8.3	6.6	12	2.1	.12	.45	0
2	0	0	.02	.37	13	10	5.4	8.0	1.4	.10	.37	0
3	0	0	.02	.30	23	9.0	4.6	5.4	.93	.12	.19	0
4	0	0	.02	.19	15	9.5	4.2	4.2	.93	.05	.10	0
5	0	0	.03	.12	10	112	3.5	3.1	.65	.04	.05	0
6	0	0	.04	.10	7.5	81	5.8	2.8	.54	.03	.04	.06
7	0	0	.04	.08	5.8	34	4.6	2.1	.37	.03	.03	.04
8	0	0	.04	.07	4.6	21	4.2	1.4	.30	.03	.03	.03
9	0	0	.03	.06	3.8	15	3.8	1.1	.19	.03	.02	.02
10	0	0	.03	.06	3.1	12	3.8	.93	.12	.01	.01	.01
11	0	0	.03	.40	2.8	11	3.1	.78	.08	0	.01	0
12	0	0	.03	1.4	2.4	43	3.1	.65	.05	0	.01	0
13	0	0	.03	1.1	2.1	39	2.8	.65	.04	.03	.01	0
14	0	0	.03	.93	1.7	23	2.4	.65	.03	1.2	.02	0
15	0	0	.03	.78	1.1	16	2.1	.45	.02	.65	.01	0
16	0	0	.03	.54	.93	13	2.1	.37	.02	20	0	0
17	0	0	.03	.37	.93	12	1.7	.30	.03	5.0	0	0
18	0	.03	.03	.54	.93	9.0	1.7	.24	.05	2.4	0	0
19	0	.03	.03	11	10	8.5	1.4	.15	.08	1.4	0	0
20	0	.05	.03	9.5	8.0	8.5	1.4	.10	.15	.93	0	0
21	0	.05	.03	5.0	7.1	6.6	1.4	.08	.24	.78	0	0
22	0	.05	.03	3.1	5.4	5.8	1.1	.06	.45	.65	0	0
23	0	.02	.03	3.5	5.4	4.6	.93	.04	3.3	.45	0	0
24	0	.02	.04	2.8	6.6	4.6	.78	.04	1.7	.30	0	0
25	0	.02	.15	2.4	5.4	22	1.1	.25	.78	.37	0	0
26	0	.02	.24	3.1	4.6	87	1.4	4.5	.54	.54	0	0
27	0	.02	.24	4.6	4.2	36	1.1	8.7	.65	.37	0	0
28	0	.02	.24	3.8	4.2	21	1.7	18	.54	.24	0	0
29	0	.02	1.4	3.1	-----	14	5.3	12	.37	.12	.03	0
30	0	.02	1.4	-----	-----	10	27	5.8	.24	1.1	.02	0
31	0	-----	.65	16	-----	8.5	-----	3.8	-----	.78	0	-----
TOTAL	0	0.37	5.04	94.76	170.59	714.9	110.11	98.64	16.89	37.87	1.40	0.16
MEAN	0	.012	.16	3.06	6.09	23.1	3.67	3.18	.56	1.22	.045	.005
MAX	0	.05	1.4	19	23	112	27	18	5.3	20	.45	.06
MIN	0	0	.02	.06	.93	4.6	.78	.04	.02	0	0	0
CFSM	0	.002	.03	.54	1.07	4.05	.64	.56	.10	.21	.008	.0009
IN.	0	.002	.03	.62	1.11	4.66	.72	.64	.11	.25	.009	.001

CAL YR 1962: TOTAL 3,237.97 MEAN 8.92

MAX 266

MIN 0

CFSM 1.57

IN 21.25

WAT YR 1963: TOTAL 1,230.73 MEAN 3.43

MAX 112

MIN 0

CFSM .60

IN 8.16

2-4626 Blue Creek near Oakman, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0	0	.37	1.1	6.2	13	6.2	15	.45	1.4	.04	.10
2	0	0	.37	.93	5.4	196	5.8	38	.37	21	.03	.06
3	0	0	.93	2.8	4.6	62	5.4	38	.24	7.4	.03	.05
4	0	0	1.4	11	4.6	45	5.8	21	.15	2.8	.15	.04
5	0	0	1.4	12	8.4	44	63	14	.12	1.4	.15	.04
6	0	0	1.1	23	10	26	210	10	2.9	.93	.06	.04
7	0	0	.93	26	8.5	34	44	7.5	.93	.65	.56	.04
8	0	0	1.1	28	7.5	36	26	5.8	.65	.65	.37	.03
9	0	0	.93	142	7.1	52	17	4.6	.37	.93	.12	.02
10	0	0	.93	34	6.6	67	13	4.2	.30	.54	.08	.01
11	0	0	19	21	5.8	31	10	3.5	.19	.54	.12	0
12	0	0	14	15	5.4	20	35	3.1	.12	18	.08	0
13	0	0	5.0	10	8.7	15	204	2.8	.10	9.4	.06	0
14	0	0	9.5	8.0	10	75	66	2.1	.05	4.2	.05	0
15	0	0	5.8	6.6	18	209	32	1.7	.05	2.4	.08	0
16	0	0	3.5	6.2	21	48	20	1.4	.03	1.4	2.3	0
17	0	0	2.4	5.4	18	28	15	1.1	.03	.93	1.1	0
18	0	0	1.4	4.6	53	19	12	1.1	.02	.78	.54	0
19	0	0	1.1	4.2	35	16	9.5	.93	.02	.65	.30	0
20	0	0	.78	4.6	22	14	7.5	.78	.01	.54	.12	0
21	0	0	.78	3.5	16	13	6.6	.78	0	.54	1.2	0
22	0	0	.78	3.1	14	10	5.8	.65	0	.54	1.4	0
23	0	0	2.4	2.8	12	10	6.0	.93	1.1	.45	1.4	0
24	0	0	2.1	93	10	9.0	41	1.4	.93	.37	2.4	0
25	0	0	2.1	73	24	10	62	.93	.37	.24	1.1	0
26	0	0	1.7	30	24	12	124	.65	.19	.15	.93	0
27	0	0	1.4	18	20	10	305	.54	.08	.08	1.4	0
28	0	.12	1.1	13	17	9.5	52	.45	.06	.06	.78	0
29	0	1.4	.93	10	13	8.0	30	.45	.05	.05	.54	0
30	0	.65	.78	8.5	-----	7.1	20	.45	2.3	.05	.37	.03
31	0	.93	.60	8.0	-----	6.6	-----	.45	-----	.05	.15	-----
TOTAL	0	2.17	86.94	629.33	415.8	1,155.2	1,459.6	184.29	12.18	79.36	18.01	0.46
MEAN	0	.072	2.80	20.3	14.3	37.3	48.7	5.94	.41	2.56	.58	.015
MAX	0	1.4	19	142	53	209	305	38	2.9	21	2.4	.10
MIN	0	0	.37	.93	4.6	6.6	5.4	.45	0	.05	.03	0
CFSM	0	.01	.49	3.56	2.52	6.54	8.54	1.04	.07	.45	.10	.003
IN.	0	.01	.57	4.11	2.71	7.54	9.52	1.20	.08	.52	.12	.003

CAL YR 1963: TOTAL 1,334.43 MEAN 3.66 MAX 112 MIN 0 CFSM .64 IN 8.71
 WAT YR 1964: TOTAL 4,043.34 MEAN 11.0 MAX 305 MIN 0 CFSM 1.94 IN 28.38

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.01	.04	.93	2.8	4.2	15	18	.93	.03	.02	.19	.12
2	0	.04	.65	2.8	4.6	22	14	.78	.02	.01	.12	.24
3	0	.04	.65	2.8	4.6	22	14	.78	.02	0	.12	.24
4	0	.03	5.8	2.4	3.5	19	10	.65	.01	.01	.06	.15
5	.08	.03	2.8	2.1	3.5	17	8.5	.65	.01	2.6	.05	.12
6	.05	.03	1.7	2.1	4.6	15	7.1	.54	0	1.8	.04	.07
7	.05	.03	1.1	2.1	7.5	12	10	.54	2.0	2.1	.04	.05
8	.10	.03	.93	2.1	14	11	10	.45	.65	1.1	.05	.04
9	.10	.03	.93	2.4	229	10	9.0	.37	.24	.45	.05	.03
10	.08	.02	.78	11	85	8.5	7.5	.37	.19	.30	.04	.03
11	.06	.02	16	10	90	7.5	6.6	.30	2.4	.24	.03	.35
12	.03	.02	20	8.5	149	38	8.0	.24	1.4	.19	.03	14
13	.03	.02	10	7.5	39	30	5.8	.24	.93	.12	.03	1.7
14	.05	.02	6.2	5.8	24	20	5.0	.19	.65	.07	.02	.78
15	.65	.02	4.6	5.4	16	16	8.1	.12	.54	.29	.02	.45
16	.37	.01	3.8	4.6	14	12	12	.10	.54	.30	.01	.37
17	.24	.01	4.1	3.8	21	14	9.5	.08	.45	.19	.01	.30
18	.12	.01	12	3.5	20	12	8.0	.07	.30	.10	.05	.37
19	.10	.05	9.0	3.1	16	10	8.5	.07	.19	.07	.03	.24
20	.06	.06	14	2.8	12	9.5	6.2	.06	.10	.04	.02	.19
21	.05	.05	12	2.1	10	8.5	5.0	.06	.07	.03	.02	.15
22	.04	.05	10	2.4	8.5	7.5	4.6	.06	.05	.02	.01	.10
23	.04	.05	8.5	37	7.5	7.5	3.5	.07	.04	.02	.01	.10
24	.04	1.7	6.6	29	11	17	3.1	.10	.03	16	.02	.10
25	.03	2.6	6.6	16	10	43	2.8	.12	.03	3.8	.01	.07
26	.04	.93	5.0	12	9.0	118	2.4	.07	.03	.78	.01	.07
27	.04	.54	4.2	8.0	9.0	45	2.4	.08	.02	.54	.65	.05
28	.04	4.0	3.8	6.6	8.0	26	1.7	.24	.01	.78	2.6	.05
29	.05	1.7	3.5	5.8	-----	46	1.4	.12	.01	.93	.37	.05
30	.04	1.1	3.1	5.4	-----	51	1.1	.05	.01	.37	.15	.12
31	.04	-----	2.8	3.8	-----	27	-----	.04	-----	.24	.10	-----
TOTAL	2.63	13.28	182.07	215.7	833.4	715.0	211.8	8.54	10.97	33.51	4.94	20.70
MEAN	.085	.44	5.87	6.96	29.8	23.1	7.06	.28	.37	1.08	.16	.69
MAX	.65	4.0	20	37	229	118	18	.93	2.4	16	2.6	14
MIN	0	.01	.65	2.1	3.5	7.5	1.1	.04	0	0	.01	.03
CFSM	.01	.08	1.03	1.22	5.22	4.05	1.24	.05	.06	.19	.03	.12
IN.	.02	.09	1.19	1.41	5.44	4.67	1.38	.06	.07	.22	.03	.14

CAL YR 1964: TOTAL 4,152.21 MEAN 11.3 MAX 305 MIN 0 CFSM 1.99 IN 27.09
 WAT YR 1965: TOTAL 2,252.54 MEAN 6.17 MAX 229 MIN 0 CFSM 1.08 IN 14.70

2-4628 Davis Creek below Abernant, Ala

Location --Lat 33°18'30", long 87°13'10", in SE 1/4 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 2.8 miles downstream from Rockcastle Creek

Drainage area --45.2 sq mi

Records available --August 1956 to September 1965

Gage --Digital and graphic water-stage recorders. Altitude of gage is 410 ft (from topographic map). Prior to Oct 5, 1964, graphic water-stage recorder at same site and datum

Average discharge --9 years, 75.1 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	1900	* 5,800	18 30	Feb 22, 1962	1400	2,400	10 30	Mar 2, 1964	-	2,250	9 88
Mar 31, 1961	1050	2,520	10 66					Mar 15, 1964	1200	3,310	12 64
				Jan 20, 1963	0030	2,460	10 47	Apr 6, 1964	1330	* 5,490	13 10
Dec 12, 1961	0630	* 3,360	12 78	Mar 6, 1963	0330	2,040	9 27				
Dec 18, 1961	0600	* 3,850	14 00	Apr 30, 1963	-	* 2,690	11 10	Feb 12, 1965	0730	* 1,560	7 88

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 29-30, 1961	0 60	0 43	1964	Oct 23-31, 1963	0 20	-
1962	Sept 4, 1962	30	42	1965	Sept 27, 1965	40	-
1963	Oct 16, 1962	40	42				

1956-65 Maximum discharge, 5,800 cfs Feb 21, 1961 (gage height, 18.30 ft), no flow Sept 7, 1957

Remarks --Records good above 10 cfs and fair below. Flow occasionally regulated by storage and release from small lake upstream from station

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.6	4.5	23	176	39	186	594	77	3.8	4.0	3.2	5.0
2	3.0	3.0	16	97	37	139	319	71	3.3	4.0	2.8	5.6
3	2.8	2.4	14	66	51	95	261	99	3.0	3.3	3.0	4.7
4	2.4	2.0	12	49	42	84	213	41	2.8	2.8	4.0	3.5
5	3.8	1.9	10	43	39	77	155	34	2.8	2.1	37	2.8
6	35	1.7	9.5	37	40	140	106	30	3.0	1.8	7.4	2.4
7	33	1.6	9.2	30	54	1,160	84	27	4.1	2.2	5.2	2.2
8	29	1.6	8.9	26	54	644	70	24	4.8	2.9	6.7	1.9
9	15	2.0	8.3	21	51	352	118	55	3.5	4.7	4.8	1.6
10	6.0	40	7.4	18	47	223	92	31	3.6	4.0	3.6	27
11	4.5	16	32	15	44	163	74	29	4.3	3.2	2.8	28
12	4.0	9.8	28	14	40	130	596	30	3.2	30	3.0	25
13	3.3	7.2	19	14	37	149	319	23	21	135	4.7	6.3
14	2.9	6.0	16	25	33	120	188	15	24	126	3.8	3.5
15	7.6	5.0	21	19	34	93	135	25	25	104	5.8	5.8
16	8.0	4.8	20	14	30	72	108	21	22	67	60	3.0
17	5.4	4.7	14	12	29	65	96	22	5.5	41	59	2.1
18	7.3	4.5	14	11	238	244	78	23	3.0	422	37	1.6
19	12	4.1	12	51	499	184	53	21	2.5	99	6.9	1.4
20	12	3.6	37	80	1,110	136	45	12	5.0	54	4.3	1.3
21	11	3.5	230	62	4,660	141	38	6.9	11	33	3.6	1.2
22	9.8	3.5	84	47	4,630	102	34	5.8	6.2	47	3.3	1.2
23	6.0	28	56	43	2,760	82	31	6.2	4.1	29	3.8	1.1
24	3.2	21	44	37	714	67	28	7.4	3.8	19	2.5	1.1
25	2.4	15	35	34	985	67	26	6.7	4.0	12	2.5	1.0
26	2.1	12	30	69	495	80	110	6.9	39	8.9	2.5	.90
27	2.0	10	28	90	315	52	324	6.9	38	6.7	2.8	.90
28	2.0	10	22	76	251	100	191	5.6	11	5.8	2.8	.80
29	1.7	49	21	63	-----	124	111	5.0	6.2	5.2	2.8	.70
30	1.7	34	34	50	-----	237	81	4.8	4.8	4.3	2.2	.60
31	3.5	-----	91	43	-----	1,960	-----	4.3	-----	3.6	2.1	-----
TOTAL	246.0	312.4	1,006.3	1,432	17,358	7,488	4,678	736.5	278.3	1,287.5	330.3	144.20
MEAN	7.94	10.4	32.5	46.2	520	242	156	23.8	9.23	41.2	10.7	4.41
MAX	35	49	230	176	4,660	1,960	596	77	39	422	60	28
MIN	1.7	1.6	7.4	11	29	52	26	4.3	2.5	1.8	2.1	.60
CFSM	.18	.23	.72	1.02	13.7	5.34	3.45	.53	.21	.92	.24	.11
IN.	.20	.26	.83	1.18	14.3	6.16	3.85	.61	.23	1.06	.27	.12

CAL YR 1960: TOTAL 19,808.8 MEAN 54.1 MAX 775 MIN 1.6 CFSM 1.20 IN 16.30
 MAY YR 1961: TOTAL 35,298.10 MEAN 96.7 MAX 4,660 MIN .60 CFSM 2.14 IN 29.04

2-4628 Davis Creek below Abernatt, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	.60	1.7	11	129	128	84	266	38	34	14	5.2
2	.70	1.9	10	106	99	75	149	32	32	5.5	.60
3	8.4	2.5	9.5	84	80	71	104	27	7.0	3.2	4.8
4	7.2	13	9.2	72	69	64	82	23	4.3	2.6	.40
5	6.7	27	12	242	65	56	97	20	4.0	2.6	.70
6	6.0	6.7	37	727	47	49	384	18	3.3	141	2.1
7	5.6	11	45	369	42	45	325	15	3.0	157	1.8
8	5.6	14	34	219	42	42	217	17	2.8	52	1.1
9	5.8	12	43	148	41	101	140	22	2.6	21	1.0
10	5.6	12	386	116	36	201	104	9.5	3.0	10	.80
11	4.5	6.8	716	91	33	364	335	8.6	4.7	7.2	.70
12	2.1	2.9	2,690	79	38	215	1,290	7.2	16	5.6	1.1
13	1.5	2.9	832	68	39	137	478	6.7	6.8	5.0	.70
14	1.3	2.6	671	67	35	100	279	6.2	3.8	4.1	.70
15	1.0	3.8	713	214	34	82	198	5.8	2.9	3.6	.70
16	1.0	24	400	196	200	66	143	12	2.5	11	1.6
17	1.0	14	1,210	139	104	53	120	8.0	2.1	90	.22
18	1.1	6.9	2,940	135	82	46	91	5.4	2.4	24	.90
19	1.2	5.6	600	884	71	43	67	4.3	3.0	11	.17
20	1.2	4.8	350	402	58	40	55	4.0	4.1	6.9	1.3
21	1.0	4.0	206	252	91	55	45	3.8	4.0	5.4	6.9
22	1.1	3.8	129	200	1,840	37	37	5.8	3.0	4.1	.90
23	1.6	188	109	528	707	38	34	4.0	2.5	3.3	.80
24	1.3	74	76	420	347	35	37	5.0	2.2	3.3	.80
25	1.2	37	62	271	226	69	39	3.2	3.8	6.7	.60
26	1.3	23	52	304	169	64	37	2.9	32	6.9	.60
27	1.0	17	59	1,430	132	51	30	3.0	23	8.6	.80
28	1.1	14	66	865	102	45	44	3.2	45	6.7	.70
29	1.2	10	49	398	-----	42	74	3.3	30	6.7	.60
30	1.4	9.8	44	254	-----	39	47	3.1	18	6.2	.60
31	1.5	-----	60	169	-----	336	-----	42	-----	5.6	.60
TOTAL	82.20	556.7	12,630.7	9,578	4,957	2,745	5,348	396.9	307.8	640.8	61.20
MEAN	2.65	18.6	407	309	177	88.5	178	12.8	10.3	20.7	1.97
MAX	8.8	188	2,940	1,430	1,840	364	1,290	45	157	5.8	3.89
MIN	.60	1.7	67	33	35	30	2.9	2.1	2.6	.40	.40
CFSM	.06	.41	9.01	6.84	3.92	1.96	3.94	.28	.23	.46	.09
IN.	.07	.46	10.4	7.88	4.08	2.26	4.40	.33	.25	.53	.05

CAL YR 1961: TOTAL 47,093.00 MEAN 129 MAX 4,640 MIN .60 CFSM 2.85 IN 38.97
 WAT YR 1962: TOTAL 37,421.10 MEAN 103 MAX 2,940 MIN .40 CFSM 2.27 IN 36.97

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	.60	.70	5.4	7.4	210	107	47	600	5.0	20	6.0
2	.70	.60	5.0	6.2	169	124	42	320	4.2	15	5.4
3	3.6	.70	4.8	5.4	502	97	39	190	4.5	12	4.7
4	1.6	.70	4.8	5.0	250	82	35	120	4.0	10	3.8
5	.90	.70	5.2	4.3	158	394	25	80	3.8	8.6	3.2
6	.70	.60	5.4	4.3	112	1,310	48	70	4.0	7.8	3.0
7	.60	.60	5.4	4.3	84	392	44	53	3.5	8.5	2.8
8	.50	2.2	5.6	4.1	65	237	33	37	3.2	8.0	3.2
9	.50	9.2	5.4	3.6	53	168	30	29	2.9	6.4	3.0
10	.60	7.7	5.2	3.6	46	128	27	24	2.5	5.8	2.5
11	.70	4.1	5.0	149	45	112	24	20	2.5	4.7	2.1
12	.60	2.5	4.5	200	44	427	34	18	2.4	4.3	3.2
13	.60	1.6	4.3	104	37	492	32	16	2.1	4.1	5.2
14	.60	1.3	4.5	68	30	265	25	14	2.1	5.2	2.3
15	.50	4.6	4.5	47	25	179	23	13	1.9	6.2	7.2
16	.50	3.0	4.8	35	23	133	22	11	1.7	53	5.0
17	.50	2.5	5.0	29	30	111	20	9.0	1.7	30	4.1
18	.60	11	4.8	62	25	86	19	7.0	4.9	31	3.5
19	.60	9.5	4.8	1,090	228	75	17	6.0	16	20	3.0
20	.60	8.6	4.5	1,410	148	141	19	5.6	17	12	10
21	.50	21	4.5	442	102	93	29	7.0	52	14	4.7
22	.50	17	4.1	257	70	72	22	6.0	32	7.5	1.8
23	.50	9.2	3.3	194	66	67	19	5.0	773	14	1.5
24	.60	7.2	3.5	114	80	55	18	4.4	324	14	1.3
25	.60	6.4	8.0	94	69	51	34	25	132	11	1.3
26	.60	6.0	10	91	61	130	44	50	82	9.2	1.1
27	.60	5.8	17	93	51	79	33	26	68	14	1.1
28	.50	5.6	14	68	49	63	186	20	44	9.2	3.1
29	.60	5.6	11	58	-----	52	666	16	38	6.7	4.3
30	.60	5.4	13	379	-----	50	2,060	11	28	5.8	2.9
31	.70	-----	9.2	354	-----	52	-----	7.0	-----	5.6	2.1
TOTAL	22.40	161.60	196.5	5,386.2	2,832	5,824	3,716	1,820.9	1,662.9	379.0	129.1
MEAN	7.2	5.39	6.34	101	188	184	88.7	58.7	55.4	12.2	4.1
MAX	3.6	21	17	1,410	502	1,310	2,060	600	773	53	23
MIN	.50	.60	3.3	3.6	23	50	17	4.4	1.7	4.1	.80
CFSM	.02	.12	.14	3.84	2.24	4.16	2.74	1.30	1.23	.27	.09
IN.	.02	.13	.16	4.43	2.33	4.79	3.06	1.50	1.37	.31	.11

CAL YR 1962: TOTAL 24,532.00 MEAN 67.2 MAX 1,840 MIN .40 CFSM 1.49 IN 20.18
 WAT YR 1963: TOTAL 22,198.30 MEAN 60.8 MAX 2,060 MIN .50 CFSM 1.35 IN 18.26

Note --No gage-height record Apr 30 to June 6

2-4628 Davis Creek below Abernant, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.0	.30	4.6	11	56	80	52	107	5.5	4.7	3.6	2.5
2	.80	.40	3.6	9.7	44	1,020	42	422	5.5	13	5.0	3.0
3	.70	.30	4.6	11	39	1,180	35	434	4.7	12	3.8	3.0
4	.70	.40	4.2	22	36	540	35	217	29	6.4	19	2.5
5	3.2	.60	6.6	23	47	432	36	128	10	4.6	63	2.0
6	2.8	1.8	4.2	27	69	252	2,720	88	22	12	19	2.2
7	1.5	1.3	3.5	49	58	270	1,070	57	16	14	10	2.0
8	.90	1.3	3.6	36	50	300	409	45	7.9	13	7.4	2.1
9	.50	.80	3.6	710	45	230	223	36	5.8	13	6.4	2.2
10	.40	.90	3.5	232	41	241	165	32	4.7	5.0	5.2	1.4
11	.30	.90	30	123	41	164	123	27	4.7	5.2	6.7	1.3
12	.30	.70	37	87	35	124	289	26	4.4	131	13	1.8
13	.30	.60	24	61	157	89	1,580	25	3.8	89	7.9	1.9
14	.30	.60	47	41	90	249	803	19	3.3	70	5.6	1.6
15	.30	.60	32	31	180	2,680	374	16	3.0	46	4.7	1.3
16	.90	2.8	19	26	253	708	226	14	2.9	18	11	1.4
17	1.9	2.9	15	25	152	321	166	13	2.8	7.2	13	1.7
18	1.1	2.9	13	21	492	123	11	2.7	4.8	18	17	1.8
19	.80	2.8	11	20	289	159	80	10	2.6	4.4	9.7	1.7
20	.60	2.8	9.4	22	172	125	61	38	2.4	4.2	4.8	5.3
21	.40	2.7	9.1	18	118	85	57	35	2.3	5.0	3.4	2.5
22	.30	2.6	8.8	16	92	43	8.8	2.3	5.5	3.6	5.6	.60
23	.20	4.7	13	16	76	57	7.4	2.8	5.2	3.8	1.4	1.4
24	.20	4.7	13	121	68	55	25	7.9	4.1	5.0	36	1.1
25	.20	3.4	12	368	129	54	38	8.8	9.3	6.9	9.4	.90
26	.20	3.0	11	181	147	590	763	6.9	5.2	4.4	6.9	.80
27	.20	2.9	10	116	266	1,310	4.0	3.6	4.6	3.6	5.6	.60
28	.20	3.8	9.7	84	100	176	495	5.5	3.5	3.3	4.6	.60
29	.20	20	9.1	67	77	142	285	6.4	3.3	3.0	3.5	3.6
30	.20	7.6	8.5	58	-----	104	178	5.6	3.5	2.9	3.0	15
31	.20	-----	8.8	62	-----	64	-----	5.5	-----	2.9	2.6	-----
TOTAL MEAN	21.80	81.00	412.4	2,691.7	3,169	11,037	11,834	1,868.6	184.0	525.2	310.9	129.2
MAX	3.2	2.0	15.3	86.8	409	356	94	60.8	12.6	12.6	12.6	4.3
MIN	.20	.30	67	710	492	2,680	2,720	434	29	131	63	17
CFSM	.02	.06	.29	1.92	2.42	7.88	8.73	1.33	.14	.37	.23	.10
IN.	.02	.07	.34	2.21	2.61	9.08	9.74	1.54	.15	.43	.26	.11

CAL YR 1963. TOTAL 22,333.00 MEAN 61.2 MAX 2,060 MIN .20 CFSM 1.35 IN 18.38
 WAT YR 1964. TOTAL 32,272.60 MEAN 88.2 MAX 2,720 MIN .20 CFSM 1.95 IN 26.55

Note --No gage-height record Mar 2-9

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12	3.3	16	27	41	102	101	34	3.1	2.6	6.9	8.2
2	7.9	3.2	14	25	46	202	78	29	2.7	2.4	7.4	2.8
3	7.6	6.3	13	32	32	167	65	25	2.2	2.1	7.4	10
4	8.6	9.9	360	29	24	144	66	22	1.9	2.1	6.4	7.9
5	19	9.4	113	23	28	119	56	19	1.8	2.4	5.5	5.7
6	9.0	9.1	63	23	33	105	52	27	2.5	2.7	4.8	4.8
7	6.7	9.1	22	65	87	430	33	32	3.3	3.3	6.1	4.0
8	5.1	9.0	21	59	76	401	30	25	3.2	3.2	6.1	3.2
9	4.1	8.9	28	20	65	70	200	11	9.4	2.9	4.7	2.6
10	3.5	8.6	24	100	726	61	136	8.8	14	2.9	3.8	2.7
11	3.0	8.3	170	90	634	52	105	8.2	89	3.3	2.7	2.1
12	2.9	8.2	382	69	1,160	141	99	9.1	101	2.9	1.9	2.2
13	2.7	8.2	167	56	421	153	69	7.9	49	3.3	4.7	2.5
14	2.9	8.1	102	46	229	120	53	6.9	36	2.4	4.8	2.1
15	42	8.0	72	41	145	97	49	6.1	32	2.3	4.4	1.7
16	29	7.8	56	41	109	80	63	5.5	28	2.5	3.3	1.5
17	15	7.9	47	31	238	87	41	5.0	30	2.3	2.3	1.5
18	9.1	6.5	59	29	270	93	36	4.8	15	1.8	2.0	1.4
19	6.9	3.3	46	27	178	70	42	4.7	6.9	1.5	2.4	1.2
20	5.7	4.7	167	26	139	61	34	4.6	5.8	1.3	4.6	1.1
21	5.0	5.4	165	24	116	52	29	4.4	5.7	1.2	3.6	1.1
22	4.7	3.9	117	27	91	48	27	4.4	4.8	1.7	2.9	1.0
23	4.6	3.3	92	877	76	54	25	4.4	4.2	1.4	2.6	.90
24	3.8	8.8	73	505	79	98	23	4.2	4.0	105	5.7	.70
25	3.5	66	71	218	99	77	23	4.0	4.0	105	3.4	.70
26	3.4	22	55	161	72	85	25	3.5	3.5	75	2.4	.70
27	3.4	15	44	113	66	81	140	3.6	3.1	68	2.2	.50
28	3.4	31	39	92	60	73	73	4.6	3.1	15	6.4	11
29	3.4	30	36	80	-----	90	50	4.7	2.9	28	23	3.5
30	3.5	24	31	68	-----	184	39	4.0	2.7	17	21	2.6
31	3.5	-----	29	46	-----	136	-----	3.5	-----	9.4	18	-----
TOTAL MEAN	244.9	357.2	2,731	2,984	5,306	3,065	2,639	345.9	526.3	476.9	183.4	91.40
MAX	42	66	382	877	1,160	202	439	34	101	105	23	11
MIN	2.7	3.2	13	20	28	48	23	3.5	1.8	1.2	1.9	.50
CFSM	.17	.26	1.95	2.13	4.19	2.19	1.95	.25	.39	.44	.13	.07
IN.	.20	.29	2.25	2.46	4.37	2.52	2.17	.28	.43	.39	.15	.08

CAL YR 1964. TOTAL 35,090.50 MEAN 95.9 MAX 2,720 MIN .60 CFSM 2.12 IN 28.87
 WAT YR 1965. TOTAL 18,951.00 MEAN 51.9 MAX 2,160 MIN .50 CFSM 1.15 IN 15.59

MOBILE RIVER BASIN

2-4635 Hurricane Creek near Holt, Ala

Location --Lat 33°12'45", long 87°26'55", in S $\frac{1}{2}$ sec 14, T 21 S, R 9 W, on left bank on downstream side of pier of bridge on State Highway 116, 0.5 mile downstream from Cottondale Creek, 2.8 miles southeast of Holt, and 6 miles upstream from mouth

Drainage area --108 sq mi

Records available --July 1952 to September 1965

Gage --Water-stage recorder Datum of gage is 173.70 ft above mean sea level, datum of 1929

Average discharge --13 years, 156 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (3,500 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	2030	* 16,800	22.33	Apr 12, 1962	1130	6,320	12.11	Apr 6, 1964	-	7,800	14.20
Mar 7, 1961	1030	4,730	9.91	Jan 19, 1963	1800	5,580	11.07	Apr 13, 1964	1600	3,510	8.57
Mar 31, 1961	1030	5,450	10.85	Mar 6, 1963	0200	5,140	10.80	Apr 27, 1964	-	4,230	9.37
Dec 12, 1961	0400	6,280	12.05	Apr 30, 1963	0430	* 5,980	11.63	Feb 12, 1965	0700	* 3,770	8.86
Dec 18, 1961	0200	* 12,300	18.97	Mar 2, 1964	1830	5,440	10.87				
Jan 27, 1962	0730	4,410	9.52	Mar 15, 1964	-	* 8,080	14.55				
Feb 22, 1962	1100	7,560	15.89								

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 27, 28, 1960	a 4.0	-	1964	Oct 16, 1963	6.1	-
1962	Several days	a 5.5	-	1965	Sept 28, 29, 1965	a 6.3	-
1963	Oct 1, 1962	5.7	-				

a Minimum daily

1952-65 Maximum discharge, 16,800 cfs Feb 21, 1961 (gage height, 22.33 ft), minimum, 1.7 cfs Sept 5, 1954

Flood in March 1961 reached a stage of 19.6 ft, from information by local resident

Remarks - Records fair, except those for period of indefinite stage-discharge relation, which are poor Flow regulated at times by small lake upstream from station

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	15	18	58	422	71	487	1,370	156	18	41	34	67
2	10	7.3	39	194	67	379	730	160	17	38	31	46
3	7.0	5.5	35	136	99	310	550	116	15	33	26	160
4	8.0	4.8	35	99	79	265	517	94	13	65	31	67
5	15	5.0	35	84	68	229	359	82	13	34	28	36
6	100	4.5	33	76	65	306	286	72	12	21	46	28
7	30	4.5	26	67	74	2,900	238	66	24	30	71	40
8	20	5.0	26	62	89	1,460	202	58	28	30	51	31
9	15	7.0	27	54	77	810	283	90	24	34	46	23
10	10	222	26	50	74	525	286	78	334	25	32	18
11	9.0	36	98	47	70	392	199	62	84	29	20	14
12	8.0	20	98	46	65	314	986	59	39	508	17	12
13	7.0	20	56	43	62	357	788	55	28	957	18	12
14	10	19	43	58	58	307	600	49	25	802	17	30
15	20	16	53	58	55	227	400	43	41	702	14	73
16	20	10	69	50	51	199	300	39	48	393	27	36
17	15	12	51	42	51	174	200	34	40	261	65	24
18	25	12	44	40	504	723	160	33	44	470	33	18
19	30	12	38	87	1,070	490	140	31	41	261	19	14
20	35	12	179	150	2,480	341	128	29	278	145	15	14
21	30	12	696	101	12,600	328	112	27	333	90	38	13
22	20	14	188	77	9,440	256	101	26	130	170	27	12
23	10	171	124	72	4,250	206	92	32	65	393	20	12
24	7.0	80	86	67	1,720	177	88	40	80	273	29	10
25	6.0	44	67	64	2,260	151	82	34	69	321	53	8.5
26	5.0	27	59	118	1,300	140	303	33	865	155	31	7.9
27	4.0	27	56	160	828	132	847	31	659	208	56	7.3
28	4.0	29	50	130	662	279	394	27	261	406	46	7.0
29	5.0	169	49	110	-----	305	229	24	108	213	29	6.7
30	10	115	77	88	-----	352	172	22	58	94	20	7.3
31	40	-----	245	77	-----	3,790	-----	20	-----	50	104	-----
TOTAL	550.0	1,160.6	2,766	2,931	38,589	17,311	11,132	1,772	3,794	7,232	1,094	824.7
MEAN	17.7	38.7	89.2	94.5	1,267	559	355	56	126	232	35.3	26.7
MAX	100	222	696	422	12,600	3,790	1,370	160	865	957	104	160
MIN	4.0	4.5	26	40	51	132	82	20	12	21	14	6.7
CFSM	.16	.36	.83	.88	12.7	5.17	3.44	.51	1.17	2.17	.33	.26
IN.	.19	.40	.95	1.01	13.2	5.96	3.84	.59	1.31	2.50	.38	.29

CAL YR 1960: TOTAL 46,733.1 MEAN 128 MAX 2,140 MIN 4.0 CFSM 1.18 IN 16.09
WAT YR 1961: TOTAL 88,866.3 MEAN 243 MAX 12,600 MIN 4.0 CFSM 2.25 IN 30.60

Note --Stage-discharge relation indefinite Oct 1-30

MOBILE RIVER BASIN

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2-4635 Hurricane Creek near Holt, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12	32	31	495	483	261	730	121	34	41	52	7.5
2	36	38	29	345	393	219	423	43	35	31	31	6.0
3	80	88	28	267	327	231	297	101	45	27	16	5.5
4	41	213	27	213	279	183	219	93	42	27	15	5.5
5	20	285	38	602	249	145	278	84	38	27	20	5.5
6	13	104	104	1,680	177	115	821	48	53	33	86	11
7	11	62	140	919	140	104	891	63	90	110	26	14
8	10	48	101	597	145	98	597	60	62	83	22	11
9	9.0	41	95	435	140	422	417	57	50	50	34	10
10	8.5	40	290	357	112	615	309	55	47	27	13	12
11	8.5	41	1,500	270	90	898	1,160	52	56	19	6.2	10
12	7.9	44	4,750	220	87	564	4,280	48	113	17	6.5	17
13	7.6	46	1,820	190	80	405	1,110	43	109	18	7.6	15
14	7.3	104	1,340	190	76	303	644	42	55	17	10	12
15	7.0	108	1,680	584	99	261	479	38	35	12	10	16
16	7.0	349	933	489	716	177	362	34	29	16	10	14
17	7.6	210	3,370	357	632	140	304	34	22	65	14	12
18	7.6	73	7,240	363	219	115	267	33	20	66	13	17
19	7.6	51	1,500	1,790	177	108	236	31	34	28	11	12
20	7.3	41	891	961	120	101	208	30	97	16	11	8.1
21	7.6	34	618	618	233	155	172	28	59	12	12	6.0
22	9.0	32	483	477	4,760	94	163	27	39	9.5	15	5.5
23	10	822	411	1,000	1,600	78	156	26	33	6.8	17	5.5
24	11	414	309	961	919	67	158	25	30	6.5	20	6.0
25	11	165	243	646	646	254	163	25	29	12	18	7.6
26	11	78	195	903	507	213	171	24	32	27	15	8.5
27	10	58	231	3,170	417	120	132	24	48	26	12	13
28	13	46	267	2,020	333	98	163	23	57	18	9.0	13
29	19	39	155	1,110	-----	84	202	23	84	22	7.0	9.0
30	22	34	135	779	-----	76	141	26	50	34	6.0	6.8
31	27	-----	196	590	-----	999	-----	35	-----	23	7.5	-----
TOTAL MEAN	466.5 15.0	3,740 125	29,170 941	23,598 761	14,156 506	7,703 248	15,653 51.2	1,488 48.0	1,535 51.2	930.8 30.0	552.8 17.8	302.0 10.1
MAX	80	822	7,240	3,170	4,760	999	4,280	121	113	110	86	17
MIN	7.0	32	27	180	76	67	132	23	20	6.5	6.0	5.5
CFSM	-14	1.15	8.71	7.05	4.68	2.30	4.83	.44	.47	.28	.17	.09
IN.	.16	1.29	10.0	8.13	4.87	2.65	5.39	.51	.53	.32	.19	.10

CAL YR 1961: TOTAL 117,766.2 MEAN 323 MAX 12,600 MIN 6.7 CFSM 2.99 IN 40.55
 MAY YR 1962: TOTAL 99,295.1 MEAN 272 MAX 7,240 MIN 5.5 CFSM 2.52 IN 34.19

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.0	16	14	33	374	222	119	894	27	67	31	8.4
2	8.5	17	14	26	315	278	110	516	23	51	26	8.9
3	16	19	13	25	812	202	102	350	24	45	19	9.7
4	17	20	16	23	451	176	97	257	22	40	15	12
5	10	22	17	22	320	926	90	192	21	29	12	19
6	7.6	24	33	24	246	2,720	131	181	22	24	11	13
7	7.2	27	28	25	199	752	144	146	20	21	10	10
8	10	45	37	23	166	486	106	111	18	172	9.1	8.9
9	17	66	37	22	135	371	92	92	17	174	8.9	8.2
10	15	50	32	24	119	296	90	81	14	59	8.4	7.2
11	11	31	29	361	132	250	81	73	13	41	7.9	6.8
12	7.6	24	26	376	130	805	139	66	12	30	8.0	6.4
13	7.2	24	21	161	109	939	123	60	11	25	10	12
14	6.5	24	25	86	93	496	92	57	10	64	14	11
15	6.5	22	29	76	84	354	84	53	9.3	69	12	10
16	6.5	22	33	59	76	292	79	47	8.6	321	9.5	9.3
17	6.5	40	32	52	74	284	76	40	9.1	149	9.5	8.9
18	6.8	113	28	136	79	237	73	35	221	111	8.7	8.2
19	7.2	39	23	2,590	448	212	69	31	266	72	8.0	7.2
20	6.8	30	22	1,730	264	284	76	29	202	57	8.2	6.9
21	7.6	120	25	650	205	201	154	35	166	56	8.7	6.5
22	13	71	28	379	156	168	90	31	111	46	9.5	6.4
23	13	31	28	285	139	151	69	26	1,080	34	10	6.2
24	12	22	32	199	137	98	23	505	9.3	50	9.3	6.4
25	11	18	77	163	161	141	221	88	230	46	9.1	6.8
26	12	17	47	168	139	491	244	161	142	47	13	8.0
27	14	17	34	193	121	277	144	90	171	73	17	11
28	17	120	28	139	209	711	74	224	41	23	17	11
29	14	14	76	130	-----	171	2,150	62	203	31	13	16
30	15	14	66	542	-----	146	3,990	47	94	24	11	13
31	16	-----	43	573	-----	131	-----	35	-----	29	9.5	-----
TOTAL MEAN	328.5 10.6	1,014 33.8	993 32.0	9,295 300	5,839 209	12,805 413	9,804 327	3,983 137	4,096.0 137	2,098 67.7	379.3 12.2	289.3 9.64
MAX	17	120	77	2,590	812	2,720	3,990	894	1,080	321	31	17
MIN	6.0	14	13	22	74	131	58	23	8.6	21	7.9	6.2
CFSM	.10	.31	.30	2.78	1.93	3.82	3.03	1.19	1.26	.63	.11	.09
IN.	.11	.35	.34	3.20	2.01	4.41	3.38	1.37	1.41	.72	.13	.10

CAL YR 1962: TOTAL 68,254.1 MEAN 187 MAX 4,760 MIN 5.5 CFSM 1.73 IN 27.82
 MAY YR 1963: TOTAL 50,924.1 MEAN 140 MAX 3,990 MIN 6.0 CFSM 1.29 IN 27.82

2-4635 Hurricane Creek near Holt, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	11	11	29	42	110	177	150	314	37	33	43	17
2	11	22	22	40	97	2,510	140	678	37	206	67	16
3	10	16	24	53	82	1,540	130	683	33	296	30	14
4	9.7	13	21	91	74	715	140	382	30	75	26	13
5	8.7	12	18	84	88	715	460	267	29	60	47	13
6	8.0	13	15	95	148	435	5,840	207	108	44	41	12
7	7.7	12	13	142	106	485	1,510	170	76	34	37	12
8	7.2	11	14	103	92	530	765	139	53	30	42	12
9	7.2	10	14	988	82	394	510	126	40	34	27	12
10	6.9	10	15	408	81	440	378	116	34	32	23	11
11	6.8	11	110	240	81	400	298	103	31	128	32	11
12	6.5	10	330	185	72	290	516	108	29	216	38	12
13	6.6	9.4	170	139	98	230	2,480	103	26	113	40	12
14	6.8	8.8	140	106	193	350	1,470	84	25	76	26	11
15	6.5	8.1	96	92	305	5,850	750	80	22	59	28	10
16	6.5	8.1	67	81	493	1,120	505	75	21	45	81	10
17	6.8	8.4	67	75	294	660	360	72	20	37	62	10
18	6.9	8.4	46	66	747	465	270	71	20	30	39	10
19	6.9	9.5	40	66	520	378	220	67	19	27	29	11
20	6.9	10	34	65	338	374	180	65	18	25	24	18
21	6.9	10	31	56	240	282	150	62	17	30	22	22
22	6.9	10	30	55	202	225	140	60	17	32	27	10
23	7.2	18	45	53	170	190	130	60	17	27	32	9.4
24	7.5	18	49	200	146	172	170	68	66	27	108	8.8
25	7.9	17	44	750	288	162	350	61	60	31	50	8.2
26	9.5	15	39	500	302	1,070	730	50	32	28	37	7.8
27	9.1	13	34	360	234	538	2,730	43	22	19	28	7.8
28	13	16	32	250	228	370	890	38	20	18	23	8.8
29	11	73	29	200	174	264	762	39	20	19	20	17
30	8.6	59	28	160	-----	210	428	38	20	18	18	76
31	8.7	29	140	-----	-----	180	-----	37	-----	26	18	-----
TOTAL	250.9	470.9	1,662	5,987	6,085	21,721	23,552	4,466	999	1,875	1,165	424.8
MEAN	8.09	15.7	53.6	190	210	701	785	144	33.3	60.5	37.6	14.2
MAX	13	73	330	988	747	5,850	5,840	683	108	296	108	78
MIN	6.5	8.1	13	40	72	162	130	37	17	18	18	7.8
CFSM	.07	.15	.50	1.76	1.94	6.49	7.27	1.33	.31	.56	.35	.15
IN.	.09	.16	.57	2.03	2.10	7.48	8.11	1.54	.34	.65	.40	.15

CAL YR 1963: TOTAL 50,972.4 MEAN 140 MAX 3,990 MIN 6.2 CFSM 1.29 IN 17.25
 MAY YR 1964: TOTAL 68,558.6 MEAN 187 MAX 5,850 MIN 6.5 CFSM 1.73 IN 23.61

Note --Fragmentary gage-height record Mar 15, Apr 6, 27

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	53	21	81	64	118	244	234	68	18	67	28	13
2	29	21	70	66	144	440	196	60	16	25	22	41
3	23	20	68	118	106	334	181	53	16	17	20	53
4	34	20	1,020	76	94	318	188	48	14	17	17	18
5	104	19	312	66	88	259	166	44	14	27	16	17
6	50	18	154	62	98	234	148	41	44	22	14	17
7	30	18	108	60	164	204	1,580	39	260	19	14	14
8	21	20	86	56	141	186	963	38	131	25	15	12
9	20	20	70	58	148	174	520	34	41	95	18	10
10	19	20	60	319	1,130	158	366	32	82	36	17	13
11	19	19	342	222	1,020	146	278	30	412	27	16	14
12	19	19	750	158	2,390	343	256	29	282	21	18	10
13	20	20	358	136	793	334	213	28	88	18	23	11
14	22	20	210	121	510	248	181	26	72	17	17	8.9
15	218	19	146	108	358	216	171	24	48	43	15	7.9
16	101	19	121	114	294	186	176	22	40	45	104	7.4
17	61	19	103	88	540	196	141	22	48	29	43	7.2
18	39	20	124	76	530	240	126	22	44	22	17	7.0
19	23	22	94	74	366	176	128	21	37	19	21	7.2
20	21	67	287	70	282	158	118	21	31	17	24	7.4
21	20	29	282	68	242	141	101	19	26	15	24	7.2
22	19	21	201	66	201	136	98	19	22	14	28	7.4
23	19	20	164	1,430	178	146	81	20	20	13	18	7.4
24	18	67	141	818	188	191	72	22	44	236	24	7.2
25	18	318	146	410	234	158	72	22	38	218	17	7.4
26	19	124	118	294	171	174	98	20	28	56	14	7.0
27	20	96	216	154	269	154	240	19	22	46	19	6.9
28	21	229	84	178	151	158	134	22	19	37	59	6.3
29	22	176	78	164	-----	266	98	25	18	86	34	6.3
30	22	111	70	148	-----	480	76	22	18	46	18	16
31	22	-----	66	124	-----	314	-----	20	-----	37	14	-----
TOTAL	1,148	1,612	6,010	6,028	10,833	7,132	7,419	932	1,993	1,614	744	379.1
MEAN	37.0	53.7	194	194	387	230	247	30.1	66.4	45.8	24.0	12.6
MAX	218	318	1,020	1,430	2,390	480	1,580	68	412	236	104	53
MIN	18	18	60	56	88	136	72	19	14	13	14	6.3
CFSM	.34	.50	1.80	1.80	3.58	2.13	2.29	.28	.62	.42	.22	.12
IN.	.40	.56	2.07	2.08	3.73	2.46	2.55	.32	.69	.49	.26	.13

CAL YR 1964: TOTAL 74,944.8 MEAN 203 MAX 5,850 MIN 7.8 CFSM 1.90 IN 25.81
 MAY YR 1965: TOTAL 45,644.1 MEAN 125 MAX 2,390 MIN 6.3 CFSM 1.18 IN 19.72

2-4645 North River near Tuscaloosa, Ala

Location --Lat 33°21'10", long 87°33'25" in NW 1/4 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

Records available --October 1951 to September 1965 Prior to December 1951 monthly discharge only published in WSP 1724

Gage --Digital and graphic water-stage recorders Datum of gage is 155.24 ft above mean sea level, datum of 1929 (levels by Parker Engineering Co.) Prior to Oct 1, 1964, graphic water-stage recorder at same site and datum

Average discharge --14 years, 538 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (6,200 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	1300	* 27,200	33 10	Feb 22, 1962	1300	8,100	12 17	Mar 15, 1964	2230	11,700	17 48
Mar 7, 1961	2100	6,880	10 13	Mar 13, 1963	0530	6,700	9 83	Apr 6, 1964	1800	11,100	16 58
Mar 31, 1961	-	-	-	July 16, 1963	2050	* 7,050	10 42	Apr 14, 1964	1500	12,000	17 83
Dec 12, 1961	2000	6,950	10 25	Jan 9, 1964	1700	6,210	9 10	Apr 27, 1964	2300	* 12,500	18 58
Dec 18, 1961	2000	* 14,500	21 25	Jan 25, 1964	2030	9,400	14 14	Feb 9, 1965	1945	8,840	13 35
Jan 6, 1962	1800	7,190	10 65	Mar 5, 1964	0630	9,190	13 84	Feb 12, 1965	1950	* 10,900	16 28
Jan 27, 1962	1850	12,200	18 12					Mar 26, 1965	2400	7,420	11 04

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 29, 1961	27	0 72	1964	Oct 22, 1963	20	0 62
1962	Sept 6, 1962	24	62	1965	Sept 29, 1965	33	72
1963	Sept 26, 1963	15	52				

1951-65 Maximum discharge, 27,200 cfs Feb 22, 1961 (gage height, 33.10 ft), minimum, 8.4 cfs July 29, 1952

Flood in July 1916 reached a stage of 30.9 ft and flood in March 1951 reached a stage of 29.6 ft, from information by local residents

Remarks --Records fair Record of chemical analyses and water temperatures for water year 1965 are published in report of the Geological Survey

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	96	270	224	1,560	339	1,230	6,000	435	96	129	104	59
2	84	211	196	1,060	323	990	2,500	530	88	122	100	59
3	77	157	182	682	377	837	2,000	422	86	120	92	195
4	69	134	173	510	377	732	1,800	356	78	126	84	171
5	90	122	162	417	319	654	1,500	307	77	98	75	111
6	233	113	157	364	300	1,130	1,000	277	123	88	69	78
7	193	109	152	319	343	4,830	800	260	200	86	71	68
8	179	102	152	288	422	5,560	740	243	132	92	94	62
9	171	102	149	260	399	3,800	700	854	117	102	132	56
10	136	244	142	236	373	1,750	1,100	786	94	117	98	51
11	113	256	193	220	347	1,240	1,000	475	218	129	84	48
12	98	211	202	211	319	981	3,000	390	126	1,060	73	45
13	88	176	176	205	296	1,120	2,500	339	186	2,160	68	43
14	80	157	157	227	277	1,830	1,700	285	124	1,770	59	44
15	137	146	160	239	255	1,240	1,200	270	113	918	54	51
16	296	144	168	230	236	978	900	236	113	766	140	58
17	233	154	157	199	227	782	700	217	111	740	484	53
18	165	149	146	185	382	2,600	600	199	102	545	272	44
19	142	136	142	264	1,580	2,700	530	188	100	360	139	43
20	253	129	221	515	5,760	2,200	480	176	188	281	106	42
21	220	124	1,040	426	18,600	4,500	426	160	838	314	96	40
22	173	117	766	336	26,600	2,900	360	149	571	480	80	40
23	144	192	490	303	23,200	1,800	364	185	303	404	73	39
24	126	300	386	288	14,800	1,100	339	199	411	292	73	36
25	115	263	327	274	3,490	900	315	171	274	415	94	35
26	104	220	292	416	2,510	760	491	171	242	303	117	33
27	98	199	263	730	1,780	700	1,460	160	445	220	90	32
28	94	188	236	664	1,470	3,500	1,330	142	277	190	75	32
29	88	263	224	530	-----	4,500	682	126	190	157	68	29
30	90	253	267	435	-----	4,000	505	115	146	134	62	30
31	200	-----	447	373	-----	10,000	-----	106	-----	115	61	-----
TOTAL	4,385	5,341	8,149	12,971	105,701	71,844	37,052	8,929	6,169	12,833	3,287	1,727
MEAN	141	178	263	418	3,775	2,318	1,235	288	206	414	106	57.6
MAX	296	300	1,040	1,560	26,600	10,000	6,000	854	838	2,160	484	195
MIN	69	102	142	185	227	654	315	106	77	86	54	29
CFSM	.39	.49	.72	1.14	10.3	6.33	3.37	.79	.56	1.13	.29	.16
IN.	.45	.54	.83	1.32	10.7	7.30	3.76	.91	.63	1.30	.33	.18

CAL YR 1960: TOTAL 203,843 MEAN 557 MAX 10,800 MIN 32 CFSM 1.52 IN 20.71
 MAY YR 1961: TOTAL 278,388 MEAN 763 MAX 26,600 MIN 29 CFSM 2.08 IN 28.29

Note --No gage-height record Mar 18 to Apr 18

2-4645 North River near Tuscaloosa, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	29	42	78	1,080	1,360	1,520	3,750	450	145	82	100	32
2	33	45	78	961	1,110	1,240	1,700	400	109	71	100	32
3	61	56	80	788	919	1,060	1,140	350	94	64	100	30
4	71	92	82	656	788	891	898	300	82	63	100	29
5	50	92	94	1,340	710	764	849	270	75	63	100	33
6	44	86	165	6,370	610	650	3,690	250	96	58	120	27
7	44	69	243	4,920	530	580	3,970	230	90	74	120	39
8	44	64	220	2,090	510	545	2,090	220	77	174	120	53
9	44	62	202	1,400	560	970	1,450	200	111	169	120	55
10	43	58	1,260	1,120	500	1,630	1,090	190	145	88	120	52
11	40	56	1,010	898	435	4,320	1,000	178	202	66	80	46
12	38	54	5,420	782	406	3,290	4,020	159	240	58	80	63
13	36	61	4,670	692	396	1,850	3,740	145	221	55	80	84
14	35	104	1,760	632	373	1,290	1,900	137	161	55	80	167
15	32	129	1,980	1,910	360	1,020	1,500	125	127	52	80	81
16	32	160	1,420	2,510	1,090	835	1,200	120	102	50	60	52
17	32	144	4,440	1,470	821	692	1,000	118	81	53	60	48
18	30	115	13,200	1,130	605	600	900	111	76	64	60	48
19	31	90	11,300	2,900	570	560	800	107	120	64	60	42
20	31	77	2,450	2,660	530	525	700	96	173	56	60	38
21	31	71	1,360	1,620	583	856	610	90	240	48	50	35
22	35	66	1,020	1,220	6,120	740	550	86	153	41	50	33
23	38	206	863	2,890	4,220	575	500	82	107	36	50	32
24	36	383	692	3,700	3,570	510	470	81	82	34	50	35
25	44	227	570	2,060	2,560	741	440	77	77	201	50	29
26	43	149	485	1,960	1,890	1,210	420	75	115	244	50	33
27	42	120	505	10,300	1,510	912	400	70	181	150	46	35
28	38	102	926	10,600	1,490	716	400	66	160	94	42	35
29	38	92	782	6,950	---	610	410	63	100	90	39	33
30	40	84	632	2,600	---	545	450	84	96	90	36	32
31	40	---	610	1,800	---	2,630	---	148	---	90	34	---
TOTAL	1,225	3,156	58,597	82,209	35,126	34,877	42,037	5,078	3,818	2,597	2,297	1,283
MEAN	39.5	105	1,890	2,652	1,125	1,125	1,255	156	127	74	70	40.1
MAX	71	383	13,200	10,600	6,120	4,320	4,020	450	240	244	120	167
MIN	29	42	78	632	360	510	400	63	75	34	34	27
CFSM	.11	.29	5.16	7.25	3.43	3.07	3.83	.45	.35	.23	.20	.13
IN.	.12	.32	5.95	8.35	3.57	3.54	4.27	.52	.39	.26	.23	.14

CAL YR 1961: TOTAL 323,491 MEAN 886 MAX 26,600 MIN 29 CFSM 2.42 IN 32.87
 MAT YR 1962: TOTAL 272,400 MEAN 746 MAX 13,200 MIN 27 CFSM 2.04 IN 27.68

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	29	38	63	150	856	289	303	1,300	300	142	264	36
2	38	38	61	123	694	480	274	664	221	100	184	33
3	50	41	58	107	1,440	411	250	440	170	82	145	31
4	49	42	59	98	1,020	360	231	330	140	66	115	40
5	50	43	64	92	722	686	215	264	118	59	100	116
6	52	42	73	90	560	3,360	248	221	105	59	86	94
7	46	41	71	88	445	1,970	484	193	94	56	79	71
8	45	45	71	84	356	1,090	480	167	81	74	66	52
9	46	59	73	81	311	794	378	140	70	171	59	43
10	45	66	71	79	282	650	322	118	66	181	56	36
11	40	64	66	121	254	550	285	102	56	104	50	32
12	36	63	62	208	231	1,850	268	94	50	73	58	43
13	34	61	58	254	208	5,700	254	88	45	69	81	44
14	34	58	56	208	193	2,690	212	82	40	414	175	35
15	34	58	55	167	176	1,270	187	77	39	676	90	35
16	33	58	57	142	161	968	173	70	35	4,400	63	34
17	33	81	60	130	153	1,040	164	66	34	2,950	53	33
18	32	181	64	142	161	1,100	161	61	41	1,280	48	36
19	32	173	69	151	451	821	153	55	77	701	42	31
20	31	135	68	1,310	580	722	148	50	70	470	40	28
21	32	140	70	800	455	580	142	49	82	440	43	26
22	35	135	73	470	352	460	135	45	107	375	124	24
23	35	109	73	364	288	396	123	40	400	260	74	21
24	33	92	93	319	300	364	107	36	595	212	50	22
25	33	81	140	260	311	334	122	39	292	199	43	16
26	33	79	148	264	278	1,540	190	295	181	320	46	18
27	34	73	125	307	244	1,150	176	2,280	167	506	88	22
28	38	68	105	292	227	704	173	2,430	254	268	70	33
29	40	66	189	247	---	520	300	1,430	192	187	61	38
30	42	64	354	634	---	411	2,130	740	184	153	52	34
31	40	---	215	1,340	---	347	---	435	---	423	43	---
TOTAL	1,184	2,294	2,864	9,322	11,709	33,607	8,788	12,401	4,306	15,470	2,548	1,157
MEAN	38.2	76.5	92.4	301	418	1,084	273	393	141	499	81	36.1
MAX	52	181	354	1,340	1,440	5,700	2,130	2,430	595	4,400	264	116
MIN	29	38	55	79	153	289	107	36	34	56	40	16
CFSM	.10	.21	.25	.82	1.14	2.96	.80	1.09	.39	1.36	.22	.11
IN.	.12	.23	.29	.95	1.19	3.41	.89	1.26	.44	1.57	.26	.12

CAL YR 1962: TOTAL 215,764 MEAN 591 MAX 10,600 MIN 27 CFSM 1.62 IN 21.92
 MAT YR 1963: TOTAL 105,650 MEAN 289 MAX 5,700 MIN 16 CFSM .79 IN 10.74

2-4645 North River near Tuscaloosa, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	30	49	148	164	570	565	460	1,130	125	416	145	71
2	28	110	102	161	475	3,410	430	1,470	120	330	130	58
3	27	75	109	205	406	7,300	406	2,640	111	623	96	53
4	28	50	96	468	364	3,190	430	1,570	98	332	82	52
5	26	42	81	807	402	3,580	766	1,070	88	202	113	49
6	26	46	68	901	668	2,210	9,240	788	304	173	167	46
7	23	42	59	1,610	575	1,840	6,640	615	662	142	159	43
8	24	39	63	1,170	465	2,160	2,420	500	145	125	135	40
9	24	34	66	4,760	401	1,760	1,650	425	113	178	109	39
10	24	35	68	3,110	373	2,870	1,240	382	96	196	92	39
11	23	38	520	1,480	347	2,050	989	352	88	173	90	35
12	22	32	2,330	1,070	311	1,390	1,050	326	86	790	111	34
13	24	31	933	814	334	1,050	6,970	303	81	1,940	109	31
14	22	29	800	595	688	1,590	11,800	271	77	809	92	30
15	21	27	644	485	858	9,540	6,770	244	70	406	82	26
16	21	27	415	425	1,370	10,100	1,950	221	64	296	250	27
17	21	27	303	392	1,120	3,030	1,430	208	61	247	448	28
18	21	29	247	352	1,870	1,670	1,140	193	58	190	234	29
19	21	32	212	315	2,090	1,310	926	176	55	150	145	31
20	21	35	181	303	1,400	1,300	752	161	52	130	113	32
21	21	35	164	271	996	1,120	610	153	49	274	96	33
22	20	35	159	247	788	905	545	148	46	343	90	34
23	21	70	237	234	650	770	500	137	118	378	88	36
24	21	70	285	1,380	550	680	720	142	416	224	770	32
25	22	64	234	7,980	765	638	1,770	164	178	176	316	28
26	25	55	212	5,180	1,160	1,060	2,670	156	193	190	184	26
27	25	49	199	1,700	940	982	9,870	127	120	145	135	25
28	31	63	178	1,160	800	776	9,230	113	90	113	137	25
29	32	348	161	870	662	656	2,690	123	81	96	118	83
30	30	276	148	704	-----	550	1,520	132	170	98	94	256
31	31	-----	148	620	-----	490	-----	130	-----	108	81	-----
TOTAL	756	1,694	9,570	39,933	22,398	70,542	87,584	14,570	4,017	9,993	5,011	1,371
MEAN	24.4	63.1	309	1,288	772	2,276	2,919	470	134	322	162	45.7
MAX	32	348	2,330	7,980	2,090	10,100	11,800	2,640	662	1,940	770	256
MIN	20	27	59	161	311	490	406	113	46	96	81	28
CFSM	.07	.17	.84	3.12	2.11	6.22	7.98	1.28	.37	.88	.44	.12
IN.	.08	.19	.97	4.06	2.28	7.17	8.90	1.48	.41	1.02	.51	.14

CAL YR 1963: TOTAL 111,528 MEAN 306 MAX 5,700 MIN 16 CFSM .83 IN 11.33
WAT YR 1964: TOTAL 267,639 MEAN 731 MAX 11,800 MIN 20 CFSM 2.00 IN 27.20

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	156	93	406	282	353	624	1,560	208	55	45	100	75
2	100	86	315	271	420	1,900	1,210	193	49	78	84	63
3	70	81	272	373	369	1,670	1,020	181	45	90	73	97
4	70	79	632	360	312	1,490	926	170	42	70	64	86
5	152	82	735	300	295	1,280	770	156	41	86	70	68
6	172	78	487	271	313	1,150	662	145	55	497	66	63
7	102	77	364	261	509	946	1,690	135	284	917	63	56
8	74	80	303	247	559	788	1,410	120	307	460	120	50
9	62	89	266	237	6,120	683	933	113	250	224	137	46
10	53	88	238	794	5,710	603	716	107	148	142	109	42
11	49	88	855	1,180	5,030	523	605	102	233	140	95	40
12	46	88	3,260	793	9,400	1,410	662	100	387	105	71	284
13	45	87	1,970	606	7,180	2,630	752	105	373	82	307	261
14	50	86	1,020	495	2,410	1,530	575	113	227	73	174	107
15	300	86	680	423	1,530	1,100	530	98	159	100	100	79
16	722	86	515	385	1,180	856	949	90	474	630	81	70
17	323	82	440	332	1,470	764	692	84	260	276	77	61
18	193	78	933	288	1,590	1,210	535	77	193	153	70	56
19	161	89	996	273	1,230	1,020	510	75	125	109	64	49
20	114	167	989	259	967	764	510	75	96	82	61	46
21	99	196	1,010	248	801	626	420	75	82	68	66	45
22	93	142	800	244	661	550	352	73	71	59	59	43
23	87	114	662	1,680	376	530	322	75	64	55	68	43
24	82	147	565	2,470	592	963	292	73	63	141	71	41
25	81	881	570	1,370	771	1,520	274	82	58	853	68	39
26	79	711	530	946	587	4,960	332	81	55	385	59	36
27	78	374	430	690	502	5,840	435	75	52	218	69	35
28	60	680	364	548	468	2,470	315	81	52	240	175	34
29	92	1,210	330	482	-----	1,670	257	82	50	238	150	33
30	100	626	311	442	-----	3,700	224	73	48	161	142	54
31	101	-----	296	384	-----	2,280	-----	63	-----	135	100	-----
TOTAL	3,966	6,951	21,544	17,934	51,905	48,450	20,440	3,280	4,398	6,912	3,913	2,102
MEAN	128	228	695	579	1,654	1,563	651	106	147	225	121	70.1
MAX	722	1,210	3,260	2,470	9,400	5,840	1,690	208	474	917	307	284
MIN	45	77	238	237	295	523	224	63	41	45	59	33
CFSM	.35	.62	1.90	1.58	5.06	4.27	1.86	.29	.40	.61	.27	.19
IN.	.40	.70	2.19	1.82	5.27	4.92	2.08	.33	.45	.70	.31	.21

CAL YR 1964: TOTAL 287,780 MEAN 786 MAX 11,800 MIN 25 CFSM 2.15 IN 29.24
WAT YR 1965: TOTAL 190,795 MEAN 523 MAX 9,400 MIN 33 CFSM 1.43 IN 19.39

2-4650 Black Warrior River at Tuscaloosa, Ala

Location --Lat 33°12'50", long 87°34'25", in SW¹/₄ 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 & Ohio Railroad bridge, and three quarters of a mile upstream from Oliver Lock and Dam

Drainage area --4,828 sq mi

Records available --January 1889 to September 1894 (gage heights only), October 1894 to December 1902, January 1903 to December 1905 (gage heights and discharge measurements only), August 1928 to September 1965 Monthly discharge only for period October to December 1894, published in WSP 1304

Gage --Digital water-stage recorder Datum of gage is 83 35 ft above mean sea level, datum of 1929, supplementary adjustment of 1944 Prior to December 1905, staff gage a third of a mile downstream and 300 ft downstream from present Gulf, Mobile & Ohio Railroad bridge at datum 2 5 ft higher Aug 1, 1928, to Aug 28, 1939, staff gage just above former Lock 10, half a mile upstream at present datum Aug 29, 1939, to Mar 19 1951, graphic water-stage recorder at site a quarter of a mile downstream and 55 ft downstream from Gulf, Mobile & Ohio Railroad bridge, at present datum Subsequent to Apr 19 1944, auxiliary graphic water-stage recorder, and Aug 28, 1939, to Apr 18, 1944, auxiliary staff gage, 500 ft downstream from Oliver Lock and Dam at datum 1 08 ft lower

Average discharge --45 years (1894-1902, 1928-65), 7,722 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (85,000), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	1000	* 224,000	85.81	Apr 12, 1962	1800	89,300	51.57	Apr 6, 1964	1100	* 116,000	54.05
Mar 31, 1961	1000	99,100	85.48	Apr 14, 1964	0900	114,000	56.64	Apr 27, 1964	1000	94,800	51.73
Dec 18, 1961	1200	* 141,000	59.40	Apr 30, 1963	1830	* 57,400	47.62	Feb 12, 1965	1800	* 82,700	52.19
Jan 28, 1962	1800	109,000	56.76	Mar 15, 1964	2300	103,000	54.93				

a Occurred several hours subsequent to peak discharge

Annual minimum daily discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 2, 1960	669	-	1964	Sept 28, 1964	175	-
1962	Aug 19, 1962	881	-	1965	Sept 6, 1965	237	-
1963	Sept 16, 1963	290	-				

1899-1905, 1928-1965 Maximum discharge, 224,000 cfs Feb 21, 1961, maximum gage height, 67 ft 8 in, 1900, minimum daily discharge, 37 cfs Oct 23, 1953

Revisions --The maximum discharge for the water year 1953 has been revised to 120,000 cfs Jan 9, 1953 (gage height, 54 1 ft) superseding figure published in WSP 1274

Remarks --Records good above 6,000 cfs and poor below Some regulation by Lewis Smith Reservoir on Sipsey Fork, by Bankhead Lock and Dam on Black Warrior River (usable capacity, 112,000 acre-ft), and occasionally by Oliver Lock and Dam below gage during low flow Diversion through lock valves included in figures of discharge Records of water temperature for water year 1965 are published in reports of the Geological Survey

Revisions (water years) --WSP 1002 1940-43 WSP 1384 Drainage area WSP 1624 1900

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	785	970	3,420	12,100	2,580	17,100	62,500	4,720	1,940	2,140	1,540
2	669	905	3,290	12,600	3,660	14,000	35,100	6,070	1,940	2,100	1,420
3	711	878	3,100	7,550	4,630	10,600	22,000	3,990	1,430	1,600	1,160
4	686	1,760	2,060	5,220	6,150	10,300	18,600	5,400	1,340	1,600	1,190
5	831	603	2,090	5,070	6,640	9,420	11,200	3,920	1,370	1,520	1,020
6	2,840	808	2,000	4,690	6,010	11,200	11,100	3,460	1,290	1,500	1,220
7	2,280	811	2,110	3,720	5,860	46,600	8,730	3,600	1,500	1,480	1,290
8	1,820	751	1,870	3,550	6,250	49,300	6,390	2,340	2,070	1,450	1,270
9	891	831	963	3,400	8,220	44,800	7,950	6,400	1,860	1,320	1,220
10	848	1,460	868	2,290	7,700	30,900	12,400	6,100	1,450	1,280	1,130
11	814	2,210	1,930	2,260	5,680	17,600	12,200	3,850	1,400	1,440	1,450
12	1,250	2,160	2,180	2,200	5,350	14,800	15,400	4,360	1,550	4,600	2,030
13	1,420	2,080	2,030	2,370	4,350	12,900	26,500	3,280	2,000	15,700	1,980
14	811	2,180	2,120	3,300	4,280	19,400	17,500	2,420	2,040	14,600	1,530
15	976	1,700	2,040	2,910	3,610	13,400	14,000	2,280	3,040	9,080	1,510
16	2,050	884	2,020	2,210	3,400	9,950	9,920	2,390	2,010	6,560	1,640
17	1,860	891	2,020	2,230	3,420	10,200	7,620	3,200	1,420	5,480	1,870
18	888	837	2,000	2,100	4,360	18,400	7,260	3,130	1,430	11,300	1,760
19	740	888	1,410	2,400	12,000	22,300	7,150	2,240	1,120	6,560	1,820
20	1,980	1,260	2,120	4,050	55,600	16,200	5,060	2,090	1,480	3,630	1,440
21	2,100	1,300	7,940	3,880	185,000	34,100	4,810	1,980	2,120	3,660	1,470
22	939	811	7,850	3,710	219,000	24,600	3,670	2,050	1,830	4,780	1,370
23	703	987	4,060	3,590	195,000	15,200	3,590	2,250	1,530	3,710	1,420
24	763	2,180	3,870	3,330	142,000	11,200	3,520	2,150	3,390	2,520	1,420
25	1,280	2,260	3,660	2,330	104,000	10,400	3,440	3,060	2,440	2,470	1,460
26	1,280	2,130	3,430	3,650	61,500	8,000	4,230	3,440	4,650	2,420	1,490
27	1,300	2,150	2,740	5,220	36,800	6,230	13,700	4,180	5,860	2,310	1,340
28	1,190	2,130	3,460	6,500	21,500	12,400	14,800	5,940	5,100	3,710	1,420
29	760	3,350	2,290	5,240	-----	26,200	9,580	3,030	2,450	2,280	1,140
30	774	3,710	2,410	4,770	-----	22,500	5,780	2,080	2,200	2,140	1,050
31	949	-----	4,390	4,030	-----	85,200	-----	1,930	-----	1,600	891
TOTAL	37,188	46,053	89,741	132,870	1,131,300	627,400	386,650	107,320	62,739	122,830	47,291
MEAN	1,200	1,485	2,898	4,286	36,500	21,140	12,470	3,473	2,024	4,000	1,522
MAX	2,840	3,710	7,940	12,600	219,000	85,200	62,500	6,100	5,860	15,700	2,030
MIN	669	751	868	2,100	2,580	6,230	3,460	1,930	1,120	1,280	891
CFSM	.25	.32	.60	.89	8.32	4.38	2.67	.72	.45	.84	.29
IN	.27	.35	.69	1.02	8.67	5.05	2.98	.83	.50	.96	.33
CALL	VR 1960: TOTAL 2,364,417	MEAN 6,440	MAX 93,100	MIN 390	CFSM 1.34	IN 18.21					
VR 1961	TOTAL 2,864,205	MEAN 7,847	MAX 219,000	MIN 669	CFSM 1.63	IN 22.06					

M Expressed in thousands

2-4650 Black Warrior River at Tuscaloosa, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,340	983	1,880	11,000	22,000	19,100	35,700	9,670	1,440	1,180	1,240	1,540
2	1,250	1,050	1,920	14,000	20,700	19,500	27,100	9,110	1,390	1,080	1,180	1,010
3	1,150	1,200	1,830	11,000	14,800	16,800	17,600	7,720	1,390	1,000	1,650	1,000
4	1,100	2,000	1,450	10,100	14,100	15,500	17,000	7,590	1,280	1,100	1,880	1,000
5	1,190	2,170	1,370	13,400	15,400	14,300	13,400	7,590	1,200	1,130	2,010	3,120
6	1,070	1,930	1,520	51,600	13,500	12,400	27,500	7,520	1,270	1,320	1,680	3,650
7	1,100	1,440	1,660	50,700	11,100	12,200	35,300	7,600	1,320	4,580	1,190	2,900
8	1,100	1,510	1,900	34,200	12,400	11,200	23,200	7,500	1,280	2,680	1,360	1,260
9	1,040	1,410	2,600	23,200	12,800	13,000	20,500	5,070	1,250	2,060	1,700	1,140
10	1,080	973	11,000	21,400	11,500	19,600	17,200	2,210	1,900	1,900	2,680	1,020
11	1,090	993	16,600	15,900	9,390	42,600	22,100	1,650	1,750	1,360	1,710	1,110
12	1,020	1,090	79,300	14,900	9,360	41,100	77,200	1,670	1,760	1,300	1,390	5,360
13	1,140	1,010	75,800	12,600	9,330	27,000	85,400	1,540	3,300	1,180	1,120	2,660
14	963	1,160	55,500	12,700	9,280	21,000	77,300	1,520	3,100	1,270	1,040	1,680
15	1,000	1,180	40,200	16,600	9,460	17,600	49,000	1,450	2,940	1,190	1,040	3,640
16	885	2,290	20,200	25,400	11,100	14,500	21,600	1,420	1,890	1,220	2,450	1,610
17	1,010	2,170	47,400	21,500	9,020	12,600	17,400	1,460	1,260	1,380	2,130	1,940
18	949	2,010	132,000	18,100	6,760	10,200	14,600	1,410	1,180	1,270	939	2,610
19	1,120	1,940	107,000	33,400	6,850	8,440	12,600	1,510	1,320	1,230	881	2,980
20	953	1,770	81,500	31,500	5,860	8,170	12,600	1,460	1,900	1,080	925	1,480
21	925	1,080	45,800	21,400	8,820	8,680	11,200	1,310	1,710	1,090	1,220	1,370
22	929	1,000	19,300	16,100	58,000	11,000	10,800	1,340	1,620	1,120	3,540	942
23	902	4,150	15,200	24,600	50,000	8,420	9,880	1,360	1,520	1,030	1,780	912
24	891	4,620	11,100	37,800	38,100	6,760	9,760	1,340	1,560	1,170	1,580	936
25	925	2,450	8,120	27,200	31,600	7,930	10,300	1,290	1,680	1,880	1,560	1,400
26	908	2,070	7,200	26,500	24,600	13,800	11,900	1,250	2,130	2,870	1,040	1,600
27	959	2,150	7,970	79,700	23,700	13,000	9,640	1,150	1,730	1,500	942	1,540
28	932	2,100	10,200	105,000	20,200	11,900	9,390	1,170	1,840	1,320	1,150	1,500
29	1,040	1,940	13,300	93,600	-----	11,500	9,700	1,150	2,770	1,380	1,100	1,070
30	1,020	1,930	9,400	64,000	-----	4,310	9,880	1,320	2,630	1,330	1,080	891
31	1,010	-----	8,200	34,800	-----	22,000	-----	1,340	-----	1,280	2,530	-----
TOTAL	31,991	53,769	838,256	973,900	489,730	476,110	726,750	100,690	53,510	46,480	47,717	54,471
MEAN	1,032	1,792	27,040	31,420	17,490	15,360	24,230	3,248	1,784	1,499	1,539	1,816
MAX	1,340	4,620	132,000	105,000	58,000	42,600	85,400	9,670	3,300	4,580	3,540	5,360
MIN	885	973	1,370	10,100	5,860	4,310	9,390	1,150	1,180	1,000	881	891
CFSM	.21	.37	5.60	6.51	3.62	3.18	5.02	.67	.37	.31	.32	.38
IN.	.25	.41	6.44	7.50	3.77	3.67	5.60	.78	.41	.36	.37	.42
AL YR 1961:	TOTAL 3,615,231			MEAN 9,905	MAX 219,000	MIN 885	CFSM 2.05	IN 27.85				
IAT YR 1962:	TOTAL 3,693,368			MEAN 10,670	MAX 132,000	MIN 881	CFSM 2.21	IN 29.99				

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,010	2,790	908	4,150	11,400	4,460	4,240	47,900	7,970	3,860	4,660	677
2	949	2,700	993	3,890	12,400	5,200	4,080	39,700	7,100	1,950	3,220	453
3	959	2,420	878	3,010	30,200	6,030	4,050	19,500	6,630	1,260	1,890	2,890
4	966	1,480	1,020	1,800	23,300	6,800	2,990	14,000	1,840	4,110	1,390	4,290
5	1,040	1,080	1,070	2,720	16,900	10,200	2,890	10,400	1,610	3,340	1,410	3,910
6	1,020	2,060	1,030	2,530	12,500	48,600	3,190	7,870	1,700	2,120	1,780	4,410
7	970	1,460	1,060	1,490	9,030	34,400	6,230	6,820	3,490	1,200	2,560	1,890
8	942	1,200	1,170	1,600	8,250	19,700	10,400	5,560	1,730	2,720	2,940	616
9	942	3,730	1,180	1,730	5,660	13,800	7,010	4,470	1,340	3,640	3,200	2,140
10	942	4,370	983	1,660	5,470	8,750	7,620	3,050	982	2,620	831	2,940
11	1,020	1,100	942	3,210	5,480	9,580	6,300	2,580	3,960	1,310	441	1,270
12	1,570	1,030	936	10,000	6,740	16,700	6,640	2,570	5,960	1,320	2,190	4,690
13	1,560	1,050	1,110	7,350	5,630	41,000	2,870	2,530	1,730	1,150	3,090	1,940
14	1,580	956	2,400	5,910	5,200	35,200	1,840	2,340	1,190	2,260	3,870	1,030
15	1,580	1,080	1,260	4,330	5,090	20,500	2,570	1,700	1,700	3,540	4,900	444
16	1,410	1,340	1,050	4,060	4,120	16,900	2,730	1,640	3,340	8,910	3,220	290
17	1,560	2,800	946	2,990	3,970	14,700	3,700	1,580	3,220	9,840	1,520	407
18	1,560	3,010	997	3,050	4,220	23,100	3,120	1,630	1,380	5,630	942	597
19	2,420	2,870	1,060	10,600	7,460	17,400	1,690	1,590	1,710	4,040	2,940	1,500
20	1,560	4,740	1,030	33,900	7,820	14,400	2,200	1,620	1,320	3,200	2,670	2,450
21	1,580	5,660	1,110	21,000	8,500	17,800	1,780	2,630	1,510	2,460	1,940	1,300
22	1,500	5,830	1,060	12,900	8,770	15,300	1,820	2,360	2,890	3,380	3,070	365
23	1,450	5,200	1,140	10,200	6,350	8,980	2,470	1,500	8,670	3,350	3,550	363
24	1,440	5,570	1,040	11,300	5,500	5,440	1,900	1,490	9,520	4,680	1,520	751
25	1,430	2,070	1,180	9,030	4,520	5,900	2,550	1,510	4,320	6,410	380	1,060
26	1,540	1,350	1,160	5,630	4,320	11,500	2,430	2,320	3,150	4,040	2,190	1,270
27	1,420	3,730	1,580	5,580	4,340	11,400	1,890	22,100	2,670	2,800	3,640	1,040
28	1,430	4,630	1,850	6,520	4,240	11,400	3,400	25,700	3,330	3,020	3,070	1,090
29	1,500	3,100	4,460	5,400	-----	10,000	8,130	20,600	4,120	3,590	3,130	424
30	1,540	1,050	3,370	9,320	-----	6,500	50,700	14,000	3,870	2,510	3,780	409
31	1,770	-----	4,110	17,100	-----	3,310	-----	11,900	-----	3,940	1,720	-----
TOTAL	42,160	81,056	44,083	224,760	237,380	474,940	163,470	285,660	100,952	107,980	77,654	43,906
MEAN	1,360	2,702	1,422	7,250	8,478	15,320	5,449	9,215	3,365	3,483	2,505	1,464
MAX	2,420	5,830	4,460	33,900	30,200	48,600	50,700	47,900	9,520	9,840	4,900	4,410
MIN	942	956	878	1,600	3,970	3,310	1,690	1,490	982	1,150	380	290
CFSM	.28	.56	.29	1.50	1.76	3.17	1.13	1.91	.70	.72	.52	.30
IN.	.32	.62	.34	1.73	1.83	3.66	1.26	2.20	.78	.83	.60	.34
CAL YR 1962:	TOTAL 3,136,657			MEAN 8,594	MAX 105,000	MIN 878	CFSM 1.78	IN 24.16				
IAT YR 1963:	TOTAL 1,884,001			MEAN 5,162	MAX 50,700	MIN 290	CFSM 1.07	IN 14.51				

2-4650 Black Warrior River at Tuscaloosa, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	987	2,800	908	2,380	8,130	9,850	13,700	26,500	1,400	1,630	2,350	4,420
2	1,870	1,260	1,800	1,260	7,600	26,000	12,900	27,900	2,900	2,060	1,330	2,310
3	633	409	2,810	2,830	6,150	60,100	12,000	40,600	2,170	1,820	3,350	1,540
4	303	525	1,180	4,220	6,700	40,600	12,100	32,100	1,750	6,290	5,170	1,220
5	726	1,250	1,410	7,660	6,980	37,400	11,900	26,200	2,270	3,140	5,860	1,290
6	970	1,200	1,650	8,700	8,420	35,400	94,300	20,600	2,500	1,410	3,630	277
7	1,030	1,080	515	12,600	9,500	27,500	81,100	20,800	1,780	2,140	3,350	268
8	1,460	1,630	429	12,900	8,180	30,300	49,400	17,000	3,940	1,970	1,020	1,090
9	1,580	1,340	1,320	36,900	5,700	22,400	44,600	15,600	2,620	2,630	463	1,640
10	1,560	682	1,850	34,900	5,180	29,700	31,700	15,700	2,180	2,470	329	1,940
11	1,500	527	5,540	20,600	6,490	27,700	23,700	15,200	2,510	2,530	461	2,160
12	1,000	1,220	15,400	13,000	6,190	21,100	26,200	12,700	2,490	4,040	852	1,470
13	949	1,300	20,200	12,400	6,370	16,800	77,500	10,300	1,200	15,300	3,230	245
14	980	1,220	8,930	10,200	9,070	21,300	107,000	10,300	526	9,160	2,420	536
15	970	1,340	9,360	8,030	9,480	89,600	89,000	10,000	1,250	3,410	1,570	2,230
16	919	794	3,650	8,020	16,800	84,400	46,300	6,750	1,800	6,140	1,900	2,140
17	964	545	4,820	5,320	15,100	60,400	29,600	7,550	7,790	2,120	1,830	2,100
18	1,020	603	3,060	3,680	21,100	33,600	25,300	6,720	2,280	4,410	3,060	2,140
19	956	1,350	3,100	4,020	23,300	26,200	21,400	4,220	1,980	3,520	2,550	1,870
20	997	1,200	2,110	3,400	16,200	26,900	17,600	2,890	1,690	3,820	3,070	324
21	939	1,790	2,450	4,340	13,200	16,500	18,500	2,450	334	7,340	2,610	737
22	963	1,270	1,350	3,240	12,700	13,700	17,300	3,070	715	15,800	860	3,160
23	966	1,460	1,610	2,640	9,320	16,200	16,200	2,840	2,260	7,810	312	3,690
24	939	492	2,560	8,650	8,730	13,800	18,300	1,050	2,520	2,300	2,860	3,230
25	1,520	644	2,330	48,800	9,540	12,500	26,000	1,540	2,320	5,960	2,920	3,660
26	1,040	1,510	2,510	42,800	13,400	29,400	38,300	2,730	2,250	3,190	2,780	1,210
27	851	1,400	2,100	23,500	12,400	39,800	77,200	1,520	1,120	2,540	3,370	200
28	898	1,600	2,140	14,100	11,200	35,300	74,500	946	378	2,860	3,400	175
29	959	2,500	1,530	12,500	11,000	23,300	45,200	2,470	846	3,210	1,700	2,660
30	905	3,540	3,440	8,960	-----	13,400	33,000	1,280	3,290	2,640	418	8,730
31	1,300	-----	1,910	10,500	-----	14,000	-----	652	-----	2,680	1,490	-----
TOTAL	32,636	38,321	114,772	392,590	304,130	955,150	1,191,840	350,178	57,889	142,010	70,705	58,352
MEAN	1,053	1,277	3,702	12,660	10,490	30,810	39,730	11,300	1,930	4,581	2,281	1,845
MAX	1,870	3,540	20,200	48,800	23,300	89,600	107,000	40,600	3,940	15,800	5,860	8,730
MIN	303	365	429	1,260	5,180	9,850	11,900	652	334	1,410	312	175
CFSM	.22	.26	.77	2.62	2.17	6.38	8.23	2.34	.40	.95	.47	.40
IN.	.25	.30	.88	3.02	2.34	7.36	9.18	2.70	.45	1.09	.54	.45

CAL YR 1963: TOTAL 1,902,431

MEAN 5,212

MAX 50,700

MIN 290

CFSM 1.08

IN 14.65

MAY YR 1964: TOTAL 3,708,533

MEAN 10,130

MAX 107,000

MIN 175

CFSM 2.10

IN 28.57

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4,690	2,590	7,780	9,670	7,890	9,450	25,700	5,520	3,360	2,960	1,910	344
2	1,910	1,100	7,530	9,660	8,250	13,300	22,000	2,650	2,770	2,530	1,980	1,580
3	5,820	3,500	5,910	9,750	8,890	13,000	17,900	4,600	2,670	2,360	1,940	3,890
4	7,910	3,540	11,700	9,800	8,960	15,000	14,000	4,950	3,330	1,330	1,230	1,750
5	1,180	4,100	13,000	9,720	8,020	13,200	15,000	4,160	1,830	2,450	961	262
6	1,060	4,020	11,500	8,500	7,130	12,700	23,000	2,440	574	1,440	1,040	237
7	1,700	5,040	8,030	8,810	7,020	12,500	28,900	2,710	5,900	7,870	1,320	1,850
8	1,930	1,640	7,880	8,270	8,360	11,800	22,200	2,600	14,700	3,050	1,190	809
9	2,110	1,440	9,880	6,880	30,500	10,500	14,600	1,850	9,770	1,870	1,380	1,270
10	2,410	2,810	9,680	8,300	46,000	10,500	12,900	2,740	2,500	1,420	1,340	1,920
11	658	2,900	11,500	11,400	53,500	10,000	14,800	3,190	5,800	5,420	1,200	1,720
12	631	3,040	26,900	11,500	74,800	15,700	14,100	3,380	8,720	2,520	1,300	4,090
13	2,860	3,420	24,600	9,760	59,800	22,200	14,300	3,420	5,600	963	1,300	3,320
14	3,530	2,310	14,500	8,750	39,400	16,400	17,600	2,310	4,460	1,180	1,470	4,550
15	5,530	1,470	12,800	7,580	24,300	13,000	11,800	2,470	4,450	946	1,390	2,680
16	5,200	1,050	10,300	4,830	17,400	12,400	9,380	1,360	6,450	5,940	1,260	1,270
17	7,080	2,870	9,690	6,510	22,600	11,400	9,820	826	7,570	2,090	1,340	2,650
18	3,940	3,060	10,300	7,960	22,700	15,300	8,680	1,280	3,760	1,540	2,190	1,430
19	3,950	3,200	11,600	6,300	18,200	20,400	8,330	1,670	2,480	1,480	2,130	539
20	1,880	3,530	10,800	7,830	13,600	14,800	8,990	1,660	1,510	407	2,410	703
21	3,020	3,640	13,000	6,760	11,900	13,000	8,270	2,040	2,750	998	1,760	1,420
22	2,950	1,640	12,200	6,420	9,880	10,300	7,740	3,870	834	2,300	747	2,330
23	3,370	2,270	10,800	18,700	10,300	9,520	7,230	1,880	3,220	3,400	2,030	1,200
24	3,200	4,360	10,400	22,100	8,810	12,500	7,950	1,480	2,920	1,040	1,690	2,060
25	1,340	9,230	9,650	15,800	10,700	18,300	7,330	4,090	1,780	3,220	2,350	1,260
26	1,070	11,000	9,560	13,400	11,200	42,300	6,200	2,150	3,410	2,690	2,120	293
27	3,130	9,340	9,940	10,800	11,300	53,000	8,960	2,640	1,050	2,290	2,940	885
28	3,640	8,020	9,880	9,060	9,150	46,900	7,790	3,420	528	2,190	8,450	1,930
29	4,380	8,900	9,780	9,390	-----	30,200	7,510	3,400	1,550	2,340	918	2,840
30	4,630	8,670	9,740	9,000	-----	34,700	7,060	9,530	1,290	2,070	325	2,920
31	3,980	-----	9,720	8,500	-----	32,500	-----	771	-----	2,010	295	-----
TOTAL	100,689	123,330	350,550	301,710	570,580	574,770	391,040	91,347	117,526	74,314	54,006	54,002
MEAN	3,248	4,111	11,310	9,733	20,380	18,540	13,030	2,947	3,918	2,397	1,742	1,800
MAX	7,910	11,000	26,900	22,100	74,800	53,000	28,900	9,530	14,700	7,870	8,450	4,550
MIN	631	1,050	5,910	4,830	7,020	9,450	6,200	771	528	407	295	237
CFSM	.47	.495	2.34	2.02	8.22	8.44	7.70	.61	.81	.50	.36	.42
IN.	.78	.95	2.70	2.32	4.40	4.43	3.01	.70	.91	.57	.42	.42

CAL YR 1964: TOTAL 4,097,373

MEAN 11,290

MAX 107,000

MIN 175

CFSM 2.32

IN 21.26

MAY YR 1965: TOTAL 2,803,864

MOBILE RIVER BASIN

589

2-4652 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 up-stream from dam and 9 miles northwest of Northport

Drainage area --3 25 sq mi

Records available --August 1956 to September 1965

Gage --Water-stage recorder above earthfill dam with concrete spillway

Average discharge --9 years, 7 32 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (30 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	1700	* 448	2 97	Jan 22, 1963	-	* a 130	-	Apr 27, 1964	-	78	1 58
Mar 31, 1961	0800	71	1 71					Aug 16, 1964	1100	51	1 46
				Jan 9, 1964	0800	55	1 48				
Dec 12, 1961	-	36	1 54	Mar 2, 1964	1800	75	1 57	Oct 15, 1964	1000	32	1 34
Dec 18, 1961	-	* 93	1 90	Mar 15, 1964	-	114	1 72	Jan 23, 1965	1300	30	1 33
Jan 28, 1962	0300	67	1 76	Apr 6, 1964	-	* 153	1 86	Feb 12, 1965	0400	51	1 46
Apr 12, 1962	1100	31	1 50	Apr 13, 1964	-	-	-	Apr 7, 1965	1500	* 62	1 52

a Maximum daily (outlet valve open)

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 17-20, 1961	1 4	-	1964	Oct 27, 28, 1963	0 50	-
1962	Several days	1 2	-	1965	Sept 26-28, 1965	1.4	-
1963	Apr 24 to May 26	a 0	-				

a Lake being refilled

1956-65. Maximum discharge, 448 cfs Feb 21, 1961 (gage height, 2 97 ft), no flow Apr 24 to May 26, 1963 (lake being refilled), minimum unregulated flow, 0 30 cfs Sept '7, 1957 (gage height, 0 94 ft)

Remarks --Records fair except those for periods of no gage-height record and indefinite stage-discharge relation, which are poor. Flow regulated by storage in Tuscaloosa County Lake

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.6	8.1	6.5	12	5.5	14	38	8.7	3.2	4.5	2.8	3.6
2	2.8	7.0	5.5	10	6.0	12	25	6.1	3.2	4.5	2.8	3.6
3	2.8	6.0	4.0	8.7	7.6	10	19	7.0	3.2	7.0	2.8	3.2
4	2.8	5.0	4.0	8.1	6.5	9.4	16	6.5	3.6	9.3	2.4	3.2
5	5.6	4.0	3.6	7.0	6.0	9.2	12	6.0	3.6	7.0	2.4	3.2
6	11	4.0	4.0	6.5	5.5	13	11	6.0	3.6	5.5	2.0	3.6
7	11	3.6	4.5	6.0	6.5	26	9.9	6.0	3.6	5.0	2.0	4.5
8	9.9	3.2	5.0	6.0	6.5	26	8.7	6.6	3.6	4.5	2.0	4.0
9	7.6	3.6	5.0	5.5	6.0	19	12	18	3.6	4.5	2.0	3.6
10	6.5	7.6	5.0	5.0	5.5	15	11	14	5.5	3.6	2.0	3.2
11	5.5	6.0	8.7	5.0	5.5	12	9.9	11	5.0	5.0	2.0	3.2
12	5.0	5.0	6.5	5.0	5.0	11	20	9.9	4.5	14	2.0	3.2
13	4.0	4.5	5.0	5.5	5.0	14	17	8.7	4.0	17	2.0	2.8
14	4.0	4.0	4.0	7.0	6.4	12	13	7.6	4.0	14	2.0	2.8
15	7.0	4.0	5.5	7.6	8.1	10	11	7.0	6.0	11	2.8	2.4
16	7.0	5.0	5.0	7.0	7.0	9.3	9.9	6.0	5.0	10	5.5	1.7
17	6.5	5.0	4.5	6.5	6.5	9.3	8.1	5.5	4.0	10	6.5	1.4
18	5.5	5.0	4.5	6.0	9.4	18	7.6	5.0	4.0	14	5.5	1.4
19	5.5	4.0	4.0	7.6	11	15	7.6	5.0	4.0	9.9	5.0	1.4
20	6.5	4.0	6.0	7.6	29	14	7.0	4.5	9.7	8.1	4.5	1.4
21	5.5	4.0	10	6.5	298	26	6.5	4.0	12	7.6	4.0	1.7
22	5.0	4.5	8.1	5.5	302	19	6.5	4.5	8.7	6.5	3.2	2.0
23	4.5	7.6	6.5	5.5	104	14	7.0	6.5	7.0	6.0	3.2	2.0
24	4.0	7.6	5.5	5.5	49	12	7.0	5.5	6.0	5.5	2.8	2.0
25	4.0	7.6	5.0	6.0	38	9.9	7.0	5.0	6.5	5.0	2.8	2.4
26	4.0	7.0	4.5	8.7	26	8.7	9.3	5.5	9.9	4.5	2.8	2.4
27	4.5	6.5	4.0	8.1	19	8.7	17	4.5	9.3	4.5	2.8	2.0
28	4.5	8.7	4.0	7.6	17	14	14	4.0	7.0	4.0	2.8	2.0
29	5.0	12	4.5	6.5	17	15	10	3.6	6.0	3.6	2.8	1.7
30	6.0	8.7	6.0	6.0	17	17	8.7	3.6	5.0	3.2	2.8	1.7
31	10	-----	9.3	5.5	-----	63	-----	3.6	-----	3.2	-----	-----
TOTAL	177.1	172.8	168.2	211.0	1,007.5	485.5	366.7	207.4	164.3	222.0	94.2	77.3
MEAN	5.71	5.76	5.43	6.81	36.0	15.7	12.2	6.69	5.48	7.16	3.04	2.58
MAX	11	12	10	12	302	63	38	18	12	17	6.5	4.5
MIN	2.8	3.2	3.6	5.0	5.0	8.7	6.5	3.6	3.2	3.2	2.0	1.7
CFSM	1.76	1.77	1.67	2.09	11.1	4.82	3.76	2.06	1.69	2.20	.93	.79
IN.	2.03	1.98	1.92	2.41	11.5	5.56	4.20	2.37	1.88	2.54	1.08	.88

CAL YR 1960: TOTAL 2,799.7

MEAN 7.65

MAX 47

MIN 1.4

CFSM 2.35

IN 32.04

WAT YR 1961: TOTAL 3,354.0

MEAN 9.19

MAX 302

MIN 1.4

CFSM 2.83

IN 38.38

MOBILE RIVER BASIN

2-4652 Lake Creek near Northport, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.7	4.5	4.1	8.7	14	9.9	17	6.6	5.3	3.4	3.8	1.7
2	3.8	4.5	4.1	7.1	12	8.7	12	6.1	5.7	3.1	3.1	1.7
3	4.9	6.1	4.1	6.6	10	8.7	9.9	5.3	4.9	3.1	3.4	1.4
4	4.5	7.6	4.2	6.1	9.3	8.1	8.7	4.9	4.1	3.1	3.4	1.4
5	3.8	8.1	4.5	12	8.7	7.6	11	4.5	3.8	2.7	3.8	1.4
6	3.8	6.6	5.4	22	7.6	7.1	19	4.5	3.8	2.4	3.8	1.2
7	3.8	5.3	8.0	18	7.1	6.6	17	4.5	3.1	3.4	1.4	1.4
8	3.4	4.5	6.5	15	6.6	7.1	13	4.1	4.9	3.4	3.1	1.7
9	3.4	4.1	6.0	12	7.1	12	10	3.8	5.8	3.1	2.7	1.7
10	3.4	3.8	11	10	7.1	15	8.7	3.8	12	2.7	2.4	2.0
11	3.4	3.8	10	8.7	6.6	19	8.7	3.8	8.7	2.0	1.7	2.4
12	3.4	3.8	30	7.1	6.1	17	31	3.8	9.9	2.0	1.4	2.4
13	3.1	4.5	25	6.6	6.1	13	25	3.4	11	2.0	1.4	2.4
14	2.7	7.6	15	6.1	6.6	12	18	3.4	7.6	2.0	1.7	15
15	2.4	8.7	16	12	7.6	9.9	13	3.1	5.7	2.0	1.7	18
16	2.0	11	12	12	11	9.3	10	3.4	4.5	3.1	1.7	12
17	2.0	7.6	25	9.9	9.9	7.6	9.3	4.5	4.1	4.5	1.7	9.3
18	2.4	6.1	80	9.9	9.3	7.1	8.1	4.1	3.8	4.5	1.4	6.6
19	2.7	5.3	50	18	8.7	7.1	7.6	3.8	5.2	3.8	1.2	5.7
20	2.4	4.5	25	16	7.6	7.6	7.1	3.4	9.9	3.1	1.2	4.9
21	2.4	4.1	16	13	9.3	9.3	6.6	3.1	7.1	2.7	2.0	3.8
22	2.4	4.2	12	11	18	8.1	6.1	2.7	6.1	2.4	2.7	3.4
23	2.7	11	9.9	19	19	7.6	6.1	2.7	4.9	2.0	3.1	3.1
24	2.7	9.3	8.1	18	18	7.1	6.6	2.7	4.1	2.7	3.1	2.7
25	2.7	7.1	7.1	15	15	10	6.6	2.7	4.1	5.3	2.7	2.7
26	2.7	5.7	6.1	17	13	11	6.6	2.7	3.4	6.6	2.4	3.1
27	2.7	5.3	7.1	60	12	9.3	6.1	2.7	4.1	4.9	2.4	3.1
28	3.1	4.9	7.1	55	12	8.1	8.1	2.4	3.8	4.5	2.0	2.7
29	3.4	4.5	6.6	34	-----	7.1	8.7	2.4	3.8	4.1	1.7	2.4
30	4.1	4.1	5.7	23	-----	7.1	7.6	4.5	3.8	3.8	1.7	2.4
31	4.5	-----	6.6	17	-----	16	-----	5.7	-----	3.8	1.7	-----
TOTAL	97.4	178.2	438.2	505.8	282.3	301.1	333.2	119.1	170.4	101.9	73.5	124.0
MEAN	3.14	5.94	14.1	16.3	10.2	9.71	11.1	3.84	5.68	3.29	2.35	4.10
MAX	4.9	11	80	60	19	19	31	6.6	9.9	11.2	3.8	18
MIN	2.0	3.8	4.1	6.1	6.1	6.1	2.4	3.4	2.0	1.2	1.2	1.2
CFSM	.97	1.83	4.35	5.02	3.14	2.99	3.42	1.18	1.75	1.01	.73	1.27
IN.	1.11	2.04	5.01	5.79	3.26	3.45	3.81	1.36	1.95	1.17	.84	1.42

CAL YR 1961: TOTAL 3,549.7 MEAN 9.73 MAX 302 MIN 1.4 CFSM 2.99 IN 40.62
 MAY YR 1962: TOTAL 2,726.1 MEAN 7.47 MAX 80 MIN 1.2 CFSM 2.30 IN 31.22

Note --No gage-height record Dec 2-20

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.4	3.1	4.5	3.4	4.8	-----	-----	-----	3.3	4.9	4.3	1.0
2	3.8	3.1	4.1	3.4	4.8	-----	-----	-----	2.8	4.3	3.8	1.0
3	3.8	3.1	4.1	3.1	4.8	-----	-----	-----	2.4	3.8	3.3	1.0
4	3.8	3.1	4.5	2.7	28	-----	-----	-----	2.0	3.3	2.8	2.5
5	3.8	3.1	4.9	2.7	4.8	-----	-----	-----	2.0	2.8	2.4	3.4
6	3.8	3.1	4.9	3.1	9.1	-----	-----	-----	2.4	2.8	2.4	2.4
7	3.8	3.1	3.8	3.1	4.8	-----	-----	-----	2.4	2.8	2.4	1.7
8	4.1	3.8	3.8	3.1	4.8	-----	-----	-----	2.4	3.3	2.0	1.4
9	4.9	4.5	3.4	3.1	4.8	-----	-----	-----	2.4	4.3	2.0	1.2
10	4.9	4.9	2.7	3.4	4.8	-----	-----	-----	2.0	3.3	1.7	1.0
11	4.5	4.9	2.7	7.6	-----	-----	30	-----	1.7	2.8	2.0	1.0
12	4.1	4.9	2.4	9.3	-----	-----	30	-----	1.4	2.4	6.6	1.2
13	4.1	4.9	2.0	6.6	-----	-----	30	-----	1.4	4.3	11	1.7
14	4.5	4.1	2.4	4.5	-----	-----	30	-----	1.0	16	11	1.2
15	4.1	3.1	2.4	4.1	-----	-----	30	-----	1.0	14	6.8	1.0
16	4.1	3.1	2.7	3.8	-----	-----	30	-----	1.0	34	4.9	1.0
17	4.5	4.9	2.7	3.4	-----	-----	30	-----	1.8	33	3.3	1.0
18	4.1	8.7	2.7	4.1	-----	-----	30	-----	6.7	33	3.8	1.0
19	3.8	6.1	2.7	8.2	30	-----	-----	-----	52	24	2.4	1.0
20	3.8	5.7	3.1	12	-----	-----	-----	-----	24	12	2.4	1.0
21	3.8	6.6	3.4	35	-----	-----	-----	-----	15	12	2.4	1.0
22	3.8	5.7	3.8	130	-----	-----	-----	-----	23	8.3	2.4	1.0
23	3.4	4.5	3.8	82	-----	-----	-----	-----	34	6.1	2.0	.60
24	3.1	3.8	4.9	-----	-----	-----	-----	-----	27	4.9	1.7	.50
25	3.1	4.1	6.6	-----	-----	-----	-----	-----	16	5.5	1.7	.40
26	2.7	4.1	6.1	4.8	-----	-----	-----	-----	11	6.1	2.0	.50
27	2.7	4.1	4.9	4.8	-----	-----	-----	5.0	9.9	6.1	2.4	1.2
28	2.7	4.5	4.1	-----	-----	-----	-----	9.9	9.1	4.9	2.4	1.7
29	2.7	4.9	6.6	-----	-----	-----	-----	8.3	8.3	4.3	2.0	1.7
30	3.1	4.9	5.3	-----	-----	-----	-----	6.1	6.1	4.9	2.0	1.7
31	3.1	-----	4.1	-----	-----	-----	-----	4.3	-----	4.9	1.7	-----
TOTAL	114.9	132.5	120.1	725.7	218.80	9.30	6.80	33.6	275.5	279.1	104.0	38.00
MEAN	3.71	4.42	3.87	23.4	7.81	30	.23	1.08	9.18	9.00	3.35	1.27
MAX	4.9	8.7	6.6	130	-----	-----	-----	9.9	9.9	34	11	3.4
MIN	2.4	3.1	2.0	2.7	-----	-----	-----	-----	1.0	2.4	1.7	.40
CFSM	1.14	1.36	1.19	7.20	2.40	.09	.07	.33	2.83	2.77	1.03	.39
IN.	1.31	1.52	1.37	8.30	2.50	.11	.08	.38	3.15	3.19	1.19	.43

CAL YR 1962: TOTAL 2,381.8 MEAN 6.53 MAX 60 MIN 1.2 CFSM 2.01 IN 27.26
 MAY YR 1963: TOTAL 2,058.30 MEAN 5.64 MAX 130 MIN 0 CFSM 1.74 IN 23.88

Note --Indefinite stage-discharge relation Jan 21 to Apr 25

2-4652 Lake Creek near Northport, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.7	1.7	6.1	8.3	6.8	6.8	8.6	10	5.7	9.2	5.2	4.7
2	1.7	2.4	5.5	7.5	5.8	40	7.6	17	4.7	12	4.7	4.2
3	1.7	2.4	5.5	6.1	4.9	44	7.0	14	4.2	14	4.7	3.2
4	1.7	2.4	4.3	7.5	4.3	30	6.5	12	4.2	9.9	5.4	3.2
5	1.7	2.0	3.8	9.9	5.8	29	25	11	4.2	7.2	11	3.7
6	1.4	2.0	3.3	13	9.1	18	133	9.6	10	5.7	14	4.2
7	1.4	1.7	2.8	19	7.5	23	75	8.7	9.9	4.7	11	3.7
8	1.4	1.4	3.8	14	6.1	25	30	8.3	7.8	5.2	9.9	3.7
9	1.4	1.0	2.8	45	4.9	24	21	7.6	6.2	9.2	7.2	3.7
10	1.4	1.0	2.8	27	4.9	26	18	7.4	5.7	7.2	6.2	4.2
11	1.4	1.0	1.6	16	4.9	19	16	7.2	4.7	9.5	4.7	3.7
12	1.4	1.4	20	13	4.3	11	26	7.2	4.2	12	4.7	3.2
13	1.4	1.4	16	9.9	5.5	8.5	70	7.2	3.7	9.2	4.2	2.2
14	1.4	1.4	19	8.3	7.5	25	41	7.2	3.2	7.2	3.7	2.2
15	1.0	1.4	12	6.8	9.1	114	26	7.2	2.7	6.2	7.2	2.2
16	1.0	1.7	7.5	6.1	12	70	21	6.2	2.7	5.2	39	2.2
17	1.0	2.0	6.1	9.1	30	18	6.2	2.7	4.7	24	2.2	2.2
18	.80	2.4	5.5	6.1	14	13	16	5.2	2.2	4.2	14	2.2
19	.80	2.4	4.3	6.1	13	13	14	4.8	2.2	4.2	11	3.2
20	1.0	2.8	3.8	6.1	9.9	12	12	4.7	1.8	3.7	7.8	3.7
21	1.4	3.3	3.8	5.5	8.3	10	11	4.6	1.8	4.7	7.2	4.2
22	1.7	4.1	4.3	5.5	6.8	8.8	10	4.5	1.8	4.7	6.2	4.2
23	1.7	7.5	6.8	5.5	8.0	9.0	16	4.5	1.8	9.7	6.7	3.7
24	1.7	6.8	5.6	16	4.9	7.6	11	4.4	2.7	5.2	7.8	3.2
25	1.4	5.5	5.2	24	8.6	15	18	4.3	3.2	6.2	6.7	2.2
26	.80	4.9	4.9	15	9.1	30	28	4.2	3.2	5.2	5.7	1.8
27	.50	4.3	4.9	13	8.3	20	65	4.7	3.2	4.7	5.2	1.8
28	.50	8.2	4.3	12	7.5	16	43	5.2	3.2	4.2	5.2	4.2
29	2.8	19	4.3	9.9	6.1	13	19	4.7	3.2	4.2	5.2	9.2
30	2.4	9.9	3.8	7.5	-----	12	13	4.2	6.7	4.7	5.2	12
31	2.0	-----	5.1	7.5	-----	10	-----	4.7	-----	4.7	4.7	-----
TOTAL	43.60	109.4	203.9	364.5	214.5	731.7	810.7	218.7	123.5	203.6	265.4	112.0
MEAN	1.41	3.65	6.58	11.8	7.40	23.6	25.3	7.0	4.12	6.59	8.56	3.73
MAX	2.8	19	20	45	14	114	133	17	10	14	39	12
MIN	.50	1.0	2.8	5.5	4.3	6.8	6.5	4.2	1.8	3.7	3.7	1.8
CFSM	.43	1.12	2.02	3.62	2.28	7.26	8.40	2.17	1.27	2.02	2.63	1.15
IN.	.50	1.25	2.33	4.17	2.45	8.37	9.37	2.50	1.41	2.33	3.04	1.28

CAL YR 1963: TOTAL 2,047.70 MEAN 5.61 MAX 130 MIN 0
 MAY YR 1964: TOTAL 3,409.50 MEAN 9.32 MAX 133 MIN .50 CFSM 1.73 IN 23.43
 CFSM 2.87 IN 39.02

Note --No gage-height record Mar 12 to May 14

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9.2	5.7	6.2	6.2	6.7	9.9	9.9	5.7	3.2	3.7	3.2	3.2
2	7.2	5.7	5.7	6.7	6.7	13	9.2	5.7	2.7	3.2	3.2	3.2
3	6.7	5.7	5.7	6.7	6.2	12	9.2	5.2	2.7	3.2	2.7	4.0
4	8.6	5.7	12	6.2	6.2	12	9.2	5.2	2.7	3.2	2.7	4.0
5	11	5.7	9.9	5.7	5.7	11	8.6	5.2	2.2	4.2	3.2	3.0
6	8.6	5.7	7.9	5.7	6.7	9.9	7.9	4.7	3.7	6.0	3.7	3.0
7	7.2	6.2	6.7	5.7	9.2	9.2	41	4.7	8.6	8.0	4.2	2.0
8	6.7	6.2	6.2	5.7	9.2	8.6	39	4.7	7.9	7.0	5.7	2.0
9	6.7	6.2	6.2	6.7	11	7.9	24	4.7	6.2	5.7	5.2	2.0
10	6.2	6.2	6.2	13	25	7.2	15	4.7	6.2	5.7	5.2	2.0
11	6.2	6.2	17	9.9	30	6.7	12	4.2	11	6.2	4.2	3.0
12	6.7	6.2	24	7.9	44	11	11	4.7	11	5.7	4.7	7.0
13	7.2	6.2	14	7.2	26	11	9.9	4.2	15	4.7	4.7	6.0
14	9.7	6.2	11	7.2	18	9.2	7.9	3.7	19	4.7	4.2	5.0
15	26	6.2	9.2	6.7	13	9.2	7.9	3.7	12	12	4.2	4.0
16	20	6.2	7.9	6.7	11	8.6	8.6	3.7	11	16	3.2	3.0
17	13	6.2	7.9	6.2	16	9.2	7.2	3.7	9.9	11	3.2	2.0
18	11	6.7	9.9	5.7	14	11	6.7	3.2	7.9	8.6	3.2	2.0
19	9.2	8.6	8.6	5.7	12	8.6	7.9	3.7	5.7	6.7	4.2	2.0
20	7.2	9.9	11	5.7	11	7.2	7.2	3.7	4.7	5.2	3.7	2.7
21	5.7	7.2	9.9	6.2	9.2	6.2	6.7	3.7	4.2	4.2	3.2	2.2
22	5.2	6.2	9.2	7.2	8.6	6.2	6.7	3.7	3.7	3.7	2.7	2.2
23	4.7	5.2	8.6	27	7.9	6.7	6.7	3.7	3.7	3.2	2.7	2.7
24	4.7	9.6	8.6	22	8.6	9.9	6.2	4.2	9.2	3.7	2.7	2.2
25	4.2	14	8.6	14	9.2	14	5.7	4.2	7.2	4.7	2.7	1.8
26	4.2	11	7.9	11	7.9	26	7.3	3.2	5.7	4.7	2.2	1.4
27	4.7	7.9	6.7	9.2	7.2	20	13	5.2	4.7	5.2	4.0	1.4
28	5.7	14	6.2	7.9	6.7	14	9.2	6.2	4.2	4.7	9.2	1.4
29	6.2	11	5.7	7.2	-----	13	7.2	5.2	3.7	4.2	6.7	1.8
30	6.2	8.6	5.7	7.2	-----	13	6.2	4.2	3.2	3.7	5.2	4.2
31	5.7	-----	6.2	6.2	-----	11	-----	3.7	-----	3.2	3.7	-----
TOTAL	251.5	222.3	276.5	262.3	352.9	332.4	334.7	136.2	202.8	175.9	124.0	86.4
MEAN	8.11	7.41	8.92	8.40	12.6	10.7	11.1	4.49	6.8	5.7	4.0	2.89
MAX	26	14	24	27	44	26	41	6.2	19	16	9.2	7.0
MIN	4.2	5.2	5.7	5.7	5.7	6.2	5.7	3.2	2.2	3.2	2.2	1.4
CFSM	2.50	2.28	2.74	2.60	3.88	3.30	3.43	1.35	2.08	1.75	1.23	.89
IN.	2.88	2.54	3.16	3.00	4.04	3.80	3.82	1.56	2.32	2.01	1.42	.99

CAL YR 1964: TOTAL 3,802.9 MEAN 10.4 MAX 133 MIN 1.8
 MAY YR 1965: TOTAL 2,757.4 MEAN 7.55 MAX 44 MIN 1.4 CFSM 3.20 IN 43.52
 CFSM 2.32 IN 31.55

MOBILE RIVER BASIN

2-4652 05 Jay Creek near Coker, Ala

Location --Lat 33°13'30", long 87°41'50", in NW 1/4 sec 16, T 21 S, R 11 W, on downstream side of two 12-ft culverts on County Highway 2, about 1.6 miles southwest of Coker

Drainage area --3.56 sq mi

Records available --October 1963 to September 1965

Gage --Water-stage recorder. Altitude of gage is 170 ft (from topographic map). Prior to Oct 1, 1964 at datum 2.00 ft lower

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (200 cfs), water years 1964-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Jan 9, 1964	0200	266	4.68	Apr 6, 1964	0010	* 568	5.19	Feb 12, 1965	0100	224	5.04
Mar 2, 1964	1330	491	5.23	Apr 13, 1964	1030	286	4.63	Apr 7, 1965	1100	* 430	5.80
Mar 15, 1964	0230	314	4.88	Apr 27, 1964	0115	365	4.86				

Annual minimum discharge, water years 1964-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1964	-	-	-	1965	Aug 15, 1965	0.30	-

Remarks --Records good above 50 cfs and fair below

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1			1.2	2.0	4.2	9.0	6.5	13	1.1	2.0	1.1	.60
2			2.2	2.0	3.0	14.4	5.7	23	.90	1.5	.80	.60
3			1.8	4.5	3.0	25	5.7	13	.90	1.4	.90	.60
4			1.5	9.9	3.3	36	10	8.2	.80	1.1	1.6	.60
5			1.3	5.1	11	19	26	5.7	.80	1.1	3.4	.60
6			1.3	15	10	6.1	14.5	4.8	3.4	.80	1.5	.60
7			1.3	10	7.3	22	34	3.6	1.4	.80	1.5	.60
8			2.0	11	5.7	11	23	3.0	1.2	1.2	.80	.60
9			1.5	74	5.1	19	18	2.8	1.0	1.7	.60	.60
10			1.3	19	4.8	26	15	2.5	1.0	.90	.60	.60
11			19	12	3.9	13	13	2.2	.90	1.5	.60	.60
12			7.1	10	3.9	10	30	2.3	1.0	2.1	.60	.60
13			8.5	8.2	7.5	9.0	94	2.3	.90	1.5	.60	.50
14			10	6.5	6.9	45	37	1.8	.90	1.0	.50	.50
15		.80	4.8	5.7	18	117	21	1.8	.90	.90	.50	.60
16	.40		2.8	5.1	12	26	18	1.5	.80	.90	7.2	.60
17			2.5	4.5	10	17	14	1.3	.70	.90	1.9	.60
18			2.2	3.9	32	13	13	1.3	.60	.80	1.2	.60
19			1.9	3.3	12	14	12	1.2	.60	.80	1.1	.60
20			2.0	2.8	9.0	12	11	1.2	.60	.80	1.0	.60
21			1.8	2.8	7.5	9.7	10	1.2	.60	1.1	.90	.60
22			2.4	2.8	6.1	8.2	9.0	1.2	.60	1.2	1.1	.40
23			4.1	2.8	5.4	7.5	8.2	1.2	.80	1.0	1.1	.30
24			2.0	41	4.8	6.9	9.2	1.2	2.9	.80	1.1	.30
25			1.9	24	15	15	12	1.2	1.0	.90	.80	.30
26			1.8	11	10	37	41	1.2	.80	.80	.70	.30
27			1.5	9.0	7.8	14	86	1.1	.80	.80	.70	.30
28			1.4	7.3	7.3	11	31	1.1	.80	.80	.60	.40
29		6.9	1.3	6.1	6.1	9.0	22	1.1	.70	.80	.60	1.0
30		1.4	1.2	4.8	-----	7.5	16	1.1	3.2	.90	.60	1.0
31		-----	1.2	5.7	-----	7.3	-----	1.1	-----	1.0	.60	-----
TOTAL	12.40	35.70	96.8	331.8	242.6	726.2	796.3	109.2	32.60	33.80	36.80	16.70
MEAN	.40	1.19	3.12	10.7	8.37	23.4	26.5	3.52	1.09	1.09	1.19	.56
MAX	-	6.9	19	74	32	144	145	23	3.4	2.1	7.2	1.0
MIN	-	-	1.2	2.0	3.0	6.1	5.7	1.1	.60	.80	.50	.30
CFSM	.11	.33	.88	3.01	2.35	6.58	7.46	.99	.31	.31	.33	.16
IN.	.13	.37	1.01	3.47	2.53	7.59	8.32	1.14	.34	.35	.38	.17
CAL YR 1963: TOTAL 2,470.90 MEAN 6.75 MAX 145 MIN .30 CFSM 1.90 IN 25.61												
WAT YR 1964: TOTAL 2,470.90 MEAN 6.75 MAX 145 MIN .30 CFSM 1.90 IN 25.61												

Note --No gage-height record Oct 1 to Nov 26

2-4652 05 Jay Creek near Coker, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.90	.70	1.7	2.3	3.6	16	7.9	2.7	.60	.50	.40	.60
2	.90	.70	1.5	2.5	3.3	15	6.7	2.3	.60	.50	.40	.70
3	1.4	.70	1.7	2.5	2.7	10	7.6	2.2	.60	.50	.40	.90
4	4.0	.70	12	2.2	2.2	11	7.6	2.0	.60	.60	.40	.70
5	1.4	.60	3.4	2.2	2.2	8.5	6.2	1.7	.60	.60	.40	.70
6	.70	.70	2.3	2.2	3.4	7.0	5.7	1.5	2.0	.70	.40	.60
7	.60	.70	2.0	2.2	3.6	6.0	106	1.5	3.6	1.6	.40	.50
8	.60	.80	1.9	2.2	2.7	5.2	42	1.4	1.4	.70	.90	.50
9	.70	.70	1.7	2.9	4.8	4.9	24	1.2	.80	.60	.60	.50
10	.70	.70	1.5	10	63	4.4	19	1.2	2.3	.60	.50	.50
11	.80	.70	28	4.0	40	4.0	16	1.1	5.8	.60	.40	.50
12	.90	.70	19	3.1	70	14	14	.90	2.0	.50	.50	2.1
13	1.1	.70	8.5	2.9	25	8.5	12	.90	14	.50	.60	.60
14	1.7	.70	5.7	2.5	20	6.7	10	.80	9.6	.60	.50	.50
15	10	.70	4.4	2.5	16	5.7	9.4	.80	2.9	7.1	.40	.50
16	2.7	.60	4.0	2.5	16	4.9	8.5	.80	2.5	1.8	.40	.50
17	1.5	.60	4.7	2.2	25	8.0	7.3	.80	2.9	.60	.40	.50
18	1.2	.70	5.7	2.2	15	6.7	6.7	.80	1.2	.60	.40	.50
19	.90	1.8	4.4	2.0	10	4.9	6.5	.80	.80	.50	.40	.50
20	.80	2.7	11	2.0	8.2	4.4	5.4	.80	.70	.50	.40	.50
21	.80	1.1	6.2	2.0	7.0	4.2	4.9	.80	.70	.50	.40	.50
22	.80	.90	4.4	7.2	6.0	4.0	4.4	.80	.70	.50	.40	.50
23	.80	.90	3.8	60	5.7	5.6	3.8	.70	.60	.40	.40	.60
24	.80	6.5	3.4	17	9.0	7.0	3.6	.70	3.2	.50	.40	.60
25	.80	3.3	3.4	11	7.3	8.9	3.4	.70	.80	.50	.40	.50
26	.80	2.2	3.1	7.0	5.4	33	6.3	.70	.70	.70	.40	.60
27	.80	1.7	2.5	5.7	4.7	15	7.9	1.0	.70	.60	2.3	.60
28	.80	9.0	2.5	4.9	4.7	10	4.4	.90	.60	.50	5.1	.60
29	.90	2.9	2.3	4.0	-----	14	3.4	.70	.60	.50	.90	.60
30	.80	1.9	2.3	3.3	-----	14	3.1	.70	.60	.50	.70	1.5
31	.70	-----	2.3	3.1	-----	10	-----	.60	-----	.40	.60	-----
TOTAL	42.30	47.30	161.3	182.3	386.5	281.5	373.7	34.50	64.70	25.80	21.20	19.50
MEAN	1.36	1.58	5.20	5.88	13.5	9.08	12.5	1.11	2.16	.83	.68	.65
MAX	10	9.0	28	60	70	33	106	2.7	14	7.1	5.1	2.1
MIN	.60	.60	1.5	2.0	2.2	4.0	3.1	.60	.60	.40	.40	.50
CFSM	.38	.44	1.46	1.65	3.88	2.55	3.50	.31	.61	.23	.19	.18
IN.	.44	.49	1.69	1.90	4.04	2.94	3.90	.36	.68	.27	.22	.20
CAL YR 1964: TOTAL	2,576.90			MEAN 7.04								
MAT YR 1965: TOTAL	1,640.60			MEAN 4.49		MAX 145	MIN .30	CFSM 1.98	IN 26.92			
						MAX 106	MIN .40	CFSM 1.26	IN 17.14			

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.7	8.0	17	26	138	79	42	246	37	38	44	5.8
2	5.7	9.4	16	22	91	164	38	101	26	33	35	4.7
3	7.1	8.4	16	21	181	115	35	54	20	29	29	4.5
4	6.7	8.7	15	20	261	94	33	41	16	29	22	4.2
5	6.7	8.4	16	20	193	90	30	34	14	22	15	6.4
6	6.3	9.7	17	20	100	192	31	29	14	16	8.4	7.0
7	6.0	10	18	22	72	315	54	25	12	11	7.4	5.3
8	6.4	10	18	22	61	220	69	22	11	10	7.4	4.2
9	11	20	18	21	53	129	45	18	10	56	20	3.3
10	12	28	18	20	47	78	36	16	9.4	41	16	2.4
11	9.7	22	17	37	47	67	33	14	8.4	27	9.0	2.4
12	8.0	16	16	94	58	125	31	14	8.4	17	15	2.3
13	7.4	14	16	104	58	262	33	22	7.7	26	41	2.1
14	6.4	14	17	42	4.5	39	32	6.7	59	45	2.4	4.5
15	6.4	14	16	40	39	187	25	20	5.6	40	39	2.4
16	6.4	12	19	31	35	108	23	16	6.2	37	29	3.2
17	7.4	11	22	28	32	96	22	14	6.7	37	21	4.1
18	7.4	16	21	31	33	153	22	12	16	13	84	4.5
19	7.1	24	19	176	102	164	21	10	21	6.0	7.7	4.0
20	7.4	27	18	365	184	172	30	10	29	39	7.4	3.0
21	7.4	48	18	559	129	212	82	10	54	33	7.1	2.6
22	10	66	27	273	69	139	93	10	153	33	5.6	1.9
23	13	92	36	123	86	47	84	9.0	254	27	4.7	1.5
24	9.7	27	29	77	55	69	31	8.0	194	22	4.1	1.2
25	8.4	20	43	54	65	62	28	10	112	27	3.2	1.1
26	8.0	17	48	53	57	108	58	68	68	29	5.5	1.0
27	7.7	16	34	62	47	140	170	82	24	24	7.7	7.9
28	7.7	17	27	55	40	94	59	233	77	20	24	24
29	7.7	16	32	44	-----	63	147	252	56	14	17	24
30	8.0	16	43	72	-----	54	261	162	45	25	12	19
31	8.0	-----	35	127	-----	46	-----	55	-----	53	-----	-----
TOTAL	241.8	585.6	722	2,711	2,346	4,234	1,549	1,735.0	1,380.1	1,009	546.5	162.2
MAX	7.80	19.3	23.5	87.5	83.8	337	51.6	96.0	46.0	32.5	59.6	24.1
MIN	13	6	48	559	261	342	261	252	254	84	45	24
MIN	4.7	8.0	15	20	32	46	21	8.0	5.6	10	3.2	1.0
CFSM	-11	-27	-32	1.21	1.16	1.89	-72	-78	-94	-45	-24	-07
IN.	-12	-30	-37	1.40	1.21	2.18	-80	-89	-71	-52	-28	-08
CAL YR 1962: TOTAL	29,510.7			MEAN 80.9								
MAX YR 1963: TOTAL	17,222.2			MEAN 47.2								
					MAX 3,100							
					559		MIN 1.0		CFSM 1.12	IN 15.20		
									.65	IN 8.87		

2-4655 Fivemile Creek near Greensboro, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	11	3.9	48	25	53	71	68	202	10	6.9	21	5.3
2	7.8	9.0	26	37	53	325	64	158	10	36	51	4.8
3	6.8	9.5	25	38	42	1,070	61	169	9.2	15	47	4.0
4	5.3	7.8	25	50	35	641	59	164	8.4	11	22	3.8
5	4.4	7.6	21	58	38	368	65	113	9.0	9.2	51	3.7
6	4.1	9.8	18	54	72	293	1,840	80	10	7.4	86	3.7
7	3.7	11	16	63	79	209	2,000	63	22	6.3	119	3.5
8	3.7	10	18	61	56	151	820	54	19	5.5	93	3.4
9	3.2	9.2	21	123	43	133	549	47	13	5.8	50	3.3
10	3.3	9.2	21	149	37	149	361	43	10	7.8	26	3.0
11	3.2	9.8	21	118	38	167	251	40	9.2	7.4	16	3.0
12	2.8	9.5	47	60	40	132	311	40	34	9.0	13	3.3
13	3.3	8.1	63	47	42	94	1,410	55	21	12	17	3.5
14	4.3	8.1	83	39	77	101	1,340	52	13	11	19	5.2
15	2.8	9.2	90	31	111	602	637	37	9.8	8.7	13	4.7
16	2.7	9.2	53	29	147	948	384	29	7.8	6.5	12	3.4
17	2.7	10	34	30	149	272	455	24	5.3	21	3.9	4.6
18	2.0	10	26	31	178	260	212	21	6.0	4.7	19	4.0
19	2.1	11	23	29	244	186	171	19	5.8	3.7	13	8.7
20	3.7	11	21	28	228	173	145	17	5.3	3.0	9.5	11
21	4.6	11	20	28	123	173	121	16	5.0	2.8	8.1	8.4
22	2.4	12	21	26	84	143	102	14	4.6	2.7	7.6	6.5
23	2.6	26	25	24	67	110	90	13	13	2.7	14	5.6
24	2.3	78	31	64	59	91	79	15	9.0	3.5	20	5.2
25	3.4	27	28	209	94	86	76	14	9.2	4.3	13	4.6
26	4.2	19	24	310	156	166	168	12	9.0	11	9.5	4.1
27	4.6	16	22	199	161	268	882	11	8.1	6.9	7.6	3.8
28	4.8	36	21	87	112	222	724	11	6.9	6.0	6.7	4.6
29	4.7	60	20	59	88	134	406	10	6.5	6.5	6.5	20
30	3.3	86	18	48	-----	98	291	9.2	6.5	7.6	5.6	46
31	3.1	-----	19	45	-----	78	-----	9.8	-----	8.1	5.5	-----
TOTAL MEAN	122.5	513.9	949	2,199	2,706	8,097	13,959	1,562.0	317.0	244.3	822.6	198.0
MAX	3.95	17.1	30.6	70.9	93.3	261	465	50.4	10.6	7.88	26.5	6.60
MIN	11	86	90	310	244	1,070	2,000	202	34	36	119	46
NIN	2.0	3.9	16	35	71	59	9.2	4.8	2.7	5.5	3.0	0.8
CFSM	-05	-24	-42	-98	1.29	3.62	6.44	-70	-15	-11	-37	-3.9
IN.	-06	-26	-49	1.13	1.39	4.17	7.19	-80	-16	-13	-42	-10

CAL YR 1963: TOTAL 17,258.2
WAT YR 1964: TOTAL 31,690.3MEAN 47.3
MEAN 86.6

MAX 559

MAX 2,000

MIN 1.0

MIN 2.0

CFSM .65
CFSM 1.20

IN 8.89

IN 16.32

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	57	14	48	104	77	102	126	16	10	38	9.0	6.9
2	44	14	37	67	100	181	95	13	8.0	57	8.4	9.5
3	22	14	32	70	112	249	87	12	8.0	27	6.7	8.4
4	21	14	96	85	85	189	152	10	6.0	15	6.3	9.0
5	58	14	148	67	68	150	189	9.5	6.0	16	6.0	7.6
6	69	14	134	52	70	129	137	8.7	10	16	6.3	6.5
7	36	13	67	46	110	114	96	8.1	100	13	6.3	5.3
8	19	14	49	43	132	102	88	7.6	157	19	9.8	4.6
9	13	14	42	42	108	90	86	7.6	125	21	10	4.0
10	11	15	38	118	214	81	73	7.4	38	15	9.2	3.6
11	10	15	99	183	706	74	62	7.1	66	12	10	3.8
12	10	16	200	159	1,310	129	56	7.1	170	9.8	9.8	3.7
13	9.5	16	263	94	989	218	50	6.7	219	8.7	9.8	4.2
14	9.8	16	182	72	470	228	42	6.3	213	7.8	12	4.4
15	80	16	93	70	285	146	36	6.0	112	13	9.5	4.4
16	142	17	66	78	209	119	34	5.8	64	92	7.8	4.2
17	142	17	57	69	220	110	35	6.0	39	72	7.8	4.1
18	51	17	80	57	303	131	32	6.0	32	24	7.4	3.9
19	28	19	100	49	293	142	28	6.0	30	14	6.7	4.4
20	20	50	94	47	204	104	25	6.0	18	12	7.6	4.6
21	17	72	102	45	154	81	22	6.9	14	9.8	9.0	4.4
22	14	51	98	45	131	70	19	7.1	12	12	8.7	4.4
23	13	31	78	303	112	73	17	7.4	11	12	9.5	5.0
24	13	33	67	993	106	93	15	6.0	12	8.7	12	4.4
25	13	90	63	549	127	100	14	5.8	14	15	8.7	4.4
26	12	121	60	275	132	90	19	6.0	13	19	6.9	4.4
27	12	81	54	177	100	82	43	8.4	11	14	5.8	4.6
28	13	66	45	130	86	98	54	18	10	12	9.1	4.6
29	14	84	41	106	-----	119	36	16	12	11	30	6.7
30	16	72	38	94	-----	155	22	16	12	10	20	9.8
31	16	-----	66	86	-----	162	-----	12	-----	8.7	9.5	-----
TOTAL MEAN	1,005.3	1,040	2,637	4,377	7,013	3,911	1,790	272.5	1,545.0	632.0	298.1	157.8
MAX	32.4	34.7	85.1	141	250	126	59.7	8.79	51.5	20.4	9.62	5.26
MIN	142	121	263	993	1,310	249	189	18	219	92	30	9.8
CFSM	9.5	13	32	42	68	70	14	5.8	6.0	7.8	5.8	3.6
IN.	-45	-48	1.18	1.96	3.47	1.75	-83	-12	-71	-28	-13	-07
IN.	-52	-54	1.36	2.25	3.61	2.01	-92	-14	-80	-33	-15	-08

CAL YR 1964: TOTAL 34,787.2
WAT YR 1965: TOTAL 24,678.7MEAN 95.0
MEAN 67.6

MAX 2,000

MAX 1,310

MIN 2.7

MIN 5.6

CFSM 1.32
CFSM 1.94

IN 17.97

Note --Doubtful gage-height record May 29 to June 27

2-4670 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 Foscoe Creek, 2½ miles west of Demopolis, 3 miles upstream from Hall Creek, and 13 miles east of Coatopa

Drainage area --15,400 sq mi, approximately

Records available --August 1928 to September 1965 Published as "near Coatopa" 1928-55

Gage --Water-stage recorder Datum of gage is 56 00 ft above mean sea level (levels by Corps of Engineers) Prior to Dec 18, 1934, chain gage, Dec 18, 1934, to Oct 31, 1939, wire-weight gage, and Nov 1, 1939, to Sept 30, 1955, water-stage recorder, at Moscow Memorial bridge on U S Highway 80, 11 miles downstream at datum 29 30 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark)

Average discharge --37 years, 21,960 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 28, 1961	250,000	35 66	Sept 30, 1961	2,540	-
1962	Dec 25, 1961	202,000	31 95	Sept 4, 1962	1,710	-
1963	May 4, 1963	50,800	21 88	Sept 24, 1963	1,170	-
1964	Apr 19, 20, 1964	a 125,000	26 59	Sept 8, 1964	715	-
1965	Feb 18, 1965	a 109,000	24 72	Aug 5, 1965	2,530	-

a Maximum daily

1928-65 Maximum discharge, 250,000 cfs Feb 28, 1961 (gage height, 35 66 ft), minimum daily, 50 cfs Aug 1-6, 1954 (results of closure of and storage above Demopolis lock and dam during construction)

Remarks --Records good above 10,000 cfs, fair between 3,000 and 10,000 cfs, and poor below 3,000 cfs Some regulation at low flow by lock at gage Diversion through lock valves included in figures of discharge

Cooperation --Gage-height record and 64 discharge measurements furnished by Corps of Engineers

Revisions (water years) --WSP 782 1934 WSP 952 1941

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,230	4,310	8,330	18,900	10,200	239,000	94,700	22,200	5,710	6,370	4,620	3,730
2	3,530	4,410	7,860	26,300	9,620	221,000	99,500	18,800	5,320	7,190	4,000	4,440
3	3,430	6,160	7,740	29,100	10,200	195,000	104,000	17,100	5,160	6,220	4,100	7,950
4	3,460	6,080	6,540	26,700	10,800	171,000	107,000	15,900	4,280	6,400	4,200	5,710
5	4,000	6,370	5,950	24,000	13,100	154,000	108,000	14,600	3,200	5,390	3,860	5,320
6	6,350	5,180	5,360	23,200	14,600	139,000	107,000	12,700	3,900	4,830	3,230	4,890
7	6,120	4,490	5,320	21,900	14,000	127,000	96,600	11,500	4,400	4,270	4,520	5,280
8	5,180	4,450	5,550	19,100	13,500	120,000	84,400	10,700	3,600	4,990	4,450	4,520
9	4,800	3,600	5,030	16,600	14,100	114,000	78,200	11,000	5,100	5,690	4,200	4,730
10	4,000	4,230	4,070	14,200	18,600	106,000	76,400	15,300	4,310	6,980	3,730	4,400
11	4,950	4,480	4,760	10,700	20,600	97,000	76,700	19,200	5,520	7,980	3,730	4,040
12	5,410	5,820	5,760	9,790	17,600	89,400	77,900	16,300	5,680	12,300	3,960	3,960
13	3,460	7,610	6,120	8,860	15,600	78,300	75,700	15,100	5,680	31,300	4,720	3,700
14	3,700	7,560	7,130	9,660	13,500	67,600	73,500	13,200	6,220	42,500	4,030	3,900
15	4,900	7,080	7,980	9,850	12,400	62,100	67,600	10,800	6,030	43,400	3,430	3,900
16	3,700	6,220	7,550	8,960	10,900	58,800	59,000	9,500	6,900	38,600	5,580	3,600
17	3,830	5,330	7,010	7,940	11,400	54,200	50,000	10,000	5,770	31,900	4,760	3,170
18	3,630	4,520	6,520	8,160	24,300	61,300	43,300	13,800	4,660	26,700	6,770	3,460
19	3,200	4,650	6,330	8,860	39,100	68,100	39,800	14,000	4,450	26,100	9,810	3,270
20	3,530	4,690	5,740	10,600	56,900	69,700	31,600	11,300	4,730	21,500	11,100	3,360
21	4,240	5,060	10,000	11,700	85,100	68,400	24,900	8,860	5,850	16,500	11,400	2,980
22	4,070	4,850	12,900	12,900	114,000	68,500	21,300	7,590	9,660	14,200	7,590	2,810
23	3,630	5,680	14,600	13,500	131,000	71,200	17,800	6,820	12,700	13,000	5,630	3,430
24	3,360	5,800	13,800	11,900	146,000	67,000	16,000	6,740	12,400	11,000	4,960	3,040
25	3,600	7,160	11,200	11,300	182,000	58,100	14,600	6,200	12,500	10,100	5,980	3,170
26	3,760	8,730	9,880	11,700	227,000	51,400	14,300	7,340	17,100	9,740	5,260	3,110
27	3,830	8,370	8,670	14,500	246,000	45,500	17,200	7,750	23,200	9,060	4,550	2,820
28	3,600	8,060	7,740	15,600	248,000	45,900	28,800	8,070	18,300	8,760	5,030	2,730
29	3,240	7,700	7,860	15,400	-----	54,500	34,400	8,160	13,200	8,300	5,220	2,830
30	3,050	8,230	7,160	13,200	-----	63,800	29,900	7,300	7,700	6,640	4,650	2,540
31	4,280	-----	8,300	10,100	-----	83,100	-----	6,090	-----	5,930	4,440	-----
TOTAL	125,070	177,080	238,760	455,180	1,730,118	2,969,911	1,770,118	363,920	233,230	453,840	163,510	116,890
MEAN	4,035	5,903	7,702	14,680	61,790	95,800	59,000	11,740	7,774	14,640	5,275	3,896
MAX	6,350	8,730	14,600	29,100	248,000	239,000	108,000	22,200	23,200	43,400	11,400	7,950
MIN	3,050	3,800	4,070	7,940	9,620	45,500	14,300	6,090	3,200	4,270	3,230	2,540
CFSH	-.26	-.38	-.50	-.95	4.01	6.22	3.93	-.76	-.50	-.95	-.34	-.25
IN-	-.30	-.43	-.58	1.10	4.18	7.17	4.27	-.88	-.56	1.10	-.39	-.28

CAL YR 1960: TOTAL 7,142,700 MEAN 19,520 MAX 102,000 MIN 1,170 CFSH 1.27 IN 17.25
WAT YR 1961: TOTAL 8,797,600 MEAN 24,100 MAX 248,000 MIN 2,540 CFSH 1.57 IN 21.25

M Expressed in thousands

2-4670 Tombigbee River at Demopolis lock and dam, near Coatspa, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,480	2,170	27,300	105,000	108,000	78,300	50,800	31,400	4,060	7,250	4,310	3,690
2	2,980	1,970	19,200	89,900	111,000	74,500	60,000	28,200	7,230	5,770	4,310	2,790
3	3,330	2,430	13,500	72,600	113,000	73,500	63,700	25,400	10,100	5,350	3,960	2,270
4	2,950	3,240	9,720	57,400	112,000	73,200	60,300	21,900	9,970	4,660	4,520	1,710
5	3,040	3,860	8,400	46,500	107,000	72,700	51,700	20,000	8,960	4,000	4,790	2,360
6	3,600	4,410	8,660	57,900	97,700	71,700	47,900	17,000	7,860	3,800	4,770	4,340
7	3,700	4,000	10,200	68,900	84,700	70,000	56,600	17,000	7,750	4,870	4,620	4,620
8	3,600	4,350	12,900	78,300	75,300	68,300	65,300	16,700	7,880	6,890	4,370	4,000
9	3,730	4,620	14,500	83,300	66,200	67,500	69,300	15,400	7,980	7,090	4,280	2,670
10	3,500	4,070	26,000	83,900	54,300	68,000	68,100	13,000	6,560	6,170	4,240	2,460
11	3,560	3,490	35,500	78,900	37,900	69,100	66,500	8,560	7,340	5,430	4,980	2,240
12	3,430	2,980	64,600	71,500	29,100	74,500	86,000	8,220	7,310	4,130	3,830	2,760
13	3,170	3,240	82,600	64,800	25,300	79,100	99,600	5,960	7,710	4,000	3,370	6,010
14	2,880	5,100	91,100	61,500	23,900	80,900	103,000	7,600	8,100	3,530	2,920	4,520
15	2,720	10,500	101,000	63,900	22,800	77,300	104,000	7,200	8,160	3,500	2,630	4,000
16	2,700	19,700	105,000	67,500	23,200	70,300	106,000	5,900	8,040	3,800	3,360	4,730
17	2,480	24,500	110,000	69,800	27,700	63,800	108,000	4,400	6,240	3,800	3,400	4,100
18	2,480	26,600	122,000	70,400	29,800	57,700	108,000	4,200	5,290	4,320	3,370	3,430
19	2,260	27,700	128,000	78,800	27,100	49,700	107,000	4,440	4,920	4,200	2,100	4,170
20	2,260	27,500	133,000	82,700	25,100	38,800	103,000	4,200	6,090	4,760	2,360	4,910
21	2,300	25,300	140,000	83,300	27,800	29,700	89,600	3,900	5,970	3,360	2,170	3,430
22	2,330	19,600	153,000	81,500	44,100	27,300	81,000	3,300	4,950	2,950	2,980	3,660
23	2,230	22,600	174,000	80,200	68,200	27,800	77,800	2,800	4,980	2,910	4,270	2,800
24	2,330	23,600	194,000	71,300	81,000	26,700	74,400	3,200	5,160	2,720	3,400	2,010
25	2,030	28,200	202,000	75,500	86,600	24,900	69,100	2,600	5,270	3,370	2,920	2,140
26	2,270	28,400	199,000	77,900	88,500	26,100	57,600	2,460	4,980	4,580	2,980	2,610
27	2,170	28,800	185,000	84,000	87,600	30,300	40,400	3,230	6,240	4,990	2,240	2,850
28	2,270	29,300	162,000	93,100	84,100	33,400	30,000	3,630	7,960	4,200	2,820	2,850
29	2,150	29,500	141,000	98,100	-----	34,100	31,900	3,000	8,960	5,710	2,400	2,630
30	2,180	29,200	129,000	101,000	-----	32,000	32,800	2,420	8,460	5,920	2,180	2,880
31	2,360	-----	118,000	105,000	-----	36,800	-----	3,660	-----	5,020	2,330	-----
TOTAL	85,470	450,930	2,920,200	2,404,400	1,769,000	1,708,000	2,169,400	300,860	219,480	143,060	107,080	99,060
MEAN	2,757	15,030	94,200	77,560	63,180	55,100	62,300	9,700	7,016	4,560	3,370	3,080
MAX	3,730	29,500	202,000	105,000	113,000	80,900	108,000	31,400	10,100	7,260	4,980	6,010
MIN	2,030	1,970	8,400	46,500	22,800	24,900	30,000	2,420	4,060	2,720	2,100	1,710
CFSM	.18	.98	6.12	5.04	4.10	3.58	4.70	.63	.46	.30	.22	.21
IN.	.21	1.09	7.05	5.81	4.27	4.12	5.24	.73	.51	.35	.26	.24

CAL YR 1961: TOTAL 11,713,270 MEAN 32,090 MAX 248,000 MIN 1,970 CFSM 2.08 IN 28.29
 MAY YR 1962: TOTAL 12,363,900 MEAN 33,880 MAX 202,000 MIN 1,710 CFSM 2.20 IN 29.67

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,110	2,460	3,330	8,630	27,700	13,200	12,900	42,100	39,200	15,200	13,300	3,760
2	2,460	3,670	2,980	9,000	28,600	15,100	12,300	52,900	35,600	12,700	14,700	2,910
3	2,150	3,700	2,950	9,470	35,700	14,300	11,300	58,900	32,500	10,000	12,900	2,520
4	2,210	3,370	2,940	7,150	41,300	14,400	10,600	60,100	27,000	12,000	8,760	5,060
5	2,420	2,250	2,810	5,710	41,400	18,100	9,030	53,200	20,800	13,500	7,540	6,740
6	2,500	2,320	3,060	6,450	37,100	36,500	8,430	42,400	16,200	11,000	6,890	6,090
7	2,740	2,910	2,810	5,510	29,700	47,300	7,590	33,600	13,100	8,500	5,630	7,160
8	3,200	2,390	3,370	4,290	22,700	55,600	11,000	26,000	10,800	6,320	6,740	5,580
9	3,560	2,630	3,240	4,720	18,200	55,700	15,900	21,000	7,410	9,100	6,120	4,270
10	2,600	4,850	3,050	4,360	14,900	47,600	16,000	16,700	5,320	6,470	5,850	5,430
11	2,250	5,000	3,060	5,360	13,300	38,800	15,200	13,300	4,640	10,500	3,980	5,120
12	2,500	2,980	3,120	10,600	12,800	37,300	14,100	10,900	6,770	6,990	3,590	3,230
13	2,880	2,670	2,500	14,500	13,400	34,900	13,100	9,320	7,830	6,130	5,310	3,900
14	3,010	2,280	3,060	13,200	13,200	61,100	9,230	7,770	4,530	5,200	6,090	3,490
15	2,640	1,900	4,280	11,100	12,700	64,000	7,310	7,400	3,630	11,900	7,220	2,840
16	2,840	2,350	2,990	9,060	11,700	61,200	7,160	6,010	4,340	26,300	7,700	1,900
17	2,460	3,300	2,950	8,060	10,400	55,300	7,310	5,360	5,470	39,400	6,220	1,640
18	2,810	5,090	2,880	8,400	9,680	51,500	7,800	5,610	5,150	48,200	4,970	1,620
19	2,700	5,100	2,740	14,800	15,000	53,700	6,550	5,050	4,150	50,000	3,950	2,110
20	3,270	5,430	3,090	36,800	17,800	57,100	7,060	4,990	6,550	49,200	5,140	2,390
21	2,910	8,060	3,150	41,500	19,900	55,200	7,080	4,800	6,770	48,700	5,490	3,480
22	2,640	9,240	3,270	39,300	21,200	53,300	6,190	5,460	16,700	47,700	4,570	3,060
23	2,630	9,330	3,230	32,200	20,400	50,100	6,050	4,980	27,400	48,300	6,170	1,590
24	2,390	8,900	3,540	24,100	17,500	38,800	5,810	3,860	31,800	45,300	6,290	1,170
25	2,140	8,630	4,370	20,300	14,800	26,400	5,430	3,860	27,300	41,900	4,460	1,410
26	2,220	6,000	4,240	17,700	12,700	20,200	6,470	6,450	20,600	33,500	3,090	2,030
27	2,420	4,200	4,730	14,600	11,500	21,900	6,400	10,100	18,200	21,300	4,880	2,460
28	2,390	5,870	5,020	12,700	10,900	23,200	7,360	33,200	18,100	14,900	6,400	2,490
29	2,280	6,750	6,440	12,700	-----	23,300	20,500	44,000	18,600	14,000	5,460	2,170
30	2,430	5,430	8,160	13,900	-----	22,200	27,100	46,400	16,700	13,100	5,650	1,220
31	2,250	-----	7,920	20,400	-----	18,000	-----	42,300	-----	12,800	5,790	-----
TOTAL	80,210	139,040	115,280	445,570	556,180	1,185,300	308,260	688,020	463,160	700,310	200,490	98,840
MEAN	2,587	4,483	3,719	14,370	18,860	38,240	10,280	22,150	15,440	22,880	6,470	3,295
MAX	3,560	9,330	9,160	41,500	41,400	64,000	27,100	60,100	39,200	50,000	14,700	7,160
MIN	2,110	1,900	2,500	4,290	9,680	13,200	5,430	3,860	3,630	5,200	3,090	1,170
CFSM	.17	.30	.24	.93	1.29	2.48	.67	1.44	1.00	1.47	.42	.21
IN.	.19	.34	.28	1.08	1.34	2.86	.74	1.66	1.12	1.69	.48	.24

CAL YR 1962: TOTAL 9,245,870 MEAN 25,330 MAX 112,000 MIN 1,710 CFSM 1.89 IN 22.83
 MAY YR 1963: TOTAL 4,980,680 MEAN 15,730 MAX 112,000 MIN 1,710 CFSM 1.89 IN 22.83

M Expressed in thousands

2-4670 Tombigbee River at Demopolis lock and dam, near Coatopa, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,380	1,740	7,380	8,160	43,800	28,100	46,500	103,000	4,490	5,740	5,290	4,650
2	2,180	3,800	6,270	7,280	36,600	37,600	40,300	105,000	5,140	6,480	4,230	5,440
3	2,700	2,610	7,200	6,790	27,900	68,500	36,700	105,000	6,350	6,290	4,600	3,900
4	1,710	1,350	6,500	9,320	23,100	81,400	32,800	103,000	5,920	7,230	6,380	4,640
5	1,370	1,740	5,190	12,800	20,700	89,100	30,200	102,000	6,370	10,800	7,350	3,160
6	1,740	2,420	5,140	18,500	19,900	92,400	72,400	99,700	8,560	7,320	7,280	2,870
7	2,170	2,430	4,760	22,200	21,100	92,400	98,600	93,500	8,140	5,870	5,770	1,590
8	2,080	2,840	3,750	25,800	23,300	90,600	106,000	85,300	6,290	5,460	5,840	715
9	2,380	3,820	3,480	36,500	23,400	87,400	110,000	75,300	7,290	5,260	4,900	1,630
10	2,600	3,510	3,800	52,000	19,800	85,100	111,000	65,700	5,790	5,570	4,100	2,490
11	2,810	2,740	4,170	61,100	17,900	82,900	111,000	53,000	5,610	6,320	4,200	3,590
12	2,530	2,380	10,400	61,700	16,000	81,400	110,000	39,800	5,030	12,500	4,000	3,260
13	1,940	2,710	26,200	54,100	19,700	78,900	114,000	31,700	5,200	17,700	3,700	2,220
14	2,280	2,680	34,500	47,500	17,500	75,100	117,000	26,100	3,960	22,500	3,500	1,190
15	1,720	3,020	35,800	42,900	21,600	84,700	117,000	23,800	3,740	21,600	4,000	2,210
16	1,440	2,530	35,300	39,000	29,200	96,500	117,000	21,600	4,660	15,900	5,400	2,880
17	2,000	2,040	31,200	34,200	35,800	100,000	119,000	17,900	4,460	12,500	8,900	3,120
18	1,960	1,380	29,500	26,900	46,800	103,000	121,000	16,800	4,760	16,100	15,000	3,190
19	1,810	2,280	21,800	30,200	52,600	106,000	123,000	14,800	4,220	12,700	16,300	2,920
20	1,810	2,460	15,000	17,400	55,600	108,000	123,000	12,200	3,910	9,360	15,700	2,270
21	1,680	2,640	11,200	14,900	53,900	108,000	120,000	9,260	3,290	8,300	14,400	2,070
22	1,620	2,920	10,100	14,000	49,100	107,000	110,000	2,280	2,860	8,360	8,360	2,660
23	1,740	4,080	7,850	13,900	45,500	101,000	103,000	8,400	3,290	16,000	4,860	4,640
24	1,690	2,980	8,200	13,900	40,600	88,700	90,000	7,430	4,760	12,100	3,760	5,000
25	1,590	2,190	10,300	32,400	36,600	80,500	79,400	5,740	5,100	8,300	5,740	3,940
26	2,110	3,160	9,330	55,600	34,600	77,300	75,300	6,450	4,910	8,800	5,460	4,160
27	1,710	3,900	9,800	66,700	33,600	78,000	85,100	7,080	4,360	8,080	5,440	2,380
28	1,670	4,210	8,430	70,600	32,100	77,500	92,900	5,320	2,920	5,850	6,040	1,870
29	1,350	5,970	8,560	64,800	29,000	73,000	97,400	5,490	2,700	5,920	5,690	3,120
30	1,710	5,520	7,640	55,000	-----	66,100	101,000	6,580	3,360	5,570	4,130	7,100
31	1,290	-----	9,720	48,000	-----	55,900	-----	4,930	-----	5,370	2,940	-----

TOTAL	58,770	88,050	398,870	1,054,240	923,300	2,582,140	2,814,640	1,270,510	146,860	311,690	203,260	94,495
MEAN	1,896	2,935	12,870	34,000	31,840	83,290	93,820	40,980	4,680	10,050	6,557	3,150
MAX	2,810	5,970	35,800	70,600	55,600	108,000	123,000	105,000	8,560	22,500	16,300	7,100
MIN	1,290	1,350	3,480	6,790	15,700	28,100	30,200	4,930	2,280	5,260	2,940	715
CFSM	-.12	-.19	-.04	2.21	2.07	5.41	6.09	2.66	-.32	-.65	-.43	-.20
IN-	.14	.21	.06	2.55	2.23	6.24	6.80	3.07	-.35	-.75	.49	.23

CAL YR 1963: TOTAL 5,191,820 MEAN 14,220 MAX 64,000 MIN 1,170 CFSM .92 IN 12.54
 MAY YR 1964: TOTAL 9,946,625 MEAN 27,180 MAX 123,000 MIN 715 CFSM 1.76 IN 24.02

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	11,000	5,980	27,600	28,100	17,200	37,100	87,100	11,700	4,240	5,010	5,520	3,980
2	10,500	4,500	25,200	27,700	16,400	44,400	84,700	7,770	4,460	4,920	4,980	4,390
3	8,860	4,800	22,000	26,700	16,400	48,500	80,900	7,580	4,200	4,700	4,460	5,770
4	13,200	5,220	30,800	25,600	17,000	49,300	77,200	7,680	3,950	4,840	4,020	6,840
5	16,200	5,400	35,800	25,600	17,400	48,700	73,200	7,440	3,470	4,240	2,530	4,710
6	9,000	5,270	32,500	24,900	16,500	47,100	69,900	6,430	3,230	6,060	3,120	2,990
7	10,400	5,660	26,900	22,000	16,900	46,700	69,500	5,510	4,020	5,800	2,810	2,640
8	10,100	6,450	20,700	20,200	16,800	45,300	69,800	5,500	10,200	11,500	3,860	4,090
9	10,200	4,120	18,600	18,400	19,700	41,900	70,600	5,490	16,100	9,280	4,420	2,950
10	9,570	4,070	18,900	21,600	43,100	36,300	68,000	4,990	14,200	8,400	5,720	3,090
11	6,200	5,030	26,100	27,600	71,700	31,700	63,500	5,250	11,700	7,080	6,520	3,340
12	4,320	5,220	48,500	31,300	89,500	33,800	61,200	5,200	13,400	9,790	7,290	3,830
13	4,990	5,470	57,600	32,000	98,200	41,400	57,000	5,260	15,200	7,050	6,620	5,440
14	5,870	5,560	61,700	29,800	101,000	47,700	50,900	4,830	15,400	5,130	5,660	6,380
15	13,300	4,380	57,600	25,500	104,000	48,000	45,000	4,640	13,300	4,200	4,760	8,300
16	12,300	3,160	50,900	20,800	106,000	44,600	35,200	4,030	11,100	5,320	3,870	7,610
17	10,100	4,020	44,200	16,800	108,000	42,000	26,300	3,120	11,800	8,010	4,160	6,550
18	10,100	4,800	40,000	17,200	109,000	40,600	22,800	3,630	11,200	5,600	3,820	5,220
19	7,920	5,210	36,300	16,200	107,000	40,400	20,300	4,320	8,560	4,980	4,950	4,300
20	7,460	6,330	35,100	15,500	103,000	43,200	18,100	4,410	5,920	3,950	4,120	2,980
21	6,250	6,120	34,800	14,700	98,000	42,200	18,100	4,460	3,830	3,090	4,570	2,920
22	6,280	6,030	35,900	13,700	92,600	39,600	17,200	5,440	4,100	4,100	4,100	2,990
23	5,870	5,850	36,100	35,400	87,400	34,300	15,800	5,140	4,360	4,280	3,050	3,940
24	5,880	7,940	30,800	53,700	83,500	29,600	14,400	4,050	5,270	5,180	4,510	3,320
25	5,320	15,800	28,600	56,500	76,100	29,500	13,700	5,290	5,150	4,460	4,280	4,310
26	3,720	17,800	26,500	51,800	63,700	36,800	12,900	5,180	4,550	5,770	4,510	4,350
27	3,900	19,100	26,100	43,100	47,600	31,400	13,600	5,100	4,560	5,680	5,180	3,190
28	4,620	20,400	26,200	31,800	39,400	67,100	14,200	5,460	3,020	6,120	7,340	4,430
29	5,450	24,200	25,300	25,500	-----	75,900	12,800	5,740	3,450	7,000	10,300	4,600
30	5,710	28,000	23,400	22,200	-----	84,900	12,400	4,320	3,760	7,150	4,990	5,650
31	6,030	-----	24,900	19,600	-----	87,800	-----	3,310	-----	6,190	3,570	-----

TOTAL	251,140	251,890	1,033,540	843,100	1,783,140	1,437,840	1,296,340	168,300	229,180	184,970	149,710	135,900
MEAN	8,101	8,136	33,340	27,200	63,680	46,380	43,210	5,429	7,639	5,967	4,829	4,330
MAX	16,200	28,000	61,700	56,500	109,000	107,800	87,100	11,700	16,100	11,500	10,300	8,300
MIN	3,720	3,160	18,600	13,700	16,400	29,500	12,400	3,120	3,020	3,090	2,530	2,640
CFSM	-.53	-.55	2.16	1.77	4.14	3.01	2.81	-.35	-.50	-.39	-.31	-.29
IN-	.61	.61	2.50	2.04	4.31	3.47	3.13	-.41	-.55	-.45	-.36	-.33

CAL YR 1964: TOTAL 10,937,465 MEAN 29,880 MAX 123,000 MIN 715 CFSM 1.94 IN 26.41
 MAY YR 1965: TOTAL 7,764,890 MEAN 21,270 MAX 109,000 MIN 2,530 CFSM 1.38 IN 18.75

M Expressed in thousands

2-4675. Sucarnoochee River at Livingston, Ala

Location.--Lat 32°34', long 88°12', in SW¹/₄ 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

Records available.--October 1938 to September 1965.

Gage --Water-stage recorder Datum of gage is 90.04 ft above mean sea level, datum of 1929, supplementary adjustment of 1944. Prior to Nov 27, 1938, reference point and Nov 27, 1938, to Jan 12, 1939, wire-weight gage, at same site and datum

Average discharge --27 years, 761 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (5,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	2100	* 31,500	29 35	Apr 14, 1962	1700	10,200	24 07	Apr 16, 1964	0900	7,150	22 89
Apr 2, 1961	1600	8,750	25 58					Apr 30, 1964	1000	5,880	22 05
				Mar 5, 1963	2200	* 3,520	17 83	Feb 15, 1965	0200	* 5,920	22 09
Dec 19, 1961	2230	* 19,600	26 82								
Jan 20, 1962	0300	5,500	21 65	Mar 6, 1964	1130	5,770	21 95				
Jan 28, 1962	0600	5,640	21 81	Apr 8, 1964	1530	* 11,300	24 44				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 5, 1960	111	3 08	1964	Oct 22-26, 1963	70	-
1962	Sept 6, 1962	104	3 01	1965	Sept 12-13, 1965	93	3 05
1963	Sept 27, 28, 1963	77	3 72				

1938-65 Maximum discharge, 31,500 cfs Feb 22, 1961 (gage height, 29.35 ft), minimum, 49 cfs Sept 11, 1957.

Remarks --Records good

Cooperation --Gage-height record and 50 discharge measurements furnished by Corps of Engineers

Revisions --WSP 1384 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	140	1,070	222	1,310	368	3,820	7,190	318	156	742	326	186
2	130	910	240	1,220	354	2,640	8,300	302	151	532	293	186
3	120	436	240	864	524	1,370	7,160	309	143	909	276	182
4	120	306	220	506	637	920	5,230	280	137	1,060	274	232
5	190	233	210	398	541	816	3,990	260	130	628	289	244
6	1,090	204	190	344	420	827	2,430	240	130	431	382	196
7	922	190	190	318	387	2,420	1,150	220	130	337	316	179
8	753	182	200	316	414	2,360	880	210	135	763	278	167
9	524	180	210	341	420	1,980	1,100	260	133	1,100	277	156
10	360	221	200	358	381	1,640	1,700	310	132	789	370	151
11	256	256	250	316	338	1,110	1,860	270	173	1,180	456	147
12	210	282	320	288	313	784	2,140	250	258	1,790	326	149
13	182	258	250	282	297	874	2,010	240	314	2,550	284	166
14	170	221	220	432	285	1,240	1,480	230	310	3,130	265	186
15	160	205	320	524	284	1,480	992	216	235	3,480	256	189
16	152	201	310	496	286	1,280	795	208	233	4,000	332	197
17	147	200	250	420	363	919	684	199	305	4,200	690	180
18	144	204	230	357	2,210	2,680	603	189	266	3,540	464	163
19	143	211	210	363	3,590	2,940	553	183	244	1,560	290	151
20	142	204	260	436	4,880	3,060	846	179	304	963	238	145
21	135	195	948	464	12,600	3,150	1,390	175	984	1,470	234	153
22	134	192	988	404	28,800	3,200	940	171	1,220	755	218	153
23	135	215	691	336	29,100	2,760	477	169	740	740	227	151
24	135	235	420	307	21,800	1,930	426	168	352	704	232	146
25	132	287	334	360	12,100	1,070	399	173	294	916	402	134
26	132	280	306	734	7,180	751	469	189	1,820	868	506	131
27	131	243	290	876	5,420	664	550	204	2,620	612	553	126
28	129	224	274	763	4,620	2,240	558	212	2,760	447	323	122
29	128	213	264	580	-----	3,030	471	190	2,780	522	247	122
30	139	213	267	468	-----	3,430	369	173	2,380	440	208	121
31	562	-----	568	411	-----	6,500	-----	163	-----	402	192	-----
TOTAL MEAN	7,947	8,471	10,092	15,592	138,912	63,885	57,142	6,860	19,969	41,160	10,024	4,911
MAX	256	282	326	503	4,961	2,061	1,905	221	666	1,328	323	164
MIN	1,090	1,070	988	1,310	29,100	6,500	8,300	318	2,780	4,200	690	244
CFSM	120	180	190	282	284	664	369	163	130	337	192	121
IN.	.42	.47	.54	.83	8.19	3.40	3.14	.37	1.10	2.19	.53	.27
	.49	.52	.62	.96	8.52	3.92	3.51	.42	1.23	2.53	.62	.30
CAL YR 1960: TOTAL	227,388			MEAN	621	MAX	4,100	MIN	80	CFSM	1.93	IN 13.25
WAT YR 1961: TOTAL	384,965			MEAN	1,055	MAX	29,100	MIN	120			

2-4675 Sucarnoochee River at Livingston, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	122	139	327	1,900	3,270	1,350	4,500	1,440	235	253	240	117
2	136	140	310	1,880	1,800	1,100	4,000	1,080	297	220	384	115
3	151	150	300	1,470	1,110	988	3,010	669	266	196	272	112
4	234	230	294	1,060	970	998	2,350	566	282	198	228	108
5	229	660	305	1,370	908	982	1,020	492	260	180	267	105
6	167	560	414	2,640	846	886	1,760	444	233	170	378	105
7	162	330	613	2,930	787	785	2,330	412	227	236	213	114
8	149	250	719	3,130	723	702	2,380	378	224	180	200	118
9	144	200	832	3,660	696	1,030	2,170	352	225	162	173	121
10	144	180	1,970	4,220	694	1,380	1,360	329	419	149	151	117
11	144	170	2,390	3,460	667	1,450	1,280	307	396	141	139	119
12	138	180	4,420	2,040	613	1,340	4,020	296	392	139	130	145
13	135	300	5,850	1,160	587	1,350	4,760	285	305	139	124	198
14	130	1,600	6,030	1,050	578	1,200	8,790	274	529	141	123	277
15	126	1,100	8,430	2,260	568	874	7,920	260	391	182	140	284
16	122	1,200	8,220	2,770	587	808	5,390	249	246	195	166	273
17	120	1,100	8,310	2,870	655	740	3,990	255	206	167	224	426
18	119	700	15,000	3,020	626	680	2,000	244	191	142	184	301
19	121	450	16,900	4,720	594	620	932	234	183	158	158	278
20	125	350	15,800	5,310	619	580	814	225	181	201	143	266
21	125	310	8,710	4,910	1,150	540	725	217	326	153	129	253
22	123	280	5,770	4,900	2,300	520	642	214	284	135	129	242
23	124	2,500	4,410	4,680	2,740	500	590	206	223	125	136	238
24	126	3,000	2,890	3,880	2,950	520	570	198	190	123	123	235
25	130	2,500	1,420	2,900	3,040	900	599	193	231	123	124	234
26	130	800	1,020	2,420	2,920	1,300	548	191	220	125	123	233
27	130	600	946	4,150	2,170	1,000	588	187	617	129	124	233
28	129	500	974	5,440	1,570	587	862	181	785	165	188	244
29	129	410	986	4,750	-----	503	1,460	177	418	272	160	204
30	129	356	888	4,270	-----	476	1,730	175	293	270	133	162
31	133	-----	948	4,010	-----	2,000	-----	183	-----	326	123	-----
TOTAL	4,346	21,245	126,394	99,230	36,738	28,689	73,096	10,913	9,275	5,495	5,533	5,977
MEAN	140	708	4,077	3,201	1,312	925	2,437	357	309	177	178	199
MAX	234	3,000	16,900	5,440	3,270	2,000	8,790	548	785	326	384	426
MIN	119	139	294	1,050	568	476	548	175	181	123	123	105
CFSM	.23	1.17	6.73	5.28	2.17	1.53	4.02	.58	.51	.29	.29	.33
IN.	.27	1.30	7.76	6.09	2.25	1.76	4.49	.67	.57	.34	.34	.37

CAL YR 1961: TOTAL 510,440 MEAN 1,398 MAX 29,100 MIN 119 CFSM 2.31 IN 31.33
 MAY YR 1962: TOTAL 426,931 MEAN 1,170 MAX 18,900 MIN 105 CFSM 1.93 IN 26.20

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	151	130	170	312	1,190	640	277	394	178	127	304	103
2	146	122	170	244	926	1,010	270	312	148	135	590	95
3	175	126	170	214	1,670	926	264	236	131	230	880	90
4	200	127	169	200	1,770	684	255	198	119	185	438	90
5	206	127	169	194	1,090	1,430	245	177	114	153	233	103
6	198	131	177	193	866	3,130	240	166	116	147	184	109
7	189	131	200	192	588	2,740	241	158	113	118	161	103
8	221	129	196	200	474	1,390	268	162	109	105	145	98
9	263	133	183	196	407	652	280	187	108	104	154	91
10	415	143	186	188	370	520	253	178	103	263	144	85
11	440	159	190	247	350	467	236	148	100	216	135	82
12	323	156	177	459	352	1,170	228	139	97	140	136	80
13	231	145	171	886	371	2,240	219	129	97	116	161	82
14	164	146	163	686	373	2,350	212	125	94	161	152	83
15	151	153	153	381	352	2,340	203	122	90	115	156	90
16	146	151	169	290	311	2,310	193	120	88	1,050	146	129
17	192	147	181	257	287	1,360	186	116	92	1,200	143	114
18	237	151	191	381	281	720	182	110	113	1,230	126	103
19	234	162	189	1,460	881	628	177	107	119	1,360	113	99
20	234	260	181	2,860	1,140	1,020	207	103	137	808	103	98
21	228	275	177	2,920	1,070	918	288	101	149	335	109	98
22	220	290	176	2,840	666	680	388	101	815	237	118	92
23	231	290	174	2,470	463	472	282	114	760	193	178	85
24	210	248	177	928	415	394	226	127	802	169	168	82
25	153	203	189	526	434	374	197	124	367	151	128	80
26	131	180	252	417	470	373	180	518	247	142	109	80
27	124	175	323	404	414	363	179	316	181	154	101	77
28	123	172	267	433	354	371	181	1,360	152	277	104	78
29	126	170	241	401	-----	350	530	654	138	212	94	80
30	127	169	276	695	-----	314	353	309	130	377	94	88
31	129	-----	385	1,160	-----	289	-----	222	-----	359	108	-----
TOTAL	6,318	5,108	6,192	23,234	18,335	32,625	7,440	7,333	6,007	10,569	5,915	2,679
MEAN	204	165	200	749	585	1,052	237	237	196	341	181	82.2
MAX	440	290	385	2,920	1,770	3,130	530	1,360	815	1,360	880	129
MIN	123	126	153	188	281	289	177	101	88	104	94	77
CFSM	.34	.28	.33	1.24	1.08	1.74	.41	.39	.33	.56	.31	.15
IN.	.39	.31	.38	1.43	1.13	2.00	.46	.45	.37	.65	.36	.17

CAL YR 1962: TOTAL 292,564 MEAN 802 MAX 8,790 MIN 105 CFSM 1.32 IN 17.95
 MAY YR 1963: TOTAL 131,843 MEAN 361 MAX 3,130 MIN 77 CFSM .60 IN 8.09

2-4675 Sucarnoochee River at Livingston, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	96	73	271	175	378	477	474	4,790	158	521	541	157
2	99	75	225	177	396	2,270	445	3,150	168	717	816	149
3	95	80	173	227	380	3,800	424	1,100	180	740	586	140
4	90	102	150	455	343	4,350	411	801	177	619	408	133
5	87	112	157	539	354	4,790	452	680	161	732	348	126
6	86	107	165	587	312	5,620	4,910	559	159	613	309	122
7	82	99	151	768	319	4,870	6,500	488	158	462	263	119
8	77	98	141	610	306	3,640	10,300	437	153	267	211	117
9	74	104	136	1,850	348	2,040	8,770	396	148	246	190	118
10	72	105	148	1,810	392	1,930	5,970	362	142	267	176	116
11	74	100	160	1,420	412	1,730	4,540	331	133	1,160	165	115
12	74	98	167	892	426	1,260	3,560	382	133	2,260	176	111
13	73	98	184	571	423	868	3,970	776	140	2,560	397	107
14	72	94	357	476	344	1,050	5,280	594	139	1,900	245	104
15	72	90	444	406	484	3,700	6,260	482	140	830	213	102
16	72	90	452	354	799	4,590	6,970	350	133	436	439	98
17	72	90	324	334	673	4,460	5,750	285	121	322	848	99
18	74	92	229	341	2,060	4,570	4,360	252	116	410	960	140
19	75	97	189	347	2,020	4,760	2,530	231	116	316	667	171
20	73	100	175	329	1,460	3,730	960	213	114	252	359	187
21	72	101	169	298	831	1,980	766	202	110	215	291	201
22	70	102	164	280	566	1,140	676	193	109	311	307	207
23	70	114	184	261	461	868	608	185	105	196	382	207
24	70	124	229	878	404	732	570	179	149	592	364	198
25	70	197	312	1,850	710	640	572	196	168	906	357	193
26	70	195	275	1,770	1,030	872	2,140	192	134	1,020	347	214
27	72	152	1,520	908	1,110	1,110	3,620	180	624	278	189	189
28	75	131	208	890	711	1,220	4,380	173	220	341	229	126
29	79	143	201	530	559	898	4,790	168	162	285	220	137
30	77	182	185	429	-----	630	5,710	157	152	252	183	188
31	74	-----	175	384	-----	527	-----	158	-----	427	165	-----
TOTAL	2,388	3,345	6,725	21,758	18,809	75,122	106,498	18,642	4,395	20,676	11,470	4,391
MEAN	77.0	112	217	702	649	2,423	3,557	601	147	667	370	146
MAX	99	197	452	1,850	2,060	5,620	10,300	4,790	220	2,560	960	214
MIN	70	73	136	175	306	477	411	157	105	188	165	98
CFSM	.13	.18	.36	1.16	1.07	4.00	5.87	.99	.24	1.10	.61	.24
IN.	.15	.21	.41	1.34	1.15	4.61	6.55	1.14	.27	1.27	.70	.27

CAL YR 1963: TOTAL 126,683 MEAN 347 MAX 3,130 MIN 70 CFSM .57 IN 7.77
 MAY YR 1964: TOTAL 294,419 MEAN 804 MAX 10,300 MIN 70 CFSM 1.33 IN 18.07

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	173	196	1,030	2,150	597	1,020	2,390	322	155	149	154	176
2	294	181	592	1,830	603	2,330	2,320	288	140	128	141	139
3	270	450	1,540	594	594	2,510	1,770	261	132	129	122	122
4	878	165	3,110	1,250	561	2,300	1,560	246	126	136	110	113
5	2,000	165	3,660	952	514	1,510	1,700	237	121	189	103	113
6	1,510	164	3,670	738	566	986	1,640	228	122	199	106	115
7	1,570	163	3,200	633	888	846	1,230	216	137	227	103	121
8	761	163	1,560	850	759	888	207	202	202	122	111	120
9	436	164	740	544	784	691	759	202	390	259	120	109
10	368	165	655	1,290	1,610	644	687	197	299	243	402	101
11	277	167	2,320	1,870	2,960	604	631	189	372	280	264	97
12	220	171	4,240	1,790	5,010	1,350	580	180	384	213	186	93
13	205	172	4,930	1,200	5,840	2,120	541	175	406	163	195	94
14	198	172	4,720	782	5,890	2,080	511	170	393	142	175	121
15	817	172	4,820	700	5,640	1,680	477	164	753	184	146	138
16	486	173	4,410	740	4,910	1,000	440	159	687	232	130	118
17	351	173	2,980	719	4,000	827	412	153	453	160	128	104
18	282	172	1,320	628	3,220	968	388	150	343	142	116	96
19	232	176	1,110	548	2,850	1,060	366	148	240	134	129	100
20	202	221	1,060	511	2,540	880	350	146	198	120	178	101
21	184	302	1,020	487	1,750	680	343	145	175	119	195	109
22	176	381	982	472	1,100	597	341	145	156	132	190	143
23	173	309	888	3,070	924	559	327	148	145	120	163	149
24	171	627	793	3,660	872	551	299	152	137	112	159	139
25	170	2,050	736	3,780	1,220	549	281	157	135	124	149	129
26	168	1,600	719	3,570	1,350	556	309	160	135	186	153	146
27	166	1,100	678	3,220	1,190	704	694	158	141	159	166	142
28	168	1,070	595	1,900	864	1,140	837	150	150	228	147	120
29	173	1,350	536	822	-----	1,430	590	166	133	256	231	111
30	185	1,290	506	711	-----	2,240	327	176	140	193	508	111
31	201	-----	1,530	657	-----	2,360	-----	171	-----	160	281	-----
TOTAL	13,425	13,543	59,560	43,344	59,497	37,531	23,988	5,766	7,564	5,416	5,461	3,590
MEAN	433	451	1,921	1,398	2,132	1,211	800	186	252	175	176	120
MAX	2,000	2,050	4,930	3,780	5,890	2,510	2,390	288	753	280	508	176
MIN	166	163	450	472	514	549	281	145	121	112	103	93
CFSM	.71	.74	3.17	2.31	3.52	2.00	1.42	.31	.42	.29	.29	.20
IN.	.82	.83	3.66	2.66	3.66	2.30	1.47	.35	.46	.33	.34	.22

CAL YR 1964: TOTAL 368,489 MEAN 1,007 MAX 10,300 MIN 98 CFSM 1.66 IN 22.61
 MAY YR 1965: TOTAL 278,885 MEAN 764 MAX 5,890 MIN 93 CFSM 1.26 IN 17.12

2-4680 Alamuchee Creek near Cuba, Ala

Location --Lat 32°26', long 88°20', in NE 1/4 sec 24, T 17 N, R 4 W, on left bank on downstream side of bridge on U S Highway 80, 2 1/2 miles northeast of Cuba and 4 miles upstream from Toomsaba Creek

Drainage area --63 sq mi, approximately

Records available --July 1954 to September 1965

Gage --Digital water-stage recorder Datum of gage is 161.50 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 Prior to June 4, 1965, graphic water-stage recorder at same site and datum

Average discharge --11 years, 70.3 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (750 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	0230	* 12,000	18 03	Apr 1, 1962	1600	1,120	12 59	Apr 28, 1964	0900	1,150	11 92
Mar 19, 1961	1600	893	10 94								
Mar 31, 1961	1900	4,080	15 94	Mar 7, 1963	1000	* 838	10 52	Oct 6, 1964	0200	1,080	11.87
June 27, 1961	0100	821	10 59	Mar 4, 1964	0430	1,110	11 67	Dec 12, 1964	2200	* 1,470	15 90
				Mar 16, 1964	1500	1,210	12 36	Jan 24, 1965	1800	1,200	12 55
Dec 18, 1961	1345	* 4,220	16 00	Apr 6, 1964	1500	* 12,700	18 35	Feb 13, 1965	1130	771	9 72
Jan 20, 1962	0600	1,700	14 34	Apr 14, 1964	2000	1,260	12 70				
Jan 28, 1962	0800	1,380	13 66								

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 25, 26, 1960	6 3	-	1964	Oct 21-25, 1963	a 3 0	-
1962	Sept 5, 1962	5 4	0 87	1965	Sept 24, 1965	4 4	77
1963	Sept 24, 1963	4 0	82				

a Minimum daily

1954-65 Maximum discharge, 12,700 cfs Apr 6, 1964 (gage height, 18.35 ft), minimum daily, 1.8 cfs Aug 30, Sept 9, 1957

Remarks --Records good

Revisions (water years).--WSP 1704 1955, 1956, 1958(P)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8.1	41	13	72	33	165	1,700	30	14	48	12	19
2	7.5	20	12	39	33	130	468	31	13	74	11	18
3	6.9	13	12	30	46	112	245	28	12	42	11	22
4	6.9	11	12	25	42	101	214	26	12	137	15	22
5	23	9.9	12	22	34	94	155	24	11	64	18	18
6	119	9.3	12	22	31	111	126	22	11	37	13	17
7	56	9.3	14	26	36	483	114	21	10	32	22	15
8	29	9.6	14	38	42	552	99	20	9.9	98	26	14
9	17	9.9	14	29	35	310	157	47	9.6	72	19	13
10	11	9.0	14	24	30	166	196	40	14	45	16	13
11	10	8.4	26	22	28	132	107	25	78	66	13	16
12	9.0	8.1	21	20	27	118	232	22	26	148	12	20
13	8.7	8.1	17	26	26	120	191	20	19	86	12	18
14	7.8	8.1	17	51	25	117	117	18	22	79	11	68
15	7.5	8.4	33	44	24	91	105	18	16	40	14	76
16	7.5	8.7	25	31	24	82	102	18	16	33	162	31
17	7.5	12	20	25	36	108	79	17	14	31	178	22
18	7.2	11	17	22	456	598	69	14	20	29	58	19
19	7.2	11	16	29	672	828	64	13	31	25	32	17
20	7.2	9.6	49	38	766	367	60	12	135	23	24	16
21	7.5	9.6	42	29	3,130	194	55	12	133	20	23	15
22	6.9	9.9	27	22	7,280	147	51	12	50	24	24	14
23	6.9	36	22	22	2,200	120	48	13	28	41	20	13
24	6.6	36	21	22	952	104	44	12	33	52	17	12
25	6.6	24	20	57	844	90	42	30	93	27	75	12
26	6.9	18	20	113	790	83	44	80	573	18	57	12
27	7.2	16	19	105	282	94	50	39	757	16	32	11
28	7.2	15	19	60	204	436	39	24	214	19	25	11
29	6.9	14	24	46	-----	870	33	20	75	17	22	11
30	7.8	14	38	40	-----	975	30	17	53	20	20	10
31	42	-----	148	35	-----	2,340	-----	15	-----	14	21	-----
TOTAL	476.5	425.9	770	1,186	18,128	10,238	5,236	740	2,502.5	1,176	1,015	595
MEAN	15.4	14.2	24.8	38.3	647	330	175	23.9	82.4	37.4	32.7	19.8
MAX	119	41	148	113	7,280	2,340	1,700	80	757	148	178	76
MIN	6.6	8.1	12	20	24	82	30	12	9.6	14	11	10
CFSM	.24	.23	.39	.61	10.3	5.24	2.77	.38	1.32	.76	.52	.31
IN.	.28	.25	.45	.70	10.7	6.04	3.09	.44	1.48	.87	.60	.35
CAL YR 1960: TOTAL	20,883.1			MEAN 57.1		MAX 796	MIN 3.6	CFSM .91	IN 12.33			
WAT YR 1961: TOTAL	42,788.9			MEAN 117		MAX 7,280	MIN 6.6	CFSM 1.86	IN 25.26			

2-4680 Alamuchee Creek near Cuba, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	10	11	39	247	151	80	983	119	19	13	19	6.0
2	27	10	37	134	132	84	900	93	23	11	11	5.8
3	90	15	35	105	119	101	161	74	17	10	11	5.6
4	44	44	34	94	110	90	125	62	15	9.9	27	5.6
5	24	77	34	150	105	92	117	55	14	9.9	17	5.6
6	18	37	42	404	96	74	277	49	14	9.6	30	6.0
7	16	24	54	290	84	66	283	44	13	12	19	6.0
8	14	20	42	167	83	64	157	40	14	11	12	5.8
9	14	17	75	131	84	95	121	36	40	9.6	9.6	6.0
10	14	16	489	132	79	97	102	34	29	8.7	9.0	5.8
11	13	16	651	117	71	83	97	31	22	8.1	8.4	5.6
12	12	16	686	106	68	78	435	29	22	8.4	8.1	9.3
13	12	26	1,070	101	68	64	294	27	24	10	8.1	12
14	11	188	1,050	110	65	58	134	25	19	8.7	8.1	7.2
15	11	136	1,160	396	66	77	108	24	19	9.0	13	9.3
16	10	118	1,440	564	96	70	89	22	14	8.7	56	7.8
17	11	107	942	238	78	56	80	21	12	8.4	19	8.1
18	11	58	3,000	246	64	51	76	20	12	8.1	11	8.4
19	10	46	1,520	834	64	50	71	20	11	8.4	11	7.2
20	10	40	516	1,360	58	50	64	19	11	8.1	9.6	6.6
21	10	35	217	631	209	51	58	18	11	7.2	8.1	6.0
22	10	34	169	241	452	48	55	17	11	6.9	7.8	6.0
23	10	297	143	239	346	45	50	16	11	6.9	7.5	6.0
24	10	315	119	316	232	42	54	15	10	6.6	7.5	6.0
25	10	108	106	217	153	108	121	14	12	6.6	7.5	5.6
26	9.9	74	98	208	120	177	68	14	20	6.9	7.5	6.9
27	9.9	62	108	710	106	82	52	13	54	6.9	6.9	8.1
28	9.9	55	120	1,180	92	65	344	13	21	7.8	6.6	7.2
29	10	48	89	526	-----	59	674	12	18	42	6.3	6.9
30	10	42	79	229	-----	58	251	12	15	35	6.0	6.3
31	11	-----	106	181	-----	593	-----	17	-----	22	6.0	-----
TOTAL	492.7	2,092	14,270	10,604	3,451	2,808	6,001	1,005	547	345.4	394.6	204.7
MEAN	15.9	69.7	460	342	123	90.6	200	32.4	18.2	11.1	12.7	6.82
MAX	90	315	3,000	1,360	452	593	983	119	54	42	56	12
MIN	9.9	10	34	94	58	42	50	12	10	6.6	6.0	5.6
CFSM	.25	1.11	7.31	5.43	1.46	1.44	3.16	.51	.29	.16	.20	.11
IN.	.29	1.23	8.42	6.26	2.04	1.66	3.54	.59	.32	.20	.23	.12

CAL YR 1961: TOTAL 57,971.2

MEAN 159

MAX 7,280

MIN 9.6

CFSM 2.52

IN 34.22

WAT YR 1962: TOTAL 42,215.4

MEAN 116

MAX 3,000

MIN 5.6

CFSM 1.84

IN 24.92

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.9	7.2	11	18	81	118	28	20	8.4	10	41	7.6
2	8.1	7.5	11	16	75	220	27	13	7.2	10	18	7.2
3	8.1	7.5	11	15	346	93	25	12	6.9	11	12	6.3
4	7.5	7.5	12	14	180	71	24	11	6.9	11	10	6.3
5	6.9	7.2	14	14	81	239	23	11	6.9	10	9.6	13
6	6.6	6.9	14	16	60	756	23	10	6.9	9.6	9.0	9.0
7	6.0	6.9	13	16	51	710	25	10	6.9	11	8.7	6.6
8	14	7.5	12	15	44	166	22	10	6.6	13	8.7	6.0
9	26	9.0	12	15	38	112	20	10	6.0	11	8.7	5.6
10	18	8.7	11	14	35	95	20	10	6.0	9.6	8.7	5.4
11	14	8.4	11	29	37	78	19	9.9	5.8	9.0	32	5.0
12	11	9.3	11	64	45	97	19	9.6	5.8	8.4	26	5.2
13	11	9.3	11	39	39	154	19	9.3	5.6	9.8	13	5.2
14	10	8.4	11	26	33	92	17	9.0	5.4	19	71	5.6
15	9.9	8.4	12	20	29	68	16	8.7	5.9	16	71	5.6
16	9.9	8.4	13	19	27	61	15	8.4	12	24	19	5.8
17	9.6	8.4	13	18	26	59	14	7.8	8.7	18	13	5.6
18	9.3	11	13	54	30	54	14	7.5	13	10	11	5.4
19	9.0	13	13	171	169	50	13	7.5	20	19	10	5.2
20	9.0	19	13	416	110	181	16	7.5	15	14	9.6	5.0
21	10	44	13	182	62	85	26	9.0	50	11	12	5.0
22	12	37	15	75	47	54	20	8.7	48	9.9	18	4.8
23	11	22	15	46	59	40	15	7.8	32	9.6	11	4.6
24	10	15	14	54	60	41	13	7.5	19	9.6	9.6	4.4
25	9.3	13	32	36	71	42	13	7.5	15	12	9.0	4.4
26	8.4	12	24	37	52	59	13	7.5	13	11	8.4	4.4
27	8.4	11	20	42	42	51	12	7.5	12	9.6	7.8	4.4
28	8.1	11	18	37	37	40	12	22	12	9.3	10	5.6
29	8.1	11	30	30	-----	35	12	18	11	9.0	9.9	5.4
30	8.1	12	30	79	-----	32	30	11	11	15	9.0	5.0
31	8.1	-----	23	133	-----	29	-----	9.0	-----	65	9.0	-----
TOTAL	312.3	367.5	474	1,779	1,947	3,988	566	317.7	388.9	433.4	523.7	174.8
MEAN	10.1	12.3	15.4	57.4	69.5	129	18.9	10.2	13.0	14.0	16.9	5.83
MAX	26	44	32	416	346	756	30	22	50	65	71	13
MIN	6.0	6.9	11	14	26	29	12	7.5	5.4	8.4	7.8	4.4
CFSM	.16	.19	.24	.91	1.10	2.04	.30	.16	.21	.22	.27	.09
IN.	.18	.22	.28	1.05	1.15	2.35	.33	.19	.23	.26	.31	.10

CAL YR 1962: TOTAL 26,516.5

MEAN 72.6

MAX 1,360

MIN 5.6

CFSM 1.15

IN 13.65

WAT YR 1963: TOTAL 11,274.3

MEAN 30.9

MAX 756

MIN 4.4

CFSM .49

IN 6.66

2-4680 Alamuchee Creek near Cuba, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.8	5.5	11	16	52	65	52	133	19	95	101	8.0
2	4.5	6.7	10	19	39	450	51	117	21	57	56	7.7
3	4.5	6.7	12	35	30	945	48	114	17	59	83	7.7
4	4.2	4.8	12	76	24	847	46	82	14	31	27	7.4
5	3.9	5.5	9.6	67	29	354	97	67	13	22	16	7.4
6	3.9	6.1	8.6	65	45	146	6,520	58	13	16	17	7.4
7	3.9	6.1	8.6	97	36	129	2,790	52	13	14	16	7.7
8	4.2	5.8	10	53	28	129	1,970	46	12	13	19	7.4
9	4.2	6.7	11	311	23	111	1,490	43	11	28	14	7.0
10	4.2	7.0	9.6	193	22	196	590	41	10	83	12	6.7
11	3.6	9.6	10	56	20	118	238	37	10	57	11	6.4
12	3.6	9.3	36	48	19	83	228	41	9.6	88	16	6.4
13	3.6	10	34	44	27	72	730	65	9.3	43	20	6.1
14	3.6	11	67	30	74	130	1,120	47	9.0	27	14	5.8
15	3.6	12	48	23	69	912	799	33	8.6	19	16	5.5
16	3.6	12	24	29	115	1,130	244	29	8.6	16	49	5.5
17	3.6	13	16	68	64	504	170	27	12	14	29	5.5
18	3.3	13	13	52	393	163	134	23	10	13	29	6.8
19	3.2	13	11	40	354	138	114	22	9.0	12	18	7.4
20	3.2	14	11	34	115	202	97	20	8.3	11	13	23
21	3.0	12	12	29	76	132	82	18	7.7	12	12	11
22	3.0	12	12	22	63	95	71	18	9.5	46	11	8.6
23	3.0	36	44	21	55	81	64	19	41	38	12	7.7
24	3.0	19	33	40	50	76	58	23	24	22	18	7.0
25	3.0	12	20	159	219	73	81	24	16	36	16	6.7
26	3.2	9.3	16	89	242	157	512	18	14	24	12	6.4
27	3.2	8.0	15	52	117	120	1,010	16	41	15	10	6.1
28	3.2	9.0	13	40	112	77	1,070	15	16	12	9.6	6.4
29	3.2	38	12	32	82	66	428	15	28	12	9.0	8.2
30	3.2	18	12	26	-----	59	205	14	36	12	8.3	18
31	3.6	-----	12	36	-----	53	-----	16	-----	15	8.0	-----
TOTAL	111.8	351.1	573.4	1,902	2,594	7,833	21,109	1,273	475.9	962	791.2	255.2
MEAN	3.61	18.5	18.5	61	89	253	683	42	31	36	31.0	8.2
MAX	4.8	11	18	311	393	1,130	6,520	133	41	95	101	24
MIN	3.0	4.8	6.6	16	19	53	46	14	7.7	11	8.0	5.5
CFSM	.06	.29	.29	.97	1.42	4.01	11.2	.66	.25	.49	.36	.14
IN.	.07	.21	.34	1.12	1.53	4.62	12.5	.76	.28	.57	.41	.15

CAL YR 1963: TOTAL 11,154.8 MEAN 30.6 MAX 756 MIN 3.0 CFSM .49 IN 6.58
 MAY YR 1964: TOTAL 38,158.3 MEAN 104 MAX 6,520 MIN 3.0 CFSM 1.65 IN 22.53

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	20	16	71	322	79	190	113	21	9.2	13	10	9.2
2	16	16	62	138	85	592	93	19	8.9	13	9.5	8.3
3	12	15	61	133	70	402	88	18	8.3	12	8.9	8.0
4	221	15	500	100	65	211	116	16	8.6	10	8.6	8.3
5	927	15	669	80	62	162	114	15	8.6	18	8.3	9.2
6	697	15	208	72	86	138	79	15	13	15	8.3	9.2
7	86	14	116	69	163	119	69	15	31	15	8.3	8.6
8	54	15	94	64	100	102	64	14	25	31	8.9	8.0
9	42	15	81	62	82	92	59	13	13	22	13	7.4
10	34	15	71	122	138	86	54	13	11	60	17	7.4
11	28	14	455	111	227	85	50	13	23	21	16	7.4
12	25	15	1,110	72	138	323	65	13	21	15	11	7.4
13	24	15	1,040	63	611	637	81	13	16	13	19	8.6
14	26	16	244	59	696	304	50	12	175	13	14	8.6
15	171	15	148	57	167	173	44	11	236	13	11	8.0
16	105	15	119	66	135	138	41	11	60	16	10	7.7
17	51	16	104	58	337	123	34	11	39	24	9.2	7.1
18	36	17	124	50	556	144	32	11	24	14	8.9	7.1
19	28	20	120	48	284	107	32	11	19	15	8.6	7.4
20	24	75	110	46	184	87	28	11	18	13	8.6	7.1
21	21	50	133	46	158	78	27	10	15	11	9.2	7.4
22	20	28	107	55	134	73	25	10	13	10	10	7.4
23	19	22	96	675	113	83	24	11	13	9.8	11	7.1
24	18	92	87	1,060	126	122	22	11	13	9.5	10	7.1
25	18	538	78	658	250	88	23	11	36	72	8.9	7.1
26	16	284	70	209	134	76	23	11	16	27	8.3	6.8
27	16	91	63	147	109	74	39	10	13	15	8.0	6.8
28	16	156	56	116	100	84	41	11	14	21	8.6	6.8
29	23	229	93	105	-----	79	27	10	13	14	48	7.1
30	22	104	56	97	-----	265	25	9.8	12	13	16	8.9
31	19	-----	268	84	-----	178	-----	9.5	-----	11	11	-----
TOTAL	2,835	1,963	6,574	5,044	5,389	5,415	1,582	390.3	925.6	590.3	366.1	232.5
MEAN	91.5	65.4	212	163	192	175	52.7	12.6	30.9	19.0	11.8	7.4
MAX	927	538	1,110	1,060	696	637	116	21	236	72	48	9.2
MIN	12	14	53	46	62	73	22	9.5	8.3	9.5	8.0	6.8
CFSM	1.45	1.04	3.37	2.58	3.05	2.77	.84	.20	.49	.30	.19	.12
IN.	1.67	1.16	3.88	2.98	3.18	3.20	.93	.23	.55	.35	.22	.14

CAL YR 1964: TOTAL 48,494.0 MEAN 132 MAX 6,520 MIN 8.5 CFSM 1.30 IN 18.43
 MAY YR 1965: TOTAL 31,306.8 MEAN 85.8 MAX 1,110 MIN 8.5 CFSM 1.30 IN 18.43

2-4690 Kinterbish Creek near York, Ala

Location --Lat 32°19', long 88°11', in NE 1/4 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, 5 1/2 miles downstream from Little Kinterbish Creek, and 14 miles southeast of York

Drainage area --91.4 sq mi

Records available --July 1954 to September 1965

Gage --Water-stage recorder Altitude of gage is 120 ft (by barometer)

Average discharge --11 years, 106 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,100 cfs revised), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	0900	* 14,400	22 25	Jan 19, 1962	-	-	-	Apr 14, 1964	-	2,440	17 47
Feb 25, 1961	0800	1,950	15 41	Jan 27, 1962	-	-	-	Apr 27, 1964	-	2,090	16 10
Mar 8, 1961	-	-	-	Apr 1, 1962	-	-	-	Aug 16, 1964	0245	1,200	11 52
Mar 19, 1961	-	-	-								
Mar 30, 1961	-	-	-	Jan 20, 1963	0200	* 578	7 03	Oct 5, 1964	1500	* 2,170	18 51
June 26, 1961	1600	1,300	12 12	Mar 3, 1964	-	1,320	12 22	Dec 12, 1964	1800	1,410	12 72
Dec 13, 1961	0900	* 1,960	15 43	Mar 16, 1964	-	1,390	12 62	Jan 23, 1965	1745	1,710	14 22
Dec 18, 1961	1900	* 2,580	17 87	Apr 6, 1964	1800	* 15,000	23 00				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 26, 29, 30, 1960	15	0 85	1964	Oct 11-25, 1963	a 6 4	-
1962	Sept 2, 4, 1962	11	81	1965	June 6, 1965	13	92
1963	Sept 25, 1963	5 1	-				

a Minimum daily

1964-65 Maximum discharge, 15,000 cfs Apr 6, 1964 (gage height, 23 0 ft), from rating curve extended above 6,700 cfs on basis of contracted-opening measurement of peak flow, minimum, 1 8 cfs Aug 15, Oct 8, 1964

Remarks --Records fair except those for periods of no gage-height record or backwater from beaver dams, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	20	66	24	226	60	315	3,500	66	34	106	51	60
2	18	38	24	100	58	263	781	67	32	127	47	60
3	17	28	24	69	72	232	404	62	30	142	50	61
4	16	24	24	57	65	214	354	58	28	446	59	54
5	17	23	24	53	57	198	285	56	28	165	63	69
6	83	24	24	49	54	417	252	53	28	156	61	49
7	72	23	24	47	59	990	236	50	27	229	126	48
8	50	23	26	63	62	1,700	205	49	26	318	96	42
9	35	23	27	62	56	1,180	277	100	24	264	97	38
10	27	26	28	51	51	401	297	81	24	156	66	35
11	24	26	44	46	48	313	201	60	30	537	53	42
12	21	21	55	44	45	276	519	57	38	679	47	54
13	20	21	36	45	44	268	347	52	34	606	50	53
14	19	22	30	84	42	277	237	50	65	275	44	218
15	18	21	46	74	41	208	204	51	47	196	49	215
16	18	23	71	59	41	186	184	50	45	152	302	83
17	17	28	47	50	65	235	157	44	39	183	292	60
18	17	28	37	45	869	680	137	41	49	247	118	51
19	18	28	33	48	877	1,700	125	40	59	154	70	45
20	18	25	34	65	1,350	600	115	38	173	126	57	43
21	18	24	101	54	2,510	355	106	37	173	185	62	40
22	17	24	63	45	10,200	280	102	38	72	141	56	38
23	20	53	46	44	2,740	222	95	36	50	135	51	36
24	16	54	40	44	1,510	190	89	36	125	118	211	35
25	16	39	39	83	1,900	170	84	42	198	95	269	33
26	15	31	37	204	1,240	158	92	93	898	77	114	32
27	16	28	36	172	435	180	107	77	925	68	74	31
28	16	28	34	99	375	720	84	52	258	66	59	30
29	15	30	34	82	-----	1,900	72	45	152	61	51	29
30	28	26	43	70	-----	2,100	67	40	113	57	51	28
31	122	-----	112	63	-----	4,200	-----	36	-----	53	79	-----
TOTAL	844	878	1,267	2,297	24,926	21,128	9,715	1,657	3,824	6,320	2,875	1,712
MEAN	27.2	29.3	40.9	74.1	890	682	324	53.5	127	204	92.7	57.1
MAX	122	66	112	226	10,200	4,200	3,500	100	925	679	302	218
MIN	15	21	24	44	41	158	67	36	24	53	44	28
CFSM	.30	.32	.45	.81	9.74	7.46	3.54	.58	1.39	2.23	1.01	.62
IN.	.34	.36	.52	.93	10.1	8.60	3.95	.67	1.56	2.57	1.17	.70

CAL VR 1960: TOTAL 32,300.9 MEAN 88.3 MAX 10,200 MIN 15 CFSM 2.97 IN 13.17
MAY VR 1961: TOTAL 77,443 MEAN 212 MAX 10,200 MIN 15 CFSM 2.32 IN 13.17

Note --No gage-height record Mar 7, 8, 18, 19, Mar 28 to Apr 1

MOBILE RIVER BASIN

607

2-4690 Kinterbish Creek near York, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	26	27	63	384	247	139	1,100	219	34	25	39	12
2	28	27	61	249	226	153	359	167	32	22	26	12
3	64	31	59	193	207	187	249	131	30	21	25	12
4	51	71	58	170	195	168	200	110	29	21	42	14
5	36	116	58	199	188	175	191	97	26	19	34	14
6	32	58	68	446	170	142	362	87	25	22	41	19
7	30	43	78	348	153	126	369	78	25	36	27	16
8	30	37	66	237	152	119	234	70	30	24	22	14
9	30	34	148	193	154	169	185	64	43	19	19	16
10	29	34	700	194	140	175	158	60	43	17	17	16
11	28	34	800	184	126	158	144	56	46	16	16	17
12	27	34	1,500	171	124	138	436	53	85	16	16	19
13	26	38	1,900	158	123	115	425	50	49	18	15	98
14	26	214	1,330	168	117	106	226	46	39	20	15	32
15	25	174	1,700	568	116	140	181	44	31	31	17	29
16	24	195	1,590	560	206	126	148	42	28	19	62	24
17	25	165	1,010	382	157	102	131	40	26	19	29	31
18	25	83	2,430	395	124	96	123	38	25	17	21	31
19	25	67	1,920	1,100	117	95	114	36	25	16	18	22
20	24	59	552	1,900	106	94	103	34	29	15	18	19
21	24	53	359	543	323	97	92	33	27	14	18	17
22	25	52	296	400	475	90	87	32	23	14	17	16
23	25	400	262	370	347	85	81	31	23	14	17	16
24	25	375	222	428	382	82	115	30	32	16	16	16
25	25	150	198	328	259	147	398	29	31	16	16	15
26	25	108	183	295	209	188	213	28	34	18	15	16
27	24	92	208	1,100	181	111	126	27	78	19	15	21
28	24	83	230	880	154	93	400	23	28	19	15	26
29	26	75	171	420	-----	87	884	25	31	55	13	17
30	26	66	151	340	-----	90	410	26	28	61	13	16
31	27	-----	179	276	-----	780	-----	34	-----	33	12	-----
TOTAL	887	2,995	18,550	13,480	5,400	4,573	8,238	1,843	1,040	2,96	684	2,58
MEAN	28.6	99.8	598	430	168	148	258	59.0	35.0	9.6	21.6	81.5
MAX	64	400	2,430	1,900	473	780	1,100	219	85	61	62	98
MIN	24	27	58	158	106	82	81	25	23	14	12	12
CFSM	.31	1.09	6.55	4.76	2.14	1.61	3.00	.65	.38	.25	.24	.24
IN.	.36	1.22	7.55	5.48	2.23	1.86	3.35	.75	.43	.28	.28	.27

CAL YR 1961: TOTAL 96,886 MEAN 265 MAX 10,200 MIN 24 CFSM 2.90 IN 39.42
 MAY YR 1962: TOTAL 59,133 MEAN 162 MAX 2,430 MIN 12 CFSM 1.77 IN 24.06

Note --No gage-height record Jan 18, 19, 27-30, Mar 30 to Apr 1

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	17	16	26	34	124	214	48	38	23	25	113	11
2	25	16	25	31	110	275	46	27	19	23	42	9.4
3	24	16	25	29	425	142	46	25	17	26	27	9.4
4	21	16	27	28	227	116	44	23	15	38	25	10
5	18	16	32	28	131	147	42	21	14	32	19	11
6	17	16	31	32	104	526	42	21	16	25	16	12
7	16	16	28	38	89	288	44	20	14	31	14	9.7
8	17	25	27	73	165	19	42	13	13	27	16	8.2
9	66	21	27	70	131	40	19	12	28	14	7.5	7.5
10	34	21	26	28	66	115	38	18	12	20	12	7.5
11	25	19	25	43	65	101	38	17	11	18	34	7.1
12	21	20	24	134	78	106	36	16	11	17	124	6.9
13	19	24	24	66	68	162	38	16	11	17	32	6.9
14	19	21	24	46	59	115	34	16	11	22	128	7.3
15	18	20	24	38	54	91	32	16	10	27	90	8.2
16	17	20	27	36	52	85	31	15	12	34	34	8.7
17	17	22	28	35	50	81	30	14	20	44	26	9.4
18	17	25	26	74	52	75	29	14	22	59	22	9.2
19	16	33	25	195	279	71	27	13	58	90	19	8.7
20	16	38	26	528	173	156	27	13	48	50	17	8.0
21	17	151	26	284	106	110	46	18	103	34	19	6.9
22	14	42	30	130	76	62	31	16	310	26	23	8.4
23	21	42	31	101	73	68	31	16	173	22	17	5.8
24	18	32	27	94	104	63	27	14	115	22	15	5.8
25	16	29	60	72	116	60	26	13	59	46	13	5.2
26	16	28	46	71	88	71	28	13	42	31	12	5.4
27	16	27	36	88	75	75	27	13	42	25	11	6.9
28	16	26	34	71	68	61	27	92	32	21	11	9.7
29	16	26	56	61	-----	56	27	168	31	19	11	12
30	17	27	63	136	-----	53	31	61	28	21	12	11
31	17	-----	39	206	-----	50	-----	29	-----	49	12	-----
TOTAL	644	945	975	2,816	3,065	3,905	1,062	843	1,305	960	980	251.2
MEAN	20.8	31.5	31.5	90.8	109	126	35.4	27.2	43.5	31.3	31.6	8.37
MAX	66	151	63	528	425	526	48	168	310	90	128	12
MIN	16	16	24	28	50	50	26	13	10	17	11	5.2
CFSM	.23	.34	.34	.99	1.20	1.38	.39	.30	.48	.34	.35	.09
IN.	.26	.38	.40	1.15	1.25	1.59	.43	.34	.53	.39	.40	.10

CAL YR 1962: TOTAL 39,265 MEAN 108 MAX 1,900 MIN 12 CFSM 1.18 IN 15.98
 MAY YR 1963: TOTAL 17,760.2 MEAN 48.7 MAX 528 MIN 5.2 CFSM .53 IN 7.23

Note --Backwater from beaver dam July 20 to Sept 30

2-4690 Kinterbish Creek near York, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9.4	9.2	21	23	172	94	83	228	50	42	97	19
2	9.2	12	17	53	93	597	80	213	51	42	198	18
3	8.4	14	20	32	72	1,230	77	191	40	40	113	16
4	8.0	11	21	67	62	628	75	152	36	36	57	16
5	7.3	11	17	84	63	452	140	126	33	31	44	26
6	6.9	12	16	68	91	258	8,540	110	32	28	55	21
7	6.9	12	15	123	73	198	3,930	98	36	22	44	17
8	6.6	12	16	64	59	172	2,260	90	32	20	44	17
9	6.6	13	19	274	53	159	1,750	83	29	114	42	16
10	6.6	14	18	212	49	346	551	76	43	89	32	15
11	6.4	19	17	83	46	201	362	70	37	48	31	15
12	6.4	19	56	67	44	150	355	155	30	104	31	16
13	6.4	20	44	61	45	123	1,300	297	27	54	67	16
14	6.4	21	88	48	175	159	2,180	121	28	40	38	14
15	6.4	24	74	42	100	1,070	954	86	24	32	122	14
16	6.4	24	31	42	170	1,230	386	75	27	27	546	15
17	6.4	26	24	88	103	384	294	65	29	24	131	15
18	6.4	26	20	68	484	238	248	59	25	22	101	18
19	6.4	26	18	51	408	210	214	55	23	21	57	32
20	6.4	29	16	46	171	282	187	52	22	20	44	31
21	6.4	24	17	42	124	205	163	49	21	25	35	24
22	6.4	24	18	38	104	162	144	19	104	214	35	20
23	6.4	64	32	37	89	142	135	66	22	240	38	18
24	6.4	36	36	90	80	129	122	55	96	73	46	16
25	6.4	23	26	636	221	125	170	55	40	72	38	15
26	6.8	19	23	217	247	173	956	49	28	61	32	14
27	7.0	17	22	111	150	154	2,000	42	41	40	28	14
28	7.0	18	20	84	149	118	1,500	38	38	33	25	16
29	7.0	56	18	69	116	103	483	38	50	30	23	54
30	6.6	32	17	61	-----	90	302	36	42	29	20	131
31	9.2	-----	17	118	-----	86	-----	38	-----	54	19	-----
TOTAL	215.5	667.2	814	3,099	3,757	9,684	29,945	2,914	1,051	1,729	2,233	689
MEAN	6.95	22.2	26.3	100	130	312	998	94.0	35.0	55.8	72.0	23.0
MAX	9.4	64	88	636	484	1,230	8,540	297	96	240	546	131
MIN	6.4	9.2	15	23	44	86	75	36	19	20	19	14
CFSM	.08	.24	.29	1.09	1.42	3.42	10.9	1.03	.38	.61	.79	.25
IN.	.09	.27	.33	1.26	1.53	3.94	12.2	1.19	.43	.70	.91	.28

CAL YR 1963: TOTAL 16,892.9 MEAN 46.3 MAX 528 MIN 5.2 CFSM .51 IN 6.87

MAT YR 1964: TOTAL 56,797.7 MEAN 155 MAX 8,540 MIN 6.4 CFSM 1.70 IN 23.11

Note --No gage-height record Mar 2-4, Apr 13, 14, 26-28

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	119	52	113	212	138	278	171	46	16	19	17	21
2	75	50	101	196	151	632	144	46	19	16	17	19
3	48	97	176	131	383	133	42	15	18	17	19	19
4	401	45	424	145	119	278	158	40	14	28	15	19
5	2,080	46	632	121	115	227	140	38	14	55	14	30
6	1,050	44	227	113	129	200	121	36	13	42	14	26
7	198	44	162	109	224	174	115	36	17	26	14	19
8	135	45	137	103	162	158	120	34	32	52	15	16
9	106	46	121	101	148	146	107	33	26	46	20	14
10	86	46	109	160	237	140	95	32	21	58	27	14
11	74	43	614	141	410	134	88	31	40	50	88	14
12	66	44	1,380	109	845	559	113	31	49	32	54	19
13	62	44	928	99	733	796	148	28	37	25	40	17
14	61	44	325	93	318	350	96	27	344	24	33	21
15	371	44	242	91	241	259	79	26	683	37	30	17
16	285	44	204	101	206	223	75	25	186	153	23	15
17	135	44	181	90	554	207	67	24	78	59	20	14
18	98	44	282	82	731	248	63	23	55	32	19	22
19	77	47	242	81	360	186	61	22	43	26	23	15
20	81	193	200	80	263	164	60	21	35	23	26	18
21	68	100	216	79	227	149	56	21	30	20	22	18
22	62	60	187	83	195	141	54	21	28	19	24	20
23	56	52	172	1,260	174	158	52	23	25	21	25	21
24	52	93	160	1,500	217	217	50	27	24	21	19	18
25	50	534	148	678	360	165	48	28	24	23	16	16
26	48	142	134	303	210	144	50	23	24	40	15	15
27	47	129	120	231	176	137	106	21	23	29	14	15
28	48	226	199	195	163	137	88	21	28	32	17	14
29	64	286	105	177	-----	131	60	21	26	24	47	15
30	62	150	103	166	-----	245	51	20	21	24	28	25
31	57	-----	180	146	-----	210	-----	17	-----	20	21	-----
TOTAL	6,221	2,829	8,445	7,221	7,939	7,576	2,769	882	1,986	1,097	773	544
MEAN	201	94.3	272	233	284	244	92.3	28.5	66.2	35.4	24.9	18.1
MAX	2,080	534	1,380	1,500	845	796	171	46	683	153	88	30
MIN	47	43	97	79	115	131	48	17	13	16	14	14
CFSM	2.20	1.03	2.98	2.55	3.10	2.67	1.01	.31	.72	.39	.27	.20
IN.	2.53	1.15	3.44	2.94	3.23	3.08	1.13	.96	.81	.45	.31	.22

CAL YR 1964: TOTAL 72,396 MEAN 198 MAX 9,340 MIN 14 CFSM 2.17 IN 29.24

MAT YR 1965: TOTAL 48,282 MEAN 132 MAX 2,080 MIN 13 CFSM 1.45 IN 19.65

MOBILE RIVER BASIN

609

2-4695 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, 2.5 miles upstream from Yantley Creek, 4 miles downstream from Bogue-chitto Creek, and 7 miles northeast of Butler

Drainage area --112 sq mi

Records available --August 1954 to September 1965

Gage --Water-stage recorder

Average discharge --11 years, 126 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (cfs) and peak discharges above base (1,500 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	1100	* 13,400	20 13	Jan 20, 1962	1000	3,650	15 90	Apr 6, 1964	-	* 35,100	22 90
Feb 25, 1961	2230	3,100	14 47	Jan 28, 1962	0400	1,740	9 92				
Mar 8, 1961	0800	2,190	11 42	Apr 12, 1962	1800	1,940	10 60	Oct 5, 1964	1300	2,050	11 23
Mar 19, 1961	0630	2,510	12 49	Apr 29, 1962	0500	1,780	10 06	Dec 12, 1964	1830	2,270	11 98
Apr 1, 1961	0300	5,100	17 45					Jan 24, 1965	1600	* 3,210	14 92
June 20, 1961	2230	1,670	9 70	Mar 6, 1963	1300	* 1,090	7 43	Feb 12, 1965	2400	1,570	9 35
June 27, 1961	0830	1,670	9 69					Feb 18, 1965	1000	1,830	10 40
Dec 19, 1961	0100	* 4,390	17 13	Mar 3, 1964	2100	2,260	11 93				
				Mar 16, 1964	0900	2,810	13 67				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 29, 1960	8 0	-	1964	Oct 26-30, 1963	a 10	-
1962	Sept 4-6, 26, 1962	3 8	-	1965	June 6, 7, 1965	10	-
1963	Sept 26, 1963	1 8	0 23				

a Minimum daily

1954-65 Maximum discharge, 35,100 cfs Apr 6, 1964 (gage height, 22.9 ft. from flood marks), from rating curve extended above 9,000 cfs on basis of contracted-opening measurement of peak flow, minimum daily, 0.10 cfs Oct 28-30, 1963

Remarks --Records good except those for period of no gage-height record, which are poor

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	21	173	17	382	92	423	4,050	64	29	110	41	59
2	17	64	16	179	89	333	1,440	64	27	124	40	39
3	16	38	16	109	100	288	529	58	25	87	38	47
4	14	28	15	77	101	257	438	51	24	74	48	40
5	14	22	14	61	76	234	353	49	22	87	44	56
6	21	19	14	52	68	230	312	45	28	58	39	33
7	45	17	14	49	81	1,380	297	41	32	47	38	28
8	41	16	16	82	89	1,900	249	39	23	100	61	25
9	30	15	16	103	73	1,090	290	41	21	122	131	23
10	23	15	16	66	62	439	346	52	20	82	89	22
11	18	15	20	54	57	335	238	43	19	465	57	22
12	16	15	35	49	55	290	757	39	19	816	47	27
13	14	14	28	49	50	259	517	37	21	516	41	34
14	13	14	22	100	49	233	311	35	27	248	39	42
15	12	14	28	112	47	198	256	36	28	165	37	110
16	12	14	68	82	45	180	220	66	23	123	200	48
17	11	14	51	64	149	259	185	47	21	100	106	33
18	10	15	35	55	1,910	1,960	165	34	21	91	73	28
19	9-8	15	29	51	2,230	2,040	148	31	31	103	45	24
20	9-8	15	28	60	2,100	528	135	29	482	105	40	23
21	9-2	14	54	58	5,220	397	123	78	1,390	155	92	22
22	9-2	14	68	47	11,000	339	112	255	284	123	60	22
23	9-2	17	46	44	5,270	275	105	85	116	105	43	22
24	9-2	32	38	45	2,390	234	99	73	82	94	58	19
25	8-6	28	35	169	2,670	203	89	52	161	79	148	17
26	8-6	22	34	444	2,160	187	88	49	838	68	104	17
27	8-6	20	33	385	588	184	105	49	1,450	59	57	16
28	8-6	19	31	212	474	1,080	99	43	357	52	46	15
29	8-6	19	30	160	-----	2,220	76	37	175	49	38	14
30	28	18	36	127	-----	2,110	66	34	128	46	34	14
31	271	-----	179	104	-----	3,030	-----	31	-----	43	60	-----
TOTAL	746.4	755	1,082	3,631	37,291	23,115	12,198	1,687	5,924	4,496	1,994	941
MEAN	24.1	25.2	34.9	117	1,332	746	407	54.4	197	145	64.3	31.4
MAX	271	173	179	444	11,000	3,030	4,050	255	1,450	816	200	110
MIN	8-6	14	14	44	45	180	66	29	43	34	34	14
CFSM	.21	.22	.31	1.05	11.9	6.66	3.63	.49	1.76	1.29	.57	.28
IN.	.25	.25	.36	1.21	12.4	7.68	4.05	.56	1.97	1.49	.66	.31

CAL YR 1960: TOTAL 41,646.8 MEAN 114 MAX 1,900 MIN 5.4 CFSM 1.02 IN 13.83
WAT YR 1961: TOTAL 93,860.4 MEAN 257 MAX 11,000 MIN 8.6 CFSM 2.30 IN 31.17

2-4695 Tuckabum Creek near Butler, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	13	9.2	37	461	268	151	1,070	278	25	37	33	5.0
2	14	9.2	35	307	237	237	358	201	57	28	24	4.6
3	20	10	34	229	211	336	237	156	50	24	25	4.2
4	32	16	33	194	193	264	188	126	39	22	45	3.8
5	23	34	33	201	182	271	167	109	30	22	33	3.8
6	17	28	47	546	173	216	434	94	25	22	45	3.8
7	15	22	61	446	149	179	592	82	24	21	30	4.2
8	14	17	56	300	140	162	316	74	23	19	22	3.6
9	14	16	117	236	145	163	294	65	114	17	18	5.0
10	14	14	350	223	137	186	187	58	49	17	16	5.0
11	14	13	1,450	207	120	194	219	54	539	16	15	14
12	14	13	1,170	189	114	171	1,690	50	530	15	14	15
13	14	17	2,300	187	110	137	1,130	47	97	14	14	24
14	14	33	1,540	191	106	119	372	43	55	14	13	14
15	13	97	1,710	848	101	162	269	41	43	15	22	14
16	11	82	1,970	975	109	169	209	40	36	25	78	12
17	11	132	1,260	434	119	126	174	38	31	20	30	12
18	11	60	3,380	512	100	114	157	36	28	17	18	8.6
19	11	40	3,610	2,290	108	109	143	35	25	13	16	7.4
20	10	34	902	3,290	100	103	125	33	29	14	14	6.2
21	10	29	426	1,140	250	102	111	31	30	14	13	5.6
22	9.8	27	344	501	564	98	98	29	24	13	12	5.0
23	9.8	212	294	414	353	88	91	27	22	13	11	5.0
24	9.8	308	242	414	440	84	106	25	31	14	10	4.6
25	9.8	116	210	347	328	91	386	24	96	15	9.0	4.2
26	9.8	74	180	308	256	129	149	24	70	16	8.0	6.1
27	9.8	58	188	1,110	212	96	101	23	40	20	7.0	5.6
28	9.8	50	260	1,370	179	80	942	22	29	30	6.0	5.6
29	9.8	44	187	514	-----	75	1,630	20	194	55	5.6	5.0
30	9.2	40	157	378	-----	72	542	21	64	70	4.2	-----
31	9.2	-----	188	314	-----	671	-----	22	-----	45	5.0	-----
TOTAL	405.8	1,654.4	22,771	19,076	5,504	5,155	12,427	1,928	2,409	699	617.2	223.1
MEAN	13.1	55.1	735	615	197	166	414	62.2	80.3	22.5	19.9	7.44
MAX	32	308	3,610	3,290	564	671	1,690	290	539	70	78	24
MIN	9.2	9.2	33	187	100	72	91	20	22	13	5.0	3.8
CFSM	.12	.49	6.56	5.49	1.76	1.48	3.70	.56	.72	.20	.18	.07
IN.	.13	.55	7.56	6.33	1.83	1.71	4.13	.64	.80	.23	.20	.07

CAL YR 1961: TOTAL 116,108.2 MEAN 318 MAX 13,000 MIN 9.2 CFSM 2.84 IN 38.55
 MAY YR 1962: TOTAL 72,869.5 MEAN 208 MAX 3,610 MIN 9.2 CFSM 1.78 IN 24.20

Note --No gage-height record July 16 to Aug 28

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.0	5.0	13	23	123	80	43	17	12	17	220	8.6
2	8.6	5.0	13	20	104	215	41	16	9.2	16	61	5.6
3	12	5.0	12	18	749	131	39	15	7.4	14	24	4.6
4	8.6	5.0	12	17	398	101	36	14	6.2	14	17	4.2
5	6.8	5.0	13	17	197	206	35	13	6.2	23	12	3.8
6	5.0	5.0	14	17	139	956	33	13	5.6	20	10	3.8
7	4.2	5.0	14	17	110	415	33	12	13	14	9.2	3.4
8	11	5.6	14	17	89	229	33	12	14	12	8.0	3.4
9	32	6.2	14	17	72	167	31	12	9.2	11	7.4	3.8
10	32	6.8	12	16	64	141	30	11	6.2	9.8	7.4	3.4
11	17	7.4	12	47	61	114	28	10	5.0	9.2	6.8	2.6
12	9.8	8.6	12	71	64	180	28	10	5.0	8.0	34	2.2
13	7.4	8.0	11	59	65	197	29	9.2	4.6	8.0	26	2.2
14	6.2	7.4	10	35	56	191	29	9.2	3.8	11	22	2.2
15	5.6	7.4	10	27	52	284	24	9.2	3.8	13	31	2.6
16	5.0	7.4	11	23	48	168	22	9.2	4.6	18	21	6.2
17	5.6	7.4	12	22	46	126	20	8.0	28	19	14	4.2
18	5.0	9.2	13	44	51	103	20	8.0	12	19	10	3.8
19	5.0	9.2	13	274	402	87	19	6.8	10	35	9.2	3.4
20	5.0	14	13	862	280	180	19	6.2	23	20	8.0	3.0
21	5.0	114	13	562	147	144	25	6.2	25	13	13	3.0
22	6.2	225	13	201	101	96	34	6.8	108	12	11	2.6
23	8.6	50	13	118	77	76	23	8.0	127	9.8	8.0	2.6
24	9.2	26	14	98	106	66	19	6.8	308	9.8	6.8	2.2
25	6.2	19	17	63	169	62	17	6.2	90	19	6.2	2.2
26	5.0	17	27	58	114	62	17	6.2	40	12	5.6	1.8
27	5.0	15	24	72	89	63	19	6.2	27	10	5.6	2.2
28	5.0	14	20	63	72	55	21	8.0	22	9.2	5.0	3.8
29	5.0	14	21	49	-----	50	18	17	20	8.6	4.6	4.2
30	5.0	14	30	75	-----	48	18	47	21	57	14	3.8
31	5.0	-----	32	182	-----	45	-----	20	-----	43	14	-----
TOTAL	263.0	647.6	472	3,204	4,045	5,058	803	359.2	976.8	514.4	651.8	105.8
MEAN	8.48	21.6	15.2	103	144	163	26.8	11.6	32.6	16.6	21.0	3.33
MAX	32	229	32	862	749	956	43	47	308	57	220	8.6
MIN	4.2	5.0	10	16	46	45	17	6.2	3.8	8.0	4.6	1.8
CFSM	.08	.19	.14	.92	1.29	1.46	.24	.10	.29	.15	.19	.03
IN.	.09	.22	.16	1.06	1.34	1.68	.27	.12	.32	.17	.22	.04

CAL YR 1962: TOTAL 49,420.9 MEAN 135 MAX 3,290 MIN 3.8 CFSM 1.21 IN 16.41
 MAY YR 1963: TOTAL 17,100.6 MEAN 46.9 MAX 956 MIN 1.8 CFSM .42 IN 5.68

2-4695 Tuckabum Creek near Butler, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.8	.30	12	14	194	124	92	229	22	110	54	17
2	3.4	.40	9.0	14	114	727	85	217	23	52	89	17
3	3.4	.40	7.2	21	77	2,080	79	215	24	42	90	15
4	3.4	.40	6.7	63	64	1,090	86	157	24	35	40	14
5	3.0	.40	6.2	91	58	646	108	126	22	39	35	14
6	2.6	.40	6.2	79	99	391	15,900	104	21	32	32	14
7	2.2	.40	6.8	181	76	278	5,400	92	20	26	32	10
8	2.2	.50	6.2	104	58	227	5,240	78	20	22	45	9.8
9	2.6	.50	5.6	305	50	195	2,840	69	19	186	49	9.2
10	2.2	.50	5.0	326	44	291	898	63	18	331	33	8.6
11	3.0	.70	9.3	111	42	247	468	58	22	102	28	8.6
12	2.6	.70	100	68	39	179	372	114	19	81	25	8.6
13	1.8	.70	111	63	38	147	668	162	17	69	26	8.0
14	1.8	.80	121	47	512	99	1,040	99	48	39	6.8	
15	1.8	.90	163	38	139	2,200	480	60	16	39	28	6.2
16	1.8	.90	51	36	277	2,570	349	52	16	34	23	6.2
17	1.8	1.0	27	132	165	671	265	47	15	29	27	5.0
18	1.8	1.0	12	124	364	379	223	44	14	27	83	14
19	1.8	1.0	17	70	72	316	193	41	14	25	48	58
20	1.8	1.1	13	56	284	480	159	39	13	23	34	31
21	1.8	.90	13	49	187	332	133	37	12	29	27	18
22	2.2	.90	18	140	248	114	34	38	12	36	24	12
23	1.4	.54	17	38	116	206	98	32	12	69	34	11
24	1.4	.31	28	70	97	180	84	32	18	62	30	9.2
25	.80	.20	24	946	186	162	130	32	59	50	33	8.0
26	.50	.11	19	556	319	193	700	31	32	55	43	7.4
27	.20	.80	17	189	199	218	1,100	30	28	38	50	6.8
28	.20	.14	15	125	224	153	1,600	27	42	31	31	7.8
29	.10	.57	14	88	169	131	700	25	102	26	25	128
30	.10	.26	12	67	-----	110	430	23	155	23	22	65
31	.20	-----	12	73	-----	97	-----	22	-----	23	19	-----
TOTAL	57.60	235.80	886.2	4,184	5,224	15,780	38,034	2,391	848	1,796	1,198	554.2
MEAN	1.86	7.86	28.6	135	180	509	1,268	77.1	28.3	57.9	36.6	18.5
MAX	3.8	.57	163	946	864	2,570	15,900	229	155	331	90	128
MIN	.10	.30	5.0	14	38	97	79	22	12	22	19	5.0
CFSM	.02	.07	.26	1.21	1.61	4.54	11.3	.69	.25	.52	.35	.16
IN.	.02	.08	.29	1.39	1.73	5.24	12.6	.79	.28	.60	.40	.18

CAL YR 1963: TOTAL 16,897.60 MEAN 46.3 MAX 956 MIN .10 CFSM 1.41 IN 3.61
 MAY YR 1964: TOTAL 71,188.80 MEAN 195 MAX 15,900 MIN .10 CFSM 1.74 IN 23.64

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	37	25	124	123	146	486	124	32	12	19	24	20
2	81	24	94	102	144	1,190	105	27	12	17	21	59
3	44	23	82	105	126	684	98	27	11	30	19	46
4	493	23	473	113	115	430	154	26	11	440	19	32
5	2,010	23	599	88	108	322	143	25	11	511	17	36
6	685	23	232	80	113	264	112	24	10	242	16	31
7	154	23	164	77	230	223	98	22	18	105	16	26
8	94	23	133	71	182	195	87	21	70	116	19	22
9	67	23	112	70	146	177	80	20	32	115	23	19
10	52	23	96	155	162	174	74	19	19	274	32	16
11	44	22	755	139	357	180	68	19	32	256	127	14
12	39	22	2,130	101	1,030	387	62	18	32	97	64	16
13	36	22	1,130	82	1,060	923	58	18	48	49	42	16
14	36	22	387	76	459	411	54	17	272	55	40	15
15	321	22	265	71	310	286	49	16	255	137	39	14
16	272	22	214	75	250	229	48	16	384	246	32	13
17	124	22	185	68	916	216	44	14	118	115	25	13
18	74	22	406	57	1,650	349	39	14	64	51	23	16
19	52	23	390	56	675	228	39	14	43	49	24	14
20	44	54	254	54	408	186	37	14	35	42	70	13
21	38	78	237	53	322	165	35	14	31	32	52	13
22	35	39	211	57	263	149	33	14	29	28	32	14
23	33	31	191	1,710	220	145	32	13	27	26	32	16
24	32	36	172	2,940	281	147	32	13	26	24	27	15
25	30	376	153	1,340	560	137	29	17	25	25	23	13
26	29	213	138	437	277	127	32	14	24	124	20	12
27	27	106	120	308	220	121	68	13	23	75	19	12
28	26	242	102	238	196	115	100	13	22	61	19	11
29	26	427	94	210	-----	112	47	13	22	31	34	11
30	26	109	89	190	-----	128	36	13	21	27	28	25
31	27	-----	98	165	-----	158	-----	13	-----	26	23	-----
TOTAL	5,088	2,223	9,834	9,411	10,932	9,042	2,015	953	1,739	3,425	1,003	598
MEAN	164	74.1	317	304	390	292	67.2	30.8	57.0	110	32.3	19.8
MAX	2,010	427	2,130	2,940	1,650	1,190	154	32	384	511	127	59
MIN	26	22	82	53	108	112	29	13	10	17	16	11
CFSM	1.47	.66	2.83	2.71	3.49	2.60	.60	.16	.52	.99	.29	.18
IN.	1.69	.74	3.27	3.12	3.63	3.00	.67	.18	.58	1.14	.33	.20

CAL YR 1964: TOTAL 87,154.2 MEAN 238 MAX 15,900 MIN 5.0 CFSM 2.13 IN 28.94
 MAY YR 1965: TOTAL 55,858 MEAN 153 MAX 2,940 MIN 10 CFSM 1.37 IN 18.55

MOBILE RIVER BASIN

2-4695 5 Horse Creek near Sweetwater, Ala

Location --Lat 32°03', long 87°52', in SW 1/4 sec 34, T 13 N, R 2 E, near right bank on downstream end of pier of bridge on Marengo County Highway 25 (revised), half a mile downstream from Mill Creek, three-quarters of a mile south of Ermoor, 1 2 miles north of Hoboken, 3 miles upstream from Sweetwater Creek, and 3 5 miles south of Sweetwater

Drainage area --52 8 sq mi

Records available --July 1959 to September 1965

Gage --Water-stage recorder Altitude of gage is 130 ft (from topographic map).

Average discharge --6 years, 93 6 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,500 cfs revised), water years 1961-65							
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Oct 31, 1960	0400	3,920	14 43	June 21, 1961	0700	2,620	13 81
Feb 18, 1961	1230	8,650	15 63	Mar 3, 1964	0600	* 1,900	13 34
Feb 21, 1961	1200	2,160	13 53	Mar 15, 1964	0130	* 4,220	14 54
Feb 25, 1961	0200	3,820	14 39	Apr 8, 1964	1500	4,160	14 52
Mar 7, 1961	0900	1,750	13 22	Apr 27, 1964	1700	1,680	13 15
Mar 18, 1961	0500	2,220	13 57	Jan 23, 1965	1630	* 11,300	16 07
Mar 28, 1961	1030	2,180	13 54				
Mar 31, 1961	1200	* 17,400	16 80				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	a 6 5	-	1964	Oct 29-30, Nov 1,	0 20	-
1962	Sept 22, 24, 1962	a 2 3	-	1965	Sept 28, 29, 1965	1 0	-0 21
1963	Sept 26, 1963	a 2	-				

a Minimum daily

1959-65 Maximum discharge, 25,800 cfs Dec 10, 1961 (gage height, 17 5 ft, from floodmarks), from rating curve extended above 4,000 cfs on basis of contracted-opening measurement of peak flow, minimum, 0 20 cfs Sept 26, Oct 29-31, and Nov 1, 1963

Revisions --The maximum discharge for the water year 1960 has been revised to 4,580 cfs Mar 30, 1960 (gage height, 14 65 ft), superseding figure published in WSP 1704

Remarks --Records fair above and poor below 100 cfs, and poor for period of indefinite stage-discharge relation

Revisions --Revised figure of discharge, in cubic feet per second, for high-water period in the water year 1959-60, superseding those published in WSP 1704, are given herewith

Mar 30, 1960

1,890

Month	Cfs-days	Maximum	Minimum	Mean	Per sq mi	Runoff
March 1960	6,619	1,890	61	214	4 05	4 66
Water year 1959-60	32,165.5	1,890	2.1	87 9	1 66	22 65

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	13	394	23	178	55	162	1,150	124	14	80	20	88
2	11	88	21	60	52	133	319	113	12	191	18	133
3	11	56	20	39	116	112	209	51	12	164	17	270
4	12	42	20	30	85	101	187	38	11	105	28	54
5	15	35	21	26	57	94	150	33	10	57	26	60
6	95	32	21	24	54	182	146	32	9.8	53	19	29
7	163	31	23	23	78	1,340	162	29	9.4	39	20	23
8	52	30	23	40	97	686	117	28	9.1	36	47	25
9	24	29	23	52	62	414	170	40	8.9	33	62	23
10	16	29	22	31	54	173	242	44	9.6	30	36	18
11	13	31	24	25	48	137	127	32	15	30	27	18
12	12	29	26	23	45	125	346	32	15	79	20	20
13	11	28	20	30	42	119	249	32	12	90	17	20
14	10	28	19	321	41	229	136	29	28	75	15	72
15	9.4	26	41	189	41	143	143	29	27	280	13	63
16	8.8	25	66	86	38	96	160	40	53	75	22	26
17	8.4	30	32	45	79	197	99	28	22	45	29	19
18	8.0	29	23	43	4,030	1,540	82	25	21	51	20	16
19	7.6	27	20	44	1,970	745	72	23	35	83	14	13
20	11	25	19	67	646	229	63	22	264	39	11	11
21	12	23	37	43	1,030	167	97	31	1,670	53	10	10
22	10	23	31	32	1,670	129	34	337	89	89	12	9.0
23	8.8	80	23	29	1,330	107	53	27	70	130	12	8.2
24	8.0	82	22	31	910	88	48	25	165	128	15	7.9
25	7.2	39	27	203	2,310	78	45	23	873	194	23	7.6
26	7.0	29	26	255	632	70	47	26	1,070	45	21	7.3
27	7.2	27	27	204	241	83	122	29	894	32	24	7.0
28	7.0	28	24	101	194	891	148	27	217	61	23	6.8
29	6.8	29	22	82	-----	1,370	54	20	90	30	18	6.6
30	5.79	27	40	68	-----	818	43	18	70	25	13	6.5
31	2,320	-----	77	59	-----	6,620	-----	16	-----	22	14	-----
TOTAL	3,484.2	1,633	863	2,513	16,092	17,400	5,017	1,389	6,093	2,439	2,178	1,031.3
MEAN	117.8	52.7	27.3	81.1	520.4	561.3	160.2	44.8	200.1	78.8	71.2	33.3
MAX	2,320	394	77	321	4,030	6,620	1,150	124	1,670	280	62	270
MIN	6.8	23	19	23	38	70	43	16	8.9	22	10	6.5
CFSH	2.13	.90	.53	1.54	10.8	10.6	3.16	.67	3.82	1.49	.41	.68
IN	2.45	1.01	.61	1.77	11.3	12.3	3.53	.77	4.26	1.71	.48	.78

GAT VR 1961: TOTAL 36,883.3 MEAN 119.3 MAX 2,320 MIN 2.1 CFSH 3.81 IN 48.73

2-4695.5. Horse Creek near Sweetwater, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	15	8.0	14	233	86	81	492	43	37	9.5	13	3.2
2	14	8.0	13	116	81	292	114	36	20	7.5	9.8	3.4
3	19	9.0	13	94	78	274	79	31	15	6.6	9.8	3.0
4	25	10	12	86	75	112	70	28	12	5.8	67	3.4
5	21	12	14	201	75	100	69	26	10	5.9	21	4.1
6	18	14	16	810	83	83	406	25	10	5.8	16	4.2
7	16	9.1	18	357	72	76	906	23	10	32	11	3.7
8	14	9.1	20	151	68	74	252	22	9.0	16	7.4	3.6
9	12	8.9	200	118	69	75	114	19	78	9.2	6.3	3.4
10	11	8.6	12,000	112	68	75	88	19	23	6.6	5.5	3.0
11	10	8.4	3,000	94	63	117	78	18	36	5.9	5.2	2.8
12	12	8.9	3,300	88	59	189	249	17	67	5.8	4.8	5.0
13	13	9.4	1,700	84	59	84	214	16	52	5.8	4.6	3.0
14	11	56	900	90	58	71	88	14	25	5.5	4.2	3.4
15	12	38	1,000	320	84	152	73	14	17	5.2	6.1	3.6
16	11	42	856	374	199	106	64	17	12	5.6	15	4.0
17	11	27	722	124	88	76	60	17	9.8	4.8	7.8	3.4
18	9.8	11	1,950	187	71	69	59	12	8.6	5.5	5.2	2.8
19	9.8	7.4	782	1,200	214	66	56	10	7.8	5.0	4.2	2.7
20	10	6.2	225	915	94	65	53	9.4	9.7	4.6	4.6	2.5
21	8.9	6.0	154	239	128	70	47	8.2	16	4.5	6.0	2.5
22	9.6	6.2	132	159	144	66	44	7.0	12	4.3	5.6	2.3
23	9.0	80	115	137	98	58	41	6.3	8.2	4.1	6.8	2.5
24	8.0	60	106	127	634	55	40	5.9	14	6.7	6.8	2.3
25	8.0	35	97	116	335	87	42	5.8	33	6.1	6.8	2.4
26	8.0	25	91	106	134	78	45	5.1	39	9.2	6.2	2.8
27	9.0	19	103	357	105	59	41	4.5	18	11	5.6	3.7
28	8.0	17	102	296	87	51	131	4.2	13	12	5.0	3.0
29	7.0	15	87	120	-----	50	197	4.2	13	72	4.5	2.5
30	7.0	15	81	102	-----	51	64	6.7	13	72	4.0	2.4
31	7.0	-----	108	92	-----	426	-----	36	-----	19	3.5	-----
TOTAL	364.1	589.2	27,931	7,605	3,409	3,288	4,276	510.3	648.1	379.5	289.3	94.6
MEAN	11.7	19.6	901	245	122	106	143	16.5	21.6	12.2	9.33	3.15
MAX	25	80	12,000	1,200	634	426	906	43	78	72	67	5.0
MIN	7.0	6.0	12	84	58	50	40	4.2	7.8	4.1	3.5	2.3
CFSM	.22	.37	17.1	4.65	2.31	2.01	2.70	.31	.41	.23	1.8	.06
IN.	.26	.42	19.7	5.36	2.40	2.32	3.01	.36	.46	.27	.20	.07

CAL YR 1961: TOTAL 81,158.0 MEAN 222 MAX 12,000 MIN 2.3 CFSM 4.21 IN 57.16
 MAT YR 1962: TOTAL 49,384.1 MEAN 135 MAX 12,000 MIN 2.3 CFSM 2.56 IN 34.78

Note --No gage-height record Nov 23 to Dec 15 Stage-discharge relation indefinite July 12 to Sept 30

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.6	4.0	5.4	5.9	78	51	23	8.9	9.0	33	4.6	2.4
2	6.3	3.8	5.1	5.5	70	55	21	6.6	6.1	25	4.7	2.0
3	5.8	3.7	5.1	5.2	447	49	20	5.9	4.5	37	4.7	3.0
4	5.4	3.7	5.0	5.1	178	53	19	5.1	4.0	46	5.4	2.2
5	4.8	3.8	5.5	5.1	77	120	17	4.7	3.2	23	6.6	1.9
6	4.7	4.1	6.2	6.1	65	806	18	5.1	2.7	16	5.8	1.7
7	4.8	4.3	6.1	7.4	59	352	30	4.7	2.4	14	6.1	1.6
8	6.2	4.7	5.8	6.3	55	97	27	5.4	2.1	40	6.9	1.4
9	13	5.5	5.8	5.8	52	74	20	4.8	2.0	52	6.8	1.3
10	10	6.6	5.9	5.5	51	71	17	4.2	2.0	24	5.6	1.4
11	8.1	5.4	5.8	9.8	51	59	16	5.1	2.5	16	6.1	1.5
12	7.0	4.5	5.6	48	73	61	14	6.3	3.2	13	5.5	1.4
13	6.5	5.0	5.6	21	62	80	14	18	2.5	56	6.1	1.4
14	6.3	5.5	5.5	16	53	63	12	18	1.9	83	7.2	1.3
15	6.3	5.4	6.9	14	49	76	11	7.5	1.5	37	13	1.4
16	6.1	5.4	6.3	13	47	57	11	5.4	1.2	25	3.5	1.5
17	6.1	5.2	6.3	13	45	48	10	4.7	1.0	29	2.0	1.7
18	5.9	5.8	6.1	88	45	43	9.7	4.2	1.2	45	2.1	1.8
19	5.6	7.5	5.9	144	204	39	9.2	3.5	1.5	33	2.8	1.4
20	5.4	7.0	5.8	476	105	70	8.9	4.0	9.0	51	3.8	1.0
21	5.2	16	6.1	437	65	66	8.7	4.5	12	22	6.0	1.1
22	8.7	20	7.4	88	56	39	8.6	4.0	31	16	3.8	1.0
23	7.6	7.6	8.4	65	51	35	7.8	3.5	101	12	3.2	.50
24	5.8	6.1	6.9	61	68	32	7.0	3.1	80	10	2.6	.30
25	4.8	5.5	9.8	55	79	32	6.6	2.8	35	14	2.4	.30
26	4.7	5.4	9.0	54	60	34	6.8	2.6	28	12	2.0	.20
27	4.5	5.2	7.5	61	55	37	7.4	2.5	26	9.2	2.0	.20
28	4.2	5.2	6.6	57	51	30	7.4	34	24	8.4	2.4	1.1
29	4.1	6.9	7.4	53	-----	29	7.6	44	23	7.6	2.0	2.5
30	4.0	5.8	8.9	64	-----	25	8.0	24	26	5.4	2.0	2.5
31	4.0	-----	6.8	116	-----	24	-----	15	-----	5.0	2.3	-----
TOTAL	185.5	184.6	200.4	2,011.7	2,351	2,707	403.7	274.1	449.5	819.6	140.0	43.10
MEAN	5.98	6.15	6.46	64.4	75.1	86.3	13.5	8.84	15.0	26.4	4.52	1.44
MAX	13	20	9.8	476	447	806	30	44	101	83	13	3.0
MIN	3.6	3.7	5.0	5.1	45	24	6.6	2.5	1.0	5.0	2.0	.20
CFSM	.11	.12	.12	1.23	1.59	1.65	.25	.17	.28	.50	.09	.03
IN.	.13	.13	.14	1.42	1.66	1.91	.28	.19	.32	.58	.10	.03

CAL YR 1962: TOTAL 21,070.3 MEAN 57.7 MAX 1,200 MIN 2.3 CFSM 1.09 IN 14.84
 MAT YR 1963: TOTAL 9,770.20 MEAN 26.8 MAX 806 MIN .20 CFSM .51 IN 6.88

2-4695 5 Horse Creek near Sweetwater, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.1	.20	11	20	37	47	41	76	8.2	90	16	4.1
2	2.1	.50	10	22	29	565	42	89	8.7	27	18	3.7
3	2.1	.80	12	25	26	1,490	39	101	7.8	27	16	3.1
4	2.6	.50	12	28	25	345	40	63	6.2	34	13	3.1
5	2.3	.50	10	24	26	301	38	53	7.2	18	17	4.1
6	2.1	.50	9.7	33	31	136	502	45	9.7	13	20	4.2
7	1.3	.50	9.5	69	27	84	661	41	9.0	10	16	5.2
8	1.0	.60	11	31	30	70	2,480	38	7.0	9.5	19	4.3
9	1.0	.60	14	147	27	61	1,130	36	6.2	48	16	4.1
10	.90	.80	12	78	25	72	240	34	5.4	27	15	3.6
11	.90	.80	12	29	24	56	139	32	5.2	22	17	4.7
12	1.0	.70	68	25	24	44	110	36	10	167	14	5.1
13	1.0	.60	35	23	41	40	241	67	8.7	39	12	6.7
14	1.0	.60	78	20	218	603	714	30	5.8	22	10	5.5
15	.70	.50	49	19	88	3,040	756	21	4.0	17	9.7	5.2
16	.80	.50	25	21	69	994	203	18	5.5	14	10	5.6
17	.70	.40	21	155	44	238	121	18	6.2	13	48	6.6
18	.60	.30	19	149	498	132	96	18	4.2	12	46	7.2
19	.80	.30	18	44	394	138	85	14	4.1	11	16	9.5
20	.50	.40	17	34	85	336	73	13	3.4	11	11	8.9
21	.60	.50	17	28	57	193	63	13	2.5	12	9.0	6.6
22	.50	.50	18	25	45	122	57	13	2.7	14	11	5.5
23	.30	.70	19	23	39	92	53	20	2.2	23	59	5.0
24	.40	11	20	34	34	79	47	14	9.4	18	85	4.6
25	.50	10	18	318	202	73	64	12	12	13	19	4.2
26	.50	9.7	17	133	241	73	184	11	5.5	11	10	4.0
27	.50	10	16	48	92	62	1,330	9.8	4.7	11	7.8	4.0
28	.40	12	16	38	102	54	639	8.7	4.1	9.5	6.3	13
29	.20	21	16	32	51	133	51	5.5	12	5.1	43.0	
30	.20	15	17	29	-----	44	86	8.0	6.8	12	4.5	59
31	.20	-----	17	29	-----	42	-----	8.0	-----	13	4.3	-----
TOTAL	29.80	101.00	646.2	1,733	2,645	9,677	10,407	968.6	187.9	780.0	580.7	252.9
MEAN	9.6	3.37	20.8	55.9	91.7	312	31.2	31.2	6.0	18.7	18.7	8.3
MAX	2.6	21	78	318	498	3,040	2,480	101	12	167	85	59
MIN	.20	.20	9.5	19	24	40	38	8.0	2.2	9.5	4.3	3.1
CFSM	.02	.06	.39	1.06	1.73	5.91	6.57	.59	.12	.48	.35	.16
IN.	.02	.07	.45	1.22	1.86	6.82	7.33	.68	.13	.55	.41	.18

CAL YR 1963: TOTAL 9,974.70 MEAN 27.3 MAX 806 MIN .20 CFSM .52 IN 7.03
 MAY YR 1963: TOTAL 28,007.10 MEAN 76.5 MAX 3,040 MIN .20 CFSM 1.45 IN 19.73

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	17	13	48	68	73	100	54	20	3.0	4.0	5.6	2.5
2	37	13	43	60	82	420	50	18	2.5	3.5	4.7	2.5
3	16	13	41	90	72	220	48	16	2.2	11	3.9	3.1
4	65	13	153	58	64	150	51	14	2.1	39	3.1	5.0
5	550	13	184	50	60	110	49	14	1.8	20	3.0	5.5
6	131	13	64	43	78	94	44	12	2.9	11	3.5	5.6
7	26	13	50	39	232	84	42	11	17	29	5.1	5.3
8	20	13	44	38	118	74	39	11	34	60	6.0	4.5
9	17	13	40	36	89	66	38	11	13	36	14	2.8
10	14	13	38	45	77	92	36	9.6	7.6	54	10	2.1
11	13	13	252	50	72	120	34	8.6	6.3	41	10	1.8
12	12	13	736	42	483	100	32	7.9	7.9	20	6.9	1.7
13	12	13	283	37	466	300	31	7.5	57	13	9.0	1.7
14	12	14	100	35	164	130	29	6.9	432	15	9.4	2.5
15	275	14	71	45	112	100	26	6.4	102	13	7.4	3.4
16	197	13	60	88	96	90	30	6.2	36	11	5.5	2.4
17	39	13	55	57	696	84	27	6.0	21	9.4	4.4	1.9
18	24	13	82	43	1,130	150	24	5.9	16	7.5	4.0	1.7
19	18	15	100	40	364	120	23	5.8	12	6.2	4.2	1.6
20	16	74	74	38	173	100	23	5.5	9.9	5.3	7.1	1.6
21	15	33	110	36	136	86	22	5.3	8.2	4.7	8.8	1.9
22	14	18	82	42	110	72	19	4.9	6.9	6.8	6.2	2.0
23	13	15	74	5,060	94	80	18	5.0	6.0	7.2	4.8	1.8
24	13	46	160	1,750	130	72	17	5.4	5.4	5.6	4.0	1.6
25	12	438	270	412	110	64	16	5.3	4.9	5.4	3.4	1.6
26	12	121	380	234	90	63	17	4.7	4.4	6.5	2.6	1.4
27	12	50	210	189	74	70	63	4.0	4.1	5.6	2.2	1.2
28	12	225	150	120	70	61	47	3.8	7.7	5.3	2.1	1.1
29	13	243	110	103	-----	57	27	3.8	7.2	5.4	2.0	1.4
30	13	69	96	94	-----	60	22	4.0	5.1	6.5	2.8	14
31	13	-----	80	80	-----	62	-----	3.6	-----	7.2	3.1	-----
TOTAL	1,653	1,583	4,280	9,122	5,515	3,451	998	253.1	846.1	475.1	168.8	87.2
MEAN	53.3	52.8	138	294	197	111	33.3	8.16	28.2	15.1	5.45	2.91
MAX	550	438	736	5,060	1,130	420	63	20	432	60	14	14
MIN	12	13	38	35	40	57	16	3.6	1.8	3.5	2.0	1.1
CFSM	1.01	1.00	2.61	5.57	3.73	2.11	.63	.15	.53	.29	.10	.06
IN.	1.16	1.11	3.01	6.43	3.88	2.43	.70	.18	.60	.33	.12	.06

CAL YR 1964: TOTAL 36,748.1 MEAN 94.9 MAX 5,060 MIN 1.1 CFSM 1.80 IN 26.48
 MAY YR 1965: TOTAL 28,432.3 MEAN 77.9 MAX 5,060 MIN 1.1 CFSM 1.48 IN 20.03

Note --No gage-height record Feb 22 to Mar 23

2-4696 Bashi Creek near Campbell, Ala

Location --Lat 31°56', long 87°59', in NW 1/4 sec 9, T 11 N, R 1 E, near left bank on downstream end of pier of bridge on State Highway 69, half a mile downstream from Trawick Creek, half a mile upstream from Tallahatta Creek, 1 6 miles north of Campbell, and 3 6 miles south of Morvin

Records available --Figures of discharge for this station June 1959 to September 1960, published in WSP 1704 and 1724, are not reliable and should not be used

2-4697 Okatuppa Creek at Gilbertown, Ala

Location --Lat 31°54', long 88°19', in SE 1/4 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 1 5 miles upstream from Bogueloosa Creek

Drainage area --151 sq mi

Records available --June 1956 to September 1965

Gage --Water-stage recorder. Datum of gage is 59 41 ft above mean sea level, datum of 1929

Average discharge --9 years, 193 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,400 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 18, 1961	1630	3,660	13 77	Dec 18, 1961	-	b 3,200	-	Apr 7, 1964	0500	* 3,970	14 50
Feb 21, 1961	-	a 4,200	-	Jan 19, 1962	1500	3,260	12 78	Apr 27, 1964	1100	* 3,490	13 38
Feb 25, 1961	1000	3,620	13 67	Mar 31, 1962	2000	3,170	12 55				
Mar 7, 1961	0600	3,600	13 62	Apr 28, 1962	2100	3,410	13 15	Dec 11, 1964	2315	3,070	12 31
Mar 18, 1961	1200	3,560	13 53					Jan 23, 1965	1800	* 3,710	13 90
Mar 31, 1961	1130	4,460	15 48	Mar 20, 1963	0130	* 1,960	9 35	Feb 17, 1965	1900	3,270	12 80
June 21, 1961	0630	3,720	13 92	Mar 2, 1964	2230	3,090	12 35				
Dec 12, 1961	-	-	-	Mar 15, 1964	0600	3,510	13 38				

a Maximum daily Feb 22, 1961, annual maximum discharge probably occurred Feb 21, 1961

b Maximum daily, annual maximum discharge probably occurred on this date

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 28, 1960	a 0	a 0 31	1964	Oct 30, 1963	0 80	0 48
1962	Sept 28, 1962	4 8	65	1965	June 6, 1965	12	1 17
1963	Sept 26, 1963	2 1	-				

a Results of channel dredging

1956-65 Maximum discharge, Feb 21, 1961, not determined, maximum daily, 4,200 cfs Feb 22, 1961, minimum daily, 0 80 cfs Aug 28, 29, Sept 7, 8, 1957, and Oct 30, 1963

Remarks --Records fair

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	54	310	48	717	162	647	3,390	171	64	225	64	280
2	43	170	44	299	158	550	1,480	178	59	217	61	200
3	37	115	42	208	186	490	1,010	156	55	190	74	230
4	34	92	44	159	154	454	862	147	52	242	81	160
5	33	73	45	136	134	421	698	136	49	200	71	110
6	66	64	44	122	141	760	675	133	53	160	63	100
7	126	59	43	117	177	2,940	615	126	57	140	85	90
8	118	54	45	224	160	1,780	511	120	47	130	248	80
9	74	52	47	168	135	992	905	154	42	120	208	72
10	55	51	48	138	127	636	687	152	64	110	127	70
11	45	51	79	121	117	549	517	128	62	235	88	80
12	40	48	100	110	110	509	1,170	122	49	407	72	85
13	36	46	67	121	104	496	702	113	58	266	67	170
14	33	45	56	238	102	444	533	103	80	203	63	110
15	30	45	103	204	96	386	471	115	76	198	121	92
16	30	43	172	162	94	361	413	170	67	146	78	75
17	28	48	108	130	257	739	373	111	65	124	137	64
18	26	48	83	114	3,400	3,240	341	93	86	130	79	56
19	25	46	74	120	2,950	1,720	313	87	545	113	68	52
20	26	42	82	152	1,480	1,000	293	80	1,210	115	64	48
21	28	41	192	118	4,100	700	279	172	3,280	136	64	43
22	26	42	138	102	4,200	549	270	159	672	142	69	41
23	24	86	106	100	3,490	478	254	188	345	181	78	38
24	23	89	90	107	2,440	421	242	198	615	148	54	34
25	21	65	86	467	3,510	382	231	150	1,090	188	53	32
26	20	56	83	789	1,840	355	221	156	1,460	135	60	29
27	20	52	475	873	413	241	132	132	1,480	115	70	29
28	19	57	74	303	794	2,220	215	100	509	126	58	27
29	23	57	71	247	-----	3,430	184	90	333	106	50	25
30	1,010	50	169	203	-----	2,780	176	80	260	81	45	24
31	901	-----	512	176	-----	3,980	-----	72	-----	69	150	-----
TOTAL	3,074	2,097	2,977	6,867	31,491	34,822	18,292	4,012	12,884	5,098	2,670	2,544
MEAN	99.2	69.9	95.0	222	1,125	1,125	616	125	404	164	82.1	84.9
MAX	1,010	310	512	789	4,200	3,980	3,390	198	3,280	407	248	280
MIN	19	41	42	100	94	355	176	72	42	69	45	24
CFSM	.66	.46	.64	1.47	7.45	7.44	4.06	.86	2.84	1.09	.57	.56
IN.	.76	.52	.73	1.69	7.76	8.38	4.51	.99	3.17	1.26	.66	.63

CAL YR 1960: TOTAL 68,816 MEAN 188 MAX 2,770 MIN 11 CFSM 1.25 IN 16.25
MAY YR 1961: TOTAL 126,830 MEAN 347 MAX 4,200 MIN 19 CFSM 2.30 IN 31.25

Note --No gage-height record Feb 21, 22

2-4697 Okatuppa Creek at Gilbertown, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	24	23	65	638	355	256	1,250	333	104	31	41	13
2	28	23	52	367	323	540	509	260	92	24	25	15
3	60	29	60	297	299	413	367	210	114	21	21	10
4	62	74	60	264	280	347	305	176	75	20	56	8.0
5	43	78	58	348	278	325	284	154	58	20	30	10
6	33	55	72	863	272	272	1,060	137	51	20	24	11
7	29	42	88	489	241	248	746	129	74	25	24	20
8	29	36	78	365	238	238	463	132	52	31	19	20
9	30	31	160	301	242	233	357	128	52	20	15	13
10	27	29	2,200	297	227	236	297	117	54	17	13	10
11	25	31	2,000	258	206	344	282	108	551	15	12	8.0
12	23	33	2,500	254	202	349	695	98	476	14	11	8.5
13	22	42	2,000	250	198	231	649	90	250	25	10	9.2
14	22	238	870	258	186	203	393	83	144	23	12	12
15	20	163	1,690	860	203	345	321	83	101	26	111	11
16	20	408	1,160	625	470	264	268	76	76	22	175	16
17	20	228	3,000	443	254	210	238	71	61	19	38	11
18	20	117	3,200	587	221	190	229	73	53	19	24	10
19	20	92	1,300	2,870	311	182	215	65	46	17	19	8.0
20	19	74	805	1,850	214	176	196	57	42	14	17	6.9
21	18	69	577	745	327	188	174	52	51	12	15	6.3
22	18	67	481	585	540	165	159	48	41	12	15	5.9
23	20	405	409	513	427	154	149	44	34	11	16	6.7
24	20	314	349	471	972	147	143	42	31	10	16	6.7
25	20	166	309	427	469	317	143	41	32	10	18	5.7
26	19	121	282	419	385	262	168	38	35	11	16	5.5
27	18	99	378	1,220	323	174	153	36	28	16	13	5.5
28	18	88	421	821	282	150	2,180	34	28	14	11	4.9
29	18	75	293	561	-----	144	1,640	32	28	20	11	5.9
30	20	68	258	453	-----	154	489	38	34	65	10	5.5
31	22	-----	489	395	-----	2,030	-----	74	-----	41	9.8	-----
TOTAL	787	3,318	25,674	19,074	8,945	9,487	14,522	3,059	2,875	645	847.8	289.2
MEAN	25.4	111	828	615	319	306	484	98.7	95.8	20.8	27.3	9.64
MAX	62	408	3,200	2,870	972	2,030	2,180	333	281	65	175	20
MIN	18	23	58	250	186	144	143	32	28	10	9.8	4.9
CFSM	.17	.73	5.48	4.07	2.12	2.03	3.21	.65	.63	.14	.18	.06
IN.	.19	.82	6.32	4.70	2.20	2.34	3.58	.75	.71	.16	.21	.07

CAL YR 1961: TOTAL 148,461 MEAN 407 MAX 4,200 MIN 18 CFSM 2.69 IN 36.56
 MAY YR 1962: TOTAL 89,523.0 MEAN 245 MAX 3,200 MIN 9.9 CFSM 1.62 IN 22.05

Note --No gage-height record Dec 9-19

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9.1	13	25	45	174	116	81	32	12	10	13	4.8
2	24	13	24	38	166	153	76	27	9.0	9.5	12	4.6
3	20	22	22	36	93	113	73	24	7.5	9.2	9.8	4.3
4	13	14	22	33	379	280	69	22	6.5	8.5	8.0	4.2
5	9.8	17	23	33	258	329	65	22	5.9	8.5	6.9	4.6
6	8.8	16	26	36	154	1,230	63	21	5.7	8.2	6.3	3.9
7	10	14	28	38	199	466	66	20	5.5	7.5	5.9	3.7
8	71	24	24	35	289	132	64	18	4.3	6.8	6.9	3.6
9	159	16	22	31	113	233	59	17	4.4	22	7.8	3.2
10	59	18	22	30	102	206	57	15	4.3	13	7.8	3.1
11	31	17	24	113	117	170	95	14	3.9	9.2	7.5	3.1
12	22	17	23	301	162	170	52	13	3.4	8.2	7.8	3.4
13	18	19	22	117	125	417	50	13	3.2	8.8	9.2	8.9
14	16	19	23	79	101	293	46	17	3.0	14	99	11
15	14	17	24	62	88	494	41	13	3.3	12	142	9.8
16	12	16	27	52	81	301	39	12	7.0	14	35	7.1
17	13	15	28	52	78	229	37	10	9.2	13	19	5.9
18	12	20	26	597	85	184	50	9.2	6.9	39	14	5.2
19	12	26	24	554	637	160	52	9.0	139	26	11	4.8
20	12	33	23	1,380	286	301	47	8.8	181	19	9.8	4.0
21	12	209	23	780	177	196	46	8.5	49	13	9.0	3.5
22	18	220	33	309	129	147	43	8.5	106	11	8.0	3.1
23	24	79	32	210	108	132	38	9.5	68	13	7.5	2.6
24	17	51	30	164	215	121	37	8.0	31	34	6.7	2.4
25	14	42	73	150	206	121	35	7.1	22	21	6.3	2.3
26	12	35	62	133	152	123	41	6.9	18	13	5.9	2.1
27	12	30	44	126	122	125	59	6.5	15	12	5.9	2.3
28	12	28	38	104	109	104	49	18	12	10	5.5	3.1
29	12	26	92	96	-----	97	54	40	12	9.5	5.5	3.2
30	12	26	95	168	-----	89	44	32	11	9.5	5.5	2.8
31	14	-----	55	240	-----	85	-----	18	-----	13	5.0	-----
TOTAL	704.7	1,092	1,059	6,142	5,615	7,474	1,588	500.0	769.6	427.4	469.5	130.6
MEAN	22.7	36.4	34.2	198	201	241	52.9	16.1	25.7	13.8	15.1	4.35
MAX	159	220	95	1,380	960	1,230	81	40	181	39	142	11
MIN	8.8	12	22	30	78	85	35	6.5	3.0	7.5	5.0	2.1
CFSM	.15	.24	.23	1.31	1.33	1.60	.35	.11	.17	.09	.10	.03
IN.	.17	.27	.26	1.51	1.38	1.84	.39	.12	.19	.11	.12	.03

CAL YR 1962: TOTAL 62,599.7 MEAN 172 MAX 2,870 MIN 4.9 CFSM 1.14 IN 15.42
 MAY YR 1963: TOTAL 25,971.8 MEAN 71.2 MAX 1,380 MIN 2.1 CFSM .47 IN 6.40

MOBILE RIVER BASIN

617

2-4697 Okatuppa Creek at Gilbertown, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.5	1.4	13	27	121	133	143	345	74	196	38	16
2	2.1	1.9	11	32	90	1,420	136	432	65	157	33	16
3	1.8	1.9	11	54	76	1,680	133	320	50	140	57	16
4	1.6	2.2	13	105	68	591	129	235	42	227	46	16
5	1.5	2.2	17	139	72	545	126	201	35	153	40	16
6	1.4	2.4	11	151	89	355	1,420	176	31	92	35	13
7	1.3	2.4	10	271	75	274	3,630	158	30	67	51	12
8	1.1	2.6	9.2	133	72	235	3,200	144	28	53	76	11
9	1.1	2.8	9.2	343	63	246	2,290	131	26	276	64	11
10	1.0	2.7	10	231	56	345	665	120	24	376	47	10
11	1.0	2.8	12	121	57	313	440	112	21	157	38	9.4
12	1.0	2.7	157	93	55	284	372	109	20	125	31	9.1
13	1.0	2.6	117	80	69	250	687	202	18	122	29	8.5
14	1.1	2.7	194	64	278	1,160	802	130	19	94	31	7.6
15	1.2	2.7	164	55	188	3,390	438	104	18	71	28	7.3
16	1.1	2.7	69	68	293	1,600	314	92	18	54	25	7.3
17	1.0	3.0	45	242	177	565	250	83	24	44	67	7.6
18	.90	3.1	36	182	1,080	471	210	75	22	38	70	7.3
19	.90	3.6	30	110	500	481	185	69	17	34	60	8.2
20	.90	3.8	27	158	258	902	162	63	14	31	39	18
21	.90	3.6	28	103	174	576	144	59	13	41	31	19
22	.90	3.5	31	78	137	345	130	55	13	96	28	14
23	1.0	5.0	54	76	112	285	119	81	39	155	28	13
24	1.1	7.8	60	88	97	256	109	69	38	116	58	12
25	1.1	7.8	41	819	336	241	130	60	103	118	45	10
26	1.2	8.2	34	346	304	250	1,040	52	52	89	37	9.4
27	1.3	7.1	30	190	208	229	3,130	46	62	61	41	8.5
28	1.3	7.8	27	133	241	196	1,000	40	75	53	29	7.9
29	1.2	10	24	97	164	176	454	35	227	52	24	9.4
30	.90	12	22	81	-----	154	370	34	299	48	21	32
31	.90	-----	22	84	-----	146	-----	40	-----	42	18	-----
TOTAL	37.30	125.0	1,338.4	4,754	5,510	18,094	22,358	3,872	1,517	3,378	1,265	362.5
MEAN	1.20	4.17	43.2	153	180	584	745	125	50.6	109	40.8	12.1
MAX	2.5	12	194	819	1,080	3,390	3,630	432	299	376	76	32
MIN	.90	1.4	9.2	27	55	133	109	34	13	31	18	7.3
CFSM	.008	.03	.29	1.02	1.26	3.87	4.94	.83	.33	.72	.27	.08
IN.	.009	.03	.33	1.17	1.36	4.46	5.51	.95	.37	.83	.31	.09

CAL YR 1963: TOTAL 24,616.80 MEAN 67.4 MAX 1,380 MIN .90 CFSM .45 IN 6.06
CAL YR 1964: TOTAL 62,611.20 MEAN 171 MAX 3,630 MIN .90 CFSM 1.13 IN 18.42

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	28	24	122	116	258	776	184	67	19	34	34	41
2	23	25	100	110	302	1,150	170	58	15	34	28	222
3	23	22	93	166	244	652	161	52	15	31	26	121
4	117	22	541	155	222	525	161	47	14	149	24	215
5	917	24	383	131	210	438	155	43	13	87	24	146
6	230	23	207	120	266	384	143	40	23	83	23	93
7	109	21	154	114	480	340	136	38	135	76	23	65
8	70	21	127	104	320	308	130	36	166	238	40	52
9	51	23	113	101	274	286	123	34	61	166	99	44
10	41	23	100	259	264	462	116	32	48	87	220	40
11	31	22	1,300	167	424	382	109	30	40	98	290	42
12	28	22	1,910	125	1,350	684	136	29	61	68	150	42
13	26	23	606	113	843	720	173	28	58	49	170	44
14	25	23	390	104	507	440	111	26	397	42	196	37
15	162	23	294	120	412	360	98	25	204	91	111	35
16	169	23	236	197	380	310	92	25	122	91	75	34
17	102	23	196	128	2,290	324	80	24	91	69	151	34
18	79	23	280	111	1,640	585	75	23	59	50	62	34
19	62	31	288	107	705	356	70	23	43	42	136	34
20	50	161	220	119	542	298	72	22	34	39	142	34
21	44	107	224	115	472	258	68	21	28	34	119	34
22	40	64	196	132	410	242	61	22	26	31	172	39
23	36	51	184	3,060	370	240	59	26	23	29	81	76
24	33	80	172	2,720	412	244	57	26	21	28	59	48
25	31	434	174	820	625	216	59	24	23	59	48	39
26	28	192	155	602	416	210	86	22	22	49	40	33
27	26	121	135	456	364	210	324	21	21	72	36	30
28	25	414	123	386	332	191	194	24	68	47	52	30
29	26	371	119	344	-----	185	105	23	84	46	115	30
30	28	178	114	318	-----	210	83	34	38	60	64	144
31	30	-----	110	276	-----	228	-----	21	-----	42	49	-----
TOTAL	2,690	2,614	9,366	11,896	15,334	12,214	3,591	956	1,972	2,121	2,859	1,912
MEAN	86.8	87.1	302	384	548	394	120	30.8	65.7	68.4	92.2	63.7
MAX	917	434	1,910	3,060	2,290	1,150	324	67	397	238	290	222
MIN	23	21	93	101	210	185	57	21	13	28	23	30
CFSM	.57	.58	2.00	3.63	2.61	.79	.20	.44	.45	.61	.42	.42
IN.	.66	.64	2.31	2.93	3.78	3.01	.88	.24	.49	.52	.70	.47

CAL YR 1964: TOTAL 75,780.5 MEAN 207 MAX 3,060 MIN 7.3 CFSM 1.37 IN 18.65
CAL YR 1965: TOTAL 67,325 MEAN 105 MAX 3,630 MIN 13 CFSM 1.23 IN 18.65

MOBILE RIVER BASIN

2-4698. Satilpa Creek near Coffeeville, Ala

Location --Lat 31°45', long 88°02', in SE $\frac{1}{4}$ 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 3 8 miles east of Coffeeville

Drainage area --166 sq mi

Records available --June 1956 to September 1965

Gage --Water-stage recorder.

Average discharge --9 years (1956-65), 220 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,600 cfs), water years 1961-65							
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Oct 31, 1960	1730	2,880	13 18	Dec 10, 1961	1500	* 12,800	16 53
Feb 19, 1961	0300	11,400	16 18	Dec 15, 1961	0300	8,950	15 45
Feb 21, 1961	2100	* 14,400	16 85	Dec 19, 1961	0030	4,550	13 88
Feb 25, 1961	1800	5,450	14 24				
Mar 31, 1961	1900	8,200	15 20	Mar 6, 1963	2200	* 1,530	12 12
				Mar 15, 1964	2100	* 5,850	13 60
				Apr 28, 1964	0030	2,750	13 10
				Jan 24, 1965	0100	* 6,730	14 71
				Feb 18, 1965	1100	2,830	13 14

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	28	1 79	1964	Oct 21, 1963	4 8	-
1962	Sept 5, 1962	9 4	1 22	1965	June 23, 1965	10	1 43
1963	Sept 26, 1963	5 0	1 02				

1956-65: Maximum discharge, 25,600 cfs July 8, 1956 (gage height, 18 37 ft), minimum, 4 8 cfs Oct 21, 1963

Remarks, --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	92	1,690	74	368	94	862	4,530	232	73	199	66	495
2	69	472	68	203	88	739	1,640	245	68	125	60	201
3	58	285	68	149	152	668	966	209	64	114	54	185
4	51	211	68	123	121	627	843	188	60	128	50	123
5	63	177	68	111	87	592	682	176	56	109	49	111
6	373	156	68	105	190	783	674	164	54	93	49	83
7	626	137	67	101	318	1,590	748	154	51	171	73	68
8	245	121	66	170	291	1,440	538	145	48	105	862	65
9	148	114	68	172	211	1,120	804	247	46	131	397	61
10	110	111	70	120	182	659	1,250	222	52	118	185	58
11	88	110	69	106	162	546	653	165	228	102	130	62
12	76	101	70	100	147	514	1,110	159	101	193	103	77
13	68	94	61	105	136	487	960	144	68	212	85	80
14	62	89	58	347	129	452	580	131	63	130	72	171
15	57	84	166	248	120	376	774	128	66	122	68	158
16	54	83	271	177	115	350	705	128	81	87	89	86
17	50	116	128	140	236	666	481	113	71	66	173	62
18	48	107	97	124	5,560	1,740	414	102	76	80	104	52
19	47	92	84	123	8,370	1,810	369	97	199	71	69	47
20	60	82	83	177	3,120	869	339	90	659	74	57	45
21	71	77	163	135	8,450	590	313	119	969	714	61	42
22	55	74	134	111	6,940	484	295	169	313	305	70	40
23	49	176	98	109	3,200	420	280	116	172	226	57	38
24	45	187	89	119	2,080	371	264	145	144	506	51	35
25	43	126	92	425	4,660	335	252	148	263	218	58	34
26	40	103	92	570	2,900	316	242	249	410	139	64	32
27	39	93	94	444	1,400	398	679	244	681	109	58	31
28	40	92	89	188	1,010	1,050	686	142	270	130	53	30
29	38	94	83	153	-----	2,120	298	109	162	100	54	29
30	388	86	150	127	-----	1,960	249	93	135	104	53	29
31	2,170	-----	205	104	-----	4,910	-----	81	-----	80	82	-----
TOTAL	5,423	5,540	3,061	5,754	50,469	29,864	22,618	4,854	5,703	5,061	3,456	2,630
MEAN	175	185	98.7	186	1,802	963	734	157	190	163	111	87.7
MAX	2,170	1,690	271	570	8,450	4,910	4,530	249	969	714	862	495
MIN	38	74	58	100	87	316	242	81	46	66	49	29
CFSM	1.05	1.11	.59	1.12	10.9	5.80	4.54	.94	1.15	.98	.67	.53
IN.	1.21	1.24	.69	1.29	11.3	6.69	5.07	1.09	1.28	1.13	.77	.59

CAL YR 1960:	TOTAL	91,277	MEAN	249	MAX	3,400	MIN	19	CFSM	1.50	IN	20.45
MAY YR 1961:	TOTAL	144,633	MEAN	396	MAX	8,450	MIN	29	CFSM	2.38	IN	52.36

2-4698 Satilpa Creek near Coffeerville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	29	19	46	821	298	205	1,960	222	55	28	79	11
2	31	19	45	479	279	598	805	181	47	26	49	11
3	55	20	45	378	262	426	366	148	41	23	34	13
4	58	26	43	334	254	305	296	126	40	22	62	11
5	39	35	43	462	250	284	277	113	35	20	43	9.8
6	30	31	48	1,710	260	236	787	103	35	19	35	14
7	27	28	65	1,470	232	216	1,840	92	58	20	33	14
8	26	25	58	675	224	206	862	84	39	48	22	12
9	26	24	250	491	230	202	460	77	97	58	18	12
10	25	23	7,590	459	214	197	364	72	61	30	16	11
11	24	23	5,850	375	193	237	327	70	78	24	15	11
12	22	25	7,720	345	190	308	670	65	119	20	14	11
13	21	28	7,260	322	188	210	587	60	98	22	14	12
14	21	207	3,310	359	182	181	334	58	91	21	13	13
15	20	164	2,990	705	183	481	284	56	49	19	16	15
16	19	110	2,500	676	308	330	245	52	37	27	19	17
17	20	114	1,660	431	243	234	224	48	30	31	17	17
18	19	64	2,800	407	283	203	217	41	28	27	17	14
19	19	45	3,310	1,010	567	190	209	45	34	23	15	12
20	18	44	1,340	1,250	276	181	188	39	37	18	15	11
21	18	40	751	610	258	183	169	37	32	17	17	10
22	18	38	619	483	273	165	152	35	28	16	17	10
23	19	307	549	429	242	152	142	33	33	15	15	11
24	19	214	473	393	445	143	136	32	78	15	16	9.8
25	19	99	425	363	312	177	128	31	70	15	15	9.8
26	18	72	394	342	265	201	127	30	184	24	14	11
27	18	62	414	788	234	149	118	28	74	26	13	16
28	18	57	472	732	212	132	581	27	45	25	12	16
29	18	359	429	459	-----	124	1,180	26	37	37	13	13
30	18	48	327	360	-----	123	346	26	32	74	12	11
31	19	-----	376	324	-----	860	-----	39	-----	39	11	-----
TOTAL	751	2,069	52,112	18,432	7,357	7,839	14,278	2,996	1,822	829	701	369.4
MEAN	24.2	65.0	1,654.0	591.0	237.0	251.0	445.0	93.0	57.0	26.0	22.0	11.5
MAX	58	307	7,720	1,710	567	860	1,960	119	184	74	79	17
MIN	18	19	43	322	182	123	118	26	28	15	11	9.8
CFSM	.15	.42	10.1	3.58	1.58	1.52	2.89	.41	.35	.16	.14	.07
IN.	.17	.46	11.7	4.13	1.65	1.76	3.22	.47	.39	.19	.16	.08

CAL YR 1961: TOTAL 185,341 MEAN 508 MAX 8,450 MIN 18 CFSM 3.06 IN 41.52
 MAY YR 1962: TOTAL 108,652.4 MEAN 298 MAX 7,720 MIN 9.8 CFSM 1.79 IN 24.34

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	19	15	24	39	207	140	67	56	35	30	34	7.8
2	52	14	23	34	179	137	64	38	26	23	23	7.6
3	54	14	22	31	773	113	61	29	21	20	18	9.1
4	38	14	24	30	525	304	58	27	18	19	16	13
5	22	14	26	29	278	386	54	25	17	17	14	9.8
6	17	15	28	31	213	1,180	57	24	16	17	13	8.2
7	16	14	27	39	180	922	239	22	15	16	12	7.4
8	48	15	25	37	151	344	146	21	14	20	12	7.0
9	79	16	24	32	129	269	95	20	13	50	13	6.8
10	44	18	23	30	120	255	82	19	13	45	12	6.6
11	27	18	22	43	132	215	74	18	12	26	11	6.2
12	21	19	22	140	267	237	68	18	11	19	11	6.0
13	18	21	20	86	191	285	62	25	10	17	11	6.6
14	17	20	21	62	145	224	56	116	9.8	19	31	7.6
15	16	18	23	49	124	386	50	46	9.6	22	161	7.0
16	15	17	25	44	109	255	48	29	11	20	53	7.0
17	18	17	26	43	102	207	46	22	11	23	27	7.0
18	18	19	26	407	104	174	43	19	12	24	19	7.0
19	16	24	24	470	460	153	41	17	13	59	16	7.0
20	15	28	24	1,000	303	214	39	18	13	80	14	6.7
21	17	112	24	1,210	205	185	40	21	14	56	14	6.4
22	20	190	33	458	156	130	37	19	42	51	13	6.1
23	21	64	48	261	132	115	35	17	202	32	12	5.8
24	18	40	39	242	308	106	30	17	91	23	11	5.5
25	16	32	52	172	324	102	29	16	47	113	9.6	5.2
26	15	28	60	178	217	113	30	15	34	59	9.0	5.2
27	15	26	44	209	171	104	38	14	28	38	8.6	5.8
28	15	24	153	149	153	173	27	35	17	27	8.2	6.8
29	14	26	47	128	80	37	26	32	21	8.0	7.8	7.0
30	15	24	72	189	-----	74	45	155	29	20	9.0	7.6
31	16	-----	49	289	-----	70	-----	56	-----	38	9.2	-----
TOTAL	752	914	985	6,165	6,354	7,567	1,804	1,378	846.4	1,044	632.6	213.6
MEAN	24.3	30.2	31.8	195.6	205.0	244.1	60.1	44.5	28.2	33.7	20.4	7.12
MAX	79	190	72	1,210	773	1,180	239	266	202	113	161	13
MIN	14	14	20	29	102	70	29	14	9.6	16	8.0	5.2
CFSM	.15	.18	.19	1.20	1.37	1.47	.36	.27	.17	.20	.12	.04
IN.	.17	.20	.22	1.38	1.42	1.70	.40	.31	.19	.23	.14	.05

CAL YR 1962: TOTAL 56,371.2 MEAN 154 MAX 1,960 MIN 9.8 CFSM .27 IN 12.42
 MAY YR 1963: TOTAL 28,855.2 MEAN 78.5 MAX 1,210 MIN 5.2 CFSM .27 IN 12.42

2-4698 Satilpa Creek near Coffeerville, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	7.2	6.1	16	23	119	161	144	459	38	76	46	17
2	6.8	7.0	13	28	92	749	137	555	37	64	151	16
3	6.6	6.7	17	34	75	1,990	132	678	33	54	67	16
4	6.2	6.8	17	55	71	1,470	129	358	30	118	43	15
5	6.0	7.2	15	75	69	864	123	274	28	158	50	15
6	5.6	6.8	12	79	85	485	176	227	84	88	74	16
7	5.5	7.0	11	184	76	357	465	194	74	54	117	17
8	5.5	6.8	11	123	78	300	556	169	44	41	70	17
9	5.5	6.8	10	280	76	270	592	151	33	60	57	16
10	5.5	7.0	9.8	252	66	269	289	133	29	92	49	15
11	5.4	7.0	10	131	64	212	216	123	29	62	87	15
12	5.2	7.0	49	101	66	181	183	120	98	90	62	16
13	5.2	6.8	77	86	70	163	250	219	81	147	44	15
14	5.2	6.8	140	70	292	328	942	145	42	115	34	15
15	5.0	7.2	120	60	232	2,520	1,800	104	31	68	46	14
16	5.0	7.4	58	64	206	2,710	857	88	27	106	65	13
17	5.0	7.6	37	193	147	990	377	78	84	62	63	13
18	4.9	8.0	29	286	564	466	292	72	56	46	48	13
19	4.9	8.4	24	164	573	451	257	65	35	41	35	33
20	4.9	8.0	22	160	263	986	216	60	28	38	29	33
21	5.0	8.2	22	151	186	577	185	56	24	35	25	21
22	4.9	8.2	24	104	153	379	164	52	22	39	24	17
23	5.0	11	29	88	131	312	146	49	21	113	38	15
24	5.2	11	34	89	113	276	129	51	49	83	86	14
25	5.2	11	29	204	293	261	248	50	91	76	59	13
26	5.5	10	25	183	400	262	539	52	124	56	37	12
27	5.5	9.0	23	123	256	228	1,810	43	173	41	29	12
28	5.5	10	21	102	288	198	2,270	38	115	44	25	12
29	5.2	17	19	95	202	182	1,260	35	80	46	22	13
30	5.0	22	18	76	-----	160	807	33	82	45	19	26
31	5.2	-----	18	78	-----	147	-----	33	-----	36	18	-----
TOTAL	168.3	259.8	959.8	3,731	5,306	18,906	15,691	4,764	1,722	2,194	1,619	495
MEAN	5.43	8.66	31.0	120	183	610	523	154	57.4	70.8	52.2	16.5
MAX	7.2	22	140	286	573	2,710	2,270	678	173	158	151	33
MIN	4.9	6.1	9.8	23	64	147	123	33	21	35	18	12
CFSM	.03	.05	.19	.73	1.10	3.67	3.15	.93	.35	.43	.31	.10
IN.	.04	.06	.22	.84	1.19	4.24	3.52	1.07	.39	.49	.36	.11

CAL YR 1963: TOTAL 27,392.5 MEAN 75.0 MAX 1,210 MIN 4.9 CFSM .45 IN 6.14
WAT YR 1964: TOTAL 55,813.9 MEAN 152 MAX 2,710 MIN 4.9 CFSM .92 IN 12.50

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	26	22	96	137	263	425	232	62	14	29	124	30
2	99	21	128	324	250	1,240	208	56	12	26	78	32
3	49	20	80	180	250	771	195	51	12	23	59	137
4	103	20	282	169	231	553	186	47	12	26	48	88
5	724	20	304	128	217	441	178	44	11	78	43	111
6	211	20	150	116	334	364	164	41	12	54	39	67
7	75	20	113	111	816	318	155	39	18	37	169	46
8	52	20	97	105	436	285	146	37	28	41	108	36
9	42	20	88	100	330	264	136	34	20	43	196	30
10	35	20	83	336	285	338	127	31	15	35	92	27
11	30	20	253	272	262	454	120	30	15	31	220	25
12	27	20	1,070	178	984	390	129	28	16	27	104	24
13	26	20	485	145	1,270	1,000	160	26	17	23	88	30
14	26	20	254	130	557	579	120	24	26	24	72	62
15	201	20	194	124	392	416	102	23	40	43	55	40
16	201	23	164	173	339	340	97	22	28	54	47	29
17	84	22	147	147	1,210	321	87	21	19	44	47	25
18	56	21	226	118	2,620	795	80	20	17	28	42	23
19	44	23	247	111	1,530	482	78	19	15	22	69	22
20	37	101	188	106	642	377	203	18	13	19	81	23
21	32	90	234	101	502	318	135	18	12	18	102	26
22	30	47	201	145	430	283	91	18	11	25	92	23
23	28	36	178	2,700	372	288	78	18	11	26	72	23
24	26	49	167	5,060	355	340	72	18	112	22	52	22
25	25	467	687	1,840	424	270	70	21	99	19	42	20
26	24	201	438	724	312	257	77	19	40	20	36	18
27	23	191	255	501	283	308	150	17	29	46	31	18
28	23	204	197	512	270	273	158	17	33	55	31	18
29	23	286	171	348	-----	247	85	16	80	312	65	18
30	23	141	155	318	-----	312	70	16	43	1,130	46	366
31	23	-----	146	282	-----	280	-----	14	-----	370	34	-----
TOTAL	2,428	2,205	7,434	15,545	16,240	13,329	3,889	865	831	2,750	2,384	1,459
MEAN	78.3	73.5	240	501	580	430	130	27.9	27.7	88.7	76.9	48.6
MAX	724	467	1,070	5,060	2,700	2,620	1,240	62	112	1,130	220	366
MIN	23	20	80	100	217	247	70	14	11	18	31	18
CFSM	.47	.44	1.44	3.02	3.49	2.59	.78	.17	.17	.53	.46	.29
IN.	.54	.49	1.67	3.48	3.64	2.99	.87	.19	.19	.62	.53	.33

CAL YR 1964: TOTAL 66,493 MEAN 82 MAX 2,710 MIN 12 CFSM 1.09 IN 16.90
WAT YR 1965: TOTAL 69,359 MEAN 196 MAX 5,060 MIN 11 CFSM 1.14 IN 15.54

MOBILE RIVER BASIN

621

2-4700 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

Records available --October 1928 to September 1965 Since October 1960, discharges above 40,000 cfs only

Gage --Water-stage recorder Datum of gage is 7 28 ft below mean sea level, datum of 1929 (levels by Corps of Engineers) Oct 1, 1954, to Nov 23, 1960, staff gages above and below dam read twice and once daily, respectively Prior to Oct 1, 1954, staff gage above dam only Since Oct 19, 1954, auxiliary water-stage recorder at bridge on U S Highway 43, 8 3 miles downstream

Average discharge --32 years (1928-60), 26,230 cfs

Extremes --Maximums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Mar 4, 5, 1961	252,000	48 24	1964	Apr 17, 1964	143,000	41 49
1962	Dec 30, 1961	186,000	44 70	1965	Feb 24, 1965	130,000	a 39 90
1963	Mar 17, 1963	66,600	31 84				

a Occurred Feb 23, 1965

1928-65 Maximum discharge, 252,000 cfs Mar 4, 5, 1961 (gage height, 48 24 ft), minimum daily prior to Oct 1, 1960, 500 cfs Sept 2, 1929 (result of storage above dam from installation of flashboards)

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 Peak discharge determined from rating curve extended above 200,000 cfs by logarithmic plotting

Remarks --Records poor Some regulation by Lewis Smith Reservoir on Sipsey Fork (see p 631, 633), Bankhead lock and dam on Black Warrior River (usable capacity, 112,000 acre-ft), Demopolis lock and dam, and Jackson lock and dam

Cooperation --Gage-height record and 83 discharge measurements furnished by Corps of Engineers

Revisions (water years) --WSP 1434 1929, 1944(M)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
1					-	222,000	114,000					
2					-	236,000	119,000					
3					-	244,000	120,000					
4					-	251,000	122,000					
5					-	251,000	123,000					
6					-	249,000	124,000					
7					-	246,000	126,000					
8					-	237,000	128,000					
9					-	221,000	130,000					
10					-	207,000	132,000					
11					-	196,000	127,000					
12					-	181,000	125,000					
13					-	165,000	120,000					
14					-	151,000	116,000					
15					-	138,000	113,000					
16					-	129,000	108,000					
17					-	122,000	104,000					
18					60,600	119,000	96,600					
19					77,300	115,000	83,500					
20					84,000	111,000	68,400					
21					99,400	107,000	51,200					
22					120,000	103,000	-					
23					132,000	99,600	-					
24					139,000	96,500	-					
25					155,000	92,600	-					
26					175,000	87,200	-					
27					191,000	81,800	-					
28					207,000	76,600	-					
29					-	79,900	-					
30					-----	86,400	-					
31					-----	97,600	-					
TOTAL					-	4,799,200	-					
MEAN					-	154,810	-					
MAX					-	251,000	-					
MIN					-	76,600	-					
CFSM					-	8 11	-					
IN					-	9 34	-					

2-4700 Tombigbee River near Leroy, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT	NOV	DEC	JAN	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT
1			-	178,000	108,000	90,500	58,600	59,500				
2			-	170,000	110,000	92,900	63,700	48,500				
3			-	162,000	113,000	94,700	66,400	40,000				
4			-	155,000	117,000	94,800	68,100	-				
5			-	148,000	120,000	93,600	69,600	-				
6			-	137,000	122,000	91,700	70,900	-				
7			-	127,000	124,000	89,900	72,600	-				
8			-	115,000	125,000	88,100	73,100	-				
9			-	108,000	125,000	84,600	73,900	-				
10			-	102,000	120,000	82,400	74,600	-				
11			70,600	99,000	115,000	80,800	75,400	-				
12			78,300	97,500	103,000	79,700	77,100	-				
13			89,700	96,700	85,600	79,800	80,800	-				
14			97,800	96,100	59,500	80,500	87,000	-				
15			103,000	92,700	45,200	82,400	92,200	-				
16			108,000	90,300	-	85,400	96,800	-				
17			110,000	88,900	-	86,400	101,000	-				
18			110,000	88,900	-	84,500	105,000	-				
19			130,000	90,000	-	81,300	109,000	-				
20			140,000	94,400	-	74,200	113,000	-				
21			150,000	99,700	-	64,700	116,000	-				
22			149,000	102,000	-	46,100	118,000	-				
23			154,000	103,000	51,900	-	118,000	-				
24			153,000	105,000	61,500	-	117,000	-				
25			159,000	105,000	71,100	-	115,000	-				
26			166,000	104,000	77,600	-	110,000	-				
27			176,000	103,000	81,600	-	104,000	-				
28			180,000	103,000	86,500	-	97,400	-				
29			185,000	103,000	-	-	87,900	-				
30			186,000	104,000	-----	-	72,600	-				
31		-----	184,000	106,000	-----	-	-----	-	-----			-----
TOTAL			-	3,474,200	-	-	2,684,700	-				
MEAN			-	112,070	-	-	89,490	-				
MAX			-	178,000	-	-	118,000	-				
MIN			-	88,900	-	-	58,600	-				
CFSM			-	5.87	-	-	4.69	-				
IN			-	6.76	-	-	5.23	-				

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV	DEC.	JAN.	FEB.	MAR.	APR	MAY	JUNE	JULY	AUG	SEPT.
1				-	-	-	-	-		-		
2				-	-	-	-	-		-		
3				-	-	-	-	44,300		-		
4				-	47,900	-	-	50,900		-		
5				-	49,200	-	-	53,500		-		
6				-	46,700	-	-	53,700		-		
7				-	40,400	50,700	-	47,400		-		
8				-	-	55,200	-	-		-		
9				-	-	57,200	-	-		-		
10				-	-	58,500	-	-		-		
11				-	-	57,600	-	-		-		
12				-	-	49,700	-	-		-		
13				-	-	51,000	-	-		-		
14				-	-	55,200	-	-		-		
15				-	-	60,900	-	-		-		
16				-	-	63,600	-	-		-		
17				-	-	66,100	-	-		-		
18				-	-	66,500	-	-		-		
19				-	-	64,100	-	-		-		
20				-	-	62,100	-	-		48,800		
21				59,080	-	61,100	-	-		49,000		
22				51,700	-	61,100	-	-		49,000		
23				41,600	-	61,300	-	-		46,700		
24				-	-	59,000	-	-		45,800		
25				-	-	49,300	-	-		45,900		
26				-	-	-	-	-		42,100		
27				-	-	-	-	-		-		
28				-	-	-	-	-		-		
29				-	-	-	-	-		-		
30				-	-	-	-	-		-		
31		-----		-	-----	-	-----	-	-----	-		-----

MOBILE RIVER BASIN

2-4700 Tombigbee River near Leroy, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT	NOV.	DEC	JAN.	FEB	MAR	APR.	MAY	JUNE	JULY	AUG	SEPT
1					61,500	-	96,600	125,000				
2				-	56,500	43,600	85,900	125,000				
3				-	48,200	61,800	73,400	125,000				
4				-	40,800	71,500	53,100	124,000				
5				-	-	77,600	45,600	123,000				
6				-	-	83,800	65,100	123,000				
7				-	-	88,400	84,700	122,000				
8				-	-	92,200	97,800	121,000				
9				-	-	95,400	113,000	120,000				
10				-	-	97,700	126,000	117,000				
11				50,700	-	99,100	134,000	114,000				
12				56,600	-	99,700	133,000	108,000				
13				59,500	-	99,900	135,000	96,900				
14				59,700	-	99,800	138,000	80,600				
15				54,500	-	104,000	141,000	55,800				
16				49,300	-	108,000	142,000	-				
17				45,300	36,800	111,000	143,000	-				
18				42,500	47,000	113,000	142,000	-				
19				-	56,300	114,000	141,000	-				
20				-	60,100	116,000	140,000	-				
21				-	61,400	118,000	140,000	-				
22				-	59,600	119,000	140,000	-				
23				-	58,400	121,000	139,000	-				
24				-	55,000	122,000	138,000	-				
25				-	50,700	123,000	136,000	-				
26				45,600	49,000	123,000	134,000	-				
27				54,800	47,600	120,000	134,000	-				
28				59,900	45,100	117,000	133,000	-				
29				64,800	42,700	112,000	131,000	-				
30				67,600	-----	107,000	128,000	-				
31		-----		67,100	-----	103,000	-----	-	-----			-----
TOTAL				-	-	-	3,583,200	-				
MEAN				-	-	-	119,400	-				
MAX				-	-	-	143,000	-				
MIN				-	-	-	45,600	-				
CFSM				-	-	-	6 25	-				
IN				-	-	-	6 98	-				

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
1			-	-	-	101,000	76,300					
2			-	-	-	90,800	83,600					
3			-	-	-	82,300	84,800					
4			-	-	-	77,600	87,700					
5			41,200	-	-	73,600	89,000					
6			43,100	-	-	69,600	89,200					
7			40,000	-	-	65,800	88,900					
8			-	-	-	62,400	86,600					
9			-	-	-	58,800	84,000					
10			-	-	-	54,400	81,900					
11			-	-	50,000	49,700	79,900					
12			54,100	-	63,400	46,800	77,900					
13			62,300	-	75,900	55,300	75,300					
14			65,900	-	84,200	59,700	72,000					
15			68,200	-	90,900	59,500	67,400					
16			68,700	-	94,100	60,000	58,900					
17			66,500	-	102,000	59,100	44,700					
18			63,600	-	112,000	57,400	-					
19			59,000	-	118,000	54,600	-					
20			51,600	-	122,000	53,500	-					
21			47,000	-	125,000	53,000	-					
22			43,900	-	126,000	51,800	-					
23			45,500	-	124,000	49,100	-					
24			41,300	73,500	130,000	45,200	-					
25			40,900	82,200	127,000	41,600	-					
26			-	83,600	124,000	40,800	-					
27			-	82,700	121,000	45,700	-					
28			-	77,500	112,000	53,700	-					
29			-	64,300	-----	59,800	-					
30			-	47,100	-----	66,600	-					
31		-----	-	-	-----	73,000	-----		-----			-----
TOTAL			-	-	-	1,872,200	-					
MEAN			-	-	-	60,390	-					
MAX			-	-	-	101,000	-					
MIN			-	-	-	40,800	-					
CFSM			-	-	-	3 16	-					
IN			-	-	-	3 62	-					

MOBILE RIVER BASIN

2-4701. East Bassett Creek at Walker Springs, Ala

Location --Lat 31°32', long 87°47', in NW 1/4 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 2.8 miles upstream from Rabbit Creek

Drainage area --188 sq mi

Records available --June 1956 to September 1965

Gage --Water-stage recorder Datum of gage is 60.02 ft above mean sea level, datum of 1929 Prior to Oct 23, 1958, at site 100 ft upstream at same datum

Average discharge --9 years, 296 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs revised), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	1600	* 13,400	11 38	Dec 13, 1961	1300	6,980	9 60	Apr 28, 1964	2000	* 2,470	7 80
Feb 22, 1961	0930	9,500	10 45	Dec 19, 1961	1400	3,570	8 33				
Feb 25, 1961	2400	6,220	9 35					Jan 25, 1965	0400	* 4,530	8 70
Apr 1, 1961	1100	6,450	9 43	Jan 22, 1963	1100	* 1,670	7 19	Feb 19, 1965	0800	2,440	7 78
Dec 10, 1961	0420	* 7,560	9 84	Mar 4, 1964	1800	2,420	7 77				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 29,30, 1961	55	1 41	1964	Oct 23, 1963	17	0 75
1962	Sept 24, 1962	27	96	1965	June 5, 6, 1965	24	0 75
1963	Sept 25,26, 1963	20	76				

1956-65 Maximum discharge, 19,300 cfs July 8, 1956 (gage height, 12.25 ft), minimum, 17 cfs Oct 23, 1964

Remarks --Records good

Revisions (water years) --WSP 1624 1957-58

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	156	862	112	277	233	1,090	4,940	325	131	280	95	90
2	130	1,220	107	269	217	945	2,050	337	124	266	88	165
3	113	451	105	226	238	835	1,180	360	117	390	91	392
4	107	240	104	171	246	756	885	299	113	272	102	428
5	105	190	104	151	240	706	833	263	110	283	114	264
6	289	164	104	142	252	922	833	245	104	224	117	160
7	422	148	104	137	379	1,630	811	232	99	184	120	147
8	420	137	103	154	418	1,690	774	218	96	168	145	132
9	301	132	102	169	380	1,440	898	285	93	170	178	107
10	195	128	102	176	285	1,070	960	306	93	158	226	99
11	154	126	106	148	239	810	987	303	99	158	206	112
12	134	124	105	134	217	684	1,250	250	99	214	173	127
13	122	121	100	156	202	639	1,060	227	111	251	115	127
14	113	118	98	382	191	616	932	211	162	245	123	171
15	108	114	136	440	177	581	736	204	216	203	210	179
16	102	112	190	517	171	538	667	200	280	165	251	139
17	96	121	214	319	391	746	686	183	216	153	145	107
18	96	131	176	221	1,990	1,930	598	170	173	135	148	91
19	91	135	136	202	9,020	1,580	510	163	361	138	107	83
20	93	120	127	209	6,380	1,410	472	156	788	156	90	78
21	105	115	147	213	3,120	874	444	183	992	266	84	74
22	111	111	154	190	6,710	698	420	221	1,030	246	179	72
23	99	169	163	170	2,980	608	401	224	544	216	128	69
24	91	218	137	180	3,100	545	382	217	308	174	106	67
25	84	190	128	378	4,030	501	362	242	378	158	98	65
26	81	158	130	607	4,100	470	357	308	713	134	132	64
27	78	134	133	610	1,870	489	417	251	1,050	120	158	61
28	77	126	129	528	1,330	843	426	207	899	117	116	59
29	78	128	127	382	-----	1,550	550	176	635	132	98	56
30	84	122	200	296	-----	1,900	422	154	358	121	92	56
31	151	-----	246	262	-----	2,040	-----	142	-----	108	86	-----
TOTAL	4,386	6,365	4,129	8,416	49,106	30,736	26,243	7,262	10,492	6,005	4,121	3,841
MEAN	141	212	133	271	1,754	991	875	234	350	194	133	128
MAX	422	1,220	246	610	9,020	2,040	4,940	360	1,050	390	251	428
MIN	77	111	98	134	171	470	357	142	93	108	84	56
CFSM	.75	1.13	.71	1.44	9.33	5.27	4.65	1.25	1.86	1.03	.71	.68
IN.	.87	1.26	.82	1.66	9.71	6.08	5.19	1.44	2.08	1.19	.82	.76

CAL YR 1960: TOTAL 120,940 MEAN 330 MAX 2,660 MIN 65 CFSM 1.76 IN 23.92
 MAY YR 1961: TOTAL 161,102 MEAN 441 MAX 9,020 MIN 56 CFSM 2.35 IN 31.87

2-4701 East Bassett Creek at Walker Springs, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	55	48	103	527	377	386	890	478	110	82	105	30
2	58	48	102	581	357	666	1,420	298	102	71	85	29
3	110	52	100	584	345	723	788	241	93	64	92	28
4	110	60	98	452	332	666	484	212	89	60	93	29
5	96	64	130	584	327	478	416	191	78	57	69	30
6	78	66	184	862	335	395	600	176	76	56	64	31
7	69	64	163	1,080	316	348	1,000	163	78	73	64	32
8	67	60	136	1,180	313	319	1,000	149	96	300	57	32
9	65	57	438	731	301	305	700	140	127	285	48	33
10	62	56	4,170	593	293	301	520	130	105	159	43	32
11	59	58	5,440	492	276	346	600	124	155	90	39	32
12	56	59	4,400	436	263	357	880	121	139	72	38	31
13	55	64	6,070	411	343	343	700	109	177	65	37	30
14	53	161	3,830	427	255	306	500	105	165	63	42	33
15	52	202	2,170	520	250	404	380	112	183	111	60	43
16	49	344	2,470	555	257	448	350	97	106	148	65	45
17	50	256	1,870	632	297	446	320	93	85	119	67	48
18	49	173	1,480	525	330	330	300	86	87	107	93	41
19	48	122	2,430	593	329	289	270	83	76	77	41	36
20	47	101	1,790	684	305	274	255	79	79	63	45	32
21	47	92	1,010	807	289	271	233	78	86	56	48	30
22	48	173	772	658	298	255	218	74	80	45	28	28
23	50	342	681	518	288	247	205	70	69	51	40	28
24	48	411	608	470	385	231	198	69	130	55	43	28
25	48	356	551	440	432	339	193	67	178	48	40	28
26	44	190	503	420	411	386	201	63	207	68	35	31
27	44	144	492	564	340	293	198	62	193	69	31	33
28	44	127	484	639	298	244	574	60	164	62	33	31
29	44	115	474	636	-----	225	784	58	110	137	34	31
30	48	108	429	488	-----	218	804	64	100	128	31	30
31	48	-----	436	407	-----	1,050	-----	109	-----	102	34	-----
TOTAL	1,801	4,173	44,016	18,496	8,871	11,889	15,981	3,962	3,522	2,949	1,621	976
MEAN	58.1	139	1,420	597	317	384	533	128	95.1	82.3	52.3	32.5
MAX	110	411	6,070	1,180	432	1,050	1,420	478	207	300	105	48
MIN	44	48	98	407	250	218	193	58	69	48	31	28
CFSM	.31	.74	7.55	3.17	1.65	2.04	2.82	.68	.62	.51	.78	.17
IN.	.36	.83	8.71	3.66	1.75	2.35	3.16	.78	.70	.58	.32	.19

CAL YR 1961: TOTAL 196,212

MEAN 538

MAX 9,020

MIN 44

CFSM 2.86

IN 38.81

WAT YR 1962: TOTAL 118,257

MEAN 324

MAX 8,070

MIN 28

CFSM 1.72

IN 23.39

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	84	42	78	110	321	245	131	62	82	125	448	28
2	101	41	75	95	300	235	125	75	56	98	261	31
3	119	42	77	88	372	219	68	45	76	97	28	28
4	141	42	77	84	434	339	116	55	39	66	68	27
5	108	42	79	81	610	514	108	51	35	54	56	26
6	70	41	78	90	438	767	152	49	33	46	48	26
7	69	42	78	93	759	929	236	47	31	42	49	25
8	138	44	79	94	258	948	239	45	29	56	44	24
9	177	54	77	89	228	566	212	42	28	75	44	24
10	122	51	70	84	208	393	163	40	27	97	39	23
11	87	53	68	95	368	351	142	39	26	76	50	23
12	68	69	66	163	591	324	130	37	26	52	42	24
13	58	67	62	155	522	300	124	37	24	43	38	46
14	52	60	62	151	386	314	107	40	24	42	52	42
15	48	55	66	119	290	390	100	39	24	46	164	30
16	47	53	71	103	247	372	93	36	25	89	155	28
17	46	52	74	97	222	333	88	35	27	79	91	28
18	44	53	72	208	221	281	84	35	36	60	61	26
19	42	54	69	390	409	250	80	33	43	71	49	26
20	41	81	68	961	431	229	77	33	42	178	45	25
21	57	338	68	1,460	444	217	75	36	39	154	49	24
22	70	446	91	1,610	311	221	72	34	103	99	44	23
23	56	369	93	998	253	193	68	37	161	66	39	23
24	49	226	97	517	329	179	66	44	397	129	36	23
25	44	135	125	388	361	175	62	44	447	236	34	21
26	42	106	123	341	416	205	62	38	158	222	33	21
27	40	92	119	308	324	189	70	34	135	153	31	24
28	40	86	104	301	265	175	66	158	139	88	30	29
29	39	82	141	273	-----	160	64	178	108	65	30	28
30	42	80	137	265	-----	148	62	190	80	57	30	26
31	46	-----	127	276	-----	139	-----	151	-----	96	29	-----
TOTAL	2,187	2,998	2,671	10,087	9,864	10,130	3,293	1,837	2,469	2,836	2,286	802
MEAN	70.5	99.9	86.2	325	352	327	110	59.3	82.3	91.5	73.7	26.7
MAX	177	446	141	1,610	610	968	239	190	447	236	448	46
MIN	39	41	62	81	208	139	62	33	24	42	29	21
CFSM	.38	.53	.46	1.73	1.87	1.74	.58	.32	.44	.49	.39	.14
IN.	.43	.59	.53	2.00	1.95	2.00	.65	.36	.49	.56	.45	.16

CAL YR 1962: TOTAL 76,123

MEAN 209

MAX 1,420

MIN 28

CFSM 1.11

IN 15.06

WAT YR 1963: TOTAL 51,460

MEAN 141

MAX 1,610

MIN 21

CFSM .75

IN 10.18

2-4701 East Bassett Creek at Walker Springs, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	24	25	44	117	193	281	203	933	87	102	116	36
2	24	22	54	119	215	626	197	1,420	88	91	105	34
3	24	22	52	123	193	1,040	191	1,640	79	91	118	32
4	23	22	48	123	160	1,990	191	1,320	70	102	121	31
5	22	21	48	282	151	1,620	184	784	68	100	104	36
6	22	22	46	216	152	894	207	551	90	117	196	35
7	22	22	40	281	151	763	231	444	89	97	247	36
8	22	22	42	283	151	546	310	378	90	68	269	34
9	21	22	40	505	139	448	427	358	71	74	177	31
10	20	22	37	518	133	400	470	306	78	64	143	29
11	20	22	36	581	122	351	369	282	69	69	127	30
12	20	22	61	396	113	313	247	300	62	112	108	36
13	20	21	120	231	118	281	236	356	80	183	116	33
14	20	21	241	183	142	265	992	316	77	133	95	31
15	19	22	303	153	217	368	1,250	301	59	122	86	30
16	19	22	287	142	306	708	1,660	224	71	119	100	28
17	19	22	195	223	242	1,680	958	193	81	86	91	28
18	19	22	124	291	291	859	520	173	67	73	84	30
19	18	22	94	364	427	551	393	158	54	66	74	30
20	18	22	82	480	591	577	335	146	47	62	63	29
21	18	22	81	414	522	653	293	137	43	88	56	28
22	18	22	78	367	301	679	258	124	40	68	46	29
23	18	34	86	269	241	452	233	117	40	380	82	28
24	18	31	86	226	215	362	211	116	61	444	74	26
25	19	26	84	224	258	340	203	127	60	348	89	24
26	20	24	81	273	290	340	332	130	55	200	82	2
27	19	24	75	353	357	309	1,710	118	90	146	62	24
28	19	35	65	250	356	290	2,310	98	168	118	50	26
29	18	77	61	198	316	255	1,850	86	185	134	44	28
30	18	74	57	173	-----	232	1,110	79	130	160	40	28
31	18	-----	74	173	-----	215	-----	79	-----	131	37	-----
TOTAL	618	809	2,842	8,537	7,163	18,688	18,081	11,774	2,349	4,763	3,222	904
MEAN	19.9	27.0	91.7	275	247	603	603	380	78.3	154	104	30.1
MAX	24	77	303	581	591	1,990	2,310	1,640	185	683	269	36
MIN	18	21	36	117	113	215	184	79	40	62	37	24
CFSM	11	14	49	146	131	3.21	3.21	2.02	42	62	55	16
IN.	12	16	56	1.69	1.42	3.70	3.58	2.33	46	94	64	18

CAL YR 1963: TOTAL 43,973 MEAN 178 MAX 1,910 MIN 18 CFSM 1.02 IN 13.76

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	34	40	163	178	330	540	390	98	28	42	278	39
2	72	39	111	168	335	770	340	88	26	36	120	39
3	71	39	91	179	325	948	309	83	26	34	85	108
4	100	39	106	176	309	937	292	78	26	35	68	215
5	140	39	148	198	274	658	282	73	25	44	56	279
6	147	39	306	166	384	531	265	68	26	57	65	153
7	161	39	245	172	460	577	247	65	35	71	89	101
8	105	40	151	137	622	409	232	62	96	61	89	73
9	73	40	118	134	658	380	221	58	81	75	133	58
10	58	40	103	170	452	392	210	54	54	89	115	48
11	50	40	196	222	372	422	198	52	49	105	103	45
12	46	40	364	364	621	490	193	49	53	64	116	44
13	43	41	450	255	747	551	214	47	62	52	142	72
14	44	43	610	187	1,080	681	187	43	83	68	104	54
15	92	44	341	173	822	684	171	40	96	65	87	87
16	111	43	204	165	531	480	161	39	105	98	68	72
17	155	44	165	155	896	518	151	39	79	62	68	52
18	131	44	171	159	1,520	831	141	37	59	44	73	47
19	85	49	169	137	2,240	885	258	37	46	37	97	46
20	67	49	187	130	1,370	758	312	35	39	34	98	49
21	57	98	173	123	792	531	187	34	36	31	79	47
22	52	108	172	124	615	470	157	34	33	37	78	42
23	48	93	177	1,150	529	422	195	37	30	30	127	42
24	46	94	216	1,520	494	413	123	45	35	34	105	41
25	44	204	735	3,370	509	434	127	42	32	51	71	39
26	43	204	551	1,420	603	427	113	36	33	37	53	36
27	42	245	656	765	529	438	117	33	40	68	45	34
28	41	218	450	551	425	436	124	34	47	141	41	34
29	41	184	359	442	-----	400	133	33	83	203	53	36
30	40	184	215	402	-----	372	110	31	57	268	57	196
31	41	-----	196	359	-----	388	-----	29	-----	404	46	-----
TOTAL	2,280	2,507	8,299	13,827	18,956	17,056	6,100	1,533	1,517	2,477	2,816	2,228
MEAN	73.5	80.9	268	447	608	550	193	49.5	50.6	78.3	88.8	71.3
MAX	161	245	735	3,370	2,240	948	390	98	105	404	278	279
MIN	34	91	91	123	274	372	110	29	25	30	41	34
CFSM	39	44	142	237	360	293	108	26	27	43	48	40
IN.	45	50	164	2.74	3.75	3.75	1.21	40	30	49	56	44

CAL YR 1964: TOTAL 88,567 MEAN 242 MAX 2,310 MIN 24 CFSM 1.29 IN 17.52
WAT YR 1965: TOTAL 79,596 MEAN 218 MAX 3,370 MIN 25 CFSM 1.16 IN 15.75

2-4710 Chickasaw Creek near Whistler, Ala

Location --Lat 30°49'15", long 88°09'10", 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

Records available --October 1951 to September 1965

Gage --Staff gage read once daily until Jan 3, 1965, and twice daily thereafter. Datum of gage is 11.21 ft above mean sea level, datum of 1929. Prior to Aug 2, 1964, water-stage recorder at same site and datum.

Average discharge --14 years, 271 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (1,500 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	1430	3,460	13 70	Dec 11, 1961	0930	3,160	13 33	Apr 27, 1964	2230	* 4,610	14 74
Feb 25, 1961	1830	2,800	12 82	Dec 13, 1961	0930	2,640	12 59				
Mar 18, 1961	1800	4,580	14 33	Dec 16, 1961	1500	2,040	11 65	Jan 23 or 24, 1965	-	* 12,000	18 80
Mar 31, 1961	0630	5,640	15 43	Jan 6, 1962	1530	2,870	12 92				
Apr 12, 1961	2330	2,390	12 23	Feb 19, 1962	0800	2,980	13 07	Feb 18, 1965	0700	1,970	11 50
Apr 15, 1961	1630	2,160	11 88	Mar 31, 1962	2130	5,360	15 25	Mar 2, 1965	0900	2,580	12 50
June 20, 1961	2100	* 6,340	15 90	Apr 7, 1962	1550	1,770	10 78	Mar 28, 1965	1600	2,510	12 40
Nov 15, 1961	-	* 15,300	19 97	Jan 20, 1963	1930	* 1,430	9 30				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 30, 1960	98	-	1964	Several days	a 31	-
1962	Sept 5, 1962	70	-	1965	Nov 7, 1964	67	-
1963	Sept 25, 1963	34	0 78				

a Minimum daily

1951-65 Maximum discharge, 42,000 cfs Apr 13, 1955 (gage height, 25.4 ft, from floodmarks), from rating curve extended above 10,600 cfs on basis of slope-area measurement of peak flow, minimum, 18 cfs Sept 3, 4, 1954 (gage height, 0.41 ft)

Remarks --Records fair except those for periods of no gage-height record, which are poor. Records of chemical analyses for water year 1964 are published in reports of the Geological Survey.

Cooperation --Gage-height record and 12 discharge measurements (1961-62) furnished by Corps of Engineers

Revisions --WSP 1434 Drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	128	279	101	495	214	490	1,900	298	144	376	190	348
2	116	153	99	318	200	458	980	327	137	286	146	745
3	106	123	101	203	190	412	709	294	133	274	171	729
4	102	113	103	164	180	379	610	249	128	827	390	530
5	123	107	105	191	170	369	536	224	126	514	642	348
6	700	105	105	144	350	359	575	214	122	315	681	231
7	1,280	103	105	142	600	364	804	204	118	322	492	207
8	759	102	105	369	559	416	637	197	114	378	874	274
9	346	104	105	474	356	403	548	808	112	297	570	387
10	225	110	105	296	261	331	615	893	137	254	332	324
11	181	111	160	200	221	297	557	435	189	298	276	612
12	160	107	220	173	200	295	1,930	288	162	412	258	718
13	156	105	153	214	185	291	1,760	243	143	328	228	458
14	137	106	121	454	173	278	818	218	236	309	192	394
15	132	105	224	362	167	262	1,600	218	328	264	293	434
16	130	103	459	237	160	249	1,130	260	450	256	908	273
17	123	105	315	189	159	556	699	218	223	320	465	209
18	118	112	168	170	534	3,900	949	185	171	406	412	179
19	118	126	142	164	2,850	2,440	474	182	282	298	246	166
20	134	119	134	185	2,000	898	422	160	3,180	216	193	160
21	127	110	225	170	1,220	628	384	158	4,280	676	224	159
22	120	107	228	135	731	489	343	140	1,140	94	222	157
23	113	108	159	150	624	414	345	148	560	416	199	149
24	108	118	142	172	609	360	322	205	411	384	195	140
25	107	116	140	572	2,140	321	306	334	525	334	264	140
26	104	110	143	1,000	1,540	296	338	506	607	240	231	140
27	102	108	181	847	718	614	632	672	860	225	199	150
28	101	110	166	477	539	1,660	731	350	778	256	179	150
29	100	112	144	346	-----	1,860	483	211	411	232	179	160
30	102	105	182	286	-----	1,840	322	175	332	216	480	160
31	196	-----	351	240	-----	4,400	-----	156	-----	170	366	-----
TOTAL	6,556	3,504	5,191	9,519	17,849	25,939	22,079	9,184	16,539	11,040	10,660	9,227
MEAN	211	117	167	307	637	837	736	284	531	356	344	308
MAX	1,280	279	459	1,000	2,850	4,400	1,930	893	4,280	941	908	745
MIN	100	102	99	142	159	249	306	148	112	170	146	140
CFSH	1.72	.95	1.36	2.50	5.18	6.80	5.98	2.41	4.48	2.90	2.80	2.50
IN.	1.98	1.06	1.57	2.88	5.40	7.84	6.68	2.78	5.00	3.34	3.22	2.79

CAL VR 1960: TOTAL 105,170 MEAN 287 MAX 4,230 MIN 83 CFSH 2-34 IN 31-80
 MAY VR 1961: TOTAL 14,287 MEAN 404 MAX 4,400 MIN 99 CFSH 3-28 IN 44-35

2-4710 Chickasaw Creek near Whistler, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	250	112	243	556	292	559	3,380	320	186	284	160	79
2	500	112	237	531	280	777	1,120	246	146	177	137	74
3	700	121	232	394	270	750	621	209	143	144	144	76
4	400	207	228	354	284	537	495	188	190	127	256	74
5	250	234	223	591	334	440	438	177	184	118	179	72
6	200	175	221	2,330	546	374	643	170	149	126	211	75
7	170	143	223	1,480	700	339	1,490	162	139	157	195	89
8	160	128	209	840	418	320	1,010	156	151	370	131	100
9	150	119	207	658	362	309	592	149	256	211	107	115
10	150	113	1,130	647	417	298	482	145	260	144	94	149
11	140	114	2,640	600	375	314	435	143	388	121	86	116
12	140	120	1,720	494	308	316	476	144	333	106	81	93
13	140	127	2,430	438	285	274	498	133	224	108	79	207
14	130	7,300	1,360	424	272	250	393	133	412	115	204	212
15	130	9,000	1,250	476	261	310	327	134	310	386	216	504
16	120	4,000	1,930	508	279	330	298	132	248	330	166	264
17	120	2,000	1,400	422	288	262	276	128	199	223	181	149
18	110	1,100	1,170	364	237	230	227	130	227	179	136	122
19	110	800	885	424	2,560	228	266	126	181	285	104	107
20	110	600	663	512	1,230	224	254	120	145	182	90	96
21	110	430	556	420	682	231	237	120	225	131	220	89
22	110	321	501	363	734	225	224	115	214	141	192	82
23	110	445	465	344	835	288	218	112	438	232	138	79
24	107	673	424	330	551	279	213	112	360	148	139	80
25	107	459	312	322	454	274	224	108	258	182	122	79
26	106	345	296	315	422	351	282	106	203	209	112	79
27	103	309	466	549	382	278	252	103	162	248	104	79
28	102	290	661	677	372	221	338	103	149	186	91	76
29	106	270	530	474	-----	206	815	101	262	159	81	74
30	113	252	396	356	-----	220	641	102	442	322	96	72
31	113	-----	388	318	-----	2,870	-----	144	-----	227	100	-----
TOTAL	5,367	30,621	23,596	17,511	14,854	12,891	17,210	4,471	7,184	6,078	4,363	3,562
MEAN	173	1,021	761	565	531	416	574	144	239	196	141	119
MAX	700	9,000	2,640	2,330	2,560	2,870	3,380	320	442	386	256	504
MIN	102	112	207	315	261	206	213	101	139	106	79	72
CFSM	1.41	8.30	6.19	4.59	4.31	3.38	4.66	1.17	1.95	1.59	1.14	.97
IN.	1.62	9.26	7.13	5.29	4.49	3.90	5.20	1.35	2.17	1.84	1.32	1.08

CAL YR 1961: TOTAL 191,620 MEAN 525 MAX 9,000 MIN 102 CFSM 4.27 IN 57.94
 WAT YR 1962: TOTAL 147,708 MEAN 405 MAX 9,000 MIN 72 CFSM 3.29 IN 44.66

Note --No gage-height record Nov 14-21

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	250	90	108	198	206	112	67	67	412	137		
2	804	86	103	188	201	107	63	63	382	81		
3	536	86	96	242	181	106	61	61	171	118		
4	412	89	94	246	180	107	61	61	108	104		
5	188	91	94	194	202	104	61	61	76	75		
6	136	89	106	173	458	208	60	60	63	58		
7	115	88	104	160	492	420	57	57	54	52		
8	104	96	108	152	296	306	57	57	51	48		
9	106	107	140	149	227	174	55	55	64	44		
10	102	103	121	148	216	139	53	53	66	41		
11	93	94	108	176	280	199	127	51	80	36		
12	87	116	108	592	533	188	115	50	83	47		
13	84	155	102	503	434	180	107	49	66	122		
14	83	125	97	332	270	171	97	48	98	60		
15	81	104	104	243	218	176	90	52	53	51		
16	82	98	202	192	173	87	87	61	52	50		
17	81	96	180	177	167	87	87	61	44	50		
18	79	98	195	188	160	83	83	61	42	50		
19	77	103	350	474	154	82	82	61	40	48		
20	74	118	1,260	441	155	80	80	61	52	43		
21	227	303	1,320	286	148	78	78	61	184	42		
22	488	496	821	226	133	76	76	61	209	41		
23	280	297	441	198	127	74	74	61	126	38		
24	159	157	332	363	126	72	72	61	156	36		
25	118	127	274	463	127	70	70	61	171	35		
26	103	115	254	328	136	67	67	61	198	36		
27	96	108	242	244	145	68	68	61	143	49		
28	102	106	216	215	121	70	70	61	126	44		
29	89	103	201	-----	132	71	71	61	78	49		
30	91	106	201	-----	116	71	71	61	94	44		
31	95	-----	211	-----	113	-----	-----	61	102	88		
TOTAL	5,412	3,948	5,323	10,281	7,380	5,806	3,455	2,690	3,861	3,419	3,057	1,720
MEAN	174	132	172	320	238	184	105	86.8	129	110	98	53
MAX	804	946	-	1,320	533	492	420	-	-	198	412	137
MIN	74	86	94	125	148	113	67	48	-	78	40	35
CFSM	1.42	1.07	1.40	2.70	2.14	1.52	.94	.71	1.05	.90	.80	.47
IN.	1.64	1.19	1.61	3.11	2.23	1.76	1.04	.81	1.17	1.03	.92	.52

CAL YR 1962: TOTAL 102,807 MEAN 282 MAX 3,380 MIN 72 CFSM 2.29 IN 31.08
 WAT YR 1963: TOTAL 56,352 MEAN 154 MAX 1,320 MIN 35 CFSM 1.26 IN 17.04

Note --No gage-height record May 16 to June 17, June 19 to July 21

2-4710 Chickasaw Creek near Whistler, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	41	34	76	184	171	176	129	503	96	150	272	102
2	40	47	79	189	156	546	124	690	97	100	203	88
3	38	50	103	166	142	1,240	122	952	85	120	350	83
4	36	44	110	165	131	885	123	619	76	260	250	86
5	36	44	85	172	130	646	123	367	70	220	180	130
6	36	44	68	221	142	446	132	281	94	110	250	124
7	35	45	63	610	134	318	338	235	181	100	280	118
8	34	44	65	680	130	254	334	213	99	90	300	112
9	33	36	70	994	130	226	221	192	79	71	320	96
10	33	54	68	838	118	205	167	178	269	80	260	80
11	33	49	63	454	113	182	141	166	297	72	200	69
12	32	44	72	305	108	165	129	201	358	290	160	68
13	32	36	181	254	107	152	143	658	230	190	320	75
14	33	42	444	205	112	144	582	604	125	210	340	67
15	34	40	417	176	114	160	809	290	150	600	324	65
16	33	44	275	166	120	186	466	202	100	300	199	62
17	32	45	149	269	113	161	266	166	85	219	168	70
18	31	45	108	377	212	137	206	146	75	203	276	88
19	31	45	95	329	263	192	172	129	68	234	297	95
20	32	45	88	289	185	600	152	117	150	206	281	89
21	31	45	110	319	143	570	135	108	140	144	241	81
22	31	50	142	200	136	300	125	100	110	368	193	74
23	31	60	165	273	130	217	95	117	95	731	205	65
24	31	72	152	364	118	189	111	91	240	525	179	62
25	32	60	114	462	216	202	107	96	270	471	152	59
26	33	53	97	335	329	248	510	96	140	337	192	57
27	34	88	44	242	259	210	3,248	32	228	54	34	86
28	34	66	83	220	276	170	2,850	79	340	352	382	61
29	32	113	80	192	219	152	1,180	75	550	916	178	80
30	31	115	83	170	-----	137	753	73	250	461	123	98
31	31	-----	92	164	-----	129	-----	77	-----	279	108	-----
TOTAL MEAN	1,038 33.5	1,575 52.5	3,885 125	9,284 322	4,657 161	9,545 308	13,967 466	7,885 254	5,284 176	8,937 297	7,504 242	2,458 81.8
MAX	41	115	444	994	329	1,240	3,200	952	550	916	382	130
MIN	31	34	63	164	107	129	107	73	68	71	108	54
CFSM	-27	353	1,02	2,62	1,31	2,50	3,79	2,43	3,79	2,27	1,97	467
IN.	-.31	-.48	1.17	3.02	1.41	2.89	4.22	2.38	1.60	2.61	2.27	.74

CAL YR 1963: TOTAL 48,167
MAT YR 1964: TOTAL 76,419MEAN 132
MEAN 209MAX 1,320
MAX 3,200MIN 31
MIN 31CFSM 1.07
CFSM 1.70IN 14.56
IN 23.11

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	100	74	217	182	351	707	544	129	142	96	327	116
2	128	72	192	158	383	2,000	447	125	113	80	182	135
3	168	71	153	318	101	1,650	366	101	233	137	141	141
4	598	72	216	203	314	874	334	115	89	191	125	182
5	811	73	258	161	340	668	297	111	83	142	167	276
6	632	69	193	143	383	512	273	104	102	112	214	184
7	266	67	146	72	423	191	254	104	156	247	247	126
8	148	74	126	128	553	380	235	103	189	196	510	107
9	130	79	119	125	399	343	224	101	138	490	1,120	92
10	111	74	118	131	417	329	207	96	110	446	1,030	401
11	100	73	171	188	386	330	198	92	118	741	699	546
12	92	74	831	155	435	308	195	90	156	870	410	278
13	92	82	682	136	617	302	191	86	161	385	284	189
14	103	82	362	132	619	297	172	81	132	290	214	149
15	158	82	245	126	461	272	159	80	176	306	173	120
16	241	83	189	120	362	255	154	78	160	386	153	106
17	164	81	176	115	556	245	148	77	125	343	209	110
18	122	81	191	113	1,710	308	142	77	135	256	244	116
19	100	80	164	113	1,290	278	150	75	131	158	415	135
20	91	178	210	110	678	240	454	73	95	125	478	150
21	83	265	198	111	502	223	575	73	81	106	287	162
22	80	162	203	114	428	213	284	153	74	101	262	126
23	79	112	193	6,110	367	217	206	480	70	101	313	104
24	75	154	181	6,400	353	221	195	256	76	95	329	111
25	74	415	350	1,620	415	212	279	141	73	89	156	137
26	74	444	329	906	378	228	466	107	72	86	134	104
27	74	242	241	775	308	1,160	298	92	74	108	122	95
28	79	234	195	600	284	2,160	216	409	79	297	124	91
29	78	469	171	469	-----	1,540	167	1,090	159	374	136	106
30	75	358	161	415	-----	758	163	529	152	501	125	1,180
31	74	-----	186	367	-----	655	-----	219	-----	414	114	-----
TOTAL MEAN	5,160 166	4,476 149	7,367 238	20,730 669	14,331 512	18,308 591	7,973 266	5,464 176	3,557 119	8,280 267	9,440 305	5,875 196
MAX	811	469	831	6,400	1,710	2,160	575	1,090	191	870	1,120	1,180
MIN	74	67	118	110	284	212	142	73	70	80	114	91
CFSM	1.35	1.21	1.93	5.44	4.16	4.80	2.16	1.43	.96	2.17	2.48	1.59
IN.	1.56	1.35	2.23	6.27	4.33	5.54	2.41	1.65	1.08	2.50	2.85	1.78

CAL YR 1964: TOTAL 86,924
MAT YR 1965: TOTAL 110,961MEAN 237
MEAN 504MAX 3,200
MAX 6,400MIN 57
MIN 57CFSM 1.93
CFSM 2.47IN 26.68
IN 53.68

Note --No gage-height record Jan 23, 24

Reservoirs in Mobile River basin

2-3935 Allatoona Reservoir near Cartersville, Ga

Location --Lat 34°09'50", long 84°43'40", at forebay of dam on Etowah River, 2½ miles upstream from Nashville, Chattanooga and St. Louis Railway bridge, 4 miles east of Cartersville, Bartow County, and 6 miles upstream from Pumpkinvine Creek
Drainage area --1,110 sq mi, approximately
Records available --December 1949 to September 1965
Gage --Water-stage recorder Datum of gage is at mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers)
Extremes --Maximums and minimums (contents in acre-feet, elevation in feet) for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Contents	Elevation	Date	Contents	Elevation
1961	Mar 11, 1961	555,900	853 54	Feb 3, 1961	157,200	816 34
1962	Dec 24, 1961	491,400	849 37	Jan 19, 1962	200,200	822 66
1963	May 6, 1963	522,900	851 46	Dec 24, 1962	194,000	821 82
1964	Apr 10, 1964	693,800	861 19	Dec 27, 1963	180,200	819 89
1965	June 17, 1965	384,300	841 40	Dec 23, 1964	185,400	820 63

1949-65 Maximum contents, 693,800 acre-ft Apr 10, 1964 (elevation, 861 19 ft), minimum, 119,600 acre-ft Dec 4, 1954 (elevation, 809 34 ft)
Remarks --Reservoir is formed by concrete gravity dam Spillway (crest elevation, 835 0 ft) is equipped with nine taintor gates 40 ft wide by 25 ft high, and two taintor gates 20 ft wide by 25 ft high There are four sluices 5 ft 8 in wide by 10 ft high and one sluice 48 in in diameter Storage began Dec 27, 1949, water in reservoir first reached minimum pool elevation Feb 5, 1950 Total capacity at elevation 860 0 ft (top of gates) is 670,000 acre-ft, of which 587,200 acre-ft is controlled storage above elevation 800 0 ft (minimum pool) Reservoir is used for flood control and power
Cooperation --Gage-height record and capacity table furnished by Corps of Engineers

2-3994 99 Weiss Reservoir near Leesburg, Ala

Location --Lat 34°11', long 85°45', in SE¼ sec 12 T 10 S, R 8 E, about 75 ft upstream from center-line of left end of Weiss Dam on Coosa River, on relocated U S Highway 411, 1 2 miles east of Leesburg, Ala., and 4 miles upstream from Yellow Creek
Drainage area --5,270 sq mi, approximately
Records available --March 1961 to September 1965
Gage --Water-stage recorder with remote indicating gages, referenced to vertical staff gage Datum of gage is at mean sea level
Extremes --Maximums and minimums (contents in acre-feet, elevation in feet), for the water years 1962-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Contents	Elevation	Date	Contents	Elevation
1962	Apr 14, 1962	348,500	565 35	Jan 13, 1962	138,000	556 93
1963	May 2, 1963	450,400	568 24	Jan 2, 1963	141,400	557 12
1964	Apr 15, 1964	484,300	569 11	Jan 11, 1964	133,900	556 70
1965	Aug 29, 1965	303,400	563 90	Jan 8, 1965	136,200	556 83

1961-65 Maximum daily contents, 484,300 acre-ft Apr 15, 1964 (elevation, 569 11 ft), minimum daily contents since Apr 4, 1961, 133,900 acre-ft Jan 11, 1964 (elevation, 556 70 ft)
Remarks --Reservoir is formed by a compacted earth dam with a concrete gated spillway section Spillway is equipped with five radial gates 40 ft wide by 38 ft high Storage began Mar 28, 1961 Total capacity at elevation 572 ft (top of gates) is 607,700 acre-ft Reservoir is used for power development
Cooperation --Gage-height record and capacity table furnished by Alabama Power Co

2-4052 Logan Martin Reservoir near Childersburg, Ala

Location --Lat 33°25'30", long 86°20'10", in NE¼ sec 33, T 18 S, R 3 E, at Logan Martin Dam on Coosa River, 2 miles upstream from Kelly Creek and 10 miles north of Childersburg, Ala
Drainage area --7,770 sq mi, approximately
Records available --July 1964 to September 1965
Gage --Water-stage recorder Datum of gage is at mean sea level
Extremes --Maximum daily contents since July 6, 1964, 271,600 acre-ft July 31, 1965 (elevation, 464 89 ft), minimum daily since reservoir was filled to elevation 460 00 ft (July 22, 1964), 188,036 acre-ft Feb 23, 1965
Remarks --Reservoir is formed by a compacted earth dam with concrete gated spillway section Spillway is equipped with six taintor gates 40 ft wide by 38 ft high and stoney-type trash gate 20 ft wide by 22 5 ft high Storage began June 24, 1964 Total capacity at elevation 470 ft (top of gates) is 359,600 acre-ft Reservoir is used for power development
Cooperation --Gage-height record and capacity tables furnished by Alabama Power Co

2-4079 5 Lay Lake, 2-4094 Mitchell Lake, and 2-4104 Jordan Lake

Lay Lake --Lat 32°58', long 86°31', in NE¼ sec 24, T 23 N, R 15 E, at Lay Dam on Coosa River, half a mile upstream from Page Creek and 11 miles northeast of Clanton Drainage area, 9,090 sq mi, approximately Staff gage Datum of gage is at old Coosa River datum
Reservoir is formed by a concrete gravity-type dam, completed April 1914, equipped with 26 radial gates 30 ft wide by 14 ft high Usable capacity at elevation 420 ft (top of gates) is 48,000 acre-ft

MOBILE RIVER BASIN

Reservoirs in Mobile River basin--Continued

2-4079 5 Lay Lake, 2-4094 Mitchell Lake, and 2-4104 Jordan Lake--Continued

Mitchell Lake --Lat 32°48', long 86°26', in NE¼ sec 15, T 21 N, R 16 E, at Mitchell Dam on Coosa River, 5 miles downstream from Hatchet Creek and 11 miles southeast of Clanton Drainage area, 9,830 sq mi, approximately Staff gage Datum of gage is at old Coosa River datum Reservoir, completed August 1923, is formed by concrete gravity-type dam equipped with 26 radial gates 30 ft wide by 15 ft high Usable capacity at elevation 350 ft (top of gates) is 54,000 acre-ft

Jordan Lake --Lat 32°57', long 86°15', in N¼ sec 22, T 19 N, R 18 E, at Jordan Dam on Coosa River, 4 miles upstream from Pigeonroost Creek and 5 miles northwest of Wetumpka Drainage area, 10,200 sq mi, approximately Staff gage Datum of gage is at old Coosa River datum Reservoir, completed January 1929, is formed by a concrete arch-type dam equipped with 17 radial gates 30 ft wide by 18 ft high and 642-ft open-crest spillway Usable capacity at elevation 283 (crest of open spillway) is 84,000 acre-ft

Records available --October 1939 to September 1965

Extremes --1939-65 Maximum combined month-end contents, 454,500 acre-ft Mar 31, 1944, minimum combined month-end contents, 319,300 acre-ft Jan 31, 1940

Remarks --Reservoirs are used for power development Figures given herein represent combined usable contents

Cooperation --Gage-height record and capacity tables furnished by Alabama Power Co

2-4175 Lake Martin near Tallassee, Ala

Location --Lat 32°41', long 85°55', in sec 36, T 20 N, R 21 E, at forebay of Martin Dam on Tallapoosa River, 5 miles upstream from Soughatchee Creek and 10 miles north of Tallassee

Drainage area --3,000 sq mi, approximately

Records available --January 1927 (corrected) to September 1965

Gage --Remote indicating gage, referenced to wire-weight gage Datum of gage is at mean sea level (levels by Alabama Power Co)

Extremes --Maximum and minimum daily contents (in acre-feet) and elevation (in feet) at 2400, for the water years 1961-65 are contained in the following table

Water year	Maximum daily			Minimum daily		
	Date	Contents	Elevation	Date	Contents	Elevation
1961	Apr 1, 1961	1,637,900	490 41	Jan 6, 1961	960,700	470 03
1962	Dec 18, 1961	1,645,700	490 61	Dec 8, 1961	1,130,700	475 95
1963	May 2, 1963	1,627,700	490 15	Dec 21, 1962	1,113,000	475 37
1964	Apr 7, 1964	1,637,100	490 39	Dec 11, 1963	1,135,600	476 11
1965	Mar 27, 1965	1,622,300	490 01	Dec 24, 1964	1,207,400	478 37

1927-65 Maximum daily contents, 1,669,000 acre-ft Mar 21, 1929 (elevation, 491 20 ft), minimum daily, after first filling, 279,200 acre-ft Dec 3, 1931 (elevation, 433 10 ft)

Remarks --Reservoir is formed by a combination arch and gravity concrete dam with rip-rap earth embankment on left or east end Spillway is equipped with 20 modified stoney-type gates, 16 ft high by 30 ft wide Storage began June 8, 1926, and the powerhouse was completed in the summer of 1927 Total capacity at elevation 490 00 ft (top of gates) is 1,622,000 acre-ft, of which 1,375,000 acre-ft is controlled storage above elevation 430 00 (minimum pool) Figures given herewith represent total contents Reservoir is used for power

Cooperation --Gage-height record and capacity table furnished by Alabama Power Co

2-4519 5 Lewis Smith Reservoir near Jasper, Ala

Location --Lat 33°56'30", long 87°06'20", in W¼ sec 6, T 13 S, R 5 W, at forebay of Lewis Smith Dam on Sipsey Fork of Mulberry Fork of Black Warrior River, 1 2 miles downstream from Ryan Creek, 2 5 miles upstream from Mill Creek, 2 5 miles upstream from State Highway 69, 13 5 miles upstream from mouth, and about 14 miles northeast of Jasper

Drainage area --944 sq mi

Records available --October 1960 to March 1961 (elevations only) April 1961 to September 1965

Gage --Water stage recorder with remote indicating gages Datum of gage is at mean sea level (levels by Alabama Power Co), adjustment unknown

Extremes --Maximum and minimum daily contents (in acre-feet) and elevation (in feet) at 0600, from April 1961 to September 1965 are contained in the following table

Water year	Maximum			Minimum		
	Date	Contents	Elevation	Date	Contents	Elevation
1961	Aug 10, 1961	1,114,500	495 46	-	-	-
1962	Apr 15, 1962	1,584,200	518 54	Nov 22, 1961	1,031,000	490 31
1963	May 28, 1963	1,420,500	511 42	Dec 13, 14, 1962	1,114,300	495 45
1964	Apr 16, 1964	1,639,600	520 78	Dec 10, 1963	1,134,600	496 64
1965	May 29, 1965	1,490,900	514 58	Jan 8, 9, 1965	1,124,000	496 02

Maximum daily contents since Oct 3, 1960, 1,639,600 acre-ft Apr 16, 1964 (elevation, 520 78 ft), minimum daily since reservoir was filled to elevation 510 00 ft operating pool (Jan 6, 1962), 1,114,300 acre-ft Dec 13, 14, 1962 (elevation, 495 45 ft)

Remarks --Reservoir is formed by an earth and rockfill dam 300 ft high and 2,200 ft long with fixed crest spillway 956 ft long Storage began Oct 3, 1960 Capacity at elevation 522 ft (crest of spillway) is 1,670,700 acre-ft Storage of 394,000 acre-ft is provided between elevations of 488 and 510 ft for power generation Approximately 281,000 acre-ft of storage for flood control is provided between elevations of 510 and 522 ft Reservoir is used for power development and flood control

Cooperation --Gage-height record and capacity tables furnished by Alabama Power Co

MOBILE RIVER BASIN

Reservoirs in Mobile River basin--Continued

MONTH-END ELEVATION AND CONTENTS AT 2400, WATER YEARS OCTOBER 1960 TO SEPTEMBER 1965

Date	Elevation (feet)	Contents (acre-ft)	Change in contents (acre-ft)	Elevation (feet)	Contents (acre-ft)	Change in contents (acre-ft)	Elevation (feet)	Contents (acre-ft)	Change in contents (acre-ft)
	2-3935 Allatoona Reservoir			2-3994 99 Weiss Reservoir			2-4052 Logan Martin Reservoir		
Oct 31, 1960	850 42	265,000	-40,300						
Nov 30	825 56	223,000	-42,800						
Dec 31	817 82	166,500	-56,500						
Cal year 1960	-	-	-10,200	-	-	-	-	-	-
Jan 31, 1961	816 73	159,600	-6,900						
Feb 28	849 64	495,400	+335,800						
Mar 31	838 32	347,900	-147,500						
Apr 30	840 42	372,500	+24,600		258,000	(a)			
May 31	839 76	364,600	-7,900		249,900	-8,100			
June 30	839 72	364,200	-400		244,700	-5,200			
July 31	838 47	349,600	-14,600		244,700	0			
Aug 31	835 32	314,900	-34,700		236,900	-7,800			
Sept 30	830 65	268,000	-46,900		239,500	+2,600			
Water year 1961	-	-	-38,100	-	-	-	-	-	-
Oct 31	828 79	250,800	-17,200		205,200	-34,300			
Nov 30	828 51	248,300	-2,500		187,100	-18,100			
Dec 31	842 17	394,000	+145,700		224,400	+37,300			
Cal year 1961	-	-	+227,500	-	-	-	-	-	-
Jan 31, 1962	831 34	274,600	-119,400		297,400	+73,000			
Feb 28	837 53	339,400	+64,800		249,900	-47,500			
Mar 31	836 62	329,400	-10,000		252,600	+2,700			
Apr 30	841 37	364,100	+34,700		294,500	+41,900			
May 31	839 86	365,800	-18,300		294,500	0			
June 30	839 76	364,700	-1,100		294,500	0			
July 31	838 04	344,700	-20,000		288,700	-5,800			
Aug 31	832 80	288,900	-55,800		288,700	0			
Sept 30	832 75	288,400	-500		247,300	-41,400			
Water year 1962	-	-	+20,400	-	-	+7,800	-	-	-
Oct 31	831 16	272,800	-15,600		206,800	-40,500			
Nov 30	830 84	269,800	-3,000		189,500	-17,300			
Dec 31	823 13	205,800	-66,000		149,800	-39,700			
Cal year 1962	-	-	-190,200	-	-	-74,600	-	-	-
Jan 31, 1963	825 70	224,200	+20,400		185,200	+33,400			
Feb 28	828 85	251,400	+27,200		211,400	+28,200			
Mar 31	839 41	360,500	+109,100		247,600	+36,200			
Apr 30	846 60	452,000	+91,500		408,300	+160,700			
May 31	839 55	362,200	-89,800		298,300	-110,000			
June 30	841 71	388,300	+26,100		290,700	-7,600			
July 31	840 71	376,000	-12,300		294,500	+3,800			
Aug 31	838 89	354,500	-21,500		291,300	-3,200			
Sept 30	838 36	348,400	-6,100		262,000	-29,300			
Water year 1963	-	-	+60,000	-	-	+14,700	-	-	-
Oct 31	831 15	272,700	-75,700		225,400	-36,600			
Nov 30	827 24	237,200	-35,500		158,300	-70,100			
Dec 31	820 23	182,600	-54,600		183,200	+27,900			
Cal year 1963	-	-	-21,200	-	-	+33,400	-	-	-
Jan 31, 1964	834 34	304,700	+122,100		266,100	+82,900			
Feb 29	830 60	267,500	-37,200		213,500	-52,600			
Mar 31	855 35	586,000	+318,500		455,900	+242,400			
Apr 30	852 69	542,200	-43,800		281,500	-174,400			
May 31	840 77	376,700	-165,500		284,100	+2,600			
June 30	839 69	363,800	-12,900		297,400	+13,300			
July 31	839 40	360,400	-3,400		286,400	-11,000			
Aug 31	839 32	359,500	-900		276,100	-10,300	-	203,500	(b)
Sept 30	836 56	328,200	-31,300		243,700	-32,400	460 07	206,500	+3,000
Water year 1964	-	-	-20,200	-	-	-18,300	-	-	-
Oct 31	830 52	266,700	-61,500		215,200	-28,500	460 81	215,600	+9,000
Nov 30	828 22	245,700	-21,000		173,800	-41,400	460 49	211,600	-4,000
Dec 31	822 45	198,600	-47,100		155,700	-18,100	459 46	199,400	-12,200
Cal year 1964	-	-	+16,000	-	-	-27,500	-	-	-
Jan 31, 1965	826 95	234,700	+36,100		158,000	+2,300	459 47	199,500	+100
Feb 28	826 73	232,800	-1,900		191,100	+33,100	459 37	198,400	-1,100
Mar 31	840 56	374,200	+141,400		277,000	+85,900	460 03	206,100	+7,700
Apr 30	839 55	362,200	-12,000		291,600	+14,600	463 84	256,100	+50,000
May 31	840 19	369,700	+7,500		293,300	+1,700	464 45	265,000	+8,900
June 30	839 47	361,200	-8,500		293,900	+600	464 40	284,300	-700
July 31	838 40	348,800	-12,400		298,600	+4,700	464 87	271,500	+7,000
Aug 31	836 49	327,500	-21,300		301,300	+2,700	464 67	268,300	-3,000
Sept 30	832 52	286,100	-41,400		266,100	-35,200	464 72	269,100	+800
Water year 1965	-	-	-42,100	-	-	+22,400	-	-	+62,500

a Storage began Mar 28, 1961

b Storage began June 24, 1964

Reservoirs in Mobile River basin--Continued

MONTH-END ELEVATION AND CONTENTS, WATER YEARS OCTOBER 1960 TO SEPTEMBER 1965

Date	Elevation (feet)	Combined contents (ac-ft)	Change in contents (ac-ft)	Elevation (feet) at 2400	Contents (ac-ft)	Change in contents (ac-ft)	Elevation (feet)*	Contents (ac-ft)	Change in contents (ac-ft)
	Lay, Mitchell, and Jordan Lakes			2-4175	Lake Martin		2-4519 5	Lewis Smith Reservoir	
Oct 31, 1960		377,900	+5,500	479 76	1,253,200	-103,300	308 7	-	-
Nov 30		382,200	+4,300	474 55	1,091,500	-161,900	331 9	-	-
Dec 31		351,500	-30,700	470 16	963,700	-127,600	350 9	-	-
Cal year 1960		-	-13,700	-	-	-128,400	-	-	-
Jan 31, 1961		355,900	+4,400	471 48	999,800	+36,100	377 5	-	-
Feb 28		452,400	+96,500	490 41	1,637,900	+638,100	451 6	-	-
Mar 31		440,300	-12,300	490 44	1,639,100	+1,200	477 3	-	-
Apr 30		414,600	-25,500	489 77	1,613,100	-26,000	489 2	1,013,900	-
May 31		382,000	-32,600	489 55	1,604,700	-8,400	492 4	1,064,100	+50,200
June 30		416,700	+34,700	489 15	1,589,500	-15,400	494 1	1,091,800	+27,700
July 31		383,600	-33,100	488 92	1,580,600	-9,700	495 3	1,111,800	+20,000
Aug 31		395,700	+12,100	488 55	1,559,100	-21,500	495 1	1,108,400	-3,400
Sept 30		381,900	-13,800	485 29	1,446,200	-112,900	493 4	1,080,300	-28,100
Water year 1961		-	+9,500	-	-	+89,700	-	-	-
Oct 31		380,800	-1,100	480 43	1,275,800	-170,400	491 37	1,047,700	-32,600
Nov 30		376,500	-4,300	477 02	1,164,100	-111,700	490 66	1,036,500	-11,200
Dec 31		427,700	+51,400	487 78	1,537,700	+373,600	509 53	1,380,100	+343,600
Cal year 1961		-	+76,200	-	-	+574,000	-	-	-
Jan 31, 1962		441,100	+13,400	487 60	1,531,000	-6,700	515 12	1,503,200	+123,100
Feb 28		431,400	-9,700	489 41	1,599,300	+68,300	512 25	1,438,600	-64,600
Mar 31		420,100	-11,300	488 25	1,555,300	-44,000	510 19	1,394,000	-44,600
Apr 30		399,900	-20,200	488 40	1,561,000	+5,700	513 38	1,463,700	+69,700
May 31		390,700	-9,200	488 17	1,552,500	-8,700	509 56	1,380,700	-83,000
June 30		382,900	-7,800	488 17	1,552,500	0	508 56	1,359,800	-20,900
July 31		380,400	-2,500	488 50	1,564,800	+12,500	507 12	1,330,300	-29,500
Aug 31		393,200	+2,800	487 15	1,514,300	-50,500	504 82	1,284,500	-45,800
Sept 30		377,800	-5,400	483 68	1,388,600	-125,700	501 79	1,226,700	-57,800
Water year 1962		-	-4,100	-	-	-57,600	-	-	+146,400
Oct 31		374,500	-3,300	479 37	1,240,300	-148,300	498 95	1,175,000	-51,700
Nov 30		369,900	-4,600	479 04	1,229,300	-11,000	495 63	1,117,400	-57,600
Dec 31		381,300	+11,400	477 00	1,163,500	-65,800	496 79	1,137,200	+19,800
Cal year 1962		-	+48,400	-	-	-374,200	-	-	-242,900
Jan 31, 1963		415,100	+33,800	482 46	1,345,800	+182,300	501 25	1,216,700	+79,500
Feb 28		371,100	-44,000	485 03	1,436,800	+91,000	502 79	1,245,500	+28,800
Mar 31		416,900	+45,800	489 29	1,594,700	+157,900	509 41	1,377,500	+132,000
Apr 30		446,100	+29,200	490 02	1,622,700	+28,000	511 22	1,416,200	+38,700
May 31		390,300	-55,800	488 60	1,576,600	-46,600	510 43	1,399,200	-17,000
June 30		409,500	+19,200	489 91	1,619,500	+42,400	509 00	1,369,000	-30,200
July 31		379,000	-30,500	488 79	1,575,700	-42,800	509 90	1,387,900	+18,900
Aug 31		368,300	-10,700	486 90	1,505,000	-70,700	505 18	1,291,600	-96,300
Sept 30		374,900	+6,600	483 19	1,371,500	-133,700	501 48	1,220,900	-70,700
Water year 1963		-	-2,900	-	-	-17,300	-	-	-5,800
Oct 31		367,700	-7,200	479 65	1,249,600	-121,700	498 55	1,167,900	-53,000
Nov 30		394,300	+26,600	476 99	1,183,200	-86,400	497 04	1,141,500	-26,400
Dec 31		375,200	-19,100	477 93	1,193,200	+30,000	498 80	1,172,300	+30,800
Cal year 1963		-	-6,100	-	-	+29,700	-	-	+35,100
Jan 31, 1964		426,600	+51,400	486 16	1,477,900	+284,700	508 66	1,361,900	+189,600
Feb 28		411,600	-15,000	485 36	1,449,800	-28,100	509 49	1,379,200	+17,300
Mar 31		440,200	+28,600	489 47	1,601,600	+152,800	512 09	1,435,100	+55,900
Apr 30		435,200	-5,000	489 98	1,621,100	+19,500	519 06	1,596,900	+161,800
May 31		391,700	-43,500	489 05	1,585,500	-35,600	509 40	1,377,300	-219,600
June 30		375,300	-16,400	489 29	1,594,700	+9,200	507 07	1,329,300	-48,000
July 31		382,400	+7,100	489 35	1,597,000	+2,300	505 53	1,298,400	-30,900
Aug 31		382,600	+200	488 16	1,551,900	-45,100	504 55	1,279,200	-19,200
Sept 30		391,500	+8,900	485 55	1,455,700	-96,200	501 94	1,229,500	-49,700
Water year 1964		-	+16,600	-	-	+84,400	-	-	+8,600
Oct 31		381,200	-10,300	484 70	1,425,000	-30,700	500 34	1,200,000	-29,500
Nov 30		382,500	+1,300	481 83	1,323,800	-101,200	499 68	1,188,000	-12,000
Dec 31		390,800	+8,300	482 85	1,359,400	+35,600	499 29	1,161,000	-7,000
Cal year 1964		-	+15,600	-	-	-80,800	-	-	+10,700
Jan 31, 1965		392,500	+1,700	484 35	1,412,400	+53,000	498 18	1,161,500	-19,500
Feb 28		405,600	+13,100	486 99	1,506,300	+93,900	508 42	1,356,900	+195,400
Mar 31		441,300	+35,700	489 57	1,605,500	+97,200	513 92	1,475,900	+119,000
Apr 30		381,500	-59,800	488 98	1,582,800	-22,700	508 79	1,364,600	-111,300
May 31		394,800	+13,300	488 61	1,568,900	-13,900	507 96	1,347,400	-17,200
June 30		392,600	-2,200	489 50	1,602,800	+33,900	509 37	1,376,700	+29,300
July 31		390,000	-2,600	489 15	1,569,400	-13,400	509 06	1,347,200	-29,500
Aug 31		377,300	-12,700	487 47	1,526,200	-63,200	506 98	1,327,400	-42,800
Sept 30		376,800	-500	483 58	1,385,100	-141,100	504 37	1,275,700	-51,700
Water year 1965		-	-14,700	-	-	-70,600	-	-	+46,200

*Elevation at 0600 prior to October 1962 and at 2400 thereafter

DOG RIVER BASIN

2-4710 65 Montlilar Creek at U S Highway 90 at Mobile, Ala

Location --Lat 30°39'03", long 88°07'28", in SE $\frac{1}{4}$ sec 39, T 4 S, R 2 W, on downstream side of bridge on eastbound lane of U S Highway 90, 0.1 mile west of intersection with Interstate Highway I-65 in Mobile

Drainage area --8 26 sq mi

Records available --May 1962 to September 1965

Gage --Water-stage recorder Sheet-piling weir control

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (700 cfs, revised), water years 1963-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Dec 29, 1962	0520	* 894	5 00	Apr 14, 1964	0730	800	4 86	Oct 3, 1964	1520	781	4 99
June 27, 1963	-	-	-	Apr 26, 1964	0845	2,280	6 85	Jan 23, 1965	0700	1,230	6 00
Jan 8, 1964	1830	964	5 14	Apr 27, 1964	0150	* 4,000	8 60	June 12, 1965	1545	1,130	5 80
Mar 2, 1964	1300	780	4 82	May 2, 1964	0320	2,280	6 84	Sept 10, 1965	0400	837	5 13
				July 11, 1964	1950	720	4 70	Sept 30, 1965	1045	* 2,500	7 80

Annual minimum discharge, water years 1963-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1963	Many days	5 4	-	1965	May 13, 1965	6 3	2 34
1964	Oct 11, 12, 29, 30, 1963	3 7	2 31				

1962-65 Maximum discharge, 4,000 cfs Apr 27, 1964 (gage height, 8 60 ft), minimum, 3 7 cfs May 22, 1962, and Oct 11, 12, 29, 30, 1963 (gage height, 2 31 ft)

Remarks --Records fair above 20 cfs and poor below

DISCHARGE, IN CUBIC FEET PER SECOND, MAY TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1								-	7.2	8.2	7.2	7.2
2								-	7.2	8.2	12	8.2
3								-	9.2	7.2	8.2	7.2
4								-	8.2	7.2	7.2	6.3
5								-	7.2	7.2	10	7.2
6								-	7.2	8.2	8.2	9.1
7								-	8.2	24	7.2	6.3
8								-	8.2	10	7.2	8.2
9								-	9.8	8.2	7.2	7.2
10								7 2	25	7.2	7.2	8.2
11								8 2	24	7.2	7.2	7.2
12								7 2	13	7.2	7.2	7.2
13								7 2	11	7.2	7.2	7.2
14								7.2	13	7.2	7.2	51
15								7 2	11	7.2	8.2	11
16								6 3	10	11	8.2	7.2
17								6 3	12	8.2	8.2	11
18								6 3	9.2	8.2	8.2	7.2
19								6 3	8.2	8.2	8.2	7.2
20								6 3	23	8.2	13	7.2
21								5 4	9.2	8.2	10	6.3
22								5 4	8.2	8.2	10	7.2
23								5 4	8.2	7.2	8.2	5.4
24								6 3	10	8.2	9.2	6.3
25								6 3	8.2	8.2	9.2	6.3
26								6 3	8.2	9.2	9.2	5.4
27								6 3	8.2	9.2	8.2	4.5
28								6 3	17	9.2	8.2	5.4
29								6 3	41	21	7.2	4.5
30								6 3	11	9.2	7.2	5.4
31								8 2		8.2	7.2	
TOTAL								-	361.0	281.4	258.2	255.2
MEAN								-	12.0	9.08	8.33	8.51
MAX								-	41	24	13	51
MIN								-	7.2	7.2	7.2	4.5
CFSM								-	1.46	1.10	1.01	1.03
IN.								-	1.63	1.27	1.16	1.15

2-4710 65 Montlimar Creek at U S Highway 90 at Mobile, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	20	6.3	7.2	10	10	8.2	7.2	6.2	7.2	14	10	8.2
2	9.2	7.2	7.2	9.2	21	8.2	7.2	5.4	7.2	9.2	9.2	8.2
3	6.3	6.3	7.2	8.2	14	8.2	7.2	5.4	8.2	10	9.2	7.2
4	6.3	6.3	7.2	9.2	9.2	8.2	7.2	5.4	7.2	9.2	8.2	7.2
5	5.4	7.2	8.2	10	9.2	41	7.2	5.4	7.2	9.2	8.2	7.2
6	6.3	7.2	6.3	13	9.2	18	54	6.3	7.2	9.2	7.2	7.2
7	6.3	7.2	7.2	11	8.2	14	10	5.4	7.2	9.2	7.2	7.2
8	6.3	15	9.2	10	9.2	11	9.2	5.4	7.2	28	13	7.2
9	6.3	7.2	7.2	10	9.2	10	8.2	5.4	12	48	8.2	7.2
10	6.3	7.2	6.3	10	19	10	8.2	5.4	8.2	18	7.2	6.3
11	6.3	7.2	7.2	77	14	10	7.2	5.4	8.2	9.2	7.2	7.2
12	6.3	15	5.4	29	13	10	7.2	5.4	11	7.2	7.2	7.2
13	6.3	8.2	6.3	17	11	9.2	6.3	5.4	8.2	13	7.2	7.2
14	6.3	8.2	6.3	14	10	9.2	6.3	5.4	7.2	27	7.2	8.2
15	7.2	8.2	6.3	14	10	9.2	6.3	5.4	7.2	10	7.2	14
16	7.2	8.2	6.3	13	10	9.2	6.3	5.4	7.2	12	7.2	8.8
17	7.2	8.2	7.2	13	47	9.2	6.3	5.4	10	9.2	7.2	7.2
18	7.2	8.2	7.2	26	32	9.2	6.3	5.4	16	10	7.2	7.2
19	7.2	8.2	7.2	73	18	9.2	6.3	12	12	10	8.2	7.2
20	7.2	12	7.2	140	15	8.2	6.3	8.2	17	9.2	18	6.3
21	12	24	7.2	30	13	7.2	6.3	8.2	10	13	9.2	7.2
22	7.2	9.2	7.2	18	13	7.2	6.3	7.2	20	10	11	7.2
23	7.2	8.2	7.2	14	48	8.2	6.3	7.2	9.2	8.2	15	7.2
24	7.2	8.2	11	11	19	8.2	5.4	8.2	18	10	10	6.3
25	7.2	8.2	8.2	11	13	8.2	5.4	7.2	10	14	13	6.3
26	7.2	8.2	7.2	11	10	8.2	5.4	7.2	12	9.2	9.2	5.4
27	7.2	7.2	7.2	9.2	9.2	8.2	5.4	7.2	69	8.2	9.2	6.3
28	7.2	7.2	14	8.2	8.2	8.2	5.4	7.2	17	7.2	10	6.3
29	7.2	7.2	119	10	-----	8.2	5.4	7.2	13	7.2	10	6.3
30	7.2	7.2	17	10	-----	8.2	5.4	6.3	9.2	7.2	42	6.3
31	7.2	-----	11	10	-----	8.2	-----	6.3	-----	7.2	20	-----
TOTAL	231.1	263.5	356.0	659.0	431.6	317.6	247.1	198.5	370.2	382.2	330.0	218.4
MEAN	7.45	8.78	11.5	21.3	15.4	10.2	8.24	6.40	12.3	12.3	10.6	7.28
MAX	20	24	119	140	48	41	54	12	69	48	42	14
MIN	5.4	6.3	5.4	8.2	8.2	7.2	5.4	5.4	7.2	7.2	7.2	5.4
CFSM	.90	1.06	1.39	2.57	1.87	1.24	1.00	.78	1.49	1.49	1.29	.88
IN.	1.04	1.19	1.60	2.97	1.94	1.43	1.11	.89	1.67	1.72	1.49	.98

CAL YR 1962: TOTAL 4,005.2 MEAN 11.0 MAX 140 MIN 5.4 CFSM 1.33 IN 18.03
MAY YR 1963: TOTAL 4,005.2 MEAN 11.0 MAX 140 MIN 5.4 CFSM 1.33 IN 18.03

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.3	13	8.2	11	10	11	8.2	41	8.2	14	14	9.2
2	6.3	8.3	12	9.2	11	106	9.2	246	9.2	17	28	9.2
3	6.3	5.4	9.2	9.2	11	33	8.2	26	9.2	91	13	8.2
4	7.2	4.5	7.2	13	11	24	9.2	19	9.2	33	10	9.2
5	15	5.4	6.3	11	15	15	8.2	17	10	18	10	9.2
6	7.2	6.3	6.3	60	10	11	36	13	10	13	10	9.2
7	6.3	6.3	7.2	22	11	10	17	13	14	11	14	10
8	5.4	5.4	10	212	11	10	14	14	10	11	17	9.2
9	5.4	9.7	6.3	58	10	10	9.2	14	10	11	11	9.2
10	4.5	6.3	7.2	19	9.2	9.2	8.2	13	13	11	22	9.2
11	3.7	5.4	8.2	16	8.2	8.2	8.2	11	9.2	47	10	9.2
12	3.7	5.4	26	18	9.2	8.2	8.2	37	9.2	17	11	9.2
13	4.5	4.5	40	11	10	8.2	34	19	10	15	10	8.2
14	5.4	4.5	47	10	9.2	9.2	133	14	10	14	9.2	8.2
15	4.5	4.5	11	10	10	11	28	13	9.2	20	10	8.2
16	5.4	4.5	8.2	26	9.2	7.2	17	14	10	13	11	9.2
17	5.4	6.3	8.2	18	12	7.2	14	13	10	15	13	9.2
18	5.4	6.3	7.2	13	23	7.2	13	11	10	15	11	9.2
19	5.4	6.3	7.2	15	10	59	10	11	10	13	11	9.2
20	5.4	5.4	8.2	13	8.2	24	10	11	9.2	10	11	9.2
21	5.4	5.4	10	10	9.2	13	9.2	11	9.2	13	11	9.2
22	5.4	7.2	11	20	10	10	9.2	13	11	15	27	8.2
23	5.1	57	8.2	17	8.2	9.2	9.2	14	13	15	20	8.2
24	4.5	7.2	7.2	27	8.2	10	10	15	9.2	45	11	7.2
25	5.4	7.2	7.2	20	22	28	29	11	11	24	10	6.3
26	6.3	8.2	7.2	13	10	15	259	10	14	15	10	7.2
27	6.3	7.2	7.2	14	32	11	503	10	37	11	10	8.2
28	6.3	17	6.3	11	19	11	36	10	25	11	10	24
29	3.7	13	7.2	11	13	10	23	10	21	10	9.2	11
30	3.7	9.2	6.3	10	-----	9.2	23	10	-----	11	9.2	8.2
31	4.5	-----	27	25	-----	8.2	-----	9.2	-----	10	9.2	-----
TOTAL	175.3	260.3	355.9	752.4	349.8	523.2	1,313.4	693.2	372.0	589	392.8	278.5
MEAN	5.65	8.68	11.5	24.3	12.1	16.9	43.8	22.4	12.4	19.0	12.7	9.28
MAX	15	57	47	212	32	106	503	246	37	91	28	24
MIN	3.7	4.5	6.3	9.2	8.2	7.2	8.2	9.2	9.2	10	9.2	6.3
CFSM	.68	1.05	1.39	2.94	1.46	2.04	5.30	2.71	1.50	2.30	1.53	1.12
IN.	.79	1.17	1.60	3.39	1.57	2.36	5.91	3.12	1.67	2.65	1.77	1.25

CAL YR 1963: TOTAL 3,944.1 MEAN 10.9 MAX 503 MIN 3.7 CFSM 2.38 IN 17.27
MAY YR 1964: TOTAL 4,005.2 MEAN 11.0 MAX 140 MIN 5.4 CFSM 1.33 IN 18.03

PASCAGOULA RIVER BASIN

637

2-4720 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, on right bank at downstream side of bridge on U.S. Highway 84, 2 miles downstream from Oakahay Creek, 8 miles upstream from Big Creek, and 9½ miles northeast of Collins

Drainage area --752 sq mi

Records available --September 1938 to September 1965

Gage --Digital water-stage recorder Datum of gage is 197.48 ft above mean sea level (Mississippi State Highway bench mark) Prior to Dec 8, 1938, wire-weight gage and Dec 8, 1938, to Dec 5, 1962, graphic water stage recorder at present site and datum

Average discharge --27 years, 1,038 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height, in feet)

Annual maximum discharge (*) and peak discharges above base (8,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	1100	* 48,500	a 31.65	Jan 21, 1962	1800	12,800	20.86	Mar 17, 1964	1700	9,010	17.58
Apr 1, 1961	1200	26,900	27.18	Apr 2, 1962	1500	13,200	21.11	Apr 8, 1964	1400	* 23,000	26.00
				Apr 28, 1962	2000	15,000	20.98	Apr 29, 1964	1500	15,500	22.28
Nov 16, 1961	1100	9,940	18.92					Oct 7, 1964	1500	9,700	18.17
Dec 15, 1961	0500	18,000	24.11	Jan 23, 1963	0600	* 6,760	15.43	Dec 12, 1964	0100	8,040	16.70
Dec 19, 1961	0500	* 20,500	25.08					Feb 13, 1965	2400	* 14,000	21.40
Jan 8, 1962	0900	18,300	24.22	Mar 5, 1964	-	b 9,500	-				

a 31.65 ft in gage well, 31.85 ft from outside gage

b Estimated

Annual minimum discharge, water year 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 4, 1960	110	4.14	1964	Many days	67	a 3.86
1962	Sept 28, 1962	108	4.42	1965	July 24, Sept 9-10, 1965	111	a 4.01
1963	Sept 25, 26, 1963	70	4.02				

a Occurred Sept 15-17, 1964

1938-65 Maximum discharge, 48,500 cfs Feb 23, 1961 (gage height, 31.65 ft in gage well,

31.85 ft from outside gage), minimum, 55 cfs Aug 28-30, 1957 (gage height, 3.70 ft)

Flood in April 1856, the highest known, reached a stage of about 33 ft and the flood in April 1900 reached a stage of 32 ft, from information by local residents

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	121	464	159	1,540	704	3,350	25,700	435	200	1,130	505	320
2	117	389	157	1,780	640	2,640	24,600	424	194	958	418	249
3	114	378	157	1,720	810	2,000	13,700	397	183	1,200	369	343
4	112	276	155	1,030	1,230	1,620	4,270	386	181	2,950	393	294
5	117	207	155	646	1,380	1,440	2,670	364	179	2,360	524	267
6	202	177	155	491	1,090	1,420	2,050	351	175	990	444	247
7	622	157	153	435	817	2,450	1,600	333	170	702	366	211
8	1,040	144	151	630	777	2,840	1,350	328	165	998	353	207
9	971	144	161	817	752	2,690	1,700	370	165	1,620	446	209
10	863	144	179	1,020	711	2,060	2,270	378	172	1,280	418	203
11	476	142	240	828	611	1,500	2,180	333	296	1,250	366	207
12	274	142	361	589	533	1,250	2,240	316	218	2,700	353	211
13	209	138	378	527	479	1,130	1,880	303	300	3,780	294	232
14	181	138	315	844	435	1,040	1,590	284	450	3,980	524	443
15	163	138	323	931	403	950	1,290	303	400	3,890	461	475
16	155	146	406	919	386	898	1,050	333	397	3,280	690	348
17	142	153	403	745	576	1,770	914	318	386	2,130	678	267
18	138	163	358	598	3,990	5,880	816	286	389	1,380	577	224
19	130	155	323	515	4,430	5,980	750	268	647	890	388	203
20	123	151	310	536	6,010	7,420	698	259	1,640	850	301	185
21	121	148	509	521	12,000	5,690	650	250	3,590	990	280	183
22	121	148	518	512	32,900	3,360	620	268	4,090	854	273	179
23	121	231	552	467	46,400	2,570	587	289	3,940	746	249	175
24	119	236	485	546	37,200	1,960	557	284	2,130	886	230	165
25	119	243	372	780	23,700	1,390	533	257	1,320	930	238	163
26	116	238	317	2,610	11,400	1,150	518	338	3,170	930	402	156
27	114	207	289	2,820	5,960	1,210	530	286	5,330	1,090	385	152
28	114	190	269	2,520	4,400	7,310	551	248	4,450	1,350	264	146
29	112	161	257	1,940	-----	9,770	518	228	3,810	1,100	228	146
30	195	161	344	1,180	-----	10,700	464	218	1,940	938	218	148
31	415	-----	637	832	-----	19,200	-----	210	-----	782	211	-----
TOTAL	7,937	5,909	9,548	31,869	200,724	114,638	98,846	9,645	40,677	48,214	11,846	6,258
MEAN	256	197	308	1,028	7,169	3,698	3,295	311	1,356	1,578	382	232
MAX	1,040	464	637	2,820	46,400	19,200	25,700	435	5,330	3,980	690	475
MIN	112	138	151	435	386	898	464	210	165	702	211	146
CFSM	.34	.26	.41	1.37	9.53	4.92	4.38	.41	1.80	2.10	.51	.31
IN.	.39	.29	.47	1.58	9.93	5.67	4.89	.48	2.01	2.42	.59	.34

CAL YR 1960: TOTAL 320,182

MEAN 875

MAX 6,010

MIN 103

CFSM 1-16

IN 15.83

WAT YR 1961: TOTAL 367,511

MEAN 1,610

MAX 46,400

MIN 112

CFSM 2-14

IN 29.06

PASCAGOULA RIVER BASIN

2-4720 Leaf River near Collins, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	161	130	651	1,500	1,900	1,280	8,650	5,380	1,070	284	165
2	167	132	588	1,800	1,430	1,130	12,900	2,830	962	241	342
3	205	171	546	1,710	1,230	1,130	9,500	1,560	1,310	217	1,010
4	241	407	517	1,280	1,130	1,070	3,420	918	662	203	704
5	203	461	493	4,800	1,080	1,040	1,840	694	480	190	362
6	187	359	498	14,000	1,060	966	3,100	601	474	185	268
7	169	276	560	16,200	1,030	849	3,300	526	514	176	240
8	169	228	580	17,600	986	776	2,900	477	383	171	219
9	173	197	1,020	11,000	950	725	2,320	434	352	167	200
10	163	181	5,850	4,250	906	711	1,450	398	296	163	180
11	152	171	6,680	2,680	853	725	1,010	374	276	162	170
12	148	167	9,820	1,920	798	742	2,330	357	264	191	160
13	143	459	14,500	1,510	766	694	3,870	337	258	405	156
14	139	7,230	17,000	1,410	738	636	4,500	326	241	234	172
15	134	9,140	17,500	4,160	742	776	4,430	321	228	189	178
16	132	9,680	14,000	5,870	823	780	1,720	317	214	180	170
17	132	6,730	12,600	6,150	766	721	1,330	300	205	199	165
18	132	4,000	18,700	6,490	752	656	922	294	198	357	165
19	130	2,420	20,400	10,200	802	796	282	194	274	160	140
20	128	1,220	18,400	10,900	982	556	742	268	610	207	160
21	128	846	10,300	12,100	1,670	544	697	258	745	180	155
22	128	798	4,060	9,280	3,240	529	636	251	659	169	155
23	120	5,450	2,750	4,850	1,720	447	9,950	208	167	200	115
24	130	5,230	2,040	2,940	4,040	486	571	234	282	163	150
25	130	5,040	1,550	2,520	4,100	494	556	228	262	156	250
26	130	3,980	1,340	2,210	2,850	502	550	223	253	158	330
27	126	2,460	1,230	4,190	2,250	466	559	216	240	165	250
28	125	1,220	1,270	4,850	1,720	447	9,950	208	167	200	115
29	126	898	1,180	4,920	-----	431	9,860	203	292	169	170
30	128	746	1,050	4,320	-----	418	6,640	258	386	207	160
31	130	-----	993	2,590	-----	3,360	-----	1,130	-----	180	150
TOTAL	4,619	70,427	188,646	179,550	43,014	24,737	101,643	20,441	12,904	6,280	7,464
MEAN	149	2,245	5,924	5,792	1,355	798	3,278	659	410	198	230
MAX	241	9,680	20,400	17,600	4,100	3,360	12,900	5,380	1,310	405	1,010
MIN	125	130	493	1,280	738	418	550	203	194	156	150
CFSM	20	3.12	8.09	7.70	2.04	1.06	4.91	.88	.57	.27	.32
IN.	23	3.48	9.33	8.08	2.13	1.22	5.03	1.01	.64	.31	.37
CAL YR 1961: TOTAL	827,899			MEAN 2,268	MAX 46,400	MIN 112	CFSM 3.02	IN 40.94			
WAT YR 1962: TOTAL	664,428			MEAN 1,820	MAX 20,400	MIN 125	CFSM 2.42	IN 32.86			

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	126	141	164	334	1,510	1,100	288	150	99	169	175
2	142	139	162	268	1,680	2,120	273	142	97	184	115
3	139	141	162	239	1,810	1,980	263	139	96	167	98
4	126	152	160	217	1,930	1,630	253	139	94	161	94
5	124	162	166	208	2,030	1,160	242	136	94	154	93
6	121	155	179	212	1,500	1,430	242	135	94	166	92
7	120	149	175	219	882	1,060	286	132	94	135	89
8	120	159	173	212	688	944	301	130	93	129	90
9	221	164	167	206	589	762	291	127	92	146	87
10	244	152	162	200	532	632	263	124	97	135	92
11	169	150	161	228	501	570	244	123	94	123	90
12	149	159	162	516	516	538	239	120	93	118	89
13	141	173	161	765	522	772	258	117	90	120	87
14	136	178	161	695	510	2,190	239	115	89	118	89
15	134	162	167	516	482	3,130	221	114	88	124	114
16	138	162	177	359	446	1,900	206	113	87	121	136
17	152	155	186	299	416	940	196	111	88	117	111
18	150	160	184	428	410	709	184	110	97	130	89
19	141	166	182	1,650	1,370	599	179	110	124	142	93
20	136	235	182	5,430	2,060	655	173	113	121	127	94
21	178	428	179	5,470	2,160	655	171	110	133	113	101
22	276	353	177	6,090	1,720	551	169	113	226	106	107
23	212	258	175	5,650	960	492	169	115	256	106	99
24	182	188	188	3,140	1,090	431	166	113	217	104	71
25	162	188	353	1,950	1,300	393	167	110	286	115	87
26	154	173	370	1,180	1,280	452	167	106	288	149	88
27	152	169	299	909	1,020	523	166	104	180	161	87
28	167	166	258	608	768	164	103	152	132	85	77
29	144	164	596	706	-----	370	162	104	136	124	117
30	144	164	671	751	-----	331	159	101	130	117	182
31	144	-----	467	1,240	-----	309	-----	99	-----	114	499
TOTAL	4,824	5,485	7,136	41,095	30,682	29,774	6,201	3,478	3,733	4,157	3,428
MEAN	154	177	227	1,326	989	957	197	113	121	131	110
MAX	276	428	671	6,090	2,160	3,130	301	150	288	184	499
MIN	120	139	160	200	410	309	159	99	87	104	85
CFSM	21	24	31	1.76	1.46	1.28	.29	.16	.17	.18	.15
IN.	24	27	35	2.03	1.52	1.47	.32	.18	.19	.20	.17
CAL YR 1962: TOTAL	418,171			MEAN 1,146	MAX 17,600	MIN 112	CFSM 1.52	IN 20.68			
WAT YR 1963: TOTAL	143,416			MEAN 898	MAX 6,090	MIN 70	CFSM 1.52	IN 7.09			

PASCAGOULA RIVER BASIN

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2-4720 Leaf River near Collins, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	78	73	108	153	560	820	550	2,960	443	426	337	114
2	76	79	103	153	439	2,700	519	1,880	322	870	285	111
3	76	84	115	165	380	5,900	493	1,160	277	950	440	105
4	76	79	123	198	335	6,100	474	878	240	870	525	103
5	76	79	113	236	319	8,500	698	730	236	710	376	102
6	72	81	108	273	343	5,300	10,900	608	229	694	306	105
7	72	82	101	391	327	2,960	16,900	532	218	418	267	112
8	70	81	103	397	303	2,100	21,500	472	214	277	224	117
9	70	82	104	1,830	273	1,410	17,600	423	207	548	194	113
10	69	84	104	1,800	255	1,270	8,170	394	182	663	194	106
11	69	84	131	1,640	243	1,400	4,220	374	168	798	181	99
12	69	81	636	1,440	230	1,300	2,450	353	175	730	206	96
13	69	79	487	1,120	230	1,050	3,200	487	165	475	214	92
14	72	78	490	934	374	1,050	6,440	451	159	404	207	91
15	72	78	540	772	439	1,700	6,790	357	153	410	192	89
16	70	81	351	570	647	4,100	6,890	312	148	346	179	89
17	70	82	253	1,100	743	8,740	3,870	289	204	304	167	95
18	69	82	198	1,260	2,280	7,160	2,310	275	270	259	149	270
19	69	82	171	1,310	2,160	3,810	1,520	260	214	221	153	353
20	69	87	159	977	2,020	3,210	1,060	252	186	198	148	300
21	69	95	175	647	1,520	2,470	894	236	165	182	158	224
22	69	98	190	480	861	1,900	782	219	164	170	154	177
23	69	163	253	415	584	1,340	682	224	272	175	154	152
24	70	165	278	758	480	996	583	231	280	212	149	136
25	69	131	234	1,560	884	861	790	231	407	285	188	122
26	70	110	220	1,530	1,470	957	3,110	225	298	248	195	112
27	72	104	205	1,670	1,900	1,110	8,620	212	248	192	144	110
28	72	103	196	1,080	1,650	1,060	10,900	207	350	214	136	110
29	70	116	171	640	1,100	865	14,800	203	579	272	127	153
30	69	115	159	474	-----	678	8,350	211	431	1,310	123	300
31	69	-----	151	553	-----	601	-----	348	-----	348	117	-----
TOTAL MEAN	2,201 11.0	2,818 93.9	6,730 217	26,526 856	23,349 805	83,418 2,681	166,065 5,336	15,994 516	7,604 253	14,179 457	6,599 213	4,228 142
MAX	78	165	636	1,830	2,280	8,740	21,500	2,960	579	1,310	525	353
MIN	69	73	101	153	230	601	474	203	148	170	117	96
CFSM	-.08	-.12	-.29	1.14	1.07	3.58	7.36	-.69	-.34	-.61	-.28	-.19
IN.	-.11	-.14	-.33	1.31	1.15	4.13	8.21	-.79	-.38	-.70	-.33	-.21

CAL YR 1963: TOTAL 137,730 MEAN 377 MAX 6,090 MIN 69 CFSM .50 IN 6.81
 MAY YR 1964: TOTAL 359,741 MEAN 983 MAX 21,500 MIN 69 CFSM 1.31 IN 17.79

Note --No gage-height record Mar 5, 6, 1964

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	226	190	4,370	3,500	756	1,620	3,710	269	140	125	213	204
2	256	180	2,350	3,830	670	2,900	3,190	255	131	121	167	181
3	256	168	1,010	3,960	620	3,010	1,810	229	123	117	144	149
4	2,030	159	3,300	2,220	580	2,830	1,200	229	119	163	131	139
5	5,890	154	4,130	1,390	540	1,910	895	222	116	150	123	135
6	6,440	150	3,310	923	735	1,340	803	213	171	127	122	130
7	9,300	149	2,270	724	1,420	1,050	742	207	130	121	149	123
8	4,930	150	1,370	1,320	915	602	200	304	488	188	117	117
9	1,790	147	779	570	1,170	832	602	192	250	489	530	112
10	1,090	147	601	963	1,710	979	561	185	227	339	690	129
11	522	144	5,040	1,500	3,350	1,350	530	181	190	263	453	143
12	399	143	7,470	1,550	5,240	1,890	903	175	173	270	361	167
13	346	143	7,000	1,100	12,700	3,530	828	171	163	245	349	189
14	314	144	7,390	710	13,100	3,460	1,030	163	202	207	478	211
15	277	146	3,970	586	7,550	3,420	738	159	389	209	320	206
16	276	146	2,030	530	3,170	2,110	589	155	549	200	264	164
17	261	147	1,230	490	4,500	1,640	476	151	543	184	208	149
18	245	146	1,770	450	4,990	2,280	423	150	392	178	191	195
19	229	164	2,040	420	4,570	1,780	397	146	267	168	576	151
20	213	341	1,580	400	3,760	1,460	383	142	207	146	531	141
21	206	329	1,350	380	2,480	1,030	386	142	177	132	460	138
22	199	286	1,820	400	1,820	844	355	150	157	124	1,040	132
23	189	237	1,110	4,830	1,310	777	331	161	146	119	737	144
24	183	939	962	6,270	1,310	767	310	167	138	124	560	345
25	176	2,530	849	6,580	1,690	731	302	159	150	157	378	281
26	171	1,660	742	6,740	1,470	718	302	148	190	132	306	230
27	167	1,140	627	3,110	1,330	788	473	140	144	209	249	231
28	170	3,030	547	1,990	1,070	795	336	144	138	295	199	182
29	178	3,820	482	1,350	-----	799	297	161	138	512	202	158
30	192	3,890	453	985	-----	1,850	282	167	136	556	299	157
31	188	-----	3,860	840	-----	3,010	-----	148	-----	318	231	-----
TOTAL MEAN	37,309 1,204	21,119 704	75,782 2,445	59,798 1,929	84,941 3,034	52,415 1,691	23,446 782	5,492 177	6,506 217	6,988 225	10,849 350	5,133 171
MAX	9,300	3,890	7,470	6,740	13,100	3,530	3,710	269	549	556	1,040	345
MIN	167	143	453	380	540	718	282	140	116	117	122	112
CFSM	1.60	-.94	3.25	2.57	4.03	2.25	1.04	-.24	-.29	-.30	-.47	-.23
IN.	1.85	1.04	3.75	2.96	4.20	2.59	1.16	-.27	-.32	-.35	-.54	-.25

CAL YR 1964: TOTAL 482,202 MEAN 1,317 MAX 21,500 MIN 99 CFSM 1.75 IN 13.95
 MAY YR 1965: TOTAL 389,778 MEAN 1,068 MAX 13,100 MIN 112 CFSM 1.42 IN 13.28

PASCAGOULA RIVER BASIN

2-4725 Bowie Creek near Hattiesburg, Miss

Location --Lat 31°26' long 89°26', in Sec 5, T 5 N, R 14 W, St. Stephens meridian, on left bank 25 ft downstream from upstream bridge of dual bridges 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

Records available --September 1938 to September 1965

Gage --Digital water-stage recorder Datum of gage is 160.04 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) Prior to Dec 8, 1938, wire-weight gage, and Dec 8, 1938, to June 19, 1964, graphic water-stage recorder both at same site and datum

Average discharge --27 years, 445 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height, in feet)

Annual maximum discharge (*) and peak discharges above base (4,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 18, 1961	1300	4,670	15 30	Dec 18, 1961	2300	10,100	20 80	Apr 28, 1964	1000	* 4,000	13 96
Feb 22, 1961	1900	* 34,800	a26 54	Jan 7, 1962	0400	6,040	18 53				
Mar 30, 1961	0400	13,400	21 90	Apr 29, 1962	0400	* 11,500	21 28	Dec 12, 1964	0600	* 4,430	14 82
Nov 16, 1961	1800	4,400	16 20	Jan 21, 1963	1200	* 1,740	9 48	Feb 18, 1965	0030	4,140	14 24

a 26 54 ft in gage well, 26 92 ft from outside gage

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 5, 1960	129	2 83	1964	Oct 22-24, 1963	104	b 2 90
1962	Oct 20, 1961	143	a 3 39	1965	Sept 9, 10, 1965	120	2 82
1963	Sept 26, 1963	105	3 08				

a Occurred Sept 29, 30, 1962

b Occurred Sept 15, 16, 1964

1938-65 Maximum discharge, 34,800 cfs Feb 22, 1961 (gage height, 26 54 ft in gage well, 26 92 ft from outside gage), minimum, 83 cfs Aug. 29, 1957 (gage height, 2 58 ft)

Revisions --The maximum discharge for the water year 1943 has been revised to 24,000 cfs Mar 21, 1943 (gage height, 25 70 ft), superseding figures published in WSP 972 and 1304

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	146	406	154	1,020	338	1,140	8,040	256	192	336	173	214
2	141	235	152	567	324	917	5,150	254	187	273	173	186
3	136	181	152	402	441	687	2,210	261	186	246	200	244
4	132	157	151	295	468	573	1,070	256	185	232	390	186
5	130	148	152	254	370	518	762	246	182	232	215	186
6	143	143	153	237	343	724	664	238	182	216	186	186
7	158	142	153	256	434	1,820	687	233	180	203	238	173
8	179	139	153	1,190	427	1,590	582	232	182	208	187	185
9	164	141	157	993	351	1,410	1,230	248	183	216	172	186
10	146	141	160	579	308	898	1,640	280	183	218	172	193
11	138	143	189	389	280	646	1,190	263	197	246	186	178
12	136	148	218	314	264	518	1,270	235	202	294	169	209
13	136	146	215	364	294	460	915	230	215	341	159	442
14	136	143	189	885	246	422	644	224	291	423	203	1,380
15	136	143	208	641	237	382	521	222	263	382	294	494
16	134	145	261	449	235	356	460	226	298	278	418	336
17	134	147	224	349	989	998	416	222	348	261	253	232
18	134	155	199	304	4,240	3,390	386	215	307	254	218	196
19	134	157	179	278	3,350	2,720	364	208	354	220	187	180
20	133	155	178	293	2,770	1,880	347	208	704	208	171	169
21	132	154	208	284	5,280	1,300	334	212	891	300	162	168
22	132	154	227	257	25,700	951	323	216	801	246	163	164
23	132	169	215	240	22,400	637	316	226	579	230	168	164
24	132	189	192	310	10,400	495	307	212	348	208	164	159
25	132	177	185	1,330	5,590	419	298	218	263	202	160	157
26	132	170	182	1,750	2,920	381	298	263	520	200	166	153
27	132	161	182	1,480	1,890	478	314	253	1,430	289	160	152
28	132	159	181	932	1,390	3,190	302	238	1,740	224	159	151
29	133	158	184	607	-----	8,470	280	212	1,180	203	159	148
30	748	155	252	461	-----	11,300	263	202	574	190	172	147
31	1,110	-----	556	387	-----	7,740	-----	197	-----	179	172	-----
TOTAL	5,873	4,961	6,161	16,097	92,239	57,410	31,583	7,206	13,347	7,758	6,169	7,318
MEAN	189	165	199	584	3,294	1,852	1,053	232	445	250	199	244
MAX	1,110	406	556	1,750	25,700	11,300	8,040	280	1,740	423	418	1,380
MIN	130	139	151	237	235	356	263	197	180	179	159	147
CFSM	-.52	-.54	-.65	1.42	10.8	6.09	3.46	1.76	1.46	1.82	-.65	-.80
IN-	.72	-.61	-.75	2.21	11.3	7.02	3.86	-.88	1.63	-.95	-.75	-.90

CAL YR 1960: TOTAL 123,007

MEAN 336

MAX 2,870

MIN 127

CFSM 1.11

IN 15.05

WAT YR 1961: TOTAL 258,122

MEAN 707

MAX 25,700

MIN 130

CFSM 2.33

IN 31.56

641

2-4725 Bowie Creek near Hattiesburg, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

MONTHLY MEAN SURFACE TEMPERATURES FOR THE MONTHS OF THE YEAR 1961 TO SEPTEMBER 1962												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	149	157	243	610	528	394	1,430	1,620	423	296	261	169
2	175	157	253	581	476	461	1,010	744	416	243	384	168
3	343	192	249	502	438	628	1,120	502	356	212	364	167
4	282	291	246	456	416	514	538	414	348	199	576	164
5	199	309	244	1,110	407	440	376	366	266	189	609	169
6	169	312	245	3,960	416	384	1,140	336	260	183	403	180
7	162	249	271	5,410	390	360	1,750	314	284	175	256	236
8	159	200	290	3,320	368	345	1,030	298	298	172	212	206
9	168	183	559	1,520	364	343	584	282	284	172	196	179
10	288	175	1,540	932	370	341	436	273	350	172	186	178
11	249	172	2,630	682	352	343	370	265	416	187	178	182
12	172	172	2,890	552	338	345	613	254	325	186	175	176
13	159	684	3,160	488	334	329	828	258	320	193	172	169
14	154	2,810	3,300	480	327	320	696	320	392	203	171	163
15	147	2,500	2,940	1,100	325	443	458	268	305	189	190	162
16	147	3,960	2,560	1,410	473	485	356	248	238	175	214	162
17	146	3,120	2,780	1,290	569	399	312	240	215	173	220	164
18	146	1,250	7,890	990	414	341	294	232	206	175	280	162
19	146	579	8,210	2,110	374	325	284	230	200	169	227	158
20	145	410	4,060	3,010	348	314	278	228	199	167	193	152
21	145	338	1,660	2,670	334	314	265	221	194	162	183	149
22	145	307	999	1,570	392	311	253	218	203	159	180	149
23	145	1,360	753	924	490	302	248	215	193	157	179	148
24	146	1,400	630	711	990	294	362	209	187	157	175	148
25	146	1,140	555	611	702	303	364	206	209	153	179	148
26	147	702	514	798	499	316	327	203	334	159	194	148
27	147	447	628	2,280	445	302	372	203	432	227	209	147
28	147	352	839	1,960	418	287	6,760	202	278	261	190	147
29	151	312	600	1,330	-----	280	10,200	196	263	246	176	147
30	154	284	497	924	-----	282	4,590	208	263	230	172	147
31	157	-----	488	655	-----	1,730	-----	323	-----	215	178	-----
TOTAL	5,335	24,524	52,943	44,946	12,297	12,775	37,644	10,098	8,657	5,956	7,482	4,944
MAX	172	817	1,708	1,450	439	412	1,255	326	289	192	241	163
MIN	343	3,960	8,210	5,410	990	1,730	10,200	1,620	432	296	609	236
CSFM	145	157	244	456	325	280	248	196	187	153	171	147
IN.	.65	3.00	6.48	5.50	1.50	1.56	4.61	1.24	1.06	.73	.92	.60
CAL YR	1961:	TOTAL	323,929		MEAN 887							
WAT YR	1962:	TOTAL	227,601		MEAN 624	MAX 25,700	MIN 145	CSFM 2.92	IN 39.63			
						MAX 10,200	MIN 145	CSFM 2.05	IN 27.84			

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

MONTHLY MEAN SURFACE TEMPERATURES FOR THE MONTHS ENDING IN SEPTEMBER 1963												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	153	158	180	300	336	272	186	143	128	230	124	203
2	170	156	180	240	312	272	179	141	127	189	129	147
3	174	156	180	222	617	332	179	140	126	163	126	137
4	165	158	180	213	707	323	176	139	125	206	119	121
5	153	161	182	208	489	394	172	139	125	193	118	117
6	148	162	183	207	343	1,380	174	137	124	234	119	115
7	146	160	189	207	291	713	179	136	122	180	119	115
8	148	161	196	206	267	393	179	135	121	152	120	112
9	152	163	192	200	250	318	176	133	124	194	124	108
10	153	176	189	197	237	284	172	130	122	170	118	107
11	152	170	185	288	234	265	171	129	122	153	118	107
12	147	172	179	766	289	258	169	129	124	140	129	107
13	143	183	178	469	323	248	166	129	122	185	124	116
14	142	189	178	327	270	273	165	129	119	327	118	157
15	141	178	178	255	240	447	161	129	119	216	114	145
16	143	170	182	225	224	447	157	129	118	179	111	126
17	165	171	192	220	213	395	153	128	119	152	111	118
18	325	175	193	455	219	310	153	127	121	141	110	118
19	236	189	190	632	607	272	152	128	126	154	110	118
20	175	196	185	1,000	618	251	151	142	146	143	110	117
21	179	220	185	1,650	436	239	149	160	153	140	120	115
22	220	258	186	1,370	327	232	149	151	142	134	130	111
23	230	242	187	930	275	212	149	206	160	129	130	108
24	187	206	190	578	511	206	151	230	165	126	120	107
25	166	190	216	403	741	206	151	169	149	127	110	106
26	157	183	296	332	528	225	152	147	162	140	110	106
27	157	182	267	309	363	226	151	141	160	140	118	110
28	156	182	228	307	300	234	151	136	141	135	115	124
29	154	180	416	275	-----	210	149	134	135	129	119	129
30	156	180	591	256	-----	197	146	130	251	128	163	125
31	157	-----	447	289	-----	192	-----	129	-----	125	236	-----
TOTAL MEAN	132	5,427	6,900	13,536	10,567	10,229	4,868	4,405	4,081	5,154	3,834	3,660
MAX	365	151	223	377	317	1,252	1,410	1,230	1,110	1,210	1,110	1,110
MIN	141	156	178	197	213	192	146	127	118	125	110	106
CFSM	-.56	-.60	-.73	1.44	1.24	1.09	-.53	-.47	-.45	-.55	-.41	-.40
IN.	-.64	-.66	-.84	1.66	1.29	1.25	-.60	-.54	-.50	-.63	-.47	-.45
GAL YR 1962: TOTAL 162,376 MEAN 213 MAX 10,280 MIN 161 CFSM 1.46 IN 19.86												

2-4725 Bowie Creek near Hattiesburg, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	118	108	186	185	506	375	246	492	522	179	175	123
2	114	111	160	186	419	2,170	240	551	318	214	171	120
3	112	115	151	200	309	3,440	235	506	232	290	352	118
4	111	117	152	230	271	2,630	234	346	186	523	647	118
5	110	116	153	318	258	1,660	233	285	171	365	244	118
6	109	116	145	357	269	1,030	325	252	163	218	191	119
7	107	117	140	573	269	579	1,640	234	157	172	314	123
8	107	117	137	458	249	426	3,110	221	154	154	853	129
9	107	117	136	577	232	375	2,790	211	153	156	590	127
10	106	117	136	1,060	219	347	1,780	202	149	178	276	123
11	106	118	141	901	214	340	942	198	150	211	194	117
12	106	118	303	607	206	318	522	200	164	205	167	113
13	106	117	465	514	205	292	363	224	171	179	163	111
14	106	116	668	409	268	886	870	232	168	208	164	109
15	106	116	719	323	361	3,490	1,060	211	148	230	165	108
16	105	116	455	283	545	2,720	1,020	190	147	168	157	108
17	106	117	313	761	375	1,500	652	182	315	152	149	117
18	106	118	970	1,250	972	1,010	360	175	306	144	137	156
19	106	118	213	653	1,230	775	299	171	191	138	143	416
20	106	119	200	467	791	1,200	277	168	160	135	138	305
21	105	121	211	359	461	901	254	164	148	134	135	184
22	104	122	254	304	351	581	229	141	131	147	149	149
23	104	149	285	314	309	416	222	175	141	184	134	134
24	104	169	298	512	283	361	213	178	141	273	134	126
25	105	169	259	1,500	538	344	216	177	140	322	132	121
26	106	148	222	1,300	778	349	444	171	152	211	136	118
27	107	135	208	647	601	334	2,890	165	165	165	152	117
28	107	136	200	407	559	316	3,660	157	158	153	134	119
29	107	151	192	331	447	293	1,890	153	222	147	129	346
30	105	175	185	290	-----	269	934	152	197	144	125	1,480
31	105	-----	184	300	-----	254	-----	191	-----	210	123	-----
TOTAL	3,319	3,806	7,701	16,318	12,773	29,981	28,366	7,098	5,730	6,297	6,868	5,810
MEAN	107	127	248	526	440	967	946	229	191	205	221	184
MAX	118	175	719	1,500	1,250	3,490	3,660	551	522	523	853	1,480
MIN	104	108	136	185	205	254	213	152	140	134	123	108
CFSM	-.35	-.42	-.82	1.73	1.45	3.18	3.11	-.75	-.63	-.67	-.73	-.64
IN.	-.41	-.47	-.54	2.00	1.56	3.67	3.47	-.87	-.70	-.77	-.84	-.71
CAL YR 1963: TOTAL	75,160	MEAN 206	MAX 1,650	MIN 104	CFSM .68	IN 9.19						
MAT YR 1964: TOTAL	134,047	MEAN 366	MAX 3,660	MIN 104	CFSM 1.20	IN 16.40						

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	318	160	610	238	280	752	593	205	145	147	231	133
2	206	156	486	237	311	1,410	452	192	141	143	159	132
3	173	155	307	258	291	1,110	358	184	140	150	141	149
4	558	152	514	264	262	769	298	173	143	139	154	135
5	3,460	150	893	241	248	570	278	173	137	136	131	131
6	3,410	148	947	229	452	442	262	170	145	135	130	128
7	2,180	147	618	223	1,090	376	250	166	176	134	131	126
8	935	392	320	856	338	238	238	151	138	147	123	123
9	415	145	292	221	530	317	229	162	241	149	341	120
10	269	145	264	307	437	311	221	159	173	163	239	155
11	229	142	2,110	334	615	319	217	158	158	170	170	219
12	208	142	4,150	283	1,640	408	211	156	154	162	146	168
13	197	141	2,680	245	2,220	836	214	155	154	155	148	147
14	189	140	1,300	230	2,460	699	211	152	159	142	151	139
15	186	140	786	232	1,410	480	202	151	287	136	138	131
16	188	138	504	246	730	376	197	150	195	133	135	127
17	184	138	396	237	3,080	360	193	149	186	131	144	124
18	180	137	652	218	3,510	710	186	148	181	131	144	123
19	175	149	860	211	1,990	716	188	147	159	130	160	125
20	170	221	643	208	1,020	517	217	146	148	127	234	125
21	167	287	517	208	719	372	215	146	142	130	293	126
22	164	253	444	291	532	319	215	151	128	140	202	135
23	165	197	398	2,680	447	302	184	157	139	126	379	141
24	162	302	360	2,740	504	300	179	158	141	124	218	138
25	162	1,500	336	1,710	863	296	180	157	140	131	167	142
26	161	1,420	330	905	663	283	177	150	141	141	152	137
27	162	722	294	387	483	274	167	150	144	150	144	144
28	162	908	271	401	396	289	163	147	188	157	137	128
29	173	1,170	252	346	-----	285	401	149	166	220	133	128
30	173	797	246	325	-----	457	240	152	154	216	133	133
31	167	-----	241	302	-----	632	-----	149	-----	216	133	-----
TOTAL	15,650	10,548	23,092	15,377	28,014	15,625	8,432	4,927	4,923	4,594	5,652	4,096
MEAN	505	352	745	496	1,001	504	281	154	164	148	182	137
MAX	3,460	1,500	4,150	2,740	3,510	1,410	806	205	287	220	409	219
MIN	161	137	241	208	248	274	177	146	137	124	130	120
CFSM	1.66	1.16	2.45	1.63	3.29	1.66	-.92	-.52	-.54	-.49	-.60	-.45
IN.	1.91	1.29	2.83	1.88	3.43	1.91	1.03	-.60	-.60	-.56	-.69	-.50
CAL YR 1964: TOTAL	168,512	MEAN 460	MAX 4,150	MIN 108	CFSM 1.51	IN 20.62						
MAT YR 1965: TOTAL	140,931	MEAN 386	MAX 4,150	MIN 120	CFSM 1.27	IN 17.24						

2-4730 Leaf River at Hattiesburg, Miss

Location --Lat 31°21', long 89°17', in NW 1/4 sec 2, T 4 N, R 13 W, St. Stephens meridian, on left bank at downstream side of 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 and Northeastern Railroad bridge

Drainage area --1,760 sq mi, approximately

Records available --September 1938 to September 1965 Gage-height records collected in same vicinity since 1904 are contained in reports of U S Weather Bureau

Gage --Digital water-stage recorder Datum of gage is 118 23 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers) Prior to Jan 15, 1939, wire-weight gage and Jan 15, 1939, to July 15, 1965, graphic water-stage recorder both at present site and datum

Average discharge --27 years, 2,595 cfs

Extremes --Maximum and minimum discharges are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 23, 1961	72,200	31 53	Oct 29, 1960	495	a 4 43
1962	Dec 20, 1961	36,800	25 92	Sept 30, 1962	562	b 4 25
1965	Jan 21, 1965	11,400	14 95	Sept 26, 1963	389	c 4 45
1964	Apr 10, 1964	29,500	22 80	Oct 22, 1963	318	c 4 33
1965	Feb 18, 1965	18,700	19 08	July 25, 1965	d 490	-

a Occurred Sept 30, 1961

b Occurred Oct 28, 1961

c Occurred Sept 14, 15, 1964

d Minimum daily

1938-65 Maximum discharge, 72,200 cfs Feb 23, 1961 (gage height, 31 53 ft), minimum, 318 cfs Oct 22, 1963, minimum gage height, 4 02 ft Aug 27, 28, 1957

Flood in April 1900 reached a stage of about 33 6 ft, present datum from reports of U S Weather Bureau

Remarks --Records good Records of chemical analyses and water temperatures for the water year 1965 are published in reports of the Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	606	3,060	724	4,420	2,310	12,200	38,300	1,600	930	3,450	1,430	892
2	574	1,900	712	4,030	2,070	7,900	39,000	1,580	892	2,270	1,170	944
3	552	1,350	682	3,460	2,290	5,890	35,200	1,550	866	1,990	1,060	957
4	536	1,130	688	2,870	2,630	4,630	26,700	1,510	859	2,490	1,440	999
5	536	969	676	1,970	2,780	3,970	17,100	1,440	840	3,820	1,290	1,010
6	606	852	682	1,360	2,730	4,110	7,440	1,390	820	2,670	1,210	992
7	748	790	670	1,170	2,610	9,330	5,390	1,360	826	1,860	1,490	878
8	1,290	766	658	3,770	2,410	9,200	4,400	1,330	833	1,690	1,190	859
9	1,650	748	670	4,070	2,140	8,690	5,130	1,370	814	2,130	1,260	833
10	1,430	736	688	2,870	1,930	6,860	8,140	1,450	802	2,500	1,380	892
11	1,210	730	821	2,360	1,770	5,060	6,770	1,480	852	2,370	1,170	918
12	865	730	982	1,870	1,590	3,840	7,600	1,340	1,010	2,970	1,020	999
13	706	718	1,100	1,620	1,450	3,310	6,670	1,270	1,020	4,240	950	1,380
14	629	688	1,030	3,320	1,360	2,990	4,960	1,220	1,060	5,130	1,000	6,270
15	596	676	1,020	3,270	1,290	2,740	4,180	1,220	1,230	5,300	1,660	3,560
16	579	676	1,280	2,740	1,220	2,560	3,550	1,230	1,530	4,950	1,820	1,980
17	568	700	1,240	2,310	3,560	4,920	3,060	1,300	1,540	4,040	1,720	1,380
18	557	730	1,130	1,870	17,700	15,200	2,740	1,240	1,590	2,970	1,490	1,060
19	552	772	1,000	1,570	17,000	16,900	2,520	1,160	1,860	2,200	1,320	930
20	547	754	949	1,530	13,900	14,500	2,360	1,110	3,600	1,700	1,030	866
21	541	724	1,140	1,520	21,300	13,100	2,230	1,210	5,860	1,940	898	833
22	536	724	1,470	1,430	36,100	11,200	2,140	1,150	6,550	2,310	859	802
23	531	784	1,370	1,340	69,200	7,070	2,060	1,180	6,650	2,000	885	802
24	526	956	1,250	1,560	70,000	5,100	1,980	1,410	5,990	1,730	840	796
25	515	1,000	1,110	5,230	61,200	3,940	1,900	1,300	3,970	1,930	796	760
26	510	962	982	7,470	43,100	3,180	1,870	1,360	3,790	1,830	796	742
27	510	871	916	8,050	29,900	3,130	2,130	1,470	8,000	2,040	985	712
28	505	809	871	6,580	19,900	10,500	1,980	1,270	9,680	2,360	924	695
29	500	772	833	6,440	-----	24,400	1,800	1,100	8,270	2,370	820	678
30	3,640	736	962	4,100	-----	32,700	1,710	1,010	5,910	1,960	784	657
31	7,920	-----	1,760	2,830	-----	35,700	-----	957	-----	1,680	802	-----
TOTAL	31,571	27,813	30,066	99,000	435,440	294,820	251,010	40,567	88,444	82,890	35,489	36,076
MEAN	1,018	827	970	3,194	15,350	9,510	8,367	1,309	2,948	2,674	1,145	1,203
MAX	7,920	3,060	1,760	8,050	70,000	35,700	39,000	1,600	9,680	5,300	1,820	6,270
MIN	500	676	658	1,170	1,220	2,560	1,710	957	802	1,680	784	657
CFSM	.58	.53	.55	1.81	8.84	5.40	4.75	.74	1.68	1.52	.65	.68
IN.	.67	.59	.64	2.09	9.20	6.23	5.30	.86	1.87	1.75	.75	.76

CAL YR 1960: TOTAL 827,721 MEAN 2,262 MAX 15,000 MIN 500 CFSM 1.29 IN 17.49
WAT YR 1961: TOTAL 1,455,186 MEAN 5,981 MAX 70,000 MIN 500 CFSM 2.26 IN 36.71

2-4730 Leaf River at Hattiesburg, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	718	589	1,980	4,800	5,000	3,660	10,100	22,200	3,280	1,710	1,460
2	885	589	1,830	4,500	4,380	3,640	10,600	11,800	3,130	1,400	1,840
3	1,260	700	1,730	3,910	3,440	3,980	13,800	5,880	3,140	1,190	2,850
4	1,200	1,200	1,660	3,550	3,280	4,110	13,300	3,880	3,080	1,070	4,000
5	1,030	1,520	1,580	5,140	3,050	3,500	7,490	3,120	2,000	1,010	5,100
6	846	1,540	1,540	12,600	2,940	2,600	6,500	2,580	1,570	978	2,210
7	778	1,260	1,640	21,400	2,710	2,200	9,930	2,160	2,270	972	1,440
8	760	978	1,740	25,900	2,570	2,020	8,050	1,900	2,200	947	1,180
9	840	846	2,610	23,300	2,510	2,000	6,030	1,630	2,020	893	1,040
10	1,060	766	6,830	19,500	2,460	1,940	4,700	1,550	1,870	887	949
11	964	730	12,400	12,500	2,420	1,860	3,380	1,490	1,710	905	884
12	766	724	17,000	5,540	2,270	1,790	3,240	1,410	1,660	959	790
13	712	1,410	18,700	4,130	2,190	1,750	5,890	1,320	1,530	1,360	766
14	689	8,420	20,800	3,660	2,130	1,740	6,860	1,470	1,580	1,610	772
15	657	12,000	23,600	5,280	2,070	2,310	6,820	1,440	1,440	1,260	840
16	641	16,500	25,100	7,500	2,190	2,790	6,030	1,390	1,230	1,040	1,050
17	630	19,600	25,500	9,000	2,150	2,740	3,630	1,350	1,400	953	1,260
18	625	14,900	30,800	9,990	2,130	2,270	2,930	1,300	1,050	1,070	982
19	615	7,920	35,300	15,600	2,370	1,940	2,350	1,260	1,020	1,320	1,090
20	610	4,390	35,900	17,800	2,350	1,880	1,680	1,210	1,040	1,140	910
21	604	3,000	29,600	19,700	2,290	1,760	1,660	1,170	1,580	978	846
22	599	2,460	22,100	18,300	3,890	1,750	1,300	1,130	1,820	923	821
23	610	5,140	13,300	15,000	4,460	1,920	1,900	970	1,490	1,460	757
24	604	9,620	6,260	9,260	6,480	1,770	1,300	1,060	1,170	893	809
25	610	9,340	4,600	5,570	6,710	2,250	1,980	1,030	1,090	881	727
26	599	8,340	3,890	5,000	5,820	2,110	1,820	1,000	1,170	911	846
27	589	4,230	4,040	11,720	4,460	1,920	1,900	970	1,490	1,460	757
28	584	4,020	4,160	12,400	3,870	1,760	13,400	950	1,360	1,870	897
29	589	2,730	3,600	9,620	-----	1,660	29,000	947	1,490	1,730	865
30	589	2,270	3,400	6,570	-----	1,660	30,300	972	1,630	1,380	766
31	589	-----	3,700	5,540	-----	4,530	-----	2,080	-----	1,350	742
TOTAL	22,852	149,732	366,890	332,360	93,030	73,660	217,260	82,739	52,410	35,895	38,684
MEAN	737	4,832	11,840	10,720	2,938	2,376	6,857	2,677	1,678	1,122	1,248
MAX	1,260	19,600	35,900	25,900	6,710	4,930	30,300	3,280	1,870	4,000	1,130
MIN	584	589	1,540	3,550	2,070	1,660	1,090	947	1,020	881	727
CFSM	.42	2.84	6.72	6.09	1.89	1.35	4.11	1.52	.99	.66	.71
IN.	.48	3.16	7.75	7.02	1.97	1.56	4.59	1.75	1.11	.76	.82
CAL YR 1961: TOTAL	1,903,210	MEAN 5,214	MAX 70,000	MIN 584	CFSM 2.96	IN 40.22					
WAT YR 1962: TOTAL	1,489,395	MEAN 4,081	MAX 35,900	MIN 562	CFSM 2.32	IN 31.47					

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	658	612	833	1,600	3,030	1,860	1,020	700	435	763	484
2	784	618	821	1,160	3,370	2,410	977	620	427	787	498
3	748	618	821	996	4,160	3,350	933	580	418	734	475
4	718	653	809	903	5,210	3,350	914	573	406	805	452
5	676	676	833	846	4,210	2,890	896	573	402	829	440
6	647	706	833	846	3,390	5,860	872	562	398	805	422
7	629	682	846	878	2,630	5,140	896	557	398	728	422
8	653	676	815	890	2,060	3,070	927	547	393	694	431
9	718	718	878	878	1,760	2,480	989	537	398	787	435
10	748	760	846	840	1,620	2,010	970	537	427	676	431
11	827	742	827	942	1,540	1,770	914	532	402	599	479
12	718	760	802	2,650	1,630	1,640	890	527	402	537	734
13	635	772	790	2,410	1,730	1,590	878	527	406	605	475
14	612	784	778	2,040	1,610	2,090	841	527	398	902	422
15	606	790	778	1,650	1,500	4,910	859	522	393	817	398
16	618	742	790	1,270	1,410	5,660	817	512	398	682	414
17	724	736	821	1,080	1,330	3,580	793	517	406	605	470
18	956	778	840	1,790	1,300	2,410	787	522	427	605	452
19	969	927	827	2,820	2,210	1,930	757	522	537	740	435
20	778	903	815	6,930	3,990	1,760	734	520	512	671	461
21	766	1,140	809	11,000	4,050	1,890	734	520	599	605	489
22	903	1,390	815	11,200	3,570	1,690	728	537	654	562	479
23	1,060	1,020	815	11,200	2,740	1,460	636	527	628	498	414
24	903	1,020	809	9,110	2,560	1,350	694	609	921	475	489
25	736	871	949	5,570	4,120	1,350	688	695	908	479	440
26	635	827	1,320	3,690	3,530	1,340	711	527	823	512	427
27	585	815	1,320	2,850	2,840	1,480	688	498	927	589	414
28	562	815	1,110	2,490	2,250	1,500	694	479	628	621	448
29	590	821	1,600	2,220	-----	1,350	740	466	626	578	444
30	601	833	2,520	2,010	-----	1,170	746	457	616	557	914
31	606	-----	2,280	2,260	-----	1,090	-----	440	-----	537	945
TOTAL	22,369	24,211	30,750	97,915	75,370	75,433	24,763	16,874	15,825	20,367	15,290
MEAN	725	781	990	3,158	2,431	2,433	771	544	514	654	483
MAX	1,060	1,390	2,520	11,200	5,210	5,860	1,020	700	927	902	945
MIN	562	612	778	840	1,300	1,090	676	440	393	475	398
CFSM	.41	.46	.56	1.78	1.53	1.38	.47	.31	.30	.37	.28
IN.	.47	.51	.65	2.05	1.59	1.59	.52	.36	.34	.43	.32
CAL YR 1962: TOTAL	1,027,355	MEAN 2,815	MAX 30,300	MIN 562	CFSM 1.60	IN 21.71					
WAT YR 1963: TOTAL	434,576	MEAN 1,191	MAX 11,200	MIN 393	CFSM .68	IN 9.18					

2-4734 8 Tallahattah Creek near Waldrup, Miss

Location --Lat 31°51'40", long 89°05'10", in SE¼ sec 3, T 10 N, R 11 W, St Stephens meridian, near center of span on downstream side of bridge on county highway, 1 2 miles upstream from mouth, and 8 7 miles south of Waldrup

Drainage area --30 7 sq mi

Records available --January to September 1965

Gage --Wire-weight gage read twice daily, and crest stage gage. Datum of gage is 265 25 ft above mean sea level, datum of 1929 (Mississippi State Highway bench mark)

Extremes --January to September 1965. Maximum discharge, 892 cfs Jan 23, 1965 (gage height, 14 14 ft), minimum daily, 1 3 cfs July 24, 1965

Flood of Feb 18, 1961, reached a stage of 17 07 ft, that of April 6, 1964, 16 30 ft, and that of Oct 4, 1964, 15 40 ft, from floodmarks

Remarks --Records poor

DISCHARGE, IN CUBIC FEET PER SECOND, JANUARY TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1				-	36	166	41	9.6	2.8	3.0	5.8	5.8
2				-	37	430	34	8.4	2.5	2.7	5.2	5.8
3				-	31	196	32	7.6	2.5	3.0	4.6	5.8
4				-	30	97	28	7.1	2.7	3.4	4.3	9.1
5				-	29	74	26	6.9	3.2	3.0	3.9	7.1
6				-	77	60	24	6.5	3.7	2.6	3.7	5.8
7				-	115	52	22	6.1	4.8	2.4	4.3	5.0
8				-	61	48	20	5.3	5.6	3.5	22	4.4
9				-	49	46	19	4.8	4.4	3.0	15	3.2
10				-	62	119	18	4.3	5.0	2.8	9.4	4.8
11				-	78	116	17	4.4	6.0	3.2	6.4	7.6
12				-	362	170	16	4.3	7.6	2.8	5.1	5.8
13				-	309	288	17	3.9	8.1	2.5	4.9	5.0
14				-	110	122	14	3.7	17	3.2	5.7	3.9
15				-	69	78	13	3.6	11	3.0	4.7	3.2
16				-	61	61	12	3.6	11	2.2	4.4	2.6
17				-	310	88	9.7	3.5	8.4	1.7	5.8	2.1
18				-	363	155	9.4	3.3	6.9	1.6	5.2	1.8
19				-	140	70	10	2.8	6.1	2.4	4.7	1.6
20				-	89	55	15	3.0	5.2	1.6	12	1.5
21				-	73	46	11	2.9	4.6	1.5	6.8	1.6
22				-	58	43	8.6	3.8	4.1	1.4	9.7	1.6
23				-	860	52	46	4.5	3.9	1.4	8.6	1.9
24				-	640	99	46	7.6	4.6	4.0	1.3	1.5
25				-	183	184	40	7.6	3.7	4.3	2.5	1.5
26				-	73	36	9.1	3.0	4.1	2.9	4.1	1.5
27				-	58	33	114	2.7	3.7	3.4	3.6	1.9
28				-	54	32	30	3.4	3.5	21	4.2	1.9
29				-	48	34	15	5.6	3.2	11	6.0	2.2
30				-	44	69	11	4.3	2.8	11	5.2	2.5
31				-	37	58	-----	3.5	-----	7.6	4.3	-----
TOTAL				-	3,068	2,974	612.4	144.7	162.7	118.6	201.0	110.0
MEAN				-	110	95.9	20.8	4.87	5.42	3.83	6.48	3.87
MAX				-	363	430	114	9.6	17	21	22	9.1
MIN				-	29	32	7.6	2.7	2.5	1.3	3.6	1.5
CFSM				-	3.57	3.12	.67	.15	.18	.12	.21	.12
IN.				-	3.72	3.60	.75	.18	.20	.14	.24	.13

2-4735 Tallahala Creek at Laurel, Miss

Location --Lat 31°40'50", long 89°06'55", in NE 1/4 sec 8, T 8 N, R 11 W, St Stephens meridian, on right bank at downstream side of 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

Records available --September 1938 to September 1965

Gage --Digital water-stage recorder Datum of gage is 201.37 ft above mean sea level (Mississippi State Highway bench mark) Prior to December 14, 1938, wire-weight gage and December 14, 1938, to July 27, 1965, graphic water-stage recorder at present site and datum

Average discharge --27 years, 328 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height, in feet)

Annual maximum discharge (*) and peak discharges above base (3,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	0900	* 19,100	22.32	Apr 30, 1962	2100	5,750	16.97	Apr 29, 1964	1100	6,020	17.09
Mar 31, 1961	1500	12,500	19.70								
Dec 15, 1961	1000	5,860	17.02	Jan 25, 1963	2400	* 1,240	11.99	Dec 14, 1964	1200	* 5,230	17.13
Dec 19, 1961	2000	* 10,100	18.75	Mar 6, 1964	1100	3,620	15.77	Jan 26, 1965	2000	3,460	15.97
Jan 9, 1962	0300	4,250	16.17	Mar 18, 1964	2100	3,380	15.60	Feb 15, 1965	1500	3,080	15.67
Jan 21, 1962	2000	5,460	16.83	Apr 7, 1964	2400	* 21,100	23.13				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 26, 1960	10	1.96	1964	Oct 31, Nov 1, 1963	1.8	1.21
1962	Sept 27-30, 1962	8.0	1.78	1965	July 2, 3, 1965	8.8	1.79
1963	Sept 27, 1963	3.3	1.44				

1938-65 Maximum discharge, 21,100 cfs Apr 7, 1964 (gage height, 23.13 ft), minimum, 1.8 cfs Nov 3, 1952, Oct 21, Nov 1, 1963, minimum gage height, 1.21 ft Oct 31, Nov 1, 1963

Maximum stage known since at least 1860, about 26 ft Dec 9, 1919 Flood in April 1900 reached a stage of about 24 ft, from information by local residents Flood in April 1938 reached a stage of 20.7 ft, from information by Mississippi State Highway Department

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12	2	38	420	296	2,300	9,520	109	51	1,890	60	39
2	12	312	35	529	230	1,830	6,900	89	43	1,200	50	34
3	13	183	32	539	227	1,420	4,270	94	38	360	42	32
4	14	103	31	549	239	974	2,610	82	34	271	39	29
5	21	67	30	337	252	566	1,900	75	30	343	46	51
6	28	51	31	185	257	416	1,440	71	28	220	61	47
7	5	43	31	152	237	549	831	65	27	180	55	35
8	52	37	31	180	239	903	500	61	26	168	46	33
9	47	32	34	212	239	1,030	528	64	25	200	42	29
10	46	31	35	246	223	1,120	688	68	25	333	60	76
11	42	29	52	251	191	1,280	720	76	23	332	184	24
12	34	29	58	186	164	1,330	897	85	23	303	118	23
13	28	28	70	167	148	833	955	73	23	374	67	59
14	24	27	70	189	135	388	831	62	31	451	55	167
15	20	27	94	220	125	305	704	64	33	376	50	239
16	16	27	97	229	119	257	465	60	35	239	80	107
17	16	26	106	227	237	407	316	73	45	162	70	67
18	15	28	105	189	862	1,140	252	93	59	168	55	47
19	14	31	103	157	1,180	1,420	216	74	70	142	45	39
20	13	29	91	145	1,270	1,390	193	60	220	130	40	34
21	13	30	100	150	2,860	2,380	176	66	447	134	60	30
22	12	30	162	154	11,900	2,450	162	81	581	253	47	26
23	11	30	264	140	18,300	1,780	150	95	634	195	41	24
24	11	39	245	161	13,000	1,220	141	82	736	121	36	22
25	11	64	146	370	6,720	511	130	67	930	97	33	21
26	11	89	111	712	4,040	300	123	132	1,190	78	30	19
27	11	64	95	849	3,000	296	118	185	1,440	69	36	19
28	11	52	89	872	2,690	1,390	118	182	1,500	64	104	18
29	11	46	95	867	-----	2,720	123	163	2,260	87	62	18
30	165	43	132	860	-----	4,160	125	93	2,590	120	42	22
31	410	-----	272	632	-----	11,600	-----	64	-----	85	48	-----
TOTAL	1,219	2,109	2,887	11,076	69,380	48,665	36,102	2,708	13,197	9,145	1,804	1,380
MEAN	39.3	70.3	93.1	357	2,478	1,570	1,203	87.4	295	58.2	56.0	46.0
MAX	410	482	272	872	18,300	11,600	9,520	185	2,590	1,890	184	239
MIN	11	26	30	140	119	257	118	60	23	64	30	18
CFSM	17	30	40	153	10.6	6.74	5.16	37	1.89	1.27	25	20
IN.	19	34	46	1.77	11.1	7.77	5.76	43	2.11	1.46	29	22

CAL YR 1960 TOTAL 99,915.5 MEAN 273 MAX 2,570 MIN 9.0 CFSM 1.17 IN 15.95
 MAY YR 1961 TOTAL 199,672 MEAN 547 MAX 18,300 MIN 11 CFSM 2.35 IN 31.87

2-4735 Tallahala Creek at Laurel, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	19	11	178	362	1,780	403	1,150	4,390	311	40	35
2	18	11	148	480	1,260	442	1,210	2,640	292	34	53
3	22	32	130	568	596	579	1,380	1,830	215	31	38
4	22	40	120	550	404	609	2,160	970	269	27	43
5	25	59	114	521	362	533	1,900	287	150	26	78
6	24	52	116	949	334	424	1,350	210	214	24	55
7	22	51	126	1,190	316	346	1,040	177	200	23	38
8	20	42	146	1,940	302	292	1,040	153	119	21	30
9	19	33	328	3,660	281	262	1,040	134	97	20	24
10	19	28	1,180	2,480	279	250	1,130	128	155	20	22
11	18	24	1,640	1,850	267	251	1,290	124	140	18	19
12	17	27	1,640	1,310	240	266	935	108	137	16	21
13	17	123	1,910	409	224	250	910	93	124	41	15
14	16	379	2,950	420	218	222	1,050	88	96	73	14
15	14	534	5,620	659	219	252	1,160	95	84	43	14
16	14	846	4,570	964	360	330	1,190	88	64	46	14
17	13	1,010	4,150	1,070	463	336	1,070	85	52	38	18
18	13	962	6,000	1,180	328	267	445	88	46	34	20
19	12	1,050	9,170	2,600	284	221	276	75	45	26	15
20	11	1,130	7,670	3,380	255	197	243	65	41	23	14
21	11	518	4,080	4,500	322	189	214	59	38	26	16
22	11	196	2,550	4,170	550	186	188	55	40	25	15
23	11	294	1,900	2,650	832	172	163	52	49	21	13
24	11	533	1,440	1,980	1,030	162	154	48	40	18	12
25	11	685	775	1,510	1,050	175	169	45	36	17	12
26	12	774	431	996	1,070	208	197	42	32	15	11
27	12	978	379	1,200	844	214	425	40	30	20	12
28	12	1,350	404	1,530	480	227	3,040	39	29	32	12
29	11	1,153	398	1,430	-----	194	2,990	38	92	24	14
30	12	322	374	1,500	-----	175	4,240	112	70	17	12
31	11	-----	326	1,800	-----	564	-----	246	-----	27	13
TOTAL	480	13,247	60,965	50,008	14,952	9,198	33,751	12,604	3,303	900	719
MEAN	15.5	442	1,967	1,613	534	297	1,125	407	110	29.0	23.2
MAX	25	1,350	9,170	4,500	1,780	609	4,240	4,390	311	73	78
MIN	11	114	362	218	162	154	38	25	15	11	8.4
CFSM	.07	1.90	8.44	6.92	2.29	1.27	4.83	1.74	.47	.12	.10
IN.	.08	2.11	9.73	7.98	2.39	1.47	5.39	2.01	.53	.14	.07

CAL YR 1961: TOTAL 268,149 MEAN 735 MAX 18,300 MIN 11 CFSM 3.15 IN 42.80
WAT YR 1962: TOTAL 200,535.9 MEAN 549 MAX 9,170 MIN 8.4 CFSM 2.36 IN 32.01

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	SEPT.
1	18	18	34	194	474	265	102	30	8.6	14	12
2	12	18	34	122	601	266	95	28	8.4	12	8.2
3	12	18	34	93	723	474	87	26	8.0	11	62
4	16	18	34	78	745	665	81	24	8.2	11	56
5	15	18	35	69	814	830	78	22	8.2	11	28
6	19	19	34	70	832	982	74	20	8.0	20	19
7	17	20	36	62	619	989	68	19	8.2	16	14
8	23	22	40	60	295	1,010	68	18	8.0	21	10
9	16	27	37	61	236	1,040	69	16	7.6	15	8.6
10	27	35	36	60	196	1,050	69	16	6.9	11	8.6
11	86	35	35	133	182	654	66	14	6.7	8.4	8.6
12	68	38	34	208	187	300	64	13	6.6	8.6	7.3
13	37	34	33	275	190	264	62	13	6.6	9.4	6.7
14	25	31	33	168	182	338	62	12	6.4	10	8.0
15	21	29	30	131	168	552	56	12	6.2	8.4	8.0
16	19	33	31	106	151	652	50	11	6.1	8.0	11
17	20	32	33	97	138	553	45	11	5.8	8.4	120
18	23	32	34	153	142	342	41	10	13	8.6	68
19	27	31	37	243	238	268	39	9.2	14	8.8	39
20	27	43	38	524	416	338	36	10	51	8.2	26
21	38	62	38	846	576	287	33	10	86	13	18
22	30	77	41	926	667	273	32	22	110	13	13
23	40	102	37	964	495	204	31	24	139	9.6	12
24	50	88	43	1,050	344	164	29	16	170	8.4	10
25	60	66	52	1,180	462	144	28	13	95	8.6	8.6
26	35	52	80	1,040	556	139	28	12	50	8.6	8.4
27	26	43	91	417	563	147	30	11	34	8.4	8.4
28	22	40	106	286	376	202	34	9.4	28	8.4	8.2
29	20	34	131	246	-----	163	29	21	8.6	7.4	30
30	20	36	206	226	-----	128	30	8.4	16	19	83
31	20	-----	267	303	-----	111	-----	8.4	-----	28	102
TOTAL	889	1,153	1,704	10,391	11,568	13,794	1,616	477.0	951.7	361.2	830.8
MEAN	28.7	38.4	57.5	325	413	445	51.4	14.4	26.4	11.2	26.4
MAX	86	102	267	1,180	832	1,050	102	30	170	28	120
MIN	12	18	30	60	138	111	28	8.4	5.8	7.4	6.7
CFSM	.12	.16	.25	1.44	1.77	1.91	.23	.07	.14	.05	.11
IN.	.14	.18	.28	1.66	1.85	2.20	.26	.08	.15	.06	.13

CAL YR 1962: TOTAL 129,669.9 MEAN 355 MAX 4,500 MIN 8.4 CFSM 1.52 IN 20.70
WAT YR 1963: TOTAL 44,055.0 MEAN 121 MAX 1,180 MIN 3.5 CFSM .52 IN 7.03

Note --No gage-height record Sept 15-30

PASCAGOULA RIVER BASIN

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2-4735 Tallahala Creek at Laurel, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.6	1.9	8.2	42	301	441	176	2,200	160	374	112	18
2	4.4	2.4	12	42	372	730	164	1,680	164	363	132	16
3	4.2	2.4	12	46	294	1,270	154	1,060	132	392	74	15
4	4.1	2.0	12	60	213	1,390	149	496	91	442	160	14
5	4.0	2.6	16	80	172	1,580	146	315	66	366	100	14
6	4.4	3.5	15	125	159	3,140	303	230	54	269	62	14
7	4.8	3.3	13	195	159	2,520	8,740	166	48	162	50	14
8	4.1	3.3	17	218	154	1,850	17,600	156	43	102	64	13
9	3.8	4.2	15	345	137	1,200	8,320	138	44	78	75	12
10	3.4	4.7	13	494	120	524	3,910	124	52	65	74	12
11	3.2	4.2	68	585	108	442	2,410	111	48	68	54	13
12	3.2	3.9	155	643	100	455	1,810	116	44	75	44	13
13	3.2	3.6	203	616	111	369	1,480	114	36	76	44	12
14	3.1	3.7	213	366	164	400	1,150	121	32	93	45	12
15	3.2	3.5	226	309	284	1,120	993	187	31	80	56	11
16	3.2	3.7	175	227	469	1,510	964	138	32	68	55	11
17	3.2	3.8	172	233	579	1,410	1,030	103	36	63	44	12
18	2.9	3.6	87	351	812	2,490	1,290	84	79	48	36	26
19	2.6	3.8	58	487	958	2,870	1,240	73	44	42	31	16
20	2.4	4.4	50	469	989	2,150	514	66	32	36	27	41
21	2.3	6.6	52	269	989	1,560	275	60	27	32	25	78
22	2.4	9.6	46	199	1,010	1,040	226	57	26	28	24	56
23	2.4	18	56	176	906	787	194	54	27	26	22	40
24	2.2	8.4	67	193	374	457	173	50	39	24	23	30
25	2.1	12	69	461	343	314	164	48	82	24	28	24
26	2.2	19	68	780	470	285	295	50	156	26	38	20
27	2.1	28	61	868	627	312	933	48	182	23	43	17
28	1.9	22	50	897	750	356	1,330	45	144	23	33	34
29	1.9	17	44	910	664	314	5,190	42	182	21	26	363
30	1.9	11	40	514	-----	239	3,460	41	362	21	22	150
31	1.8	-----	38	250	-----	200	-----	106	-----	21	20	-----
TOTAL	95.2	220.1	2,093.2	11,450	12,788	33,725	64,783	8,296	2,495	3,531	1,643	1,121
MEAN	3.07	7.34	67.5	369	441	1,088	2,159	268	83.2	114	53.0	37.4
MAX	4.8	28	226	910	1,010	3,140	17,600	2,200	362	442	160	363
MIN	1.8	1.9	8.2	42	100	200	146	41	26	21	20	11
CFSM	.01	.03	.29	1.59	1.89	4.67	9.27	1.15	.36	.49	.23	.16
IN.	.02	.04	.33	1.83	2.04	5.38	10.3	1.32	.40	.56	.26	.18

CAL YR 1963: TOTAL 42,641.5 MEAN 117 MAX 1,180 MIN 1.8 CFSM 2.50 IN 5.81

WAT YR 1964: TOTAL 142,240.5 MEAN 389 MAX 17,600 MIN 1.8 CFSM 1.87 IN 22.81

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	88	31	1,480	218	278	600	577	99	25	9.0	98	118
2	97	36	1,510	358	250	983	697	80	21	8.8	60	70
3	70	31	1,190	522	234	1,100	708	68	17	12	36	51
4	383	28	949	550	214	1,120	362	57	14	21	24	48
5	1,150	27	659	416	194	1,160	241	52	12	33	19	41
6	1,130	25	736	334	265	1,200	210	47	12	20	34	40
7	1,050	30	792	244	473	854	188	42	14	16	20	38
8	1,110	25	924	207	625	400	170	38	17	15	86	39
9	1,010	25	1,130	197	638	320	153	35	12	18	80	31
10	333	26	952	238	504	293	143	33	15	14	122	40
11	135	25	992	390	440	431	132	29	14	14	144	33
12	98	24	1,810	474	844	672	125	27	16	20	90	31
13	79	24	2,320	486	1,140	857	118	26	16	17	91	30
14	68	24	4,860	306	1,280	961	193	25	24	33	54	27
15	60	25	3,440	233	2,640	1,010	428	23	20	54	37	27
16	56	25	2,260	213	2,400	1,090	404	21	27	38	31	35
17	54	25	1,800	215	2,320	1,150	149	20	73	22	30	31
18	50	25	1,220	213	2,020	847	118	18	58	17	28	23
19	46	45	723	190	1,510	771	107	17	36	17	35	18
20	43	65	771	171	1,350	774	118	17	25	17	42	15
21	40	119	827	159	1,430	660	147	16	20	18	50	14
22	35	118	889	184	1,540	376	143	18	16	14	77	13
23	32	102	827	842	1,210	285	108	19	14	12	86	12
24	32	127	533	1,300	534	267	92	19	11	14	79	12
25	29	295	414	1,350	625	267	82	20	10	40	102	11
26	28	683	373	2,550	774	256	103	20	9.6	30	55	12
27	27	843	312	2,840	763	235	175	20	11	25	41	12
28	27	1,090	265	2,040	579	216	399	18	10	23	36	11
29	27	1,530	222	1,440	-----	208	256	17	9.2	90	127	10
30	27	1,790	200	601	-----	236	141	18	9.0	197	63	12
31	30	-----	192	332	-----	386	-----	23	-----	104	161	-----
TOTAL	7,444	7,288	35,572	19,813	27,074	19,985	6,247	982	587.8	982.8	1,938	302
MEAN	240	243	1,147	639	967	645	232	31.9	19.6	197	62.9	30.2
MAX	1,150	1,790	4,860	2,840	2,640	1,200	708	99	73	197	161	118
MIN	27	24	192	159	194	208	82	16	9.0	8.8	19	10
CFSM	1.03	1.04	4.92	2.74	4.15	2.77	.99	.14	.08	.14	.27	.13
IN.	1.19	1.16	5.68	3.16	4.32	3.19	1.11	.16	.09	.16	.31	.14

CAL YR 1964: TOTAL 190,134 MEAN 519 MAX 17,600 MIN 11 CFSM 2.23 IN 30.35

WAT YR 1965: TOTAL 129,518.6 MEAN 355 MAX 4,860 MIN 8.8 CFSM 1.52 IN 20.67

PASCAGOULA RIVER BASIN

2-4745 Tallahala Creek near Runnelstown, Miss

Location --Lat 31°20', long 89°07', in NE¹/₄ sec 8, T 4 N, R 11 W, St Stephens meridian, on right bank at downstream side of highway bridge between Sunrise and Runnelstown, 3 miles south of Runnelstown, and 9 miles upstream from mouth

Drainage area --612 sq mi

Records available --October 1939 to September 1965 Monthly discharge only for October 1939, published in WSP 1304

Gage --Digital water-stage recorder Datum of gage is 109.58 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 Prior to June 19, 1964, graphic water-stage recorder at present site and datum

Average discharge --26 years, 901 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 24, 1961	32,800	a 24.84	Oct 30, 1960	75	0.99
1962	Dec 21, 1961	12,700	19.08	Sept 30, 1962	49	.47
1963	Mar 6, 1963	2,660	8.33	June 17, 1963	37	.24
1964	Apr 10, 1964	23,700	22.88	Oct 31, 1963	29	.16
1965	Feb 18, 1965	6,920	14.32	July 25-26, Sept 27, 65	56	.57

a 24.84 ft in gage well, 25.07 ft from outside gage

1939-65 Maximum discharge, 32,800 cfs Feb 24, 1961 (gage height, 24.84 ft in gage well, 25.07 ft from outside gage), minimum, 29 cfs Oct 31, 1963 (gage height, 0.16 ft)

Maximum stage known since about 1865, 30½ ft in April 1900, flood in December 1919 reached a stage of 26½ ft, and flood in about 1865 reached a stage between 26½ and 30½ ft, all from information by local residents

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	177	3,300	160	1,880	1,460	6,950	12,800	425	236	3,150	301	727
2	138	1,970	152	1,800	952	5,600	19,300	402	203	3,410	240	281
3	120	1,040	142	1,520	840	4,660	14,400	364	182	3,120	207	225
4	108	634	139	1,330	874	3,840	11,100	335	169	1,540	244	180
5	118	448	134	1,140	795	2,910	6,590	316	157	802	194	155
6	180	319	130	844	785	2,120	6,340	301	149	825	172	164
7	206	255	128	596	888	3,730	4,700	283	139	703	187	182
8	274	221	128	1,120	906	3,380	3,170	269	138	582	231	189
9	253	197	133	1,200	821	3,240	2,280	281	132	508	203	158
10	205	185	139	892	744	2,820	2,920	267	124	550	198	145
11	170	175	158	766	673	2,650	2,420	255	134	769	191	164
12	158	166	229	710	599	2,610	2,700	273	136	839	333	186
13	155	158	249	622	538	2,530	2,990	279	126	873	330	228
14	136	158	249	855	486	2,070	2,580	263	126	968	254	2,150
15	123	152	281	982	454	1,320	2,120	250	134	1,020	364	1,650
16	112	147	445	844	422	1,030	1,690	252	170	975	562	877
17	104	150	431	741	1,630	2,110	1,310	240	187	863	524	450
18	98	153	375	682	8,180	5,620	982	259	225	642	307	294
19	95	156	324	619	6,930	4,770	825	271	328	499	257	229
20	90	156	316	602	5,320	4,130	724	259	562	435	364	198
21	88	158	372	573	8,110	3,810	654	236	1,090	425	347	172
22	86	147	428	535	9,160	3,620	603	229	1,350	559	225	162
23	82	144	503	518	11,800	3,790	565	254	1,310	769	186	153
24	82	150	567	544	27,100	3,890	542	366	1,360	576	160	145
25	78	163	573	1,720	29,600	3,420	524	359	1,750	476	147	136
26	77	243	437	2,520	19,400	1,970	530	374	2,110	412	139	128
27	77	260	342	2,880	12,400	1,220	762	342	2,780	376	132	123
28	77	231	299	2,620	9,140	3,210	539	428	3,060	335	124	123
29	76	197	274	2,290	-----	5,980	455	371	2,980	279	321	116
30	249	175	321	2,080	-----	7,340	428	376	2,860	261	388	110
31	2,840	-----	707	1,850	-----	8,260	-----	296	-----	376	445	-----
TOTAL MEAN	6,832	12,008	9,265	37,875	161,007	115,600	109,543	9,475	24,407	27,917	8,277	10,200
MAX	2,840	3,300	707	2,880	29,600	8,260	19,300	428	3,060	3,410	562	2,150
MIN	76	144	128	518	422	1,030	428	229	124	261	124	110
CFSM	-36	-45	-49	2.00	9.40	6.04	5.97	-50	1.33	1.47	-44	-56
IN.	-42	-73	-56	2.30	9.78	6.96	6.66	-58	1.48	1.70	-50	-62
CAL YR 1960: TOTAL	296,338			MEAN 810		MAX 5,430	MIN 76	CFSM 1.32	IN 18.01			
WAT YR 1961: TOTAL	531,406			MEAN 1,456		MAX 29,600	MIN 76	CFSM 2.38	IN 32.29			

PASCAGOULA RIVER BASIN

2-4745 Tallahala Creek near Runnelstown, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	40	32	56	118	650	1,670	549	4,720	454	760	113	96
2	37	37	53	117	800	2,650	480	5,130	712	841	390	90
3	35	37	58	130	851	4,260	442	4,550	487	837	459	85
4	34	35	59	175	696	4,070	416	3,170	347	1,060	256	82
5	33	35	56	232	538	3,750	396	1,450	271	1,040	224	80
6	32	36	54	360	462	3,530	403	878	214	834	245	80
7	31	36	53	552	449	3,510	1,160	651	183	616	508	81
8	31	35	55	586	409	3,990	3,120	524	164	429	538	81
9	34	34	54	900	381	4,120	9,650	346	1,180	312	312	81
10	31	35	52	1,200	341	3,700	22,000	390	150	810	242	77
11	31	33	54	1,000	306	1,880	15,000	352	191	402	216	74
12	31	31	86	900	283	1,190	9,930	389	162	322	206	71
13	31	466	806	267	1,090	6,320	506	514	266	514	206	68
14	35	31	722	600	299	2,010	4,530	392	136	337	233	68
15	36	30	692	750	456	5,370	3,610	367	135	369	253	66
16	35	30	689	600	794	4,600	2,860	385	125	322	191	65
17	34	455	800	800	1,040	2,040	2,460	121	232	179	179	65
18	34	31	319	1,050	1,880	3,690	2,380	293	116	200	162	71
19	32	32	245	1,000	2,580	3,640	2,620	254	142	175	138	95
20	31	34	183	900	2,370	4,350	2,570	233	184	153	118	146
21	31	35	165	700	2,130	4,720	1,460	214	138	138	109	98
22	31	38	172	600	1,990	4,500	892	200	117	129	106	148
23	31	55	175	520	1,860	3,580	679	192	114	125	103	164
24	31	62	183	500	1,550	2,180	588	186	195	125	100	136
25	31	61	210	950	1,200	1,340	533	179	153	116	92	112
26	32	54	200	1,600	1,420	976	872	170	136	109	109	96
27	33	44	176	1,200	1,390	848	1,920	162	251	108	179	86
28	33	46	160	900	1,580	837	3,260	159	429	125	140	83
29	31	58	140	800	1,650	868	3,140	152	345	226	129	89
30	30	64	126	700	1,000	782	3,520	167	409	142	113	868
31	29	---	120	650	---	642	---	203	---	116	103	---
TOTAL	1,008	1,181	6,308	21,890	30,772	89,120	107,280	27,044	6,878	12,992	6,582	3,504
MEAN	32.5	39.4	203	706	1,061	2,843	3,576	884	229	416	205	117
MAX	460	460	1,600	2,600	2,600	9,370	22,000	5,100	1,180	538	538	868
MIN	29	30	52	117	267	442	396	147	114	108	92	65
OFSS	-.05	-.06	-.33	1.15	1.73	4.65	5.84	1.44	.37	.68	.34	.19
IN.	.06	.07	.38	1.33	1.87	5.36	6.52	1.67	.42	.78	.39	.21

CAL YR 1963: TOTAL 116,225
WAT YR 1964: TOTAL 313,726

MEAN
MEAN

MEAN

**MAX
MAY**

MAX :

MIN
MIN

WIN

CFSM
CESM

CFSM

IN 7
IN 19

IN 19

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	696	104	3,050	513	996	1,770	988	417	79	76	401	180
2	251	106	2,850	599	879	3,180	1,200	303	80	68	258	305
3	233	106	2,480	757	777	2,970	1,320	252	80	65	194	268
4	712	110	2,400	1,000	674	2,670	1,320	221	77	64	140	176
5	3,470	105	2,260	1,090	603	2,510	890	196	73	91	107	166
6	3,670	101	1,590	903	735	2,410	644	179	90	84	89	151
7	2,880	98	1,520	747	1,510	2,250	553	167	144	93	83	129
8	2,380	97	1,570	594	1,630	1,770	494	157	101	94	114	116
9	2,110	98	1,800	510	1,580	1,110	450	104	108	110	274	100
10	1,870	94	2,090	608	1,460	892	415	138	195	96	452	135
11	1,100	90	4,050	774	1,280	824	385	131	162	128	336	207
12	477	92	5,320	902	1,680	1,000	362	125	117	101	329	200
13	336	90	4,870	645	2,400	1,341	361	119	100	93	283	143
14	278	90	4,550	968	2,850	2,090	321	113	98	89	302	130
15	240	91	4,580	765	2,820	2,090	332	108	171	81	296	117
16	214	89	5,240	633	3,180	2,080	629	104	236	87	193	100
17	195	89	5,490	564	5,720	2,120	576	99	147	141	152	90
18	181	89	4,960	523	6,800	2,510	346	95	236	119	135	103
19	168	98	4,080	506	6,710	2,240	307	90	216	94	169	92
20	156	203	2,500	462	5,770	1,810	289	87	155	75	242	84
21	145	259	1,870	423	4,350	1,680	286	86	119	66	272	81
22	137	278	1,830	425	3,360	1,430	386	93	98	62	264	73
23	129	319	1,800	3,580	3,020	1,010	382	99	87	61	290	66
24	122	281	1,620	4,780	2,670	814	304	101	84	61	378	68
25	117	598	1,270	4,150	2,170	750	268	93	80	57	247	65
26	113	1,210	1,010	3,630	1,940	722	252	92	77	61	216	61
27	110	1,670	906	3,460	1,810	681	572	87	75	142	180	58
28	109	2,230	785	3,890	1,650	639	1,130	89	73	472	168	61
29	107	3,060	672	4,260	-----	599	1,040	120	77	322	202	62
30	105	3,120	592	3,960	-----	636	773	96	78	275	197	73
31	102	-----	538	2,260	-----	805	-----	83	-----	361	126	-----
TOTAL	22,913	15,064	80,343	49,149	71,304	49,902	17,553	4,287	3,545	3,793	7,082	3,675
MEAN	739	502	2,592	1,585	2,347	1,610	565	138	118	122	228	123
MAX	3,670	3,120	5,490	4,780	6,800	3,180	1,320	417	236	472	452	305
MIN	102	88	423	405	405	405	232	59	57	57	37	20
CFSM	1.21	.82	4.23	2.59	4.16	2.63	.96	.23	.19	.20	.37	.20
IN.	1.39	.92	4.88	2.99	4.33	3.03	1.07	.26	.22	.23	.43	.22

CAL YR 1964:	TOTAL	423,549
WAT YR 1965:	TOTAL	328,610

MEAN
MEAN

HEAR

MAX
MAX

MAX

MIN
MIN

MIN

CFSM

CPSA

IN 23

IN 19

2-4750 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, on downstream side of right main pier of bridge on U S Highway 98, 1½ miles east of McLain, 2 miles downstream from Atkinson Creek, 6 miles upstream from Big Oktibee Creek, and 1½ 2 miles upstream from confluence with Chickasawhay River

Drainage area --3,510 sq mi, approximately

Records available --October 1939 to September 1965 Monthly discharge only for October 1939, published in WSP 1304

Gage --Water-stage recorder Datum of gage is 42 15 ft above mean sea level, datum of gage is 42 15 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 Prior to June 4, 1940, staff gage and June 4 to Sept 7, 1940, wire-weight gage, at present site and datum

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 26, 1961	128,000	31 64	Oct 27, 1960	905	2 71
1962	Dec 21, 1961	58,500	25 56	Sept 30, 1962	862	3 00
1963	Jan 23, 1963	13,500	14 78	Sept 27, 1963	557	2 13
1964	Apr 13, 1964	42,100	23 24	Oct 22, 1963	478	1 94
1965	Feb 20, 1965	35,500	21 70	July 26, 1965	720	2 34

1939-65 Maximum discharge, 128,000 cfs Feb 26, 1961 (gage height, 31 64 ft), minimum, 478 cfs Oct 22, 1963, minimum gage height, 1 88 ft Sept 7, 1957

Flood in April 1900 reached a stage of about 32 ft, from information by local residents

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,620	10,400	1,300	6,140	7,430	61,100	54,500	3,780	2,050	11,300	2,780	2,810
2	1,330	9,430	1,240	8,260	6,020	47,100	59,300	3,600	1,910	9,240	2,540	3,280
3	1,190	5,790	1,210	7,680	4,870	36,700	69,000	3,420	1,810	7,440	2,220	2,640
4	1,090	3,930	1,190	6,560	4,630	26,800	69,800	3,130	1,740	6,100	2,140	2,300
5	1,070	3,160	1,230	5,690	4,780	17,600	60,000	2,910	1,690	4,830	2,650	2,070
6	1,320	2,680	1,200	4,690	4,900	12,600	50,600	2,710	1,660	5,250	2,380	1,980
7	2,210	2,120	1,160	3,850	5,270	11,500	41,300	2,530	1,610	4,340	2,360	1,930
8	1,980	1,750	1,150	5,510	5,220	15,400	30,400	2,380	1,590	3,610	2,850	1,930
9	2,180	1,590	1,200	8,750	4,840	18,800	19,300	3,160	1,580	3,380	2,540	1,810
10	2,470	1,490	1,190	8,000	4,330	19,400	15,200	3,090	1,570	3,520	2,320	1,730
11	2,250	1,420	1,220	5,680	3,940	17,800	14,500	2,650	1,770	3,970	2,310	1,780
12	2,000	1,380	1,330	4,640	3,620	14,500	15,600	2,430	1,670	4,130	2,120	2,000
13	1,640	1,360	1,580	3,970	3,280	11,400	15,400	2,210	1,710	4,630	2,070	2,030
14	1,400	1,340	1,760	4,170	3,000	9,820	15,000	2,120	1,750	5,600	2,040	6,550
15	1,240	1,270	1,800	5,810	2,780	8,300	13,000	2,050	1,770	6,450	2,600	11,400
16	1,190	1,260	1,990	5,720	2,620	6,800	10,700	2,060	1,900	6,910	3,250	9,170
17	1,110	1,250	2,300	4,860	3,300	9,620	8,950	2,000	2,110	6,660	3,290	5,110
18	1,050	1,250	2,260	4,200	18,200	19,900	7,650	1,970	2,180	6,040	3,010	3,690
19	1,050	1,290	2,120	3,640	31,600	26,200	6,560	1,930	2,430	4,990	2,500	3,080
20	1,010	1,350	1,960	3,280	42,800	31,000	5,730	1,870	4,740	4,140	2,280	2,640
21	998	1,320	2,020	3,130	51,200	33,800	5,210	1,800	7,020	3,690	2,260	2,180
22	974	1,270	2,280	2,970	62,800	33,200	4,850	1,800	7,490	3,690	2,160	1,880
23	962	1,280	2,500	2,810	69,300	29,200	4,560	1,760	8,000	3,800	1,860	1,740
24	950	1,280	2,500	2,770	78,100	23,700	4,330	1,840	8,350	3,600	1,740	1,650
25	930	1,430	2,440	6,260	107,000	17,300	4,140	2,130	8,730	3,160	1,730	1,580
26	920	1,520	2,340	10,800	126,000	12,300	4,330	2,450	7,960	3,150	1,640	1,510
27	910	1,350	2,100	12,900	110,000	8,790	6,170	3,200	7,910	3,180	1,560	1,450
28	950	1,510	1,900	13,400	82,900	11,100	8,020	2,890	9,430	3,550	1,600	1,410
29	940	1,420	1,790	13,100	-----	-----	19,500	2,260	11,100	3,520	1,700	1,400
30	1,210	1,350	2,040	11,100	-----	-----	28,300	4,140	2,360	11,900	2,210	1,390
31	5,720	-----	2,590	9,220	-----	-----	41,800	-----	2,200	-----	1,970	-----
TOTAL	45,864	69,440	54,830	199,780	854,730	681,330	633,460	77,080	127,130	150,260	70,680	86,120
MEAN	1,479	2,315	1,749	6,445	30,530	21,980	2,486	2,486	4,048	4,647	2,280	2,671
MAX	5,720	10,400	2,590	13,600	126,000	61,100	69,800	3,780	11,900	11,300	3,290	11,400
MIN	910	1,250	1,150	2,770	2,620	6,800	4,140	1,760	1,570	2,980	1,560	1,390
CFSM	.42	.66	.50	1.84	8.70	6.26	6.02	.71	1.21	1.38	.65	.82
IN.	.49	.74	.58	2.12	9.06	7.22	6.71	.82	1.35	1.59	.75	.91
CAL YR 1960: TOTAL	1,678,684	MEAN	4,587	MAX	29,200	MIN	910	CFSM	1.31	IN	17.79	
WAT YR 1961: TOTAL	3,050,704	MEAN	8,358	MAX	126,000	MIN	910	CFSM	2.38	IN	32.32	

2-4750 Leaf River near McLain, Miss ---Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,370	1,080	5,600	8,670	18,500	8,480	10,800	38,000	3,690	2,340	1,500	955
2	1,620	1,080	4,430	8,370	15,400	9,770	13,100	47,400	5,270	2,580	1,630	980
3	2,280	1,090		8,200	12,000	9,170	14,700	44,100	5,350	2,170	2,000	930
4	3,260	1,290	3,530	7,860	9,770	8,460	15,700	35,400	5,120	1,720	3,140	908
5	2,340	1,790	3,300	8,080	7,840	7,710	17,000	25,100	4,690	1,610	3,880	890
6	1,880	2,010	3,260	11,200	7,920	6,830	19,200	14,400	3,670	1,510	3,500	903
7	1,630	2,020	3,180	14,300	7,100	6,130	21,100	8,920	3,410	1,590	2,580	1,000
8	1,510	1,800	3,180	17,700	6,170	5,370	18,800	4,780	4,290	1,390	1,900	1,030
9	1,520	1,560	3,680	21,700	5,690	5,040	17,100	4,080	4,470	1,310	1,540	1,100
10	1,490	1,430	20,800	26,500	5,580	4,600	13,900	3,640	3,990	1,260	1,380	1,030
11	1,590	1,340	30,600	29,900	5,170	4,350	10,700	3,360	4,620	1,280	1,260	965
12	1,530	1,280	29,300	29,700	4,810	4,250	9,320	3,100	4,940	1,230	1,170	1,040
13	1,450	1,420	32,800	25,400	4,450	4,140	9,140	2,900	3,900	1,290	1,120	1,060
14	1,400	9,560	34,800	17,300	4,190	4,050	9,690	2,700	3,470	1,810	1,090	985
15	1,350	12,700	38,200	11,000	4,040	5,020	10,200	2,600	4,070	2,000	1,120	1,000
16	1,300	13,700	42,000	11,000	4,190	5,590	10,100	2,500	3,140	1,660	1,120	980
17	1,250	16,300	44,000	12,800	4,590	5,380	9,720	2,400	2,590	1,450	1,640	1,140
18	1,200	17,600	52,400	14,200	5,220	4,840	7,770	2,400	2,150	1,350	1,400	1,300
19	1,170	19,500	54,800	15,700	5,840	4,330	6,200	2,400	1,890	1,420	1,350	1,220
20	1,150	19,600	56,400	18,400	5,190	3,970	4,870	2,300	1,770	1,630	1,240	1,130
21	1,130	13,700	58,300	21,500	4,890	3,670	4,120	2,200	1,700	1,440	1,180	1,050
22	1,110	8,260	57,100	25,000	5,060	3,460	3,710	2,100	1,990	1,280	1,370	985
23	1,100	8,980	52,600	28,200	6,350	3,340	3,410	2,000	2,270	1,200	1,130	955
24	1,100	10,900	45,900	30,100	7,860	3,230	3,320	1,900	2,170	1,150	1,080	926
25	1,100	11,700	37,500	29,400	9,260	3,640	3,280	1,800	1,910	1,130	1,050	912
26	1,090	12,100	27,200	25,000	10,400	5,010	3,280	1,750	1,900	1,160	1,040	908
27	1,080	11,700	16,700	21,400	10,300	4,850	3,510	1,700	1,770	1,530	1,030	908
28	1,060	10,300	11,100	22,100	9,270	4,070	7,020	1,650	1,930	1,630	1,020	903
29	1,060	8,060	9,940	23,100	-----	3,700	17,200	1,600	2,450	1,770	1,010	885
30	1,080	6,500	8,780	23,300	-----	3,480	25,400	1,650	2,640	1,870	980	862
31	1,080	7,930	7,930	21,100	-----	6,370	-----	2,010	-----	1,610	945	-----
TOTAL	44,280	230,150	803,910	588,880	207,010	162,720	323,360	270,840	97,220	48,440	47,395	29,860
MEAN	1,428	7,672	25,930	18,970	7,393	5,249	10,780	8,737	3,241	1,563	1,529	959
MAX	3,260	19,600	58,300	30,100	18,500	9,770	25,400	47,400	5,350	2,580	3,880	1,300
MIN	1,060	1,080	3,180	7,860	4,040	3,230	1,600	1,700	1,100	1,130	945	862
CF5M	.41	2.19	7.39	5.41	2.11	1.50	3.07	2.49	.92	.45	.44	.28
IN.	.47	2.44	8.52	6.23	2.19	1.72	3.43	2.87	1.03	.51	.50	.32

CAL YR 1961: TOTAL 3,958,910

MEAN 10,850

MAX 126,000

MIN 1,060

CF5M 3.09

IN 41.95

WAT YR 1962: TOTAL 2,853,365

MEAN 7,617

MAX 58,300

MIN 862

CF5M 2.23

IN 30.23

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	960	1,040	1,050	3,210	3,780	4,460	2,110	1,110	688	1,500	881	1,240
2	1,240	1,020	1,040	2,730	4,490	3,830	1,980	1,060	661	1,270	872	1,560
3	1,300	1,020	1,020	2,280	5,590	3,980	1,980	1,020	656	1,270	882	1,520
4	1,240	1,010	1,010	1,860	6,680	4,810	1,800	990	652	1,270	819	1,250
5	1,170	1,020	990	1,780	7,610	5,560	1,730	965	643	1,280	748	1,010
6	1,100	1,030	985	1,640	6,940	5,330	1,690	955	634	1,290	743	852
7	1,080	1,030	985	1,640	6,940	5,330	1,690	955	634	1,290	743	852
8	1,150	1,060	1,030	1,510	5,250	10,600	1,670	910	634	1,080	674	785
9	1,290	1,050	1,070	1,480	4,380	8,040	1,660	886	630	1,060	679	809
10	1,230	1,060	1,060	1,440	3,650	6,680	1,680	867	630	1,140	683	757
11	1,170	1,100	1,040	1,410	3,220	5,930	1,630	862	656	1,030	674	688
12	1,220	1,150	1,000	1,740	3,330	5,310	1,550	857	639	925	665	656
13	1,200	1,170	990	3,240	3,310	4,630	1,590	848	634	852	945	683
14	1,210	1,150	980	3,540	3,230	4,010	1,490	833	634	824	780	862
15	1,120	1,150	975	3,170	2,990	5,760	1,470	824	634	1,020	670	910
16	1,100	1,150	985	2,700	2,750	7,190	1,440	819	634	1,120	626	960
17	1,070	1,120	1,020	2,350	2,590	7,910	1,410	810	643	970	608	876
18	1,080	1,100	1,060	2,780	2,500	6,480	1,340	820	661	896	630	814
19	1,310	1,100	1,060	4,930	4,010	5,040	1,280	862	683	857	652	771
20	1,360	1,180	1,060	9,700	5,090	4,210	1,240	862	711	915	656	729
21	1,230	1,760	1,060	12,200	6,140	3,730	1,210	955	862	900	715	711
22	1,190	2,120	1,140	12,800	5,950	3,630	1,190	1,060	970	819	780	688
23	1,300	1,980	1,220	13,400	5,510	3,290	1,160	1,440	1,080	761	800	665
24	1,450	1,830	1,170	13,300	5,550	3,000	1,160	990	1,090	748	757	626
25	1,410	1,590	1,170	12,900	6,490	2,770	1,150	995	1,710	814	725	586
26	1,290	1,390	1,270	10,700	6,950	2,690	1,140	930	1,540	757	674	573
27	1,190	1,240	1,650	7,890	6,150	2,720	1,120	833	1,410	725	643	561
28	1,120	1,150	1,880	6,240	5,170	2,670	1,110	776	1,400	766	634	578
29	1,080	1,100	2,430	4,680	-----	2,630	1,160	776	1,270	804	634	599
30	1,060	1,070	3,120	3,870	-----	2,480	1,170	738	1,750	809	661	626
31	1,040	-----	3,460	3,590	-----	2,270	-----	702	-----	814	1,070	-----
TOTAL	36,960	36,960	39,980	156,750	135,390	156,840	43,840	28,285	26,073	30,666	22,652	24,711
MEAN	1,192	1,232	1,290	5,056	4,835	5,059	1,461	912	869	983	731	824
MAX	1,450	2,120	3,460	13,400	7,610	11,200	2,110	1,440	1,750	1,500	1,070	1,590
MIN	960	1,010	975	1,410	2,500	2,270	1,110	630	630	725	608	561
CF5M	.34	.35	.37	1.44	1.38	1.44	.42	.26	.25	.28	.21	.23
IN.	.39	.39	.42	1.66	1.43	1.66	.46	.30	.28	.32	.24	.26

CAL YR 1962: TOTAL 1,888,925

MEAN 5,175

MAX 47,400

MIN 862

CF5M 1.47

IN 29.03

WAT YR 1963: TOTAL 736,907

MEAN 2,024

MAX 13,400

MIN 561

CF5M .54

IN 20.81

2-4750 Leaf River near McLain, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	608	502	785	1,020	3,540	6,380	3,360	22,300	2,140	3,660	2,360	950
2	595	506	795	1,000	3,540	8,560	3,030	23,800	3,510	3,340	2,170	925
3	566	515	819	1,020	3,510	17,900	2,800	24,700	3,430	3,220	2,930	900
4	565	531	814	1,120	3,020	19,800	2,660	20,500	2,630	4,310	2,870	865
5	548	540	766	1,450	2,670	21,200	2,560	13,800	2,260	5,000	2,680	850
6	544	552	748	1,850	2,460	21,600	2,920	8,120	2,260	4,660	2,300	850
7	536	557	738	2,920	2,320	21,100	6,930	5,500	2,060	3,970	2,140	850
8	519	557	720	3,430	2,260	20,100	11,000	4,430	1,660	3,560	2,700	900
9	510	561	683	4,330	2,160	17,400	15,400	3,720	1,530	3,130	3,460	940
10	510	561	670	4,780	1,990	13,200	19,100	3,300	1,490	3,610	2,870	875
11	506	557	656	6,230	1,840	9,680	26,600	3,020	1,470	3,360	2,220	835
12	506	548	697	6,410	1,710	6,740	38,200	2,860	1,460	2,950	1,900	800
13	506	544	1,060	5,780	1,620	5,410	40,900	3,590	1,390	4,160	1,680	775
14	506	540	2,640	5,200	1,580	5,120	34,400	3,620	1,330	3,830	1,700	745
15	502	540	3,180	4,330	1,690	14,000	24,700	3,080	1,270	3,310	1,900	720
16	502	536	3,260	3,510	2,240	19,900	19,200	2,830	1,280	3,080	1,820	710
17	502	536	2,790	3,300	3,230	23,300	17,200	2,580	1,380	2,560	1,750	715
18	498	544	2,240	4,890	4,470	25,600	16,200	2,390	1,260	2,100	1,960	760
19	498	540	1,800	6,270	7,680	25,600	14,200	2,210	1,410	1,800	1,640	945
20	494	544	1,520	5,620	9,680	24,900	10,600	2,040	1,470	1,610	1,400	1,210
21	490	552	1,410	5,340	9,110	22,900	8,160	1,900	1,360	1,480	1,260	1,780
22	486	561	1,360	4,190	7,430	20,600	5,780	1,820	1,240	1,410	1,200	1,600
23	486	648	1,350	3,400	6,020	16,800	4,430	1,820	1,320	1,510	1,150	1,320
24	482	790	1,420	3,200	4,850	12,600	3,800	1,790	1,530	1,340	1,100	1,190
25	486	785	1,520	3,400	4,470	8,760	3,450	1,720	2,380	4,540	1,100	1,070
26	494	824	1,510	6,170	5,390	6,590	4,640	1,670	1,980	2,540	1,090	992
27	502	814	1,340	7,920	6,630	5,380	14,300	1,630	1,790	1,900	1,110	945
28	502	771	1,210	6,760	7,230	4,850	19,300	1,590	2,460	1,750	1,230	900
29	498	780	1,130	5,740	7,370	4,630	20,600	1,510	4,130	2,030	1,170	885
30	498	771	1,060	4,700	6,300	4,300	21,500	1,450	4,870	2,160	1,070	920
31	494	-----	1,020	3,900	-----	3,780	-----	1,530	-----	1,820	1,010	-----
TOTAL	15,595	16,107	41,711	129,270	121,710	438,680	417,920	176,820	59,750	89,700	56,240	28,722
MEAN	515	604	1,346	4,170	4,197	14,150	13,530	5,704	1,992	2,894	1,837	957
MAX	608	604	3,260	7,920	9,680	25,600	40,900	24,700	4,870	5,000	3,460	1,780
MIN	482	502	656	1,000	1,980	3,780	2,560	1,240	1,240	1,340	1,010	710
CFSM	-15	-17	-38	1.19	1.20	4.03	3.97	1.63	-57	-82	-52	-27
IN.	-17	-19	-44	1.37	1.29	4.65	4.43	1.87	-63	-95	-60	-30

CAL YR 1963 TOTAL 700,784 MEAN 1,920 MAX 13,400 MIN 482 CFSM .55 IN 7.43
WAT YR 1964: TOTAL 1,595,289 MEAN 4,359 MAX 40,900 MIN 482 CFSM 1.24 IN 16.90

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,510	1,110	10,900	3,770	7,470	8,260	6,960	3,290	1,000	890	2,180	1,120
2	2,870	1,080	10,300	5,950	5,340	13,100	7,900	2,660	956	890	1,760	1,460
3	2,080	1,070	10,000	6,560	4,800	15,500	8,170	2,330	925	850	1,450	1,740
4	1,890	1,050	8,220	7,050	4,410	15,800	7,480	2,020	900	850	1,170	1,610
5	4,290	1,020	7,800	7,000	4,020	14,600	5,760	1,750	885	850	1,010	1,330
6	9,590	998	9,510	5,540	3,870	14,400	4,480	1,600	855	875	905	1,200
7	13,200	968	9,960	4,430	6,120	10,900	3,800	1,520	1,000	910	855	1,260
8	15,400	962	8,920	3,750	8,550	10,500	3,470	1,450	1,280	940	940	1,100
9	16,100	950	7,270	3,350	8,580	7,480	3,220	1,400	1,670	950	1,180	1,010
10	14,900	945	5,990	4,180	7,530	5,880	3,020	1,350	1,560	1,230	1,730	1,430
11	9,470	940	9,000	4,550	6,820	5,100	2,820	1,300	1,520	1,420	2,300	2,250
12	5,270	935	16,800	4,740	9,920	5,080	2,660	1,230	1,420	1,330	2,060	1,820
13	3,440	920	19,000	4,940	13,700	5,900	2,540	1,210	1,240	1,180	1,780	1,540
14	2,730	910	21,000	4,680	15,300	8,600	2,450	1,180	1,180	1,080	1,680	1,400
15	2,440	905	22,300	4,140	15,300	10,200	2,660	1,150	1,660	1,030	1,700	1,280
16	2,210	905	22,100	3,540	18,600	10,000	2,770	1,120	1,700	974	1,620	1,150
17	2,030	900	20,600	3,280	21,800	9,590	2,720	1,090	2,030	945	1,400	1,060
18	1,890	895	17,500	3,170	28,000	8,560	2,500	1,070	2,010	1,000	1,400	956
19	1,780	910	14,000	3,040	31,800	9,080	2,250	1,050	1,950	956	1,460	900
20	1,660	1,080	12,200	2,910	33,300	9,380	2,150	1,020	1,660	890	1,470	915
21	1,520	1,390	10,100	2,780	31,200	8,160	2,050	1,010	1,330	835	1,780	925
22	1,400	1,740	8,140	2,700	25,900	8,170	2,020	1,070	1,330	807	1,980	900
23	1,320	1,800	7,190	10,900	19,800	5,790	2,060	1,150	1,010	760	3,600	895
24	1,250	1,690	6,640	21,000	14,600	4,990	2,060	1,130	980	750	3,370	900
25	1,200	2,300	6,590	23,200	11,400	4,430	1,880	1,120	1,020	765	2,750	900
26	1,170	5,460	5,910	24,300	10,600	4,150	1,820	1,070	968	725	2,110	910
27	1,130	5,100	5,100	24,300	10,370	4,150	1,820	1,070	910	805	1,660	900
28	1,100	7,580	4,440	21,900	8,310	5,170	3,110	1,020	910	1,440	1,400	980
29	1,080	8,120	3,930	18,900	-----	4,440	5,150	1,070	935	1,900	1,310	962
30	1,080	10,200	3,630	14,800	-----	5,170	4,290	1,110	930	2,710	1,240	1,020
31	1,110	-----	3,590	11,000	-----	5,350	-----	1,060	-----	2,300	1,140	-----
TOTAL	129,110	67,743	328,630	266,250	386,770	256,800	106,030	42,630	37,524	33,830	52,290	35,241
MEAN	4,165	2,258	10,600	8,589	13,810	8,284	3,534	1,375	1,251	1,091	1,690	1,198
MAX	16,100	10,200	22,300	24,300	33,300	15,800	8,170	3,290	2,030	2,710	3,600	2,250
MIN	1,080	895	3,590	2,700	3,870	4,150	1,810	1,010	855	725	855	895
CFSM	1.19	.64	3.02	2.45	3.94	2.36	1.01	.39	.36	.31	.48	.34
IN.	1.37	.72	3.48	2.82	4.10	2.72	1.12	.45	.40	.36	.56	.38

CAL YR 1964: TOTAL 2,044,995 MEAN 5,587 MAX 40,900 MIN 710 CFSM 1.59 IN 21.67
WAT YR 1965: TOTAL 1,743,650 MEAN 4,777 MAX 33,300 MIN 725 CFSM 1.36 IN 18.47

2-4755 Chunky River near Chunky, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	24	25	219	950	766	678	5,780	1,550	160	81	10	15
2	35	25	205	994	670	607	3,990	583	165	80	9.0	15
3	87	36	200	633	595	721	1,470	414	119	58	17	15
4	103	171	192	507	549	748	591	324	94	48	42	12
5	79	290	188	1,580	525	636	518	283	119	41	41	18
6	55	249	244	5,920	529	552	1,600	240	110	36	45	80
7	45	129	395	9,940	481	449	2,150	217	94	32	38	99
8	43	83	380	4,990	438	410	1,820	188	87	28	36	54
9	39	66	471	2,520	445	449	939	178	82	24	24	33
10	39	56	1,920	1,170	441	628	587	158	86	22	17	25
11	36	54	2,860	926	394	556	552	143	84	20	15	22
12	35	51	4,740	748	364	526	2,400	135	78	23	14	20
13	33	116	5,860	684	348	445	3,780	121	82	23	10	23
14	31	1,210	6,080	728	345	367	4,830	114	75	20	9.5	24
15	27	1,450	5,360	1,970	339	407	2,670	103	68	22	9.0	54
16	24	1,570	6,250	2,920	387	445	850	99	56	22	8.0	45
17	24	1,320	6,100	3,430	410	361	579	94	55	17	9.5	27
18	24	721	13,000	2,550	358	315	507	84	51	16	10	20
19	24	333	15,000	3,360	560	300	459	81	45	16	10	18
20	24	244	5,870	5,930	607	295	397	76	84	16	9.5	16
21	23	197	2,800	4,520	780	303	342	70	167	16	16	15
22	24	268	1,280	2,510	1,850	295	303	68	101	14	24	12
23	25	2,060	862	1,300	2,670	275	278	63	70	12	24	11
24	24	2,110	708	1,240	3,100	258	258	61	58	11	20	11
25	25	1,960	594	1,140	2,470	295	747	56	55	13	34	10
26	25	988	539	962	1,460	306	1,120	55	54	20	43	11
27	24	428	535	2,140	1,160	258	850	54	66	14	43	10
28	24	345	630	2,720	995	232	1,430	54	76	14	38	14
29	28	293	559	2,800	-----	222	2,180	55	86	11	24	23
30	27	249	454	1,980	-----	214	1,740	55	110	12	19	20
31	25	-----	473	958	-----	2,820	-----	105	-----	10	16	-----
TOTAL	1,105	17,097	84,968	74,720	24,036	15,373	45,717	5,881	2,637	792	684.5	772
MEAN	35.6	570	2,741	2,410	858	496	1,524	190	87.9	25.5	22.1	25.7
MAX	103	2,110	15,000	9,940	3,100	2,820	5,780	1,550	167	81	45	99
MIN	23	25	188	507	339	214	258	54	45	10	8.0	10
CFSM	1.10	1.55	7.45	6.55	2.33	1.35	4.14	0.07	0.06	0.06	0.07	0.07
IN.	1.11	1.73	8.59	7.55	2.43	1.55	4.62	0.59	0.27	0.08	0.07	0.08

CAL YR 1961: TOTAL 333,512 MEAN 914 MAX 24,000 MIN 23 CFSM 2.48 IN 33.70
 WAT YR 1962: TOTAL 273,782.5 MEAN 750 MAX 15,000 MIN 8.0 CFSM 2.04 IN 27.67

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	18	23	44	124	891	363	127	188	18	26	105	19
2	17	23	44	98	541	845	117	113	17	28	133	15
3	18	24	47	86	1,060	645	112	78	15	28	62	11
4	17	24	61	78	1,320	407	108	64	16	30	38	9.0
5	15	24	99	74	717	419	102	58	13	28	26	8.0
6	14	25	92	80	456	535	106	54	12	21	20	10
7	13	25	80	90	366	499	144	50	11	17	17	15
8	159	26	72	89	310	349	156	50	23	17	17	10
9	320	27	66	77	265	285	126	46	22	15	47	8.0
10	152	27	59	77	239	275	106	40	20	13	32	7.5
11	69	26	57	91	237	268	98	38	16	14	36	7.0
12	40	28	56	723	253	484	104	35	12	14	39	7.5
13	30	36	46	721	273	1,910	153	33	10	17	32	7.0
14	24	40	49	310	257	2,690	154	31	8.2	18	91	8.0
15	24	41	53	192	222	2,160	103	29	7.2	23	183	7.5
16	19	35	55	147	191	747	85	27	6.5	22	152	9.0
17	49	33	59	130	173	490	75	26	9.2	30	66	10
18	55	42	61	247	191	408	68	24	13	127	40	9.0
19	35	101	60	1,270	914	347	64	23	30	110	28	8.5
20	27	124	58	2,440	1,250	470	78	25	88	84	22	9.5
21	28	145	58	2,850	719	506	211	24	163	48	96	8.5
22	42	124	63	2,480	400	316	154	21	207	31	56	7.0
23	45	89	68	997	308	246	106	22	268	22	34	6.0
24	34	63	78	562	351	217	78	20	132	18	24	7.0
25	27	53	181	390	480	204	68	19	70	18	18	3.8
26	24	45	223	326	397	202	99	19	53	15	15	2.6
27	22	47	147	332	299	216	164	19	50	15	14	2.6
28	20	45	105	299	253	187	160	22	43	13	13	7.0
29	19	47	181	251	-----	162	110	29	34	28	36	6.5
30	20	47	306	479	-----	150	123	36	28	19	65	6.0
31	24	-----	201	1,080	-----	132	-----	24	-----	51	31	-----
TOTAL	1,420	1,459	2,829	17,170	13,333	17,135	3,459	1,287	1,415.1	965	1,388	252.5
MEAN	45.8	46.4	91.3	556	423	544	87.5	41.5	46.2	31.1	42.6	8.42
MAX	320	145	306	2,850	1,320	2,690	211	188	268	127	183	19
MIN	13	23	44	74	173	132	64	19	6.5	13	13	2.6
CFSM	1.12	1.13	1.25	1.51	1.29	1.50	0.31	0.11	0.13	0.08	0.14	0.02
IN.	1.14	1.15	1.29	1.74	1.35	1.73	0.35	0.13	0.14	0.10	0.16	0.03

CAL YR 1962: TOTAL 176,320.5 MEAN 483 MAX 9,940 MIN 8.0 CFSM 1.31 IN 17.82
 WAT YR 1963: TOTAL 62,311.6 MEAN 171 MAX 2,850 MIN 2.6 CFSM 0.46 IN 6.30

2-4755 Chunky River near Chunky, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.5	5.2	60	54	184	254	232	573	113	150	36	23
2	7.0	5.2	46	58	182	1,560	217	443	177	139	48	21
3	6.0	11	35	82	150	3,110	205	404	113	143	58	19
4	4.8	11	38	115	130	5,650	198	337	80	152	180	18
5	6.5	8.0	38	139	126	4,180	388	271	64	164	76	16
6	6.0	7.5	35	154	173	2,210	5,180	227	57	92	46	18
7	4.0	6.5	30	220	189	850	11,500	196	50	66	36	20
8	4.0	6.5	30	217	154	687	6,470	175	46	50	31	26
9	3.6	6.0	36	525	128	700	3,390	159	44	88	29	21
10	3.6	7.0	42	803	113	901	2,210	143	42	241	25	17
11	4.0	7.0	40	424	103	868	906	130	41	281	23	15
12	3.2	8.0	54	239	94	532	577	124	41	164	25	15
13	4.0	6.5	103	251	101	388	1,880	196	42	148	44	13
14	4.8	6.0	182	205	189	592	2,990	203	44	126	69	11
15	4.4	5.2	241	145	279	2,690	4,270	148	40	96	43	11
16	4.8	4.0	150	139	373	3,710	3,120	113	52	69	31	10
17	4.4	5.6	87	239	340	4,220	897	94	49	64	38	11
18	3.2	10	64	289	695	2,280	517	85	45	80	76	18
19	2.8	8.5	54	205	977	721	420	78	34	55	83	117
20	2.4	12	49	159	588	1,000	370	70	31	44	53	132
21	1.8	9.0	48	130	325	915	300	66	29	37	38	53
22	2.4	11	54	111	251	540	259	64	28	33	31	34
23	4.0	35	100	111	212	407	376	66	26	44	33	27
24	4.8	78	159	308	187	345	427	67	33	82	276	21
25	4.8	52	124	1,040	388	322	1,020	82	134	139	126	17
26	2.8	38	101	1,010	821	517	2,170	82	101	139	83	15
27	3.2	24	88	510	554	789	3,910	64	90	73	82	13
28	2.4	21	83	281	373	608	8,360	58	66	107	57	12
29	2.1	26	72	217	314	366	4,920	55	83	66	37	14
30	3.2	63	61	177	-----	289	1,870	64	164	48	30	148
31	2.8	-----	55	166	-----	251	-----	66	-----	38	26	-----
TOTAL	124.3	503.7	2,359	8,723	8,693	42,452	69,549	4,903	1,959	3,218	1,869	903
MEAN	4.01	16.8	76.1	281	300	1,369	2,318	158	65.3	104	60.3	30.1
MAX	7.0	78	241	1,040	977	5,650	11,500	573	177	281	276	145
MIN	1.8	4.0	30	54	94	351	198	24	33	23	10	10
CFSM	.01	.05	.21	.76	.81	3.72	6.30	.43	.18	.28	.16	.08
IN.	.01	.05	.24	.88	.88	4.29	7.03	.50	.20	.33	.19	.09
CAL YR 1963 TOTAL	59,590.6	MEAN 163	MAX 2,850	MIN 1.8	CFSM .44	IN 6.02						
WAT YR 1964 TOTAL	145,256.0	MEAN 397	MAX 11,500	MIN 1.8	CFSM 1.08	IN 14.68						

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	187	59	773	1,240	316	630	1,910	118	50	33	68	41
2	126	51	313	1,370	318	1,320	975	105	48	34	43	32
3	75	49	304	273	306	1,140	602	93	43	35	32	28
4	348	49	1,590	427	276	682	667	85	40	33	25	36
5	1,830	48	1,470	340	262	522	760	80	35	26	21	85
6	2,950	47	1,040	297	282	458	521	72	34	26	22	62
7	2,000	49	417	279	406	408	409	67	40	61	23	47
8	443	59	306	270	571	357	355	442	84	128	27	38
9	196	52	262	267	434	328	321	58	80	122	200	30
10	148	49	235	1,100	1,750	322	295	56	66	174	449	38
11	113	49	1,970	1,460	2,820	354	272	54	56	133	215	66
12	98	48	3,430	812	5,120	1,110	255	55	74	75	86	145
13	87	51	5,120	468	7,530	1,970	279	54	179	51	58	192
14	82	48	3,400	387	4,840	1,920	233	51	104	39	68	128
15	81	47	1,210	353	2,250	1,250	207	49	147	38	48	79
16	81	49	534	414	825	581	193	47	225	95	41	57
17	77	49	429	386	1,480	510	176	46	121	115	34	44
18	71	50	453	306	2,120	835	165	47	80	53	28	37
19	64	61	488	278	2,020	693	156	43	57	61	57	32
20	56	186	439	263	1,250	443	155	42	48	38	121	31
21	53	241	517	251	714	360	152	42	40	26	70	48
22	49	159	496	284	588	321	138	44	35	21	241	47
23	51	109	426	1,940	490	310	127	47	30	19	233	42
24	49	165	380	2,970	513	317	120	48	27	18	86	170
25	46	679	373	3,760	852	361	114	44	26	17	52	242
26	45	694	352	2,480	694	641	112	40	28	29	48	130
27	45	323	295	775	478	877	354	49	27	46	38	76
28	47	833	253	509	419	706	312	69	28	73	33	57
29	51	1,670	235	435	-----	575	192	68	27	113	57	48
30	65	1,470	232	397	-----	1,600	142	63	24	89	136	45
31	66	-----	659	349	-----	2,150	-----	58	-----	119	63	-----
TOTAL	9,680	7,493	28,370	25,708	40,024	24,047	10,669	1,856	1,903	1,970	2,723	2,153
MEAN	312	250	915	829	1,429	776	356	59.9	63.4	63.5	87.8	71.8
MAX	2,950	1,670	5,120	3,760	7,530	2,150	1,910	118	225	174	449	242
MIN	45	47	232	251	262	310	112	40	24	24	21	28
CFSM	.85	.68	2.49	2.25	3.88	2.11	.97	.16	.17	.17	.24	.20
IN.	.98	.76	2.87	2.60	4.04	2.43	1.08	.19	.19	.20	.28	.22
CAL YR 1964 TOTAL	187,812	MEAN 513	MAX 11,500	MIN 10	CFSM 1.39	IN 18.98						
WAT YR 1965 TOTAL	156,596	MEAN 429	MAX 7,530	MIN 17	CFSM 1.17	IN 15.83						

2-4760 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, near right bank on downstream side of bridge on old U S Highway 80, half a mile upstream from Illinois Central Railroad bridge, 0.6 mile west of Meridian city limits, 2 miles downstream from Loper Creek, and 4 miles upstream from Sowashee Creek

Drainage area --239 sq mi

Records available --August 1938 to September 1965

Gage --Digital water-stage recorder Datum of gage is 269.43 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) Prior to Jan 7, 1939, staff gage, Jan 7, 1939, to Aug 28, 1958, graphic water-stage recorder, Aug 29, 1958, to June 13, 1961, crest stage gage, and June 14, 1961, to June 25, 1964, graphic water-stage recorder, all at same site and datum

Average discharge --27 years, 295 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height, in feet)

Annual maximum discharge (*) and peak discharges above base (3,000 cfs), water years 1951-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Mar 30, 1951	0100	* 12,600	24 30	Apr 5, 1957	1500	* a 2,390	16 97	Dec 18, 1961	2300	* 18,300	25 23
Apr 15, 1952	0200	* 1,080	13 82	May 2, 1958	1000	* a 2,720	17 64	Jan 8, 1962	0700	4,070	18 56
May 2, 1953	0100	* a 4,850	21 74	June 11, 1959	-	* a 2,190	16 47	Jan 19, 1962	2400	3,060	16 60
Mar 31, 1954	0600	* a 1,580	14 72	Mar 3, 1960	-	* a 2,240	15 4	Apr 14, 1962	1100	4,510	19 30
Apr 16, 1955	1100	* a 1,960	15 91	Feb 22, 1961	-	* 27,000	26 14	Jan 20, 1963	1500	* 1,260	11 18
Feb 5, 1956	1600	4,730	20 91	Apr 1, 1961	-	7,730	22 62	Apr 6, 1964	2400	* 7,120	22 20
Mar 16, 1956	1200	11,000	24 03	July 15, 1961	0800	3,620	18 40	Apr 15, 1964	2000	3,800	18 11
Apr 7, 1956	1000	* a 11,300	24 08					Apr 29, 1964	1600	3,040	16 56
								Feb 13, 1965	0100	* 4,750	19 09

a Revised, supersede figures published for crest-stage partial-record station

Annual minimum discharge water years 1951-65											
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1951	Sept 4, 1951	a 4 5	-	1959	Aug 26, 1959	a 20	-	1961	Aug 1, 1960	a 5 5	-
1952	Sept 11-13, 1952	a 48	-	1960	Aug 1, 1960	a 9 0	-	1962	Sept 25, 1962	a 4 6	2 89
1953	Oct 1, 1952	a 55	-	1961	Oct 4, 1960	a 9 0	-	1963	Sept 26, 1963	1 3	2 75
1954	Sept 24-28, 1954	a 1 1	-	1962	Sept 25, 1962	4 6	2 89	1964	Nov 4, 12-14, 1963	b 5	c 2 70
1955	Oct 11, 1954	a 92	-	1963	Sept 26, 1963	1 3	2 75	1965	Oct 2, 1964	7 4	d 2 98
1956	Sept 26, 27, 1956	a 1 1	-	1964	Nov 4, 12-14, 1963	b 5	c 2 70				
1957	Sept 6, 7, 1957	a 2 0	-	1965	Oct 2, 1964	7 4	d 2 98				
1958	Sept 6, 7, 1958	a 12	-								

a Minimum daily

b May have been regulated

c Occurred Oct 20, 1963

d Occurred Aug 7 1965

1938-65 Maximum discharge, 27,000 cfs Feb 22, 1961 (gage height, 26.14 ft), from rating curve extended above 12,000 cfs by logarithmic plotting, minimum daily, 0.48 cfs Sept 11-13, 1952

Flood in April 1938, reached a stage of 25.3 ft and flood of March 15, 1939, reached a stage of 25 ft, from information by Corps of Engineers Flood in February of either 1936 or 1937 reached a stage of 25 ft, from information by local resident

Remarks --Records fair June 1961 to September 1965 and poor October 1950 to May 1961

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1949 TO SEPTEMBER 1950											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.
1	49	129		101	231	452	268	482	70	16	394
2	48	115	42	94	211	770	296	1,760	65	15	196
3	46	81	40	94	192	870	331	2,750	108	15	146
4	44	62	40	101	183	676	296	2,500	145	15	128
5	43	51	40	157	178	517	257	2,750	149	15	115
6	42	45	44	1,420	161	504	216	2,170	112	15	99
7	42	43	112	9,510	153	439	183	1,330	83	15	83
8	40	41	115	8,760	153	465	165	439	69	28	67
9	39	40	111	4,470	264	391	153	252	64	74	61
10	37	39	88	2,650	599	319	149	196	70	43	56
11	37	39	108	1,880	710	263	149	165	137	25	54
12	35	39	126	1,250	660	236	153	157	141	18	66
13	34	42	133	770	592	637	157	201	90	22	71
14	33	55	169	557	1,850	1,390	141	296	64	34	94
15	34	62	252	504	3,040	1,610	126	268	52	126	45
16	43	58	211	530	4,710	1,880	119	192	45	133	277
17	49	49	543	543	2,960	2,000	115	157	39	155	200
18	61	43	211	439	1,970	1,950	126	157	34	209	111
19	49	39	285	367	1,200	830	149	119	34	119	70
20	40	37	263	307	543	504	141	105	31	83	115
21	39	37	187	268	379	517	122	105	48	57	87
22	34	37	165	246	452	465	108	157	129	83	75
23	32	36	226	231	1,030	343	98	257	98	196	60
24	30	36	268	221	1,230	296	91	192	63	169	47
25	28	38	201	206	1,250	252	91	115	49	95	42
26	28	39	149	192	1,000	236	91	91	40	75	83
27	30	39	137	206	526	257	91	76	33	107	119
28	37	40	126	452	395	543	91	66	26	716	151
29	39	40	122	478	-----	790	91	62	21	1,080	146
30	39	42	112	343	-----	692	126	58	20	1,230	169
31	64	-----	105	268	-----	367	-----	62	-----	960	340
TOTAL	1,260	1,493	4,363	37,705	26,802	21,061	4,690	17,887	2,129	5,942	3,727
MEAN	40.6	47.8	141	1,216	862	679	156	577	71.0	192	120
MAX	64	129	285	9,510	4,710	2,000	331	2,750	149	1,230	394
MIN	28	36	40	94	153	236	91	58	20	15	42
CFSM	-17	-21	-59	5.09	4.01	2.84	-65	2.41	-30	-80	-50
IN-	-20	-23	-68	5.87	4.17	3.28	-73	2.78	-33	-92	-58
CAL YR 1949: TOTAL 185,293				MEAN 508	MAX 4,730	MIN 28	CFSM 2.12				
WAT YR 1950: TOTAL 134,511				MEAN 369	MAX 9,510	MIN 15	CFSM 1.54				

2-4760 Okatibbee Creek near Meridian, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1950 TO SEPTEMBER 1951												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	73	37	76	323	1,480	251	2,860	146	25	16	28	5.1
2	66	37	75	263	1,930	234	2,040	133	33	19	20	4.8
3	60	70	80	289	1,920	222	1,250	115	40	46	17	4.6
4	54	450	193	700	2,020	230	593	124	32	66	15	4.5
5	52	250	272	1,050	1,890	297	415	178	31	33	14	5.4
6	47	180	554	1,180	1,420	409	393	218	31	24	13	5.4
7	44	150	964	1,310	1,470	354	453	133	29	16	13	5.4
8	41	130	1,110	1,220	1,500	290	754	105	30	14	15	5.6
9	40	115	1,830	802	1,480	243	852	95	25	12	16	5.2
10	38	100	614	504	1,390	215	676	91	26	11	13	5.8
11	34	95	372	401	1,180	194	446	83	27	10	11	6.6
12	34	90	291	352	894	187	407	81	20	10	9.2	7.0
13	33	85	244	331	609	180	414	75	18	10	8.0	6.2
14	31	80	536	373	484	179	341	68	29	14	7.2	7.4
15	29	75	1,390	495	463	171	271	63	47	20	4.4	7.6
16	27	70	1,600	596	648	161	236	59	83	16	6.0	7.0
17	25	67	1,520	469	742	164	230	54	142	16	6.4	6.4
18	22	67	1,020	394	676	659	259	52	182	20	12	6.0
19	22	67	473	506	602	1,330	239	49	151	14	14	5.8
20	23	69	328	472	768	1,560	251	46	75	11	11	5.4
21	30	81	277	363	766	1,600	281	44	57	10	7.0	8.0
22	40	142	244	301	674	1,580	552	41	44	10	8.0	15
23	50	149	223	271	519	1,120	812	40	54	10	10	42
24	55	119	207	289	397	508	988	38	40	12	11	28
25	50	101	196	303	347	353	580	36	31	10	12	19
26	48	91	188	277	313	298	311	35	26	12	12	19
27	45	87	202	232	290	298	246	33	24	14	10	23
28	42	83	250	215	270	1,640	210	32	21	10	8.5	16
29	40	81	383	221	-----	9,000	182	30	18	11	7.5	13
30	39	79	531	349	-----	10,300	164	28	16	12	6.4	10
31	38	-----	470	586	-----	4,810	-----	26	-----	62	5.8	-----
TOTAL	1,274	3,297	15,913	15,437	27,112	39,039	17,586	2,351	1,409	571	353.4	340.2
MEAN	41.1	110	513	498	968	1,259	586	75.8	47.0	18.4	11.4	10.3
MAX	73	450	1,600	1,310	2,020	10,300	2,860	218	182	66	28	42
MIN	22	37	75	215	270	161	164	26	16	10	5.8	4.5
CFSM	-17	-46	2.15	2.08	4.05	5.27	2.45	-32	-20	-08	-05	-06
IN.	-.20	-.51	2.48	2.40	4.22	6.07	2.74	-.37	-.22	-.09	-.05	-.05

CAL YR 1950: TOTAL 147,879 MEAN 405 MAX 9,510 MIN 15 CFSM 1.70 IN 23.01
 MAY YR 1951: TOTAL 124,052.6 MEAN 342 MAX 10,300 MIN 4.5 CFSM 1.43 IN 19.40

Note --No gage-height record Aug 13 to Sept 30

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1951 TO SEPTEMBER 1952												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	10	20	20	72	150	170	135	38	80	12	15	1.80
2	9.0	20	22	70	150	150	228	35	60	10	9.8	1.00
3	7.0	18	25	68	250	220	30	50	8.0	13	3.0	1.00
4	6.0	16	35	70	600	530	180	26	40	7.0	12	5.0
5	5.0	14	50	100	700	636	256	22	70	6.0	9.0	2.0
6	4.0	13	40	120	500	460	264	20	80	6.0	25	1.0
7	3.0	12	40	90	300	251	173	18	58	8.0	50	1.80
8	2.5	12	50	80	220	186	138	17	40	8.0	25	1.68
9	2.3	12	100	70	170	155	112	17	30	7.0	15	1.59
10	2.2	12	300	65	150	198	101	18	25	6.0	10	1.50
11	2.2	12	200	62	130	762	90	18	22	5.5	7.8	1.48
12	3.0	12	100	60	120	1,000	126	17	20	5.0	6.0	1.48
13	3.0	12	80	58	110	1,030	702	15	18	4.5	6.8	1.48
14	2.5	12	100	56	120	680	1,030	12	16	4.2	6.6	1.59
15	2.2	12	250	54	140	339	1,050	10	15	4.1	4.0	1.65
16	2.0	12	270	53	160	236	693	7.9	14	4.0	3.0	1.80
17	2.0	12	120	52	190	188	232	7.0	13	4.0	2.8	1.5
18	2.0	12	110	51	180	196	197	12	12	5.0	2.5	1.1
19	2.0	12	150	50	160	390	157	279	11	5.0	4.0	1.90
20	2.0	12	500	50	150	440	128	111	40	4.5	8.0	1.77
21	2.0	13	800	50	140	309	120	56	50	4.0	2.0	1.85
22	2.0	13	700	100	150	218	99	42	40	3.8	.95	.95
23	3.5	14	500	500	180	378	90	150	30	3.6	.85	1.0
24	3.0	14	250	480	220	567	90	100	20	3.4	1.8	1.90
25	4.0	15	150	300	230	427	110	80	17	3.2	4.2	1.80
26	4.0	16	120	150	220	263	91	70	15	3.1	2.2	1.74
27	5.0	18	100	120	210	205	73	65	15	3.1	1.5	1.68
28	6.0	20	90	200	200	169	60	60	16	3.0	1.2	1.59
29	6.0	25	85	500	180	145	52	180	18	3.0	1.0	1.53
30	7.8	22	80	400	-----	124	45	140	15	8.0	1.0	1.50
31	12	75	200	-----	-----	115	-----	100	-----	20	1.85	-----
TOTAL	128.4	439	5,512	4,351	6,380	11,064	7,032	1,692.9	942	182.0	248.35	30.66
MEAN	4.14	14.6	178	140	220	357	234	54.6	31.4	5.87	8.02	1.02
MAX	12	25	800	500	780	1,030	279	80	20	5.0	5.0	5.0
MIN	2.0	12	20	50	110	115	45	7.0	11	3.0	.85	.98
CFSM	-.02	-.06	-.74	-.59	-.92	1.49	-.98	-.23	-.13	-.02	-.03	-.004
IN.	-.02	-.07	-.86	-.68	-.99	1.72	1.09	-.26	-.15	-.03	-.04	-.005

CAL YR 1951: TOTAL 110,248.0 MEAN 302 MAX 10,300 MIN 2.0 CFSM 1.26 IN 17.16
 MAY YR 1952: TOTAL 38,002.61 MEAN 104 MAX 1,050 MIN .48 CFSM .43 IN 5.91

Note --No gage-height record Oct 11 to Jan 13, Jan 15 to Mar 3, May 23 to Aug 21

2-4760 Okatibbee Creek near Meridian, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1952 TO SEPTEMBER 1953

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	.55	1.2	8.0	147	87	1,250	140	3,790	48	25	18	27
2	.59	1.2	6.2	122	78	419	124	4,000	44	24	16	18
3	.71	1.2	5.2	100	78	374	112	2,240	39	18	14	11
4	.74	1.2	6.0	68	72	329	100	1,830	35	12	13	8.8
5	.71	1.4	53	49	61	289	90	1,870	31	10	11	7.0
6	.65	1.5	59	32	59	248	91	1,610	28	9.0	10	6.0
7	.68	1.4	32	20	74	204	251	1,320	27	11	7.8	5.5
8	.68	1.0	24	36	122	184	312	1,090	24	13	4.8	5.0
9	.77	1.0	18	205	141	167	195	751	28	8.4	7.7	4.5
10	.77	1.9	14	372	91	154	133	458	28	9.7	6.5	4.0
11	.74	.90	23	326	73	174	160	290	26	30	5.0	3.8
12	.77	.90	14	173	143	532	380	217	27	23	4.7	3.6
13	.77	.74	12	97	248	1,090	456	176	23	14	4.0	3.5
14	.77	.71	7.9	49	232	1,290	583	155	20	9.8	4.1	3.5
15	.77	.70	5.0	53	554	1,800	693	193	18	8.0	31	3.5
16	.85	1.0	3.4	45	734	1,790	429	361	17	21	18	3.4
17	.90	1.0	2.5	70	750	1,320	278	383	14	34	24	3.4
18	.90	1.3	2.2	200	482	853	174	586	15	50	11	3.4
19	.74	8.0	2.0	500	261	470	137	784	14	89	2.2	5.0
20	.59	6.0	2.1	300	461	425	124	860	14	43	7.6	12
21	.62	3.0	2.6	200	898	410	104	822	26	130	7.6	8.0
22	.62	2.5	5.0	100	1,180	308	90	540	71	220	7.8	6.0
23	.65	2.3	11	500	1,280	380	83	288	35	338	7.8	5.0
24	.68	2.2	10	800	1,890	508	76	206	24	287	6.1	4.0
25	.68	2.5	7.9	600	2,560	457	352	165	23	116	5.0	3.0
26	.68	12	5.8	392	2,100	294	722	132	22	56	4.8	3.0
27	.68	9.0	4.0	227	1,860	229	754	112	24	38	7.1	8.0
28	.74	8.0	3.2	167	1,490	232	478	91	23	30	31	4.0
29	1.3	7.0	2.9	137	-----	229	338	72	20	24	60	3.0
30	1.3	10	15	113	-----	192	1,680	61	25	21	23	2.0
31	1.2	-----	133	98	-----	157	-----	54	-----	20	-----	-----
TOTAL	23.80	92.75	903.9	6,319	18,281	16,952	9,841	25,507	817	1,744.1	411.6	187.9
MEAN	.77	3.09	16.3	204	653	547	388	823	27.2	56.3	13.3	6.26
MAX	1.3	12	133	800	2,560	1,800	1,680	4,000	71	338	60	27
MIN	.55	.70	2.0	20	59	154	76	54	14	8.8	4.0	2.0
CFSM	.003	.01	.07	2.73	2.29	1.27	3.46	.13	.24	.84	.03	.03
IN.	.004	.01	.08	.98	2.84	2.64	1.53	3.97	.13	.27	.06	.03

CAL YR 1952: TOTAL 32,543.66 MEAN 88.9 MAX 1,050 MIN .48 CFSM .37 IN 5.06
 MAY YR 1953: TOTAL 80,681.05 MEAN 221 MAX 4,000 MIN .55 CFSM .92 IN 12.85

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1953 TO SEPTEMBER 1954

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.0	1.4	4.4	90	401	76	988	141	83	13	10	3.0
2	2.0	1.4	4.4	68	268	72	410	218	70	12	8.8	2.5
3	2.0	1.4	16	54	179	76	294	277	67	12	8.1	2.3
4	1.9	1.6	40	48	142	77	255	486	76	11	7.8	3.2
5	1.8	1.9	55	44	117	70	227	706	74	48	7.6	3.2
6	1.7	1.7	74	40	100	64	208	745	58	68	7.1	2.8
7	1.5	1.6	51	36	84	56	190	407	48	82	4.0	3.3
8	1.5	1.6	28	33	73	52	178	234	43	111	5.3	3.3
9	1.5	1.8	45	32	68	49	208	190	41	128	5.3	2.5
10	1.5	1.7	104	33	65	48	267	167	37	134	12	2.0
11	1.5	1.6	135	58	62	47	227	158	34	148	9.5	2.0
12	1.5	1.6	362	103	62	46	280	167	32	82	7.3	1.8
13	1.8	1.6	242	80	60	45	373	262	30	52	4.0	1.7
14	1.6	1.8	151	54	56	44	270	495	28	37	5.5	1.7
15	1.6	1.8	84	60	52	66	191	454	27	27	5.1	1.7
16	1.6	1.9	60	321	52	66	585	277	24	27	5.1	1.7
17	1.4	2.0	47	529	54	47	1,040	198	23	46	5.1	1.5
18	1.4	2.3	38	616	54	42	1,240	161	23	32	5.1	1.6
19	1.5	2.4	32	347	53	67	1,480	137	22	49	6.0	1.6
20	1.4	3.5	30	162	124	202	1,320	120	21	83	5.8	1.5
21	1.4	3.5	31	175	249	229	503	111	27	54	16	1.4
22	1.4	6.0	84	408	268	134	285	100	24	36	12	1.3
23	1.4	8.8	38	1250	129	90	260	91	23	26	8.1	1.2
24	1.4	8.8	38	1046	104	70	280	280	21	26	8.1	1.1
25	1.3	11	31	248	106	63	342	78	21	17	4.3	1.1
26	1.3	9.8	28	184	93	77	261	73	19	15	5.8	1.1
27	1.4	8.3	26	148	77	381	207	71	16	15	6.1	1.1
28	1.4	9.1	32	128	83	914	171	71	15	22	7.1	1.1
29	1.3	4.3	84	108	-----	1,150	151	152	15	17	5.5	1.4
30	1.3	4.3	152	153	-----	1,420	155	148	14	13	4.2	2.0
31	1.3	-----	124	314	-----	1,520	-----	102	-----	12	3.3	-----
TOTAL	47.3	107.1	2,236.0	5,720	3,173	7,380	12,738	7,083	1,058	1,441	223.0	57.7
MEAN	1.53	3.57	72.1	185	113	238	425	228	35.3	44.5	7.19	1.92
MAX	2.0	11	342	616	401	1,520	1,480	745	83	148	16	3.3
MIN	1.3	1.4	4.4	32	52	42	151	71	14	11	3.3	1.1
CFSM	.006	.01	.30	.77	.47	1.00	1.78	.96	.15	.19	.03	.008
IN.	.007	.02	.35	.89	.49	1.15	1.98	1.10	.16	.22	.03	.009

CAL YR 1953: TOTAL 82,451.0 MEAN 224 MAX 4,000 MIN 1.3 CFSM .95 IN 12.83
 MAY YR 1954: TOTAL 41,244.1 MEAN 113 MAX 1,520 MIN 1.1 CFSM .47 IN 6.42

PASCAGOULA RIVER BASIN

2-4760 Okatibbee Creek near Meridian, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1954 TO SEPTEMBER 1955

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1954 TO SEPTEMBER 1955												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.8	1.8	6.8	150	53	229	107	86	30	25	684	46
2	1.7	1.9	7.3	90	50	211	117	81	28	19	320	30
3	1.6	1.9	7.8	77	48	184	172	74	25	15	250	28
4	1.5	3.0	8.1	67	46	164	182	64	21	13	304	24
5	1.4	4.2	7.0	52	59	154	250	60	18	12	154	21
6	1.3	4.2	10	47	757	142	188	68	19	11	385	19
7	1.2	4.4	7.8	38	1,250	139	246	52	25	32	99	13
8	1.1	4.4	7.3	32	1,350	139	387	48	24	29	167	15
9	1.0	5.1	5.3	21	1,240	132	532	45	29	48	476	14
10	1.0	7.8	8.4	37	1,040	122	504	43	82	68	242	13
11	.92	5.8	8.1	85	448	116	581	39	57	42	163	12
12	4.4	7.8	7.8	240	292	703	34	39	38	38	102	10
13	2.0	3.2	14	155	228	109	1,230	32	33	34	78	10
14	1.7	2.9	13	89	187	103	1,710	29	27	45	63	8.8
15	2.5	3.2	16	49	170	100	1,780	28	25	102	52	7.6
16	2.5	6.0	14	82	160	95	1,900	20	20	98	46	7.6
17	2.9	6.0	16	117	156	90	1,450	28	19	72	40	7.6
18	2.6	12	19	170	156	89	703	25	15	129	85	7.6
19	4.0	23	16	270	160	92	320	24	14	210	92	7.3
20	4.2	23	19	354	142	206	258	25	13	148	28	7.1
21	3.3	14	18	243	246	513	222	28	12	396	26	6.3
22	2.6	8.8	19	159	706	500	200	29	12	594	23	6.3
23	2.4	7.3	16	141	920	369	194	40	12	306	92	6.5
24	2.0	6.3	14	964	964	281	58	14	12	238	7.3	6.5
25	2.0	5.1	13	103	830	200	148	190	14	130	23	6.5
26	1.9	3.5	12	86	422	165	128	120	28	84	19	7.1
27	2.0	4.2	15	76	291	154	111	85	219	124	19	6.3
28	2.1	2.3	13	20	251	130	102	61	103	162	16	6.3
29	2.5	8.4	115	63	124	87	48	67	908	14	5.8	5.8
30	2.0	8.1	229	60	113	92	46	30	538	121	5.3	5.3
31	1.9	300	57	110	110	38	38	38	617	126	126	126
TOTAL	62.82	201.4	998.5	3,477	12,663	5,370	14,838	1,662	1,128	5,721	3,809	27.5
MEAN	2.03	6.71	32.2	112	492	173	488	53.6	37.4	185	126	126.0
MAX	4.2	23	390	354	1,350	513	1,980	190	219	908	684	46
MIN	.92	1.8	6.8	29	47	89	92	24	12	11	26	5.3
CFSM	.0008	.03	.13	.47	1.89	.72	2.84	.22	.16	.77	.83	.05
IN.	.01	.03	.16	.54	1.97	.84	2.28	.26	.17	.89	.81	.06

CAL YR 1954: TOTAL	40,136.42	MEAN 110	MAX 1,520	MIN .92	CFSM .46	IN 6.25
WAT YR 1955: TOTAL	50,200.72	MEAN 138	MAX 1,900	MIN .92	CFSM .58	IN 7.81

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1955 TO SEPTEMBER 1956

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1955 TO SEPTEMBER 1956												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5-5	6-8	31	40	121	174	688	97	36	17	36	10
2	5-1	9-1	155	40	150	179	327	96	32	17	23	7-7
3	5-1	16	150	510	146	121	266	116	16	18	6-2	4-2
4	5-1	11	146	45	1,540	254	298	205	33	16	14	5-5
5	5-1	9-1	116	38	4,250	438	689	192	30	17	13	3-5
6	5-3	8-8	115	37	4,260	296	2,860	127	27	16	11	7-2
7	6-0	12	90	37	3,080	368	8,800	158	26	16	9-8	1-7
8	15	8	78	14	1,940	346	4,780	215	25	106	9-5	2-0
9	25	15	62	34	1,360	320	2,320	143	24	100	10	20
10	25	14	51	36	933	277	1,540	103	24	50	11	13
11	16	14	46	32	710	330	1,090	85	22	29	10	9-2
12	12	14	42	560	540	712	72	22	23	23	8-3	4-4
13	9-8	17	39	32	438	679	536	70	23	19	14	4-4
14	7-1	19	38	32	346	1,470	385	64	40	17	16	3-5
15	5-5	18	40	32	344	3,900	327	58	111	14	13	3-3
16	6-8	22	36	36	1,040	9,520	489	61	72	12	11	3-0
17	8-1	19	36	35	1,620	7,380	580	66	65	13	14	2-8
18	6-5	24	52	37	1,540	4,300	638	64	54	14	11	2-7
19	5-1	19	189	59	1,280	2,380	400	57	46	11	8-8	2-1
20	4-8	20	195	79	1,020	1,490	231	50	64	17	6-2	2-0
21	4-4	18	111	72	820	816	221	44	119	20	5-4	1-7
22	4-6	16	88	49	798	424	191	63	54	30	5-0	1-6
23	4-6	22	76	70	638	345	178	40	46	50	3-5	1-4
24	4-4	32	69	238	400	302	165	38	38	31	3-3	1-4
25	4-4	73	64	283	318	272	155	36	30	24	3-3	1-5
26	4-4	132	61	142	278	243	161	34	26	35	3-3	1-1
27	4-6	95	57	103	249	221	132	61	23	33	8-2	1-1
28	5-8	71	53	87	228	320	123	68	21	25	7-5	1-7
29	8-1	49	49	77	198	446	116	49	20	23	2-6	1-8
30	7-1	36	84	64	141	645	117	63	18	79	2-4	1-1
31	6-5		43	124		740		38		76	14	
TOTAL	233-4	844-8	2,420	2,094	30,929	40,160	29,395	2,596	1,203	964	263-3	167-8
MEAN	7-53	28-2	78-1	67-5	1,067	1,295	980	83-7	40-1	31-1	11-7	5-39
MAX	132	180	150	328	4,250	9,520	8,800	230	119	106	9-5	7-7
MIN	4-4	6-2	121	32	121	107	34	18	11	8-2	1-6	1-1
CF5M	-03	-12	-33	-28	4-4	5-42	4-10	-35	-17	-13	-05	-02
IN.	-04	-13	-38	-33	4-81	6-25	4-87	-40	-19	-15	-06	-03

CAL YR 1955: TOTAL	52,436.2	MEAN 144	MAX 1,900	MIN 4.4	CFSM .60	IN 8.16
WAT YR 1956: TOTAL	111,370.3	MEAN 304	MAX 9,520	MIN 1.1	CFSM 1.27	IN 17.33

2-4760 Okatibbee Creek near Meridian, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1956 TO SEPTEMBER 1957												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5.0	11	9.8	39	596	216	310	59	21	79	16	3.0
2	5.4	6.7	8.6	34	566	153	580	59	20	48	12	3.9
3	8.3	5.9	8.0	32	404	171	462	124	20	54	13	2.6
4	11	5.4	8.0	30	330	210	1,000	220	24	54	24	2.1
5	19	5.4	10	35	302	212	2,180	230	28	38	18	2.1
6	20	5.4	11	50	246	172	1,980	140	41	27	25	2.0
7	18	5.2	9.2	77	196	146	1,430	84	46	21	16	2.0
8	12	5.2	9.2	64	181	127	868	63	32	18	9.0	2.7
9	11	5.0	11	49	155	118	308	56	27	14	7.0	2.6
10	8.0	5.4	9.8	42	141	107	261	69	28	13	6.0	2.6
11	6.4	5.4	11	38	230	94	217	356	87	12	5.0	2.4
12	5.0	5.4	10	34	193	98	177	247	73	11	4.0	2.4
13	4.6	9.2	11	32	148	288	148	151	40	9.8	3.5	3.3
14	3.9	7.2	18	31	111	280	127	88	27	11	3.4	5.0
15	3.3	9.8	27	30	95	163	114	64	21	11	3.2	5.9
16	3.0	8.3	26	30	87	117	103	54	18	15	3.5	8.3
17	2.8	8.0	28	30	90	95	100	44	14	25	7.0	8.0
18	2.8	7.7	24	27	89	83	129	39	14	12	6.0	23
19	2.8	8.3	22	26	90	96	207	34	13	14	5.0	100
20	3.0	8.3	42	24	95	100	259	31	12	12	4.5	95
21	6.2	7.7	52	25	96	158	262	29	12	12	4.0	77
22	6.7	8.0	153	30	83	629	373	27	25	11	3.5	40
23	5.2	8.0	606	246	71	659	284	25	17	10	3.2	22
24	11	8.0	599	254	69	462	178	24	14	11	3.0	15
25	13	19	360	320	71	428	126	45	17	13	2.8	11
26	10	17	149	512	543	357	98	115	17	15	2.6	11
27	8.0	12	89	462	634	240	82	60	16	25	2.5	118
28	3.9	11	66	336	457	172	67	42	89	20	2.6	644
29	5.4	10	53	240	141	60	35	170	14	2.8	685	
30	5.4	10	44	210	124	59	28	165	30	2.8	518	
31	6.7	10	40	241	113	113	25	24	20	2.7	11	
TOTAL	236.8	248.9	2,534.6	3,626	6,369	6,529	12,669	2,666	1,148	679.8	223.6	2,410.9
MEAN	7.64	8.30	81.8	117	227	211	422	86.0	38.3	21.9	7.21	80.7
MAX	20	19	606	512	634	659	2,180	356	170	79	25	685
MIN	2.8	5.0	8.0	24	69	83	59	24	12	9.8	2.5	2.0
CFSM	.03	.03	.34	.49	.95	.88	1.77	.36	.16	.09	.03	.34
IN.	.04	.04	.39	.56	.99	1.02	1.97	.41	.18	.11	.03	.38

CAL YR 1956: TOTAL 110,892.4 MEAN 303 MAX 9,520 MIN 1.1 CFSM 1.27 IN 17.26
 MAY YR 1957: TOTAL 39,350.6 MEAN 108 MAX 2,180 MIN 2.0 CFSM .45 IN 6.12

Note --No gage-height record July 27 to Aug 27

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1957 TO SEPTEMBER 1958												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	208	32	291	149	199	283	271	1,670	36	40	85	16
2	126	33	229	148	176	190	215	2,560	32	35	76	15
3	238	32	134	151	162	184	1,450	30	32	292	14	
4	624	30	200	117	134	143	174	1,440	27	30	314	13
5	669	29	190	109	126	128	163	1,790	25	35	123	13
6	560	28	168	104	382	128	148	1,830	23	40	78	12
7	166	27	208	104	498	641	1,620	22	35	58	12	
8	99	30	409	103	485	920	1,430	24	60	49	13	
9	73	193	500	96	304	1,510	138	1,060	39	300	43	20
10	57	240	314	88	220	1,590	380	427	39	700	38	20
11	52	118	210	87	195	1,290	430	259	34	478	38	15
12	44	74	172	87	177	1,230	287	222	29	288	38	16
13	40	108	151	97	158	1,190	186	200	23	199	38	20
14	38	1,120	140	161	147	1,140	154	156	21	448	41	20
15	34	1,300	140	190	337	785	170	132	23	780	54	20
16	36	1,100	138	158	575	484	235	111	90	348	77	25
17	56	1,050	131	135	644	402	225	97	300	151	54	30
18	133	809	123	116	447	682	161	89	400	121	98	40
19	114	960	121	98	273	750	130	90	350	117	91	70
20	61	1,080	339	97	231	657	114	112	350	89	27	80
21	45	1,220	700	278	203	385	120	116	400	123	25	300
22	38	1,570	388	496	183	286	222	98	450	513	21	600
23	34	1,680	231	490	173	247	219	78	500	463	20	500
24	43	1,320	185	564	166	451	134	70	400	345	20	500
25	44	1,180	165	751	158	623	126	61	250	467	28	600
26	48	1,100	214	812	157	661	284	58	150	800	45	400
27	44	830	249	636	352	470	417	54	100	729	44	200
28	36	452	230	344	448	321	726	48	80	370	94	100
29	32	374	190	265	262	1,060	44	60	212	23	80	
30	30	392	170	232	251	1,340	44	50	179	20	60	
31	30	148	216	216	276	276	40	40	118	18	18	
TOTAL	3,856	18,533	7,240	7,462	7,629	18,558	8,659	18,856	4,357	8,642	1,810	3,824
MEAN	124	618	234	241	272	599	289	582	145	279	58.4	127
MAX	669	1,680	700	812	644	1,590	1,340	2,560	500	800	314	600
MIN	30	27	121	87	126	128	114	40	21	30	18	12
CFSM	.52	2.50	.98	1.10	1.14	2.50	1.31	2.28	.61	1.17	.24	.53
IN.	.60	2.88	1.13	1.16	1.19	2.89	1.35	2.81	.68	1.34	.28	.60

CAL YR 1957: TOTAL 65,959.3 MEAN 181 MAX 2,180 MIN 2.0 CFSM .76 IN 10.26
 MAY YR 1958: TOTAL 108,626 MEAN 298 MAX 2,560 MIN 12 CFSM 1.25 IN 16.90

Note --No gage-height record Aug 30 to Sept 30

PASCAGOULA RIVER BASIN

2-4760 Okatibbee Creek near Meridian, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1958 TO SEPTEMBER 1959												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	200	40	258	400	450	146	300	110	300	35	140	40
2	400	50	170	500	450	160	500	100	500	50	150	35
3	200	45	130	350	800	200	400	90	350	250	100	50
4	140	40	110	250	900	250	300	80	200	200	90	100
5	130	40	100	170	1,000	230	200	70	150	70	60	90
6	100	40	85	140	900	250	170	45	300	50	60	80
7	80	40	75	130	600	230	160	60	278	45	45	90
8	60	38	70	130	580	200	150	56	180	50	60	50
9	50	35	65	140	600	170	200	52	160	45	70	40
10	45	32	80	140	780	160	700	50	400	40	70	100
11	40	31	100	120	700	200	980	70	1,400	40	45	200
12	34	30	120	110	650	500	800	60	600	80	40	100
13	34	30	100	105	980	700	780	90	408	50	60	50
14	33	30	90	105	850	450	500	110	300	35	200	60
15	32	35	90	150	800	500	350	100	200	30	150	70
16	32	100	80	500	780	600	280	80	150	30	180	80
17	33	150	75	550	600	500	240	60	100	60	180	80
18	33	120	70	400	450	300	220	50	80	200	180	60
19	31	90	66	250	350	250	250	45	70	300	108	45
20	30	100	62	260	300	200	580	70	60	400	40	35
21	29	90	61	500	240	400	650	80	50	200	40	30
22	28	70	60	1,000	240	700	600	150	48	408	80	24
23	27	60	80	1,300	220	600	500	250	40	300	24	24
24	26	55	300	1,500	210	400	380	300	35	250	23	23
25	26	50	300	900	200	200	230	250	36	270	21	23
26	25	50	200	500	190	250	200	200	35	200	20	22
27	25	50	150	350	180	300	170	150	33	200	25	22
28	24	100	150	300	170	350	150	140	31	150	30	25
29	24	500	150	250	-----	300	130	100	38	120	40	30
30	23	400	150	300	-----	220	120	130	35	100	30	40
31	20	-----	110	500	-----	200	-----	200	-----	90	40	-----
TOTAL	2,026	2,541	3,649	12,040	14,870	10,130	10,830	3,418	4,540	5,060	2,285	1,720
MEAN	65.4	82.7	118	388	531	327	362	110	218	163	72.4	57.3
MAX	400	500	300	1,300	1,000	700	980	300	1,400	700	200	200
MIN	23	30	60	105	170	160	130	45	30	30	20	22
CFSM	.27	.35	.49	1.43	2.22	1.37	1.52	.44	.91	.68	.30	.24
IN.	.42	.40	.57	1.87	2.31	1.58	1.69	.53	1.02	.79	.45	.27

CAL YR 1958: TOTAL 87,213

MEAN 239

MAX 2,560

MIN 12

CFSM 1.00 IN 13.57

MAT YR 1959: TOTAL 75,109

MEAN 206

MAX 1,400

MIN 20

CFSM .84 IN 11.49

Note --Crest-stage gage record only

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1959 TO SEPTEMBER 1960												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	40	100	120	240	1,100	500	780	90	38	14	5.5	22
2	30	100	120	250	900	500	550	80	120	15	5.5	19
3	25	90	150	500	500	2,000	300	70	300	14	8.0	17
4	20	80	110	600	1,000	1,800	1,700	65	150	13	15	15
5	30	500	110	400	1,800	1,500	1,400	300	100	13	13	14
6	88	808	120	600	1,900	1,100	1,480	800	78	20	10	13
7	160	700	150	800	1,500	600	600	1,400	50	20	13	13
8	100	500	130	780	1,100	400	480	1,900	46	17	20	12
9	88	200	110	500	500	500	300	1,800	42	13	18	12
10	60	150	100	350	400	800	350	1,200	38	10	15	20
11	45	130	150	400	380	750	300	708	35	9.0	40	60
12	40	120	250	300	300	650	250	500	32	10	120	60
13	40	110	350	270	250	500	230	400	30	9.0	80	40
14	200	200	250	250	300	400	210	300	28	8.5	50	30
15	400	400	180	350	350	700	200	220	26	8.0	55	20
16	200	300	150	450	450	1,000	190	188	24	8.8	50	35
17	100	200	200	600	500	900	180	160	25	12	35	40
18	80	150	500	1,000	400	700	170	140	25	18	25	40
19	70	130	500	1,000	350	500	160	120	24	12	100	30
20	60	120	380	800	300	350	150	110	22	10	130	25
21	200	110	200	500	500	300	140	100	20	9.0	110	20
22	400	100	170	350	980	250	130	90	18	8.0	250	15
23	250	130	150	300	900	250	120	90	18	7.5	600	13
24	150	150	140	250	800	260	110	80	17	7.5	400	11
25	100	150	130	230	680	270	105	78	25	8.0	200	10
26	80	130	130	220	400	270	100	60	40	7.8	80	10
27	78	150	150	230	300	250	220	55	30	7.0	50	10
28	60	200	500	400	280	250	200	50	25	6.5	40	12
29	55	150	800	600	300	500	150	45	20	6.5	35	11
30	60	130	500	1,000	-----	1,000	180	42	18	6.0	30	10
31	80	-----	300	1,400	-----	900	-----	40	-----	6.0	25	-----
TOTAL	3,305	6,488	7,190	18,460	19,238	21,050	12,315	11,257	1,462	334.5	2,428.0	679
MEAN	107	214	232	511	663	679	411	363	48.7	10.8	84.8	22.4
MAX	400	800	800	1,400	1,900	2,000	1,780	1,900	300	20	600	60
MIN	20	80	100	220	250	250	100	40	17	6.0	5.5	10
CFSM	.45	.90	.97	2.14	2.77	2.84	1.72	1.52	.28	.05	.35	.09
IN.	.51	1.08	1.12	2.46	2.99	3.28	1.92	1.75	.23	.05	.81	.11

CAL YR 1959: TOTAL 83,848

MEAN 238

MAX 1,400

MIN 20

CFSM .94 IN 13.05

MAT YR 1960: TOTAL 101,770.5

MEAN 278

MAX 2,000

MIN 5.5

CFSM 1.14 IN 15.84

Note --Crest-stage gage record only

2-4760 Okatibbee Creek near Meridian, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	10	200	40	500	130	700	6,000	80	35	195	110	39
2	10	100	40	450	150	500	4,000	90	32	242	110	36
3	9.5	60	37	300	300	400	2,000	90	30	209	185	93
4	9.0	40	35	180	280	350	1,000	80	28	158	295	63
5	10	30	33	130	200	300	700	75	26	122	300	56
6	150	25	33	110	160	300	500	70	26	102	200	43
7	200	22	40	110	170	600	400	65	25	133	221	40
8	200	20	45	190	180	750	350	65	25	263	160	46
9	150	19	50	200	160	700	600	80	25	232	120	37
10	100	20	60	160	150	600	1,000	110	60	195	100	32
11	50	40	90	130	130	400	800	100	70	281	95	31
12	35	40	110	110	120	300	700	90	80	856	78	34
13	25	35	90	100	110	350	600	70	140	1,520	82	47
14	20	30	70	140	100	600	500	60	94	2,610	161	43
15	18	28	60	160	90	500	380	100	118	3,460	206	40
16	17	28	90	140	90	350	300	170	86	2,540	99	36
17	16	30	90	120	110	500	250	110	144	1,820	80	33
18	16	30	70	100	700	1,000	200	70	98	934	73	28
19	15	30	60	90	1,000	1,800	170	60	122	312	64	26
20	15	35	140	150	1,500	1,500	150	50	312	225	63	22
21	15	38	200	140	10,000	1,300	140	60	611	335	63	20
22	14	36	190	110	15,000	1,000	130	80	563	271	60	20
23	14	70	150	90	12,000	800	180	70	250	360	63	18
24	14	60	100	90	6,000	600	110	50	130	503	60	16
25	13	55	85	250	4,000	400	100	50	135	456	122	16
26	13	50	80	400	2,500	300	120	90	531	312	116	15
27	13	45	75	500	1,600	300	150	80	1,170	192	92	14
28	13	40	70	300	1,200	700	140	60	1,150	205	65	13
29	13	40	70	210	2,000	110	50	50	1,010	215	52	12
30	100	42	160	140	3,000	90	45	378	144	45	12	12
31	360	200	140	140	5,000	5,000	40	40	124	29	29	29
TOTAL	1,597.5	1,338	2,603	5,960	58,330	27,900	21,780	2,360	7,504	19,526	9,489	981
MEAN	51.5	44.6	84.0	192	2,083	900	724	76.1	250	630	142	32.7
MAX	300	200	200	500	15,000	5,000	6,000	170	1,170	3,460	300	93
MIN	0	0	19	33	90	300	90	40	25	102	39	12
CFSM	.22	.18	.35	.80	8.72	3.77	3.04	.32	1.05	2.64	.87	.14
IN.	.25	.21	.41	.93	9.08	4.34	3.39	.37	1.17	3.04	.84	.15

CAL YR 1960: TOTAL 90,334.0 MEAN 247 MAX 2,000 MIN 5.5 CFSM 1.03 IN 14.06
 WAT YR 1961: TOTAL 153,348.5 MEAN 420 MAX 15,000 MIN 9.0 CFSM 1.76 IN 23.86

Note --Crest-stage gage record only Oct 1 to June 13

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12	9.2	145	476	696	554	2,180	864	50	30	9.7	7.9
2	20	11	131	666	498	445	1,620	433	56	32	9.7	7.6
3	60	23	424	478	431	453	1,020	301	52	28	10	6.8
4	70	17	119	365	396	463	437	247	77	22	15	6.3
5	47	71	118	596	367	445	356	211	55	20	26	9.6
6	36	94	148	1,480	349	385	842	186	49	18	76	7.3
7	26	73	224	2,270	387	325	1,820	165	43	16	48	7.0
8	22	48	280	3,660	296	300	1,210	144	42	16	26	6.8
9	20	34	253	2,530	283	325	857	123	41	15	14	7.0
10	18	28	724	1,720	283	465	469	114	36	14	14	7.0
11	17	25	1,100	904	257	511	387	104	35	13	10	10
12	16	23	2,200	600	236	455	1,400	96	40	12	8.2	7.9
13	16	55	3,040	455	231	442	3,010	94	34	12	8.5	6.3
14	15	456	2,910	429	229	334	4,070	86	31	17	8.2	7.0
15	13	579	4,090	1,090	224	299	2,810	75	28	48	7.0	9.1
16	12	570	4,390	1,550	234	301	1,730	69	25	27	27	9.1
17	12	351	4,270	1,580	272	280	779	64	22	20	32	7.6
18	12	248	11,100	1,680	247	240	437	60	21	16	14	10
19	11	168	11,300	2,620	259	220	373	56	20	14	12	10
20	12	127	5,010	2,740	308	216	325	50	50	13	10	8.2
21	12	104	2,790	2,520	387	213	286	46	73	11	8.2	7.4
22	11	98	1,880	2,260	977	216	251	43	51	10	4.8	7.3
23	9.9	673	1,030	1,700	1,560	205	227	40	36	9.4	6.8	6.1
24	9.2	949	574	1,060	1,730	184	246	36	28	8.5	6.4	5.2
25	9.2	972	455	772	1,630	205	329	35	26	8.2	5.9	4.8
26	11	789	392	466	1,190	257	408	33	23	7.6	5.9	5.0
27	9.9	324	367	1,430	984	223	334	33	86	7.3	47	5.2
28	10	236	397	1,730	788	185	660	32	99	7.0	28	7.3
29	12	199	392	1,600	166	166	1,150	30	55	16	14	10
30	9.9	173	330	1,580	157	157	1,060	30	35	16	10	7.9
31	8.8	320	320	1,320	1,610	1,610	42	42	10	8.2	8.2	8.2
TOTAL	579.9	7,537.2	60,483	44,467	15,589	11,079	30,493	3,944	1,319	514.0	536.7	224.9
MEAN	18.7	251	1,958	1,434	557	387	1,017	127	44.0	16.6	17.3	7.50
MAX	78	972	11,300	3,660	1,730	1,610	4,070	864	99	48	76	10
MIN	8.8	9.2	118	365	224	157	227	30	20	7.0	5.9	4.8
CFSM	.08	1.05	8.10	6.90	2.33	1.50	4.25	.53	.18	.07	.07	.03
IN.	.09	1.17	9.44	6.92	2.63	1.72	4.75	.61	.21	.08	.08	.03

CAL YR 1961: TOTAL 216,610.1 MEAN 593 MAX 15,000 MIN 8.8 CFSM 2.48 IN 33.71
 WAT YR 1962: TOTAL 174,968.7 MEAN 483 MAX 11,300 MIN 4.8 CFSM 2.03 IN 27.54

PASCAGOULA RIVER BASIN

2-4760 Okatibbee Creek near Meridian, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	7.3	7.3	8.2	68	372	199	80	76	10	12	94	4.9
2	6.8	7.6	11	41	319	363	72	72	12	11	196	3.7
3	6.6	17	14	33	453	370	65	50	10	11	72	3.5
4	6.3	15	13	26	736	260	60	39	9.0	9.7	35	3.5
5	5.2	11	14	25	459	257	56	32	7.8	8.6	22	3.5
6	5.9	9.7	19	24	276	463	53	30	8.9	7.8	18	3.3
7	5.7	7.3	26	25	222	342	58	28	7.5	7.5	13	3.3
8	45	9.4	15	25	180	252	64	26	8.2	7.8	12	3.5
9	52	7.0	15	26	155	199	64	26	7.5	7.8	10	3.1
10	35	6.3	14	25	139	185	51	24	10	7.2	14	2.9
11	49	9.4	14	59	130	174	48	22	12	9.0	14	2.8
12	24	8.5	14	155	135	273	44	22	8.2	9.0	11	2.6
13	16	12	13	177	141	751	53	20	6.9	8.6	12	2.6
14	13	17	14	151	134	1,020	54	18	6.0	11	25	3.7
15	9.4	18	15	87	118	1,160	41	18	5.5	10	32	2.9
16	7.6	15	17	60	105	1,180	37	17	7.2	11	22	2.4
17	7.0	14	20	49	94	550	30	14	7.8	34	18	2.2
18	7.0	15	25	97	98	306	26	13	6.9	115	14	2.4
19	6.6	18	25	404	360	265	25	13	6.0	65	12	2.2
20	6.6	45	24	1,190	550	310	33	12	18	37	20	2.2
21	9.1	70	35	1,150	409	303	145	12	32	28	9.7	2.2
22	7.3	49	40	875	248	260	121	12	60	18	6.9	2.4
23	7.3	34	50	366	189	178	76	10	114	16	6.9	1.9
24	10	28	84	223	187	145	50	11	76	11	7.2	1.9
25	9.7	18	325	173	208	131	38	12	51	9.0	6.9	1.6
26	10	18	100	155	197	128	33	11	31	30	6.6	1.8
27	9.1	14	80	158	165	138	32	9.3	21	36	6.6	2.1
28	7.9	12	70	139	139	122	30	23	16	22	6.9	2.1
29	7.3	11	86	128	128	104	32	23	14	13	15	2.1
30	7.0	10	90	308	99	99	44	17	14	10	6.0	1.9
31	7.9	95	414	91	91	91	91	12	13	11	5.2	1.9
TOTAL	414.6	533.5	1,196.2	6,836	7,116	10,578	1,615	724.3	604.4	604.8	249.9	81.2
MEAN	13.4	17.8	38.6	221	254	341	53.8	23.4	20.1	19.5	24.2	2.71
MAX	52	70	125	1,190	736	1,180	145	114	115	115	106	4.9
MIN	5.2	6.3	8.2	24	94	91	25	9.3	5.5	7.2	5.2	1.6
CFSM	.06	.07	.16	.92	1.06	1.43	.23	.10	.08	.08	.10	.01
IN.	.06	.08	.19	1.06	1.11	1.65	.25	.11	.09	.09	.12	.01

CAL YR 1962: TOTAL 110,312.9 MEAN 382 MAX 4,070 MIN 4.8 CFSM 1.26 IN 17.17
 WAT YR 1963: TOTAL 31,053.1 MEAN 85.1 MAX 1,190 MIN 1.6 CFSM .36 IN 4.83

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.9	2.1	10	20	110	154	173	1,380	33	41	21	12
2	1.8	.90	17	25	110	741	161	442	36	48	36	9.6
3	1.6	.60	18	50	103	1,940	150	304	33	114	27	9.0
4	1.6	.50	12	75	83	2,070	163	261	36	128	71	8.0
5	1.3	.60	10	75	75	2,260	186	205	30	72	89	7.7
6	1.2	.60	9.7	100	87	2,180	3,920	169	25	53	41	7.1
7	1.0	1.5	9.7	190	107	1,530	6,200	147	21	47	27	7.7
8	1.1	1.0	12	175	113	720	4,360	126	20	32	24	6.8
9	1.1	.80	11	350	86	552	2,160	116	19	31	23	6.3
10	1.2	.70	12	250	68	618	2,870	105	19	82	17	6.1
11	1.3	.60	18	160	60	559	1,460	95	18	213	14	5.8
12	1.3	.50	16	130	53	410	588	88	18	108	21	5.4
13	1.3	.50	26	140	57	292	1,060	194	18	79	18	4.9
14	1.2	.50	42	100	93	351	2,500	158	18	86	17	4.9
15	1.1	.60	53	80	147	1,570	3,330	126	22	67	16	4.7
16	1.1	1.4	43	70	219	2,140	2,980	93	19	46	23	4.4
17	1.1	.70	34	180	218	1,780	2,010	74	18	33	81	4.4
18	1.3	.70	26	150	409	1,800	959	14	16	81	259	9.6
19	1.2	.70	20	100	530	1,510	404	56	14	49	89	6.8
20	1.0	.70	16	74	408	720	323	53	13	32	85	8.3
21	1.2	2.6	16	64	246	518	265	47	13	25	81	7.7
22	1.3	5.0	17	53	179	394	323	73	21	47	23	7.1
23	1.3	6.0	23	48	167	297	188	42	52	20	25	7.4
24	1.4	10	30	181	127	255	186	48	39	22	25	7.1
25	1.4	9.0	31	447	201	235	313	47	20	69	26	7.4
26	1.5	7.8	28	577	287	261	1,460	40	21	68	29	7.7
27	1.4	5.7	45	447	294	2,140	34	37	14	47	61	5.4
28	1.4	14	23	219	224	586	2,400	32	38	28	22	5.4
29	1.4	14	22	156	182	366	2,780	32	33	23	18	6.8
30	1.8	9.3	22	125	109	242	2,360	37	32	23	14	7.7
31	1.8	21	109	109	109	200	200	33	33	26	24	7.7
TOTAL	41.4	103.60	464.4	4,921	5,025	27,698	48,064	4,493	798	1,808	1,055	289.2
MEAN	1.34	3.45	21.4	159	173	893	1,602	151	26.6	58.3	34.4	6.97
MAX	1.9	14	53	577	530	2,260	6,200	1,380	67	213	159	12
MIN	1.0	.50	9.7	20	53	154	143	32	13	20	14	4.4
CFSM	.006	.01	.09	.66	.73	3.74	6.70	.63	.11	.24	.14	.03
IN.	.006	.02	.10	.77	.78	4.31	7.48	.73	.12	.28	.17	.03

CAL YR 1963: TOTAL 29,718.20 MEAN 81.4 MAX 1,190 MIN .50 CFSM .34 IN 4.62
 WAT YR 1964: TOTAL 95,090.60 MEAN 260 MAX 6,200 MIN .50 CFSM 1.09 IN 14.80

2-4760 Okatibbee Creek near Meridian, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	8.0	13	246	559	239	410	1,250	84	29	14	99	29
2	9.0	14	138	510	226	930	1,240	70	23	14	85	20
3	20	12	119	332	219	1,030	444	42	19	14	25	15
4	127	9.3	785	263	281	801	425	58	17	14	22	18
5	696	8.3	1,070	223	160	467	519	50	15	19	19	15
6	424	8.1	557	189	184	378	377	46	15	17	17	20
7	237	8.6	260	172	262	331	307	41	42	99	14	21
8	101	8.3	180	163	297	294	274	42	46	125	19	22
9	63	9.4	149	157	285	262	249	40	38	88	20	17
10	43	9.4	129	500	676	244	223	39	31	130	25	15
11	34	11	839	873	1,050	230	205	39	30	87	88	13
12	29	13	1,880	718	3,610	602	195	35	27	47	32	13
13	25	11	1,930	369	4,250	1,200	205	33	79	32	26	51
14	22	14	1,740	281	3,450	961	170	29	345	24	20	57
15	23	11	1,560	244	2,780	569	146	27	156	22	18	43
16	26	12	795	248	1,070	390	134	26	87	25	17	25
17	26	16	314	244	1,140	337	121	24	52	22	16	23
18	23	15	276	197	1,390	467	111	23	41	17	45	15
19	21	22	281	172	1,340	449	102	23	38	15	19	14
20	17	46	279	162	1,040	324	95	23	31	15	16	12
21	14	37	269	154	577	259	91	22	25	16	26	11
22	12	48	280	165	447	228	86	21	23	23	27	14
23	11	44	250	952	382	218	79	22	21	20	34	25
24	9.0	73	227	1,700	356	219	72	21	19	14	76	19
25	8.8	302	215	1,720	560	218	67	22	17	12	96	38
26	11	304	218	1,830	598	244	88	24	17	16	24	80
27	9.9	208	197	1,280	414	537	153	26	10	108	21	38
28	11	243	163	478	328	755	247	34	17	75	22	25
29	12	386	144	336	---	742	173	29	15	43	24	19
30	13	461	136	298	---	900	108	24	14	36	30	17
31	14	---	313	268	---	1,200	---	24	---	64	28	---
TOTAL	2,091.7	2,417.4	15,939	15,557	29,171	16,288	8,128	1,083	1,348	1,269	870	744
MEAN	67.5	80.6	514	502	1,042	525	271	34.9	44.9	40.9	28.1	24.8
MAX	688	461	1,930	1,720	4,250	1,200	1,250	84	345	130	94	80
MIN	8.0	8.1	119	154	180	218	67	21	14	12	14	11
CFSM	28	34	2.15	2.10	4.36	2.20	1.13	1.15	1.19	1.17	1.12	1.10
IN.	33	38	2.48	2.42	4.54	2.53	1.26	1.17	1.21	1.20	1.14	1.12

CAL YR 1964: TOTAL 114,729.3 MEAN 313 MAX 6,200 MIN 4.4 CFSM 1.31 IN 17.85
WAT YR 1965: TOTAL 94,906.1 MEAN 260 MAX 4,250 MIN 8.0 CFSM 1.09 IN 14.77

PASCAGOULA RIVER BASIN

2-4765 Sowashee Creek at Meridian, Miss

Location --Lat 32°22'10", long 88°40'40", in NE $\frac{1}{4}$ sec 17, T 6 N, R 16 E, Choctaw meridian, near right bank on upstream side of 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

Records available --October 1950 to September 1965

Gage --Digital water-stage recorder Datum of gage is 305.95 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 Prior to Nov 13, 1959, graphic water-stage recorder and wire-weight gage at site 0.4 mile upstream at datum 3.00 ft higher Nov 13, 1959, to Dec 10, 1962, graphic water-stage recorder at present site and datum

Average discharge --15 years, 56.8 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height, in feet)

Annual maximum discharge (*) and peak discharges above base (1,300 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	2100	* 7,690	19.63	Jan 27, 1962	1500	1,790	10.99	Apr 6, 1964	1200	* 9,530	20.95
Mar 31, 1961	1000	5,720	18.12	Mar 31, 1962	1500	3,010	14.66	Apr 15, 1964	2130	2,540	13.63
June 26, 1961	2500	1,710	10.70	Apr 12, 1962	1600	1,340	8.98	Apr 27, 1964	1030	2,050	12.23
Dec 12, 1961	1800	2,630	13.84	Jan 19, 1963	1500	* 1,000	7.90	Oct 5, 1964	0830	1,550	9.95
Dec 16, 1961	0200	1,640	10.34	Mar 2, 1964	2400	2,820	14.29	Dec 4, 1964	1730	1,430	9.40
Dec 19, 1961	0400	* 5,640	18.04	Mar 15, 1964	1430	2,690	13.99	Dec 11, 1964	2100	* 5,340	15.30
Jan 19, 1962	1100	2,150	12.59					Jan 23, 1965	1930	1,350	9.06
								Feb 12, 1965	1130	2,080	12.35

Annual minimum discharge, for water year 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 29, 30, 1961	4.0	-	1964	Many days	0.50	-
1962	Aug 14, 1962	1.0	-	1965	June 6, July 22, 1965	2.6	2.16
1963	Many days	6	-				

1950-65 Maximum discharge, 9,530 cfs Apr 6, 1964 (gage height, 20.95 ft, present site and datum), minimum, 0.20 cfs Oct 4, 1954, and at times during July, August, September 1957

Maximum stage known since at least 1900, 29.5 ft in February 1936 (6.7 ft higher than the flood of Feb 21, 1961), at site 0.6 mile upstream at present datum, from information by Southern Railway Co Flood of Mar 31, 1949, reached a stage of 26.6 ft, at site 0.6 mile upstream at present datum, from information by U S Weather Bureau

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.4	71	9.6	150	35	176	509	22	6.4	49	14	8.5
2	6.0	31	8.8	59	42	138	210	21	6.0	42	13	13
3	6.0	21	8.8	41	82	118	178	19	6.0	59	14	10
4	6.0	16	8.8	32	49	106	161	16	6.0	280	35	8.0
5	44	14	8.8	28	38	94	120	14	5.6	66	17	7.6
6	176	12	8.8	26	37	103	96	14	5.2	39	31	6.8
7	72	12	9.6	25	46	331	87	14	4.8	86	43	6.0
8	33	9.6	9.6	53	41	176	73	14	4.8	84	63	5.6
9	18	9.6	11	34	33	112	233	21	4.8	105	88	5.2
10	14	9.6	11	26	31	89	158	15	193	43	23	6.4
11	13	9.6	20	24	28	78	96	14	451	212	16	10
12	12	8.8	15	22	27	76	267	12	68	387	38	9.0
13	9.6	8.4	12	28	26	107	136	11	33	644	20	9.5
14	8.0	8.4	10	51	24	107	96	10	28	379	15	17
15	7.6	8.4	18	40	24	68	80	17	26	169	20	12
16	6.8	8.4	21	30	22	61	63	12	21	89	117	8.0
17	7.2	9.6	15	25	66	196	58	9.5	19	65	29	7.2
18	6.4	9.6	13	22	653	907	50	8.5	27	50	18	6.8
19	6.0	8.8	12	34	647	230	48	8.5	91	40	15	6.4
20	6.0	8.0	34	41	968	151	43	7.6	527	34	14	6.4
21	5.6	8.4	111	28	3,650	144	37	9.5	330	29	14	6.0
22	5.6	9.6	40	22	3,930	104	34	11	105	31	13	6.0
23	5.6	30	28	22	830	83	33	10	58	48	11	5.6
24	5.3	19	24	30	415	70	30	8.5	67	34	33	5.2
25	5.0	14	22	89	569	62	28	20	114	24	59	5.2
26	4.7	12	21	151	252	57	42	26	941	19	19	4.8
27	4.7	11	18	94	185	79	34	16	762	25	16	4.8
28	4.7	11	18	63	253	729	27	12	144	18	14	4.8
29	4.7	11	18	52	-----	799	23	10	83	16	11	4.4
30	40	9.6	28	41	-----	616	22	8.5	61	15	10	4.4
31	286	-----	127	36	-----	3,210	-----	7.2	-----	14	9.0	-----
TOTAL	835.9	429.4	719.8	1,419	13,003	9,377	3,072	418.8	4,198.6	3,195	852.0	220.6
MEAN	27.0	14.3	23.2	45.8	464	302	102	13.5	140	103	27.5	7.35
MAX	286	71	127	151	3,930	3,210	509	26	941	644	117	17
MIN	4.7	8.0	8.8	22	22	57	22	7.2	4.8	14	9.0	4.4
CFSM	.52	.28	.45	.88	8.95	5.83	1.97	.26	2.70	1.99	.53	.14
IN.	.60	.31	.52	1.02	9.32	6.72	2.20	.30	3.01	2.29	.61	.16

CAL YR 1960: TOTAL 22,492.0 MEAN 61.5 MAX 974 MIN 1.0 CFSM 1.88 IN 19.12
 MAY YR 1961: TOTAL 57,741.1 MEAN 103 MAX 3,930 MIN 4.0 CFSM 1.88 IN 27.04

PASCAGOULA RIVER BASIN

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2-4765 Sowashee Creek at Meridian, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.0	4.8	25	196	124	72	533	80	11	6.5	4.4	1.9
2	15	4.4	24	108	106	78	166	65	9.6	4.8	1.9	1.9
3	36	27	22	87	96	94	116	50	7.0	14	23	1.9
4	12	28	21	78	89	80	92	42	6.0	4.8	15	2.4
5	8.5	21	23	296	85	80	112	37	5.6	3.0	15	3.0
6	7.2	12	29	534	73	62	396	30	5.6	3.3	16	7.0
7	7.2	10	30	235	66	58	218	28	4.4	4.4	4.8	3.6
8	7.2	8.5	30	158	65	56	136	24	9.8	4.4	2.7	3.0
9	7.6	8.0	123	124	65	104	100	20	17	4.0	2.4	4.0
10	6.8	7.6	585	119	58	76	80	19	9.0	3.6	2.1	9.6
11	6.0	8.0	353	116	54	69	98	18	14	3.6	1.5	4.4
12	5.6	8.0	2,040	116	51	61	1,090	16	11	4.0	1.3	5.6
13	5.2	64	912	116	50	49	348	14	7.5	4.4	1.1	7.0
14	4.4	252	934	118	50	47	157	13	5.6	3.3	1.1	18
15	4.0	100	1,420	885	51	69	116	14	4.4	6.0	18	7.5
16	4.0	124	963	352	56	52	87	13	4.0	15	64	3.0
17	4.4	17	1,400	10	43	30	23	23	4.4	4.4	7.5	3.3
18	4.4	31	3,200	466	48	42	66	12	3.0	4.4	3.6	3.3
19	4.0	27	4,210	1,730	55	41	60	9.6	3.0	2.1	3.0	3.0
20	4.0	23	214	445	46	41	51	9.2	3.6	1.7	2.7	3.6
21	4.4	18	167	220	169	43	43	8.8	4.0	1.5	2.7	3.3
22	4.8	17	141	180	606	38	39	7.8	2.1	2.1	2.7	2.7
23	4.8	531	121	224	336	35	34	7.5	2.4	2.1	2.7	2.4
24	4.4	130	98	222	182	32	65	7.2	5.6	2.7	2.4	2.4
25	4.4	67	85	170	116	74	87	6.9	13	2.7	2.4	2.4
26	4.0	50	76	252	104	55	49	6.3	31	4.0	2.7	4.0
27	3.8	41	89	1,410	126	38	38	6.1	25	2.4	2.4	6.0
28	4.0	35	86	424	85	34	455	6.0	16	2.4	2.4	3.6
29	4.0	29	68	214	-----	32	413	5.6	10	43	2.4	2.7
30	4.4	27	62	174	-----	31	128	9.6	7.0	14	2.4	2.7
31	4.8	127	142	-----	-----	1,870	-----	12	-----	11	2.1	2.7
TOTAL	205.3	1,758.3	13,889	10,087	3,062	3,556	5,446	609.6	261.1	189.6	222.4	129.2
MEAN	6.62	58.6	448	325	109	115	182	19.7	8.70	6.12	7.17	4.31
MAX	36	531	3,200	730	606	1,870	1,090	80	31	43	64	18
MIN	3.8	4.4	21	78	46	31	34	5.6	2.4	1.5	1.1	1.9
CFSM	1.13	1.13	8.63	6.27	2.11	2.21	3.50	3.8	1.7	1.2	1.4	1.08
IN.	1.15	1.26	9.95	7.23	2.19	2.55	3.90	4.4	1.9	1.4	1.6	1.09
CAL YR 1961: TOTAL	51,608.6	MEAN 141	MAX 3,930	MIN 3.8	CFSM 2.72	IN 36.98						
WAT YR 1962: TOTAL	39,415.5	MEAN 108	MAX 3,200	MIN 1.1	CFSM 2.08	IN 28.24						

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.8	2.1	3.5	15	85	182	20	19	3.6	4.4	3.2	.80
2	3.2	2.3	4.1	13	136	122	18	9.6	2.5	3.7	2.2	.70
3	3.2	4.1	6.7	12	348	70	18	7.1	3.2	1.7	1.0	1.0
4	2.8	4.5	6.7	11	116	90	16	6.3	1.9	4.3	1.4	.80
5	2.6	3.5	7.6	11	80	208	15	5.9	2.1	4.4	1.3	1.1
6	2.6	2.5	7.1	14	63	451	17	5.9	4.9	3.6	1.1	.90
7	2.6	2.6	5.1	14	54	134	16	5.1	4.5	3.0	1.1	.70
8	75	5.5	5.9	12	46	89	15	4.7	2.6	2.7	1.1	.70
9	31	6.7	5.5	11	40	73	13	4.1	2.2	2.6	1.2	.60
10	4.1	4.1	5.5	10	37	63	13	3.8	1.9	2.6	1.0	.60
11	2.5	3.5	5.5	87	40	57	11	3.5	1.7	2.4	3.1	.60
12	2.1	3.5	5.5	100	42	237	13	3.2	1.6	2.3	5.1	.60
13	2.1	3.5	5.1	39	37	241	11	3.0	1.5	2.5	2.0	32
14	2.0	3.0	5.5	24	33	100	9.1	2.8	1.4	5.3	75	59
15	2.1	2.8	6.3	19	29	73	8.1	2.6	1.3	5.7	22	4.4
16	2.3	2.8	5.9	16	26	63	7.6	2.6	1.4	9.5	5.7	2.3
17	2.6	2.8	5.5	20	26	58	7.1	2.5	2.5	11	2.5	1.8
18	2.6	7.1	5.5	110	49	50	6.3	2.6	3.0	16	1.7	1.6
19	2.2	5.9	5.5	571	218	78	6.3	2.6	3.6	35	1.4	1.3
20	2.2	24	5.5	623	94	319	17	2.8	11	41	2.3	1.0
21	4.4	29	5.9	168	65	94	18	3.5	23	9.8	1.7	.90
22	3.5	16	7.1	83	48	63	11	3.8	53	6.6	1.5	.90
23	2.8	7.6	7.1	80	45	52	7.1	3.2	25	3.9	1.3	.80
24	2.8	5.5	18	61	73	44	5.5	3.2	9.9	2.7	1.1	.70
25	1.9	4.1	38	48	58	41	5.5	3.5	6.8	9.9	1.0	.70
26	1.9	3.8	18	49	47	45	5.9	3.5	5.4	3.8	.90	.80
27	1.9	3.2	13	57	38	36	5.5	3.8	4.8	2.3	.90	.90
28	2.0	3.5	13	40	34	30	5.1	73	4.5	1.8	.90	1.2
29	1.9	3.5	59	37	-----	27	9.6	42	7.0	1.7	11	1.9
30	2.0	3.5	28	172	-----	24	40	10	5.0	1.5	2.1	1.9
31	2.2	-----	18	140	-----	23	-----	5.1	-----	1.8	1.2	-----
TOTAL	179.9	176.1	336.6	2,667	2,007	3,237	370.7	254.3	201.7	211.0	159.70	123.20
MEAN	5.80	5.87	10.9	86.0	71.7	104	12.4	8.20	6.72	6.81	5.15	4.11
MAX	75	29	59	623	348	451	40	73	53	41	75	59
MIN	1.9	2.1	3.5	10	26	23	5.1	2.5	1.3	1.5	.90	.60
CFSM	1.11	1.11	2.1	1.66	1.38	2.01	2.8	1.6	1.3	1.3	1.0	.98
IN.	1.13	1.13	2.4	1.91	1.44	2.32	2.7	1.8	1.4	1.5	1.1	.99
CAL YR 1963: TOTAL	20,322.5	MEAN 69.5	MAX 1,870	MIN 1.1	CFSM 1.82	IN 17.39						
WAT YR 1963: TOTAL	20,924.20	MEAN 27.2	MAX 623	MIN 1.00	CFSM 1.82	IN 7.11						

2-4765 Sowashee Creek at Meridian, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.2	1.3	1.7	6.8	24	37	42	92	16	41	7.6	2.1
2	1.0	1.4	2.2	13	17	1,290	40	98	13	12	16	1.9
3	1.0	.90	2.7	24	15	1,120	39	76	9.1	8.1	7.1	1.7
4	1.0	.90	2.0	39	13	237	39	59	7.6	7.6	4.1	1.8
5	.80	.90	1.7	28	17	227	217	48	6.3	5.9	4.8	2.3
6	.70	1.1	1.6	47	22	106	5,770	41	5.9	4.8	3.9	3.2
7	.60	1.0	1.6	61	15	83	942	37	5.9	4.3	3.3	2.5
8	.70	1.0	5.5	37	13	74	786	33	5.1	3.9	2.8	2.2
9	.60	1.1	2.7	264	11	89	281	29	4.3	19	2.6	2.4
10	.60	1.2	2.1	60	10	156	174	27	4.3	13	2.5	2.1
11	.60	1.1	6.7	33	9.2	72	145	25	4.3	22	2.5	1.7
12	.60	.90	14	37	8.7	55	176	30	6.3	37	10	2.1
13	.60	.80	20	29	19	47	1,290	61	4.5	16	4.3	1.7
14	.60	.90	48	17	45	344	931	29	3.7	9.6	2.8	1.5
15	.60	.90	18	15	67	2,040	216	23	5.9	6.7	2.5	1.5
16	.60	1.4	6.3	24	76	466	145	20	4.1	5.1	8.1	1.9
17	.70	1.4	4.1	52	47	170	112	18	3.9	4.3	13	1.9
18	.60	1.1	3.4	30	394	123	90	16	3.5	3.9	12	4.1
19	.60	.90	2.8	23	128	126	78	15	3.0	3.7	4.8	3.9
20	.70	1.1	2.7	21	64	146	66	12	2.8	3.5	3.3	3.3
21	.70	.90	3.8	15	47	99	57	11	2.7	4.5	3.2	3.3
22	.90	6.3	10	13	39	76	52	14	32	6.3	3.3	2.9
23	.80	11	30	13	32	67	46	19	13	4.5	21	2.9
24	1.0	2.1	14	129	29	62	42	13	4.8	24	7.6	2.7
25	1.1	1.1	8.5	169	178	64	155	11	5.9	66	4.1	2.3
26	.80	1.0	7.4	56	95	145	988	9.1	13	12	3.3	2.2
27	.80	1.1	6.6	37	69	79	1,990	8.1	5.9	6.3	2.9	2.2
28	.70	15	6.0	28	60	63	310	7.6	4.5	3.9	2.6	2.7
29	.60	16	4.0	21	41	52	203	9.6	6.3	5.9	2.3	3.7
30	.60	3.0	3.3	18	-----	45	120	8.1	20	8.1	2.3	5.1
31	.70	-----	3.4	23	-----	43	-----	11	-----	8.6	2.2	-----
TOTAL	23.10	78.80	245.8	1,382.8	1,604.9	7,803	15,142	910.5	227.4	381.5	176.8	75.8
MEAN	7.5	2.53	7.93	44.6	51.3	252	405	29.4	7.6	12.3	5.64	2.3
MAX	1.2	16	48	264	394	2,040	5,770	98	32	66	21	5.1
MIN	.60	.80	1.6	6.8	8.7	37	39	7.6	2.7	3.5	2.2	1.5
CFSM	.01	.05	.15	.86	1.07	4.85	9.73	.57	.15	.24	.11	.05
IN.	.02	.06	.18	.99	1.15	5.59	10.9	.65	.16	.27	.13	.05

CAL YR 1963: TOTAL 9,579.30

MEAN 26.2

MAX 623

MIN .60

CFSM .51

IN 6.86

WAT YR 1964: TOTAL 28,050.60

MEAN 76.6

MAX 5,770

MIN .60

CFSM 1.48

IN 20.10

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5.5	4.8	38	101	51	428	102	18	3.2	5.7	3.6	7.5
2	4.8	4.9	33	69	50	441	82	16	3.0	5.1	3.3	6.1
3	4.5	5.5	62	63	42	170	76	17	3.0	4.3	3.1	6.0
4	422	7.5	1,230	48	40	117	14	14	2.8	4.4	3.0	5.8
5	999	7.2	268	43	39	105	287	12	2.7	4.9	3.1	4.2
6	68	6.4	97	41	61	92	100	11	6.0	4.5	3.1	4.8
7	33	6.4	69	39	100	79	78	11	155	80	4.4	4.1
8	24	6.3	57	37	60	69	52	9.5	4.9	4.9	6.4	3.8
9	19	5.8	48	42	94	64	62	9.0	15	12	9.4	3.7
10	16	5.4	42	199	540	63	54	8.0	12	8.6	7.7	4.1
11	13	5.1	1,810	82	470	59	49	7.2	21	9.9	5.1	4.2
12	11	5.3	1,250	59	1,580	615	63	7.2	20	6.4	4.0	5.8
13	11	5.0	216	51	287	405	61	6.4	124	5.0	3.8	6.9
14	11	5.2	131	45	159	149	41	5.7	346	5.1	3.8	4.5
15	19	5.2	96	47	124	112	38	5.4	66	20	3.7	3.5
16	15	5.3	79	52	109	93	35	5.1	69	16	3.6	3.3
17	9.8	5.2	70	38	491	100	29	4.8	30	7.4	3.1	3.1
18	7.8	5.4	84	37	300	122	28	4.8	20	4.6	3.3	2.9
19	6.4	15	63	35	155	78	26	4.8	15	3.8	6.8	2.8
20	5.5	35	79	33	120	64	25	4.5	12	3.5	8.6	4.9
21	5.1	12	78	32	107	58	22	4.5	11	3.4	58	5.6
22	5.1	7.5	67	88	87	55	20	4.8	9.2	3.2	44	5.6
23	4.8	6.4	62	1,180	78	62	20	5.4	8.0	3.6	11	4.6
24	4.5	177	56	481	129	64	18	4.8	7.4	3.4	6.8	4.2
25	4.5	317	50	167	135	57	21	4.2	6.4	4.4	5.5	3.6
26	4.4	63	45	121	82	54	75	3.8	5.7	4.8	7.0	3.0
27	4.4	39	39	88	73	55	75	4.2	5.9	9.3	6.3	2.8
28	6.4	272	36	73	67	75	37	4.8	13	9.4	51	2.8
29	7.4	106	35	67	-----	90	26	4.5	6.9	5.4	115	3.0
30	6.0	52	35	61	-----	394	20	3.8	5.5	4.7	18	3.6
31	5.2	-----	222	51	-----	151	-----	3.4	-----	3.9	10	-----
TOTAL	1,763.1	1,203.8	6,547	3,570	5,590	4,551	1,750	229.6	1,056.7	315.7	425.5	131.8
MEAN	56.9	40.1	211	115	200	147	56.3	7.41	35.2	10.2	13.7	4.39
MAX	999	317	1,810	1,580	1,580	615	287	18	346	80	115	7.5
MIN	4.4	4.8	33	32	39	54	18	3.4	2.7	3.2	3.0	2.8
CFSM	1.10	.77	4.07	2.22	3.85	2.83	1.12	.14	.68	.20	.26	.08
IN.	1.26	.86	4.69	2.56	4.01	3.26	1.25	.16	.76	.23	.30	.09

CAL YR 1964: TOTAL 37,216.8

MEAN 102

MAX 5,770

MIN 1.5

CFSM 1.96

IN 26.67

WAT YR 1965: TOTAL 27,134.2

MEAN 74.3

MAX 1,810

MIN 2.7

CFSM 1.43

IN 19.44

2-4770 Chickasawhay River at Enterprise, Miss

Location --Lat 32°10'30", long 88°49'15", in NW¼ sec 24, T 4 N, R 14 E, Choctaw meridian, on right bank at downstream side of bridge on State Highway 513 in Enterprise, half a mile downstream from confluence of Chunky River (formerly Chunky Creek), and Okatibbee Creek

Drainage area --913 sq mi

Records available --August 1938 to September 1965 Gage-height records collected at same site since 1904 are contained in reports of U S Weather Bureau

Gage --Water-stage recorder Datum of gage is 212.62 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 Prior to Jan 6, 1939, U S Weather Bureau staff gage at same site and datum

Average discharge --27 years, 1,169 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height, in feet)

Annual maximum discharge (*) and peak discharges above base (10,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	1200	* 61,700	37.94	Jan 21, 1962	0100	11,000	22.42	Apr 8, 1964	0500	* 27,500	30.70
Apr 1, 1961	2200	28,700	31.08	Apr 2, 1962	0200	10,200	21.63	Apr 29, 1964	1000	12,000	22.96
Dec 19, 1961	2000	* 39,100	33.78	Jan 21, 1963	0900	* 5,620	15.54	Feb 14, 1965	0500	* 12,700	23.68
Jan 8 1962	0500	12 900	23.88								

Annual minimum discharge, water year 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 4, 1960	75	-0.45	1964	Oct 22-25, 1963	18	b -0.70
1962	Sept 25, 1962	41	- .43	1965	Aug 7, 1965	71	c - 30
1963	Sept 26, 27, 1963	22	a - 66				

a Occurred Sept 10, 1963

b Occurred Oct 22, 24, 25, 1963

c Occurred June 6, 1965

1938-65 Maximum discharge, 61,700 cfs Feb 23, 1961 (gage height, 37.94 ft), minimum, 18 cfs Sept 25-30, 1964, Oct 22-25, 1963 minimum gage height, -1.05 ft Oct 13-20, 23, 24, 1952, Aug 30, 1957

Flood in April 1900 reached a stage of 37.2 ft, from flood mark (from reports of U S Weather Bureau)

Remarks --Records good

Revisions (water years) --WSP 1334 1953

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	94	1,280	177	2,010	628	4,700	25,300	502	170	1,050	490	195
2	91	700	171	1,860	598	3,720	23,400	480	159	1,110	435	206
3	82	375	159	1,300	996	2,790	12,400	450	153	857	435	289
4	79	252	155	833	1,220	2,180	6,090	428	144	887	535	256
5	171	207	155	598	945	1,880	4,420	390	158	725	923	243
6	501	179	156	492	751	1,770	3,320	359	199	565	728	232
7	859	158	159	495	727	2,400	2,440	334	137	528	614	197
8	822	147	171	670	754	2,830	1,890	310	134	967	632	209
9	726	144	182	730	718	2,790	2,150	465	130	999	1,120	189
10	391	144	208	604	631	2,520	3,170	430	169	794	528	170
11	242	161	287	553	562	1,950	3,100	406	648	1,070	383	187
12	193	182	373	473	515	1,580	2,960	342	641	2,660	348	185
13	165	175	375	450	481	1,480	2,680	301	520	4,290	320	197
14	143	164	291	586	453	2,000	2,260	274	468	5,120	357	324
15	131	156	306	649	426	1,990	1,840	420	432	5,950	1,010	280
16	124	156	346	610	418	1,850	1,540	582	432	6,170	761	234
17	115	159	340	541	559	1,830	1,340	450	399	5,170	600	197
18	108	159	304	481	2,640	4,900	1,200	307	472	3,620	498	165
19	107	161	256	459	3,670	5,880	1,080	254	1,060	2,020	340	147
20	107	161	358	568	5,070	5,840	981	227	2,370	943	284	137
21	104	159	851	601	10,400	4,950	902	240	3,120	905	332	130
22	103	159	970	532	28,900	4,200	830	330	2,690	1,190	320	126
23	100	333	703	450	58,500	3,570	767	284	1,930	1,130	297	122
24	98	285	489	440	44,200	2,750	713	269	999	1,460	349	116
25	95	252	405	854	24,200	1,770	665	249	993	2,320	929	116
26	95	226	356	1,600	13,100	1,430	713	394	4,090	1,990	518	113
27	98	208	319	1,890	7,360	1,440	756	293	5,240	1,220	365	104
28	95	196	328	1,490	5,870	3,700	782	278	4,510	833	299	99
29	95	182	368	1,040	-----	6,250	665	232	3,370	929	254	96
30	198	177	398	817	-----	7,790	550	200	2,010	947	231	99
31	1,420	-----	652	706	-----	13,400	-----	182	-----	689	199	-----
TOTAL	7,752	7,397	10,768	25,382	215,892	108,130	110,906	10,662	37,947	59,108	15,434	5,360
MEAN	250	247	347	819	7,710	3,488	3,697	364	1,265	1,907	498	179
MAX	1,420	1,280	970	2,010	58,500	13,400	25,300	582	5,240	6,170	1,120	324
MIN	79	144	155	440	418	1,430	550	182	130	528	199	96
CFSM	.27	.27	.38	.90	8.45	3.82	4.05	.38	1.39	2.09	.95	.20
IN.	.32	.30	.44	1.03	8.79	4.40	4.52	.43	1.55	2.41	.63	.22

CAL YR 1960: TOTAL 363,635 MEAN 994 MAX 7,420 MIN 79 CFSM 1.89 IN 14.81

WAT YR 1961: TOTAL 614,738 MEAN 1,684 MAX 58,500 MIN 79 CFSM 1.84 IN 24.81

2-4770 Chickasawhay River at Enterprise, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	105	73	590	2,340	3,370	2,100	9,220	3,840	372	184	144	59
2	110	81	542	2,420	2,400	1,760	9,400	2,290	368	154	98	56
3	234	172	525	2,020	1,950	1,840	5,740	1,300	320	138	98	61
4	274	388	500	1,640	1,760	1,850	3,440	1,020	271	126	167	52
5	220	500	476	2,750	1,680	1,770	2,040	863	267	107	195	59
6	180	478	558	6,540	1,590	1,540	3,320	758	259	97	209	83
7	152	342	729	9,960	1,480	1,330	4,620	671	227	92	238	162
8	133	249	891	12,100	1,390	1,220	4,250	405	288	83	172	110
9	122	190	1,340	8,750	1,350	1,280	3,290	548	249	83	127	78
10	117	169	3,640	5,690	1,300	1,490	2,080	502	227	79	93	87
11	110	198	5,050	4,320	1,220	1,580	1,540	458	227	73	82	78
12	105	148	7,960	3,060	1,130	1,430	4,060	428	208	88	66	88
13	103	381	11,800	2,170	1,090	1,340	6,670	401	202	164	65	72
14	97	2,760	13,100	1,950	1,070	1,180	8,150	372	187	102	56	59
15	90	2,680	13,900	4,290	1,040	1,190	7,900	357	167	91	62	87
16	81	2,780	14,200	5,880	1,080	1,180	5,290	332	152	116	61	115
17	80	2,410	14,900	6,140	1,170	1,070	3,800	309	134	131	130	78
18	80	1,530	20,500	5,950	1,100	939	2,180	288	129	98	94	59
19	80	872	33,600	9,150	1,200	878	1,420	269	124	86	71	52
20	78	620	29,600	10,600	1,390	860	1,220	252	129	79	60	57
21	77	505	14,200	10,400	2,030	854	1,060	238	263	72	62	49
22	77	482	6,870	7,710	3,460	821	939	225	241	69	67	44
23	77	3,470	4,860	5,520	4,830	785	851	222	178	66	71	47
24	76	4,350	3,640	4,730	5,340	749	824	204	143	61	71	43
25	76	3,820	2,590	3,970	5,170	845	1,580	194	129	61	96	42
26	80	2,940	2,050	3,170	4,300	953	1,980	184	141	61	124	44
27	78	1,970	1,880	5,780	3,440	830	1,690	180	161	65	129	46
28	76	945	1,900	6,720	2,760	728	3,210	177	234	61	136	45
29	75	785	1,790	6,360	-----	668	4,760	159	249	208	110	49
30	82	677	1,580	5,380	-----	641	4,590	209	271	371	84	57
31	80	-----	1,590	4,290	-----	4,490	-----	309	-----	167	69	-----
TOTAL	3,405	36,525	217,371	171,750	61,090	40,191	111,114	18,164	6,318	3,433	3,307	2,018
MEAN	110	1,218	7,012	5,540	2,182	1,296	3,704	586	217	111	107	67.3
MAX	274	4,350	33,600	12,100	5,340	4,490	9,400	372	371	238	162	162
MIN	75	73	476	1,640	1,040	641	824	159	124	61	56	42
CFSM	.12	1.33	7.68	6.07	2.39	1.42	4.06	.64	.24	.12	.12	.07
IN.	.14	1.49	8.85	7.00	2.49	1.64	4.53	.74	.27	.14	.13	.08

CAL YR 1961: TOTAL 846,122
WAT YR 1962: TOTAL 674,886MEAN 2,318
MEAN 1,849MAX 58,500
MAX 33,600MIN 73
MIN 42CFSM 2.34
CFSM 2.03IN 34.47
IN 27.49

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	70	73	116	366	1,980	1,240	414	365	79	86	183	63
2	72	70	106	283	1,550	1,920	388	324	71	81	294	51
3	64	81	105	236	2,620	1,620	365	244	63	83	272	47
4	56	142	136	209	2,950	1,220	350	194	60	116	150	43
5	51	111	182	200	2,230	1,380	326	174	60	87	101	40
6	45	85	198	211	1,360	2,630	324	158	62	70	79	38
7	53	85	173	213	1,040	1,880	352	146	59	63	65	38
8	317	98	162	214	890	1,220	385	140	57	59	64	37
9	839	115	154	203	779	980	360	133	66	59	63	35
10	426	100	135	194	704	890	321	123	71	56	82	31
11	218	90	133	261	677	821	294	114	70	55	125	33
12	152	98	132	1,090	704	948	319	106	65	55	143	35
13	106	99	133	1,210	704	3,030	338	102	58	54	95	43
14	91	99	122	779	674	4,130	375	97	54	60	167	59
15	80	102	135	493	608	3,950	294	92	51	74	352	74
16	80	111	138	376	539	2,900	252	90	51	86	292	38
17	107	94	138	327	500	2,020	229	82	61	84	167	31
18	121	113	136	644	506	1,240	208	76	104	217	108	30
19	98	175	142	1,910	1,600	1,010	194	74	123	343	83	30
20	85	339	146	5,240	2,320	1,380	406	71	167	262	73	29
21	170	433	148	5,480	1,830	1,420	548	84	340	170	248	28
22	168	392	154	4,800	1,110	1,030	494	75	453	115	166	26
23	125	263	152	3,230	860	830	357	66	629	96	94	25
24	102	196	196	1,550	950	713	270	65	401	74	72	25
25	90	164	387	1,060	1,080	656	222	65	235	65	62	24
26	85	140	458	908	980	632	246	65	164	72	55	23
27	76	131	379	893	818	635	296	63	136	83	51	23
28	72	125	310	797	713	596	333	63	114	83	51	24
29	77	124	532	704	-----	527	274	170	105	70	51	27
30	73	121	626	2,110	-----	485	279	142	90	69	154	27
31	73	-----	501	-----	-----	445	-----	103	-----	106	95	-----
TOTAL	4,242	4,369	6,665	37,253	33,276	44,278	9,813	3,888	4,117	3,603	4,037	15,076
MEAN	137	146	215	1,202	1,188	1,413	313	126	133	116	127	484
MAX	839	433	626	5,480	2,950	4,130	548	365	629	343	352	74
MIN	45	70	105	194	500	445	194	63	51	54	51	23
CFSM	.15	.16	.24	1.32	1.30	1.57	.36	.14	.15	.11	.14	.04
IN.	.17	.18	.27	1.52	1.36	1.81	.40	.16	.17	.12	.17	.04

CAL YR 1962: TOTAL 432,861
WAT YR 1963: TOTAL 156,166MEAN 1,186
MEAN 428MAX 12,100
MAX 5,480MIN 42
MIN 23CFSM 1.30
CFSM .47IN 17.63
IN 6.36

2-4770 Chickasawhay River at Enterprise, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	27	25	94	149	479	764	785	5,080	266	704	213	85
2	28	30	84	158	450	3,260	710	3,670	316	365	180	79
3	28	40	87	199	401	7,410	680	2,130	266	296	328	72
4	28	36	77	268	352	8,780	650	1,400	211	404	277	69
5	25	38	66	316	340	9,200	1,530	1,090	183	370	292	69
6	24	35	62	350	378	6,910	14,800	902	162	256	210	71
7	23	33	58	530	417	5,010	23,100	776	152	198	152	79
8	26	31	73	520	396	3,720	25,600	683	137	169	131	74
9	27	31	85	1,400	338	2,370	16,000	611	128	226	117	77
10	25	34	74	1,660	292	2,330	8,590	542	123	383	105	66
11	25	34	94	1,170	268	2,250	5,590	482	123	596	95	61
12	25	30	190	755	248	1,730	4,110	500	123	590	107	59
13	25	30	210	593	262	1,260	3,860	614	116	391	207	59
14	24	29	431	494	459	1,620	8,070	722	111	324	164	57
15	20	33	509	383	647	6,520	9,060	536	108	270	136	55
16	19	30	348	352	983	8,560	8,430	417	136	218	121	55
17	20	31	227	548	905	8,550	6,130	355	156	177	152	55
18	22	33	186	632	2,080	6,540	4,250	312	128	166	205	189
19	24	33	156	509	2,460	4,570	2,770	290	110	193	310	310
20	22	32	137	396	1,780	3,920	1,660	266	96	150	208	256
21	20	34	136	328	1,090	2,860	1,330	246	92	133	152	161
22	18	43	149	290	797	1,880	1,070	231	85	137	160	107
23	18	120	231	270	653	1,380	952	258	400	127	191	90
24	18	137	290	649	560	1,170	1,100	258	314	150	456	75
25	18	99	250	2,030	1,020	1,070	1,810	256	233	314	339	67
26	28	71	226	2,190	1,690	1,310	7,680	246	277	355	210	63
27	27	56	206	1,480	1,800	1,800	10,800	213	226	246	213	63
28	27	55	188	926	1,130	1,690	11,300	198	213	240	177	63
29	25	122	172	638	920	1,410	11,700	208	229	218	126	71
30	22	96	150	506	-----	1,010	8,370	190	434	226	106	121
31	22	-----	142	473	-----	860	-----	235	-----	196	93	-----
TOTAL	730	1,481	5,388	21,232	23,275	111,714	202,487	23,917	5,654	8,788	5,935	2,778
MEAN	23.5	49.4	174	685	803	3,604	6,750	772	188	283	191	92.6
MAX	28	137	509	2,190	2,460	9,200	25,600	5,080	434	704	456	310
MIN	18	25	68	149	248	764	650	190	85	127	95	55
CFSM	.08	.05	.18	.75	.88	3.95	7.39	.85	.21	.31	.21	.10
IN.	.03	.06	.22	.86	.95	4.55	8.25	.97	.23	.36	.24	.11

CAL YR 1964: TOTAL 148,489 MEAN 1,407 MAX 5,480 MIN 18 CFSM .45 IN 6.05
 WAT YR 1964: TOTAL 413,379 MEAN 1,129 MAX 25,600 MIN 18 CFSM 1.24 IN 16.84

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	285	134	1,710	2,560	893	1,740	3,810	368	106	98	178	124
2	235	126	815	2,420	857	3,600	3,110	320	101	111	150	110
3	167	115	605	2,020	809	3,470	2,280	291	95	100	111	85
4	443	108	3,250	1,160	752	2,730	1,790	271	88	105	91	78
5	3,400	107	4,090	926	701	1,980	1,980	250	82	115	80	171
6	3,960	106	3,070	812	758	1,560	1,700	228	85	109	72	145
7	3,430	106	1,550	752	1,110	1,360	1,290	213	174	185	75	106
8	1,400	114	938	707	1,250	1,210	1,130	201	475	1,280	150	92
9	476	121	764	680	1,070	1,090	1,010	189	248	531	303	80
10	336	115	659	1,700	2,240	1,100	928	185	185	403	632	81
11	272	107	4,320	2,880	5,150	1,040	849	174	183	460	419	194
12	235	110	8,500	2,410	9,260	2,070	800	167	250	255	232	163
13	213	110	9,250	1,510	11,600	4,410	839	156	398	174	153	315
14	196	114	7,860	1,060	12,300	4,090	746	147	1,210	155	138	269
15	203	115	5,720	947	8,560	3,270	651	140	901	167	134	194
16	206	108	3,730	980	5,180	1,960	593	132	676	275	96	144
17	193	114	2,110	944	4,900	1,560	534	124	414	255	88	106
18	178	116	1,610	815	5,360	1,880	491	121	268	149	80	88
19	164	149	1,340	722	4,870	1,860	474	116	203	125	103	80
20	149	357	1,220	671	4,040	1,410	480	111	167	135	246	88
21	137	439	1,280	638	2,820	1,150	422	111	146	99	185	94
22	121	114	1,240	638	1,800	1,030	397	128	87	239	100	100
23	121	244	1,110	4,090	1,600	997	368	123	118	89	235	100
24	121	703	1,010	6,190	1,520	1,010	344	124	112	94	298	152
25	119	2,150	941	6,340	2,110	984	334	116	111	98	178	358
26	118	1,630	887	5,670	2,050	1,160	349	110	106	184	130	267
27	118	974	797	4,070	1,650	1,650	794	107	111	334	116	204
28	131	1,650	692	2,570	1,350	1,810	829	127	153	282	120	136
29	162	2,710	620	1,360	-----	1,800	648	142	124	232	185	112
30	142	2,380	599	1,120	-----	3,190	449	132	104	218	258	106
31	142	-----	1,630	986	-----	4,050	-----	114	-----	183	179	-----
TOTAL	17,583	15,746	73,917	60,390	96,490	62,221	30,418	5,224	7,522	7,107	5,654	4,362
MEAN	567	525	2,384	1,948	3,453	2,007	1,014	169	251	229	182	145
MAX	3,960	2,710	9,250	6,340	12,300	4,410	3,810	368	1,210	1,280	632	358
MIN	118	106	599	638	701	984	334	107	82	87	72	80
CFSM	.62	.57	2.61	2.13	3.78	2.20	1.11	.18	.27	.25	.20	.16
IN.	.72	.64	3.01	2.46	3.94	2.53	1.24	.21	.31	.29	.23	.19

CAL YR 1964: TOTAL 513,026 MEAN 1,402 MAX 25,600 MIN 55 CFSM 1.54 IN 20.90
 WAT YR 1965: TOTAL 386,834 MEAN 1,060 MAX 12,300 MIN 72 CFSM 1.16 IN 15.76

2-4785 Chickasawhay River at Leakesville, Miss

Location --Lat 31°08', long 88°33', in SW $\frac{1}{4}$ sec 12, T 2 N, R 6 W, St Stephens meridian, on left bank at downstream side of 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

Records available --September 1938 to September 1965

Gage --Water-stage recorder Datum of gage is 51.13 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) Prior to Oct 19, 1939, wire-weight gage at same site and datum

Average discharge --27 years, 3,691 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 28, 1961	73,800	33 52	Oct 30, 1960	463	8 27
1962	Dec 24, 1961	40,500	29 88	Sept 30, 1962	367	7 64
1963	Jan 23, 1963	9,890	19 92	Sept 29, 1963	211	6 99
1964	Apr 13, 1964	43,200	30 24	Oct 30, 31, 1963	160	6 74
1965	Feb 21, 1965	21,400	26 05	June 8, 1965	474	a 8 17

a Occurred Nov 19, 1964

1938-65 Maximum discharge, 73,600 cfs Feb 28, 1961 (gage height, 33 52 ft), minimum, 160 cfs Oct 30, 31, 1963

Maximum stage known, 38 ft in April 1900, flood in July 1916, reached a stage of 31 $\frac{1}{2}$ ft, from information by local residents Flood of April 12, 1938, reached a stage of 34 12 ft (discharge, 68,800 cfs), from information by Corps of Engineers

Remarks --Records good

Revisions (water years) --WSP 1504 1938-39

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	900	5,230	875	2,840	3,300	64,700	23,800	3,190	1,310	8,840	2,310	1,180
2	754	5,740	814	4,850	2,770	53,700	29,200	2,950	1,220	8,580	2,050	1,250
3	660	4,610	778	5,220	2,530	43,700	36,900	2,740	1,150	7,460	1,800	1,400
4	603	3,280	750	4,730	2,450	36,300	36,800	2,570	1,100	4,680	1,620	1,400
5	580	2,300	738	3,910	2,480	31,000	35,900	2,430	1,050	3,980	1,670	1,360
6	712	1,690	730	2,950	2,750	26,700	35,900	2,310	1,010	3,920	2,010	1,250
7	940	1,340	723	2,290	3,000	23,000	35,500	2,200	988	3,360	2,070	1,270
8	2,280	1,140	709	2,270	2,900	18,800	33,100	2,090	984	2,860	2,360	1,150
9	3,360	1,020	706	2,500	2,710	17,600	29,800	2,180	1,020	2,850	2,440	1,060
10	2,440	932	709	2,490	2,580	17,200	26,600	2,260	996	2,940	2,600	1,150
11	2,010	875	738	2,470	2,410	16,000	22,800	2,140	1,240	2,970	2,510	1,330
12	1,700	834	766	2,360	2,230	14,000	18,100	2,160	1,080	2,950	2,340	1,330
13	1,330	802	875	2,140	2,050	11,800	14,000	2,120	1,020	3,310	1,860	1,210
14	1,060	778	1,040	2,090	1,900	9,980	12,200	1,990	1,310	3,980	1,720	2,130
15	900	778	1,190	2,250	1,800	8,970	11,300	1,860	1,780	4,780	1,820	3,740
16	786	778	1,440	2,340	1,720	8,040	9,890	1,850	1,670	5,740	2,670	3,090
17	716	762	1,620	2,370	1,940	8,380	8,200	1,900	1,580	6,210	3,740	2,360
18	667	758	1,620	2,250	11,400	12,700	6,740	1,990	1,500	6,410	2,870	1,760
19	626	766	1,500	2,030	18,600	16,200	5,680	2,030	1,640	6,480	2,200	1,450
20	593	774	1,400	1,880	22,200	17,500	5,000	1,860	3,560	6,500	1,840	1,220
21	571	762	1,370	1,820	23,900	17,600	4,540	1,640	6,450	6,570	1,730	1,090
22	552	750	1,500	1,800	32,700	16,900	4,200	1,540	7,340	5,190	1,540	988
23	536	766	1,770	1,800	38,900	15,600	3,940	1,610	8,360	3,260	1,380	912
24	524	786	2,150	1,840	40,000	14,600	3,710	1,670	8,610	2,890	1,840	864
25	509	830	2,190	2,880	43,700	13,800	3,490	1,720	9,030	3,000	2,140	819
26	500	975	1,890	5,110	53,600	12,800	3,550	1,720	9,450	3,360	1,600	790
27	486	1,060	1,600	6,230	67,700	11,000	4,720	1,760	8,420	3,850	1,540	815
28	480	1,040	1,440	7,000	72,600	9,330	5,690	1,670	8,080	3,870	1,800	794
29	471	998	1,350	6,840	-----	12,600	4,110	1,620	8,540	4,110	1,780	734
30	600	932	1,440	5,660	-----	16,300	3,460	1,540	8,880	3,380	1,630	696
31	2,300	-----	1,760	4,400	-----	19,700	-----	1,440	-----	2,630	1,340	-----
TOTAL	31,146	44,086	38,181	101,610	466,820	616,500	476,820	62,750	110,368	140,910	63,020	40,592
MEAN	1,005	1,470	1,232	3,278	16,670	19,890	15,890	2,024	3,679	4,545	2,033	1,353
MAX	3,360	5,740	2,190	72,600	72,600	64,700	36,800	3,190	9,450	8,840	3,740	3,740
MIN	471	750	706	1,800	1,720	8,040	3,460	1,440	984	2,630	1,340	696
CFSM	.37	.55	.46	1.22	6.22	7.42	5.93	.76	1.37	1.70	.76	.50
IN.	.43	.61	.53	1.41	6.48	8.56	6.62	.87	1.53	1.96	.87	.56

CAL YR 1960: TOTAL 1,246,624 MEAN 3,406 MAX 17,000 MIN 457 CFSM 1.27 IN 17.30
WAT YR 1961: TOTAL 2,192,803 MEAN 6,008 MAX 72,600 MIN 471 CFSM 2.24 IN 30.43

2-4785 Chickasawhay River at Leakesville, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	676	501	2,790	7,870	13,700	10,300	9,410	18,200	1,030	998	876	459
2	734	510	2,260	7,650	12,800	10,900	10,800	17,800	1,560	990	1,030	472
3	1,520	522	2,060	7,400	12,400	9,760	11,600	16,100	1,860	1,010	948	444
4	1,710	578	1,920	7,220	11,800	8,250	11,600	13,600	1,750	910	884	431
5	1,160	630	1,830	7,320	9,770	7,240	11,600	10,700	1,690	834	849	423
6	1,000	737	1,830	9,120	7,160	6,430	13,100	6,440	1,480	786	918	416
7	952	960	1,810	9,600	5,700	5,800	16,100	4,040	1,500	764	830	423
8	893	1,030	1,810	9,760	5,090	5,160	17,100	3,260	1,420	701	764	431
9	845	1,040	2,090	10,000	4,760	4,580	16,400	2,860	1,600	680	677	449
10	801	968	12,100	10,200	4,510	4,200	14,300	2,570	1,660	677	628	459
11	754	849	18,000	10,600	4,290	4,040	11,800	2,330	1,810	644	590	483
12	703	772	20,000	11,200	4,070	4,250	10,800	2,130	3,100	596	536	566
13	649	765	21,800	11,900	3,860	4,640	9,830	1,980	3,960	578	497	519
14	639	2,290	20,900	12,400	3,660	4,370	8,440	1,870	3,180	566	470	491
15	620	2,940	20,500	12,300	3,500	4,400	8,710	1,760	2,390	569	480	563
16	604	3,320	20,800	11,300	3,530	4,730	9,260	1,690	1,750	596	566	467
17	582	3,280	21,000	9,940	3,660	4,460	9,650	1,240	1,420	660	660	464
18	569	5,650	23,200	9,720	4,390	4,100	10,100	1,610	1,200	628	721	454
19	556	5,550	28,800	10,100	4,650	3,740	10,500	1,580	1,140	618	575	459
20	541	5,260	33,800	11,300	4,620	3,420	10,400	1,440	1,100	615	500	494
21	541	4,080	36,300	12,900	4,150	3,180	8,020	1,320	986	587	486	462
22	532	2,610	37,200	14,000	3,840	2,940	11,400	1,240	933	536	486	422
23	529	2,740	38,600	15,800	5,010	2,960	3,590	1,150	903	508	483	409
24	522	4,320	40,100	17,000	6,570	2,890	3,170	1,110	895	508	488	394
25	516	4,770	39,500	17,600	8,080	3,480	2,900	1,050	1,060	522	464	392
26	510	5,400	36,000	18,100	9,520	3,940	2,970	1,010	1,100	533	444	385
27	507	5,770	31,400	19,100	10,500	3,990	3,900	971	960	602	441	380
28	501	5,970	26,600	19,700	10,600	3,750	5,800	933	948	660	433	378
29	498	5,820	21,200	19,000	-----	3,390	13,400	895	1,030	718	444	376
30	498	4,300	13,900	17,400	-----	3,090	17,000	903	1,050	638	451	371
31	498	-----	8,690	15,300	-----	4,820	-----	933	-----	757	446	-----
TOTAL	22,183	85,932	588,790	383,200	186,540	153,290	296,910	125,115	46,465	20,989	19,065	13,342
MEAN	716	2,864	18,990	12,360	6,662	4,945	9,897	4,036	1,549	677	615	445
MAX	1,710	5,970	40,100	19,700	13,700	10,900	17,100	18,200	3,960	1,010	1,030	566
MIN	498	501	1,810	7,220	3,500	2,890	2,900	895	895	508	433	371
CFSM	2.27	1.07	7.09	4.61	3.47	1.85	3.59	1.25	1.25	1.25	1.25	1.25
IN.	.31	1.19	8.17	5.32	2.59	2.13	4.12	1.74	.64	.29	.26	.19

CAL YR 1961: TOTAL 2,776,295 MEAN 7,606 MAX 72,600 MIN 498 CFSM 2.84 IN 38.53
WAT YR 1962: TOTAL 1,941,821 MEAN 5,320 MAX 46,100 MIN 371 CFSM 1.99 IN 26.95

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	381	463	692	1,600	2,760	2,990	1,660	948	526	634	735	576
2	454	457	663	1,550	3,480	2,590	1,570	900	499	579	724	520
3	586	454	649	1,400	4,270	2,480	1,490	829	520	930	555	435
4	620	449	631	1,180	3,310	1,420	1,490	540	540	540	540	394
5	559	440	617	1,040	6,460	4,260	1,370	806	435	552	454	334
6	520	443	596	944	6,610	5,710	1,340	742	401	523	511	295
7	469	466	596	900	5,750	8,350	1,360	678	375	478	549	278
8	440	517	642	940	4,920	9,050	1,380	627	360	466	481	263
9	460	517	685	864	3,670	8,380	1,320	593	352	449	410	254
10	520	487	685	840	3,000	6,420	1,270	562	349	440	404	245
11	732	490	660	840	2,680	4,820	1,260	533	344	454	386	234
12	1,060	542	651	940	2,760	4,020	1,220	511	334	418	352	232
13	1,000	569	620	1,360	2,720	3,730	1,190	496	329	378	324	236
14	840	576	600	1,810	2,470	4,010	1,180	475	326	362	307	234
15	732	566	586	2,090	2,300	4,840	1,150	460	324	370	326	245
16	670	552	586	2,070	2,140	6,230	1,120	446	319	370	401	256
17	610	533	596	1,730	2,020	7,160	1,110	429	309	386	478	312
18	692	514	606	1,580	1,920	6,950	1,070	418	307	449	589	326
19	794	505	617	2,850	2,460	5,530	988	430	304	481	688	309
20	703	572	620	5,620	3,760	3,960	920	401	386	617	638	292
21	660	794	620	8,590	4,160	3,220	872	396	832	600	526	271
22	617	1,160	656	9,710	4,430	3,240	836	415	1,030	631	490	256
23	656	1,700	688	9,830	4,390	3,230	860	463	960	728	446	241
24	703	1,700	724	9,310	3,980	2,920	1,060	421	1,020	660	404	234
25	703	1,480	739	8,700	3,970	2,530	1,140	396	1,150	569	424	224
26	649	1,200	768	7,810	3,900	2,310	1,090	383	1,250	496	415	217
27	579	1,020	868	5,330	3,700	2,210	972	365	1,190	454	362	213
28	536	880	980	3,380	3,390	2,120	892	362	1,000	410	326	213
29	514	791	1,170	2,830	-----	2,000	892	539	840	381	319	213
30	493	728	1,420	2,620	-----	1,910	932	753	699	381	319	213
31	475	-----	1,550	2,560	-----	1,790	-----	642	-----	407	404	-----
TOTAL	19,427	21,565	22,761	102,758	103,450	132,270	34,944	17,229	17,560	15,190	14,207	8,565
MEAN	627	719	734	3,315	3,695	4,267	1,165	556	585	490	458	286
MAX	1,060	1,700	1,950	9,830	6,610	9,050	1,660	948	1,250	728	735	576
MIN	381	440	586	840	1,920	1,790	836	362	304	362	307	213
CFSM	.23	.27	.27	1.24	1.38	1.59	.43	.21	.22	.18	.17	.11
IN.	.27	.30	.32	1.43	1.44	1.84	.48	.24	.24	.21	.20	.12

CAL YR 1962: TOTAL 1,308,669 MEAN 3,585 MAX 19,700 MIN 371 CFSM 1.34 IN 18.16
WAT YR 1963: TOTAL 509,955 MEAN 1,397 MAX 9,830 MIN 213 CFSM .52 IN 7.08

2-4785 Chickasawhay River at Leakesville, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	213	168	368	673	2,190	3,400	3,510	18,500	1,200	2,340	1,010	596
2	213	176	368	648	2,030	4,600	3,080	19,200	1,400	2,020	1,240	552
3	211	186	395	652	2,120	9,440	2,830	20,400	1,670	2,450	1,140	508
4	209	188	417	727	2,030	11,700	2,660	21,000	1,580	2,580	1,160	471
5	207	192	417	915	1,880	12,500	2,560	20,600	1,450	2,520	1,270	468
6	200	196	409	1,370	1,760	12,700	2,560	18,800	1,340	2,290	1,380	465
7	196	202	395	1,800	1,680	12,400	4,010	13,200	1,220	1,930	1,340	442
8	192	207	382	2,190	1,640	12,200	7,910	6,450	1,120	1,550	1,210	413
9	190	211	363	2,650	1,620	12,200	11,200	4,260	1,020	1,280	1,050	397
10	188	213	347	3,040	1,570	12,500	14,600	3,630	998	1,140	980	386
11	186	213	342	3,520	1,470	12,300	21,300	3,250	932	1,280	895	381
12	182	213	368	3,800	1,360	10,200	35,900	3,120	908	1,370	802	373
13	178	211	541	3,510	1,260	6,640	42,500	3,950	838	1,610	770	363
14	178	209	1,070	2,860	1,220	5,240	40,400	3,480	790	1,810	904	358
15	176	209	1,460	2,360	1,520	7,350	36,000	3,120	754	1,840	975	342
16	174	211	1,580	1,900	2,060	12,200	30,900	3,040	712	1,610	1,050	338
17	178	215	1,590	1,790	2,520	14,900	28,600	2,840	681	1,340	1,020	335
18	172	223	1,390	2,260	3,340	15,800	22,600	2,480	660	1,170	1,190	332
19	172	223	1,160	2,740	4,990	15,700	19,200	2,200	684	1,030	1,050	335
20	170	225	966	2,570	6,470	15,500	17,000	2,000	720	932	842	338
21	168	225	842	2,440	6,630	15,600	15,600	1,860	664	850	766	376
22	166	232	761	2,130	5,820	15,600	13,500	1,720	633	875	786	698
23	166	305	738	1,800	4,570	15,300	8,400	1,630	646	965	875	738
24	166	293	723	1,620	3,470	13,900	5,090	1,580	650	980	895	643
25	168	270	761	1,580	3,020	9,320	4,200	1,520	782	1,600	798	549
26	168	286	787	2,810	3,240	5,510	4,270	1,480	955	1,300	758	468
27	168	327	822	4,840	3,940	4,480	9,720	1,410	1,200	950	890	419
28	168	387	818	5,100	4,470	4,220	14,000	1,350	1,210	1,070	900	389
29	164	395	772	4,570	4,640	4,390	16,000	1,290	1,600	1,210	782	394
30	162	379	716	3,610	-----	4,430	17,500	1,200	2,070	1,310	695	474
31	164	-----	680	2,490	-----	4,090	-----	1,190	-----	1,180	650	-----
TOTAL	5,613	7,190	22,748	75,105	84,530	316,310	455,600	191,750	31,087	46,382	30,073	13,339
MEAN	181	240	734	2,423	2,915	10,200	15,190	6,185	1,036	1,496	970	445
MAX	213	395	1,590	5,100	6,630	15,800	42,500	21,000	2,070	2,580	1,380	738
MIN	162	162	342	648	1,220	3,400	2,560	1,190	633	850	650	332
CFSM	-.07	-.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09
IN.	-.08	-.10	-.32	1.04	1.17	4.39	6.32	2.66	.43	-.64	-.42	-.19

CAL YR 1963: TOTAL 481,733

MEAN 1,320

MAX 9,830

MIN 162

CFSM 1.49

IN 6.68

WAT YR 1964: TOTAL 1,279,727

MEAN 3,497

MAX 42,500

MIN 162

CFSM 1.30

IN 17.76

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	571	593	5,650	2,510	7,380	6,980	5,040	2,320	580	678	1,800	770
2	583	606	5,550	2,640	5,500	9,840	6,050	1,890	571	681	1,240	855
3	730	589	4,860	3,750	4,070	11,600	6,680	1,520	549	650	950	980
4	904	586	3,880	4,490	3,670	12,300	6,810	1,330	521	616	826	912
5	1,520	593	3,650	4,760	3,370	12,200	6,090	1,210	500	577	730	895
6	3,650	569	5,190	4,390	3,210	11,100	4,600	1,130	488	664	660	990
7	5,740	552	6,290	3,580	3,750	9,560	3,950	1,040	483	590	610	932
8	6,540	546	6,500	2,960	4,750	7,510	3,860	994	491	660	626	890
9	6,130	533	5,880	2,660	5,050	6,110	3,360	945	766	1,000	778	830
10	5,130	526	4,630	2,750	4,780	5,130	2,950	900	1,040	1,220	1,080	806
11	3,130	523	4,280	3,140	4,410	4,600	2,720	860	1,180	1,620	1,440	940
12	1,840	523	7,970	3,290	5,610	5,130	2,540	822	1,040	1,600	1,460	912
13	1,430	523	10,600	4,110	9,220	5,700	2,380	802	904	1,380	1,500	802
14	1,220	520	11,600	4,490	11,000	7,520	2,410	770	818	1,200	1,410	774
15	1,300	520	12,100	4,040	11,700	9,010	2,610	742	1,010	1,090	1,280	774
16	1,360	520	12,400	3,230	12,100	9,350	2,500	723	1,600	1,300	1,280	730
17	1,260	520	12,500	2,860	13,400	9,140	2,190	702	2,150	1,040	1,120	726
18	1,120	517	13,000	2,740	16,600	8,750	1,970	674	1,940	814	1,090	667
19	1,060	523	13,500	2,670	18,900	8,050	1,800	667	1,760	794	1,300	616
20	1,000	624	13,000	2,540	20,600	7,350	2,170	636	1,570	778	1,450	577
21	916	732	9,240	2,360	21,300	6,360	2,170	626	1,220	742	1,500	561
22	856	908	5,890	2,250	20,200	5,360	1,920	636	985	702	1,460	561
23	775	1,080	6,050	2,050	18,200	4,400	1,760	670	798	738	1,930	561
24	728	1,200	4,990	13,600	14,900	3,860	1,620	667	723	692	2,070	606
25	692	1,610	4,660	16,300	10,300	3,610	1,490	646	670	636	1,590	596
26	656	2,210	4,640	17,200	7,820	3,520	1,480	633	742	633	1,260	555
27	620	3,680	3,600	16,900	3,670	3,670	1,460	613	928	636	1,050	533
28	610	4,680	3,420	15,900	6,990	3,960	1,990	616	746	758	940	561
29	589	5,060	3,090	14,600	-----	3,980	2,600	613	678	998	945	629
30	579	5,270	2,830	13,700	-----	4,310	2,700	583	681	1,700	842	1,020
31	572	-----	2,630	11,900	-----	4,580	-----	580	-----	2,450	770	-----
TOTAL	53,791	37,426	212,950	198,360	276,250	214,560	91,990	27,560	28,102	29,637	36,967	22,521
MEAN	1,735	1,241	6,740	6,099	7,966	6,471	1,468	889	937	966	1,192	733
MAX	6,540	5,270	13,500	17,200	21,300	12,300	6,810	2,320	2,150	2,450	2,070	1,020
MIN	571	517	2,630	2,250	3,210	3,520	1,480	580	483	577	610	533
CFSM	-.65	-.47	2.56	2.39	3.68	2.58	1.14	-.33	-.35	-.36	-.44	-.28
IN.	-.75	-.52	2.96	2.75	3.83	2.98	1.28	-.38	-.39	-.41	-.51	-.31

CAL YR 1964: TOTAL 1,230,343

MEAN 3,378

MAX 21,300

MIN 333

CFSM 1.28

IN 21.67

2-4790 Pascagoula River at Merrill, Miss

Location --Lat 30°58'40", long 88°43'85", in SW 1/4 sec 18, T 1 S, R 7 W, St Stephens meridian, near right bank on downstream side of bridge on highway between Merrill and Avent, half a mile downstream from confluence of Leaf and Chickasawhay Rivers, and half a mile west of Merrill

Drainage area --8,600 sq mi, approximately

Records available --October 1930 to September 1965 Monthly discharge only for October and November 1930, published in WSP 1304 Gage-height records collected in same vicinity since 1904 are contained in reports of U S Weather Bureau

Gage --Water-stage recorder Datum of gage is 26 25 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 Prior to Dec 6, 1934, staff gage at same site and datum

Average discharge --35 years, 9,529 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Date	Maximum		Gage height (feet)	Date	Minimum		Gage height (feet)
		Discharge (cfs)				Discharge (cfs)		
1961	Feb 27, 1961	178,000		30 66	Oct 30, 1960	1,510		3 60
1962	Dec 22, 1961	90,000		25 76	Sept 30, 1962	1,270		2 98
1963	Jan 24, 1963	22,600		17 09	Sept 28, 1963	850		2 19
1964	Apr 14, 1964	86,000		24 80	Oct 21-26, 1963	707		1 92
1965	Feb 21, 1965	50,800		23 00	June 6, 1965	1,600		a 3 36

a Occurred Nov 15, 1964

1930-65 Maximum discharge, 178,000 cfs Feb 27, 1961 (gage height, 30 66 ft), minimum, 696 cfs Nov 3, 1936, minimum gage height, 1 92 ft Oct 21-26, 1963

Maximum stage known, 32 5 ft in April 1900 (from information by U S Weather Bureau) Flood of July 9, 1916, reached a stage of 31 0 ft, (from reports of U S Weather Bureau)

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,980	12,800	2,350	7,540	12,500	152,000	63,200	7,830	3,690	22,300	6,200	4,460
2	2,550	15,200	2,230	11,200	10,000	124,000	72,700	7,230	3,470	21,400	5,360	5,670
3	2,230	12,200	2,160	12,600	8,420	95,600	83,900	6,720	3,240	19,400	4,900	5,140
4	2,020	8,970	2,080	11,700	7,580	75,300	97,000	6,210	3,010	16,600	4,580	4,810
5	1,910	6,670	2,080	10,400	7,540	61,400	95,700	5,810	2,910	11,700	4,710	4,440
6	2,010	5,250	2,090	8,880	7,780	50,000	85,600	5,400	2,790	10,200	5,150	4,030
7	3,120	4,170	2,040	7,110	8,780	44,900	75,400	5,120	2,680	9,370	5,130	3,820
8	3,640	3,420	1,980	7,550	8,980	41,700	67,100	4,880	2,580	7,860	6,350	3,980
9	5,120	2,990	2,010	11,200	8,360	41,000	58,600	5,970	2,560	6,920	6,180	3,810
10	5,690	2,750	2,010	11,500	7,600	39,800	50,800	6,380	2,590	6,940	5,880	3,560
11	4,880	2,550	2,070	9,330	6,970	38,500	45,000	5,480	2,860	7,790	5,840	3,980
12	4,260	2,450	2,150	7,750	6,410	35,400	43,300	5,000	3,250	8,060	5,530	4,590
13	3,610	2,370	2,380	6,870	5,890	31,000	39,400	4,750	2,940	8,350	4,970	4,440
14	2,960	2,320	2,680	6,670	5,380	27,200	34,600	4,570	3,050	10,700	4,490	7,960
15	2,550	2,270	3,020	7,890	5,020	23,700	31,000	4,350	3,490	11,900	5,300	16,500
16	2,310	2,200	3,550	8,560	4,760	20,100	27,600	4,270	3,870	13,800	6,660	17,400
17	2,130	2,190	4,040	7,790	4,770	22,300	24,300	4,260	3,950	14,400	7,820	12,000
18	1,980	2,180	4,140	7,050	18,300	31,700	20,700	4,150	4,000	14,200	8,320	7,510
19	1,880	2,190	3,920	6,300	36,800	40,000	17,000	4,160	4,240	13,200	6,650	5,680
20	1,790	2,260	3,650	5,650	54,500	44,600	13,800	4,080	8,740	12,200	5,270	4,920
21	1,720	2,270	3,660	5,310	66,100	47,300	11,900	3,820	15,100	11,900	5,230	4,220
22	1,660	2,200	3,900	5,080	85,000	48,300	10,700	3,560	16,400	11,600	4,940	3,640
23	1,640	2,230	4,190	4,910	100,000	46,800	9,920	3,460	17,000	10,100	4,370	3,300
24	1,620	2,270	4,530	4,850	113,000	43,600	9,360	3,340	17,800	8,070	3,900	3,080
25	1,580	2,360	4,740	7,920	136,000	38,900	8,880	3,910	18,800	7,290	4,970	2,910
26	1,540	2,510	4,590	14,400	163,000	33,200	8,570	4,260	19,200	7,030	4,740	2,790
27	1,530	2,670	4,110	18,000	176,000	28,600	10,700	5,270	19,400	7,720	3,980	2,900
28	1,520	2,730	3,700	19,400	171,000	26,700	15,800	4,900	19,800	8,940	3,910	2,810
29	1,540	2,610	3,420	19,900	-----	31,000	14,200	4,570	20,500	9,100	4,220	2,580
30	1,640	2,480	3,530	18,700	-----	40,100	9,600	4,240	21,600	8,700	5,040	2,450
31	6,640	-----	4,420	15,800	-----	50,800	-----	3,950	-----	7,300	4,740	-----
TOTAL	82,250	121,730	97,420	307,810	1,246,440	1,475,320	1,156,320	152,100	255,210	345,040	165,280	152,880
MEAN	2,633	4,058	3,143	9,929	44,520	47,600	38,540	4,906	8,217	11,130	5,341	5,319
MAX	6,640	15,200	4,740	19,900	176,000	152,000	97,000	7,830	21,600	22,300	8,320	17,400
MIN	1,520	2,180	1,980	4,850	4,760	20,100	8,570	3,460	2,560	6,920	3,900	2,450
CFSM	.40	.61	.48	1.50	6.74	7.21	5.84	.74	1.29	1.69	.81	.81
IN.	.46	.69	.55	1.73	7.02	8.31	6.52	.86	1.44	1.94	.93	.90

CAL YR 1960: TOTAL 3,090,380 MEAN 8,444 MAX 43,600 MIN 1,520 CFSM 1.28 IN 17.41
WAT YR 1961: TOTAL 5,565,290 MEAN 15,250 MAX 176,000 MIN 1,520 CFSM 2.31 IN 31.36

M Expressed in thousands

PASCAGOULA RIVER BASIN

2-4790 Pascagoula River at Merrill, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,380	1,700	11,000	23,700	37,900	20,300	19,300	36,300	4,480	4,460	2,590	1,560
2	2,630	1,710	8,250	20,800	33,900	21,400	22,500	48,800	4,250	2,820	1,570	1,580
3	3,780	1,730	6,720	18,800	30,300	22,300	24,300	55,100	7,660	4,020	3,170	1,580
4	6,310	1,990	6,010	17,600	27,200	21,300	25,800	50,300	7,640	3,380	4,460	1,580
5	5,280	2,680	5,600	17,500	24,600	19,100	26,800	42,900	7,410	2,940	5,400	1,510
6	3,920	3,050	5,520	21,000	22,400	16,600	29,500	33,600	6,310	2,670	5,510	1,460
7	3,290	3,900	5,420	24,400	19,700	14,600	25,000	23,500	5,680	2,710	4,710	1,560
8	3,020	3,360	5,270	26,600	15,800	12,900	36,800	13,800	6,210	2,550	3,650	1,660
9	2,980	3,080	5,560	28,800	13,600	11,600	35,700	9,060	6,710	2,260	2,960	1,850
10	2,860	2,880	20,400	31,300	13,000	10,400	33,200	7,640	6,560	2,140	2,510	1,820
11	2,800	2,640	45,100	34,600	12,100	9,700	29,400	6,990	6,650	2,090	2,230	1,700
12	2,700	2,420	57,800	37,200	12,700	9,600	25,000	6,400	8,390	2,010	2,040	1,760
13	2,470	2,490	61,300	37,400	10,400	9,610	23,100	5,900	8,560	1,970	1,920	2,020
14	2,270	13,300	58,600	34,500	9,840	9,600	21,600	5,500	8,070	2,300	1,910	1,850
15	2,140	21,100	57,300	29,900	9,500	10,000	20,700	5,300	7,900	2,890	1,910	1,840
16	2,040	20,100	59,600	27,100	10,100	11,500	20,300	5,100	6,740	2,680	1,980	1,920
17	1,990	21,500	61,200	26,600	10,200	11,400	20,100	4,900	5,370	2,360	2,470	1,810
18	1,930	23,300	66,800	26,600	11,100	10,400	19,200	4,700	4,420	2,240	2,610	2,130
19	1,890	24,700	74,600	26,900	12,900	9,400	17,600	4,500	3,730	2,200	2,490	2,010
20	1,840	25,400	79,200	28,500	13,000	8,660	16,300	4,300	3,470	2,490	2,210	1,870
21	1,800	24,000	85,800	30,600	11,900	8,110	15,000	4,100	3,250	2,360	2,000	1,770
22	1,770	18,100	89,500	33,900	11,500	7,640	12,700	3,900	3,220	2,060	2,110	1,630
23	1,750	13,500	88,000	38,200	12,100	7,340	9,200	3,700	3,570	1,860	1,990	1,530
24	1,740	16,400	83,400	42,400	14,400	7,160	7,730	3,500	3,540	1,800	1,840	1,460
25	1,730	17,700	77,400	44,400	16,800	8,480	7,160	3,300	3,340	1,790	1,780	1,420
26	1,710	18,600	69,200	44,200	19,000	11,100	7,010	3,100	3,490	1,780	1,740	1,400
27	1,700	19,100	59,600	43,000	20,500	10,600	7,430	3,000	3,290	2,080	1,730	1,380
28	1,690	18,600	47,600	43,400	20,700	9,300	9,990	2,900	3,240	2,610	1,710	1,360
29	1,670	17,000	39,400	43,800	-----	8,360	20,900	2,810	4,490	2,730	1,670	1,330
30	1,680	14,200	32,900	43,600	-----	7,730	28,300	2,830	5,500	3,110	1,650	1,290
31	1,690	-----	27,500	41,500	-----	11,300	-----	3,300	-----	2,810	1,610	-----
TOTAL	77,450	359,620	1,401,644	988,800	475,640	367,490	628,120	410,940	165,890	73,600	72,380	47,630
MEAN	2,498	11,990	45,210	31,900	16,990	11,850	20,940	13,260	5,258	2,358	2,258	1,470
MAX	6,310	25,400	89,500	44,400	37,900	22,300	36,800	55,100	8,560	4,460	5,510	2,130
MIN	1,470	1,700	5,270	17,500	9,500	7,160	7,010	2,810	3,220	1,780	1,610	1,290
CF5M	.38	1.82	6.85	4.83	2.57	1.80	3.17	2.01	.84	.39	.39	.25
IN.	.44	2.03	7.90	5.57	2.68	2.07	3.54	2.32	.93	.45	.45	.28

CAL YR 1961: TOTAL 7,102,510
WAT YR 1962: TOTAL 3,086,020MEAN 19,460
MEAN 13,930MAX 176,000
MAX 89,500MIN 1,670
MIN 1,290CF5M 2.95
CF5M 2.11IN 40.02
IN 28.65

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,360	1,510	2,030	5,400	6,810	8,760	4,340	2,340	1,550	2,330	1,560	1,790
2	1,720	1,480	1,970	4,860	7,740	7,640	4,100	2,270	1,430	1,940	1,870	2,030
3	1,960	1,460	1,920	4,280	9,510	6,920	3,930	2,140	1,350	1,890	1,740	2,230
4	1,990	1,460	1,880	3,740	11,500	7,890	3,780	2,040	1,320	1,830	1,560	1,950
5	1,900	1,450	1,860	3,320	13,600	9,740	3,640	2,000	1,300	1,850	1,410	1,660
6	1,750	1,450	1,810	3,010	14,200	13,100	3,560	1,940	1,240	1,880	1,340	1,400
7	1,630	1,470	1,790	2,810	13,000	17,800	3,570	1,860	1,160	1,820	1,340	1,210
8	1,640	1,530	1,860	2,680	11,700	19,700	3,570	1,760	1,130	1,700	1,350	1,160
9	1,780	1,580	1,980	2,610	9,300	19,800	3,520	1,680	1,110	1,640	1,310	1,160
10	1,840	1,570	2,020	2,550	7,930	16,500	3,450	1,600	1,100	1,720	1,240	1,130
11	1,850	1,550	1,960	2,500	6,890	13,800	3,370	1,540	1,100	1,640	1,210	1,060
12	2,030	1,680	1,880	2,870	7,260	11,400	3,270	1,490	1,080	1,580	1,180	990
13	2,300	1,790	1,850	4,360	7,150	9,860	3,150	1,430	1,050	1,500	1,280	970
14	2,260	1,800	1,800	5,690	6,490	8,760	3,090	1,390	1,040	1,410	1,330	1,190
15	2,030	1,790	1,780	5,590	6,010	10,300	3,020	1,350	1,020	1,490	1,140	1,190
16	1,910	1,780	1,780	5,280	5,520	12,700	2,980	1,320	1,010	1,750	1,070	1,360
17	1,800	1,720	1,780	4,730	5,140	14,800	2,880	1,290	1,030	1,650	1,100	1,270
18	1,700	1,640	1,830	4,420	4,880	14,800	2,800	1,320	1,020	1,500	1,170	1,260
19	1,960	1,600	1,860	6,440	6,620	12,900	2,670	1,390	1,040	1,500	1,320	1,210
20	2,180	1,690	1,880	13,200	9,300	10,600	2,570	1,350	1,050	1,540	1,400	1,160
21	2,040	2,460	1,870	19,400	10,800	8,510	2,460	1,330	1,340	1,680	1,400	1,110
22	1,960	2,850	1,970	21,400	11,100	7,600	2,380	1,270	1,180	1,620	1,430	1,050
23	1,960	3,860	2,210	22,300	10,800	7,300	2,320	1,230	2,110	1,460	1,470	997
24	2,130	3,960	2,220	22,600	10,600	6,820	2,350	2,130	2,060	1,660	1,310	956
25	2,220	3,670	2,240	22,300	11,700	6,180	2,520	1,790	2,560	1,720	1,260	915
26	2,080	3,240	2,320	21,100	12,000	5,690	2,580	1,670	2,830	1,670	1,210	882
27	1,920	2,830	2,540	17,900	11,300	5,540	2,530	1,670	2,710	1,490	1,180	856
28	1,770	2,510	2,940	13,100	9,960	5,350	2,380	1,450	2,490	1,410	1,100	850
29	1,670	2,290	3,500	9,390	-----	5,210	2,340	1,500	2,280	1,400	1,120	856
30	1,600	2,140	5,030	7,900	-----	4,950	2,370	1,780	2,220	1,400	1,100	876
31	1,550	-----	5,400	6,860	-----	4,660	-----	1,750	-----	1,440	1,350	-----
TOTAL	58,490	62,810	69,760	274,090	259,410	314,580	91,460	52,050	45,510	51,250	40,850	36,734
MEAN	1,887	2,094	2,250	8,842	9,265	10,150	3,049	1,679	1,517	1,653	1,318	1,224
MAX	2,300	3,960	5,400	22,600	14,200	19,700	4,340	2,340	2,830	2,630	1,870	2,230
MIN	1,360	1,450	1,780	2,500	4,880	4,660	2,320	1,290	1,010	1,400	1,070	850
CF5M	.29	.32	.34	1.34	1.40	1.54	.46	.25	.23	.25	.20	.19
IN.	.33	.35	.39	1.54	1.46	1.77	.52	.29	.26	.29	.23	.21

CAL YR 1962: TOTAL 3,436,460
WAT YR 1963: TOTAL 1,356,994MEAN 9,415
MEAN 3,718MAX 55,100
MAX 22,600MIN 1,290
MIN 850CF5M 1.43
CF5M 1.36IN 19.36
IN 7.65

PASCAGOULA RIVER BASIN

679

2-4790 Pascagoula River at Merrill, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	880	731	1,310	2,100	7,220	12,300	8,620	36,100	3,320	7,400	3,840	1,800
2	880	749	1,310	2,050	6,540	12,500	7,640	39,600	4,470	6,700	4,020	1,710
3	874	755	1,360	2,040	6,460	23,400	6,920	43,400	5,450	5,880	4,660	1,660
4	867	761	1,390	2,240	6,080	29,900	6,500	43,400	4,780	6,470	4,440	1,580
5	841	779	1,360	2,720	5,620	34,000	6,210	38,200	4,170	7,630	4,360	1,520
6	822	797	1,310	3,580	5,290	36,800	6,300	30,800	3,920	7,400	4,080	1,490
7	815	809	1,290	5,850	5,020	38,000	10,600	26,300	3,900	6,500	3,900	1,470
8	803	815	1,260	6,470	4,820	38,000	16,000	21,700	3,220	5,720	4,660	1,470
9	779	822	1,210	7,940	4,650	36,600	21,900	13,800	2,840	5,010	4,940	1,470
10	773	828	1,160	8,860	4,460	32,300	27,500	8,820	2,710	4,800	4,610	1,410
11	773	834	1,150	9,880	4,160	27,200	34,600	7,260	2,630	4,940	3,730	1,330
12	767	822	1,180	11,000	3,860	23,100	48,400	6,530	2,560	4,590	3,210	1,290
13	761	815	1,410	10,700	3,620	19,200	72,400	7,530	2,520	5,570	2,830	1,240
14	761	815	3,180	9,690	3,470	14,400	84,800	8,510	2,340	6,550	2,750	1,200
15	755	809	4,960	8,320	3,500	16,400	80,900	7,150	2,220	5,720	3,080	1,170
16	743	815	5,400	6,750	4,320	25,800	69,400	6,400	2,160	5,380	3,570	1,160
17	737	815	5,190	7,940	5,670	33,000	57,900	5,330	2,320	4,760	3,420	1,160
18	731	822	4,480	7,200	7,600	39,400	49,400	5,440	2,150	3,900	5,210	1,210
19	719	822	3,750	9,440	10,900	44,500	41,900	4,890	2,140	3,320	4,120	1,330
20	713	841	3,190	9,420	15,000	47,600	33,500	4,430	2,320	2,960	3,100	1,640
21	707	860	2,840	8,910	16,600	47,400	27,300	4,110	2,260	2,690	2,590	2,090
22	707	797	2,490	7,690	15,400	45,200	23,200	3,850	2,070	2,470	2,370	2,230
23	707	945	2,600	6,640	13,000	41,400	19,600	3,690	2,060	2,750	2,370	2,180
24	707	1,150	2,600	6,020	10,500	36,300	14,300	3,580	2,330	2,650	2,400	2,060
25	707	1,200	2,650	5,810	9,150	29,900	9,500	3,500	3,110	5,930	2,280	1,860
26	707	1,180	2,700	7,500	9,580	22,700	8,640	3,380	3,680	6,110	2,130	1,660
27	719	1,230	2,620	11,500	12,400	15,600	19,400	3,560	3,560	3,960	2,130	1,530
28	725	1,250	2,490	12,700	12,200	13,200	27,500	3,120	3,980	3,610	2,270	1,440
29	719	1,320	2,360	11,800	12,800	10,600	30,500	2,980	5,160	3,940	2,280	1,370
30	719	1,360	2,200	10,300	-----	10,200	33,300	2,840	7,700	4,430	2,060	1,490
31	725	-----	2,120	8,460	-----	9,540	-----	2,840	-----	4,060	1,890	-----
TOTAL	23,643	27,425	74,720	229,840	228,390	865,940	904,330	403,310	98,050	153,800	103,300	46,220
MEAN	763	914	2,410	7,414	7,376	27,930	30,140	13,010	3,268	4,961	3,332	1,541
MAX	880	1,360	5,400	12,700	16,600	47,600	84,800	43,400	7,700	7,630	5,210	2,230
MIN	707	731	1,150	2,040	3,470	9,540	6,210	2,840	2,060	2,470	1,890	1,160
CFSM	.12	.14	.37	1.12	1.19	4.23	4.57	1.97	.50	.75	.50	.23
IN.	.13	.15	.42	1.30	1.29	4.88	5.10	2.27	.55	.87	.58	.26

CAL YR 1963: TOTAL 1,291,722 MEAN 3,539 MAX 22,600 MIN 707 CFMS .54 IN 7.28
 MAY YR 1964: TOTAL 3,158,968 MEAN 8,631 MAX 84,800 MIN 707 CFMS 1.31 IN 17.80

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,540	2,050	15,900	6,830	23,100	16,400	11,800	6,380	1,880	2,120	5,210	2,390
2	3,880	2,050	15,600	8,500	18,400	15,400	13,200	5,270	1,930	2,060	4,130	2,660
3	3,070	2,040	15,200	9,500	11,500	24,500	14,200	4,460	1,770	2,040	3,300	3,450
4	2,890	2,010	13,800	11,200	9,730	26,100	14,500	3,840	1,710	1,980	2,730	3,450
5	4,970	1,980	11,700	11,800	8,750	25,400	13,400	3,410	1,660	1,930	2,370	3,120
6	9,880	1,950	12,800	11,100	8,200	25,300	11,300	3,110	1,610	1,950	2,140	2,750
7	14,500	1,920	14,800	9,460	9,760	23,200	9,180	2,920	1,680	2,060	2,000	2,830
8	18,000	1,890	15,200	7,930	12,700	20,500	8,350	2,760	1,940	2,100	1,950	2,590
9	19,900	1,870	14,100	6,940	14,100	16,700	7,790	2,640	2,400	2,450	2,340	2,400
10	20,100	1,840	12,300	7,040	13,600	13,500	7,040	2,540	2,730	2,990	2,760	2,780
11	16,700	1,820	12,900	8,350	12,400	11,200	6,420	2,440	2,950	3,480	4,010	5,220
12	10,300	1,810	20,200	8,490	13,700	10,700	5,940	2,360	3,000	3,650	4,250	4,260
13	6,520	1,800	24,200	9,000	19,300	11,300	5,560	2,290	2,730	3,420	3,890	3,480
14	5,040	1,790	26,800	9,600	22,400	13,700	5,290	2,230	2,440	3,160	3,760	2,960
15	5,490	1,780	29,000	9,260	24,700	16,600	5,330	2,160	2,780	2,870	3,650	2,730
16	4,340	1,790	30,400	8,080	26,600	18,100	5,590	2,100	3,400	2,740	3,500	2,540
17	4,070	1,790	31,100	7,030	29,400	18,400	5,450	2,040	4,460	2,860	3,290	2,370
18	3,720	1,780	29,800	6,580	36,400	18,000	4,920	2,000	4,900	2,580	3,030	2,720
19	3,430	1,820	27,800	6,370	44,200	17,500	4,490	1,930	4,620	2,310	3,110	2,070
20	3,220	2,080	25,700	6,110	48,600	17,400	4,910	1,910	4,150	2,200	3,300	2,030
21	3,000	2,490	23,700	5,840	50,700	16,000	4,920	1,880	3,570	2,120	3,560	2,030
22	2,780	2,860	19,900	5,660	49,600	14,000	4,520	1,990	2,980	2,160	5,200	1,950
23	2,630	3,180	15,200	12,400	45,200	11,900	4,200	2,200	2,570	2,880	6,080	1,920
24	2,490	3,360	12,700	24,800	41,100	10,200	4,070	2,230	2,330	2,260	6,160	1,940
25	2,360	4,420	12,300	31,100	30,700	9,260	3,830	2,160	7,310	2,030	5,530	2,000
26	2,280	6,640	12,000	35,600	25,300	8,800	2,220	2,070	2,220	2,050	4,370	1,960
27	2,200	10,100	10,700	39,000	20,900	9,000	3,610	1,980	2,310	2,000	3,550	1,990
28	2,140	11,800	9,200	39,700	17,600	10,800	4,060	1,920	2,410	2,380	3,050	1,990
29	2,120	12,800	8,110	37,200	-----	10,300	7,070	2,060	2,220	3,470	2,870	1,980
30	2,080	14,200	7,430	32,500	-----	10,200	7,350	2,100	2,150	4,520	2,890	2,760
31	2,050	-----	7,120	27,800	-----	10,800	-----	2,000	-----	5,350	2,580	-----
TOTAL	187,690	109,710	537,260	460,420	686,840	487,760	211,940	81,380	79,710	82,170	110,560	78,810
MEAN	6,055	3,657	17,330	14,850	24,530	15,730	7,065	2,625	2,681	2,681	3,566	2,627
MAX	20,100	14,200	31,100	39,700	50,700	26,400	14,500	6,380	4,900	5,350	6,160	5,220
MIN	2,050	1,780	7,120	5,660	8,200	8,800	3,610	1,880	1,610	1,930	1,950	1,920
CFSM	.92	.55	2.63	2.25	3.72	2.38	1.07	.40	.40	.40	.54	.40
IN.	1.06	.62	3.03	2.59	3.87	2.75	1.19	.46	.45	.46	.62	.44

CAL YR 1964: TOTAL 3,867,840 MEAN 10,570 MAX 84,800 MIN 1,160 CFMS 1.60 IN 21.79
 MAY YR 1965: TOTAL 3,114,250 MEAN 8,532 MAX 50,700 MIN 1,610 CFMS 1.29 IN 17.55

PASCAGOULA RIVER BASIN

2-4792 Flint Creek near Wiggins. Miss

Location --Lat 30°50'40", long 89°04'30", in SE 1/4 sec 27, T 2 S, R 11 W, St Stephens meridian, near left bank on downstream side of 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

Records available --Annual maximum, water years 1953-54 August 1957 to September 1965

Gage --Digital water-stage recorder Datum of gage is 132.05 ft above mean sea level (Mississippi State Highway bench mark) Prior to Dec 12, 1962, graphic water-stage recorder at present site and datum

Average discharge --8 years (1957-65), 53 9 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 18, 1961	0800	2,290	15 01	Nov 14, 1961	0900	1,300	13 62	Apr 27, 1964	0730	* 3,670	16 39
Feb 22, 1961	1400	801	12 46	Dec 10, 1961	1500	* 2,120	14 85	Aug 18, 1964	0200	* 3,663	11 95
Mar 17, 1961	1200	* 2,400	15 12	Dec 12, 1961	1800	884	12 70				
Mar 20, 1961	2200	* 1,550	14 07					Dec 11, 1964	1800	* 980	10 94
June 20, 1961	1800	800	12 60	Jan 20, 1963	2300	* 604	11 64	Jan 23, 1965	2600	584	12 04
Sept 14, 1961	1000	666	12 05								

Annual minimum discharge, water years, 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Nov 15, 1960	28	a 3 20	1964	Oct 9, 1963	15	2 82
1962	Sept 30, 1962	22	2 98	1965	Aug 4, 1965	17	2 91
1963	June 1-4, 7, 8, 1963	16	b 2 87				

a Occurred Oct. 2-5, 1960

b Occurred Aug 18, 19, 1963

1953-54, 1957-65 Maximum discharge, 3,670 cfs Apr 27, 1964 (gage height, 16 39 ft)

1957-65. Minimum discharge, 15 cfs Aug 28, 29, 1957, Oct 9, 1963, minimum gage height, 2 82 ft Oct 9, 1963

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	31	52	31	96	42	70	166	58	36	44	31	33
2	30	37	30	50	43	66	108	66	35	44	31	40
3	29	33	31	42	50	61	95	58	35	40	31	62
4	30	32	31	38	43	60	86	52	36	37	37	48
5	51	31	31	36	40	60	81	50	93	35	35	35
6	185	30	31	35	58	163	128	50	44	34	33	33
7	141	29	30	39	64	133	114	48	37	34	33	31
8	52	29	30	140	50	96	81	50	35	38	39	32
9	41	29	30	85	42	74	92	134	35	42	37	63
10	36	30	31	52	40	59	86	65	40	42	33	70
11	34	30	33	43	38	57	75	52	58	54	33	176
12	33	29	32	39	37	57	178	48	42	64	34	177
13	33	29	31	53	36	56	96	46	41	72	38	104
14	32	29	31	70	35	67	80	46	56	46	57	508
15	33	29	38	52	35	58	78	70	55	40	134	139
16	32	29	48	43	35	84	72	70	42	36	48	60
17	31	31	37	38	86	1,280	66	50	38	35	38	49
18	31	33	34	37	1,370	410	62	45	57	35	33	43
19	35	33	38	278	135	64	64	99	33	33	32	40
20	32	31	37	42	191	141	60	63	545	33	31	38
21	31	31	57	38	278	115	58	68	166	59	34	36
22	31	31	41	35	519	88	58	47	65	53	40	36
23	31	35	36	190	78	44	78	50	44	35	38	38
24	31	35	34	49	217	72	56	42	71	66	33	33
25	31	33	35	144	180	67	56	43	109	50	38	33
26	30	32	37	157	90	64	112	65	91	38	45	47
27	31	31	39	131	85	73	127	68	137	33	61	33
28	31	32	36	58	79	32	147	47	58	35	32	38
29	30	35	34	60	-----	360	54	42	48	35	34	34
30	60	-----	42	50	-----	554	52	39	43	35	34	33
31	124	-----	79	46	-----	565	-----	37	-----	32	34	-----
TOTAL	1,409	963	1,150	1,827	4,239	5,607	2,539	1,707	2,284	1,322	1,208	2,167
MEAN	45.5	32.1	37.1	58.9	151	181	84.6	55.1	76.1	42.6	39.0	72.2
MAX	185	52	79	157	1,370	1,280	178	134	545	72	134	508
MIN	29	29	30	35	35	56	52	37	35	32	31	31
CFSM	1.83	1.29	1.90	2.38	6.10	7.29	3.41	2.22	3.07	1.72	1.57	2.91
IN.	2.11	1.44	1.72	2.74	6.36	8.41	3.81	2.56	3.43	1.98	1.81	3.25
CAL YR 1960: TOTAL 20,293 MEAN 55.4 MAX 1,070 MIN 21 CFSM 2.22 IN 30.43												
MAY YR 1961: TOTAL 26,422 MEAN 72.4 MAX 1,370 MIN 29 CFSM 2.22 IN 39.62												

PASCAGOULA RIVER BASIN

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2-4792 Flint Creek near Wiggins, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	33	30	40	125	63	95	102	43	45	54	45	27
2	45	31	40	78	62	219	62	40	41	118	80	28
3	74	51	40	70	61	104	55	38	34	56	46	28
4	42	66	40	68	62	81	52	37	48	42	56	27
5	35	52	40	166	65	71	55	36	67	37	68	27
6	33	38	43	224	87	63	177	36	42	34	163	34
7	36	34	42	106	64	61	168	36	38	32	47	60
8	40	33	40	103	62	60	76	35	64	30	34	41
9	36	31	90	84	66	60	64	34	64	29	29	36
10	33	31	1,090	93	82	60	60	34	41	29	25	31
11	32	31	287	73	62	66	60	32	80	28	25	29
12	31	34	575	68	58	61	68	35	80	27	24	28
13	31	91	391	67	56	55	62	38	56	58	24	27
14	31	793	121	73	56	56	51	32	92	42	24	29
15	30	107	196	113	56	78	50	34	56	32	26	38
16	29	140	194	86	118	61	47	32	43	31	27	31
17	29	84	178	70	73	54	46	37	129	42	25	29
18	29	58	412	68	90	52	46	34	118	62	25	27
19	29	52	137	97	174	51	46	32	66	40	24	26
20	29	48	94	87	78	52	46	31	65	32	25	25
21	29	44	83	72	71	54	44	33	49	30	34	25
22	29	46	78	70	151	52	42	31	42	29	38	24
23	29	130	75	66	86	60	43	29	41	45	34	24
24	29	68	71	66	83	52	46	29	38	34	30	23
25	29	52	69	64	69	165	50	29	65	31	29	23
26	29	47	68	66	66	112	52	28	208	92	30	24
27	29	45	93	227	62	62	44	28	62	72	29	23
28	29	44	90	113	61	55	71	28	81	41	27	23
29	31	42	71	76	-----	52	76	27	106	36	27	23
30	31	40	66	68	-----	52	50	28	74	33	27	23
31	31	-----	80	66	-----	110	-----	54	46	30	-----	23
TOTAL	1,032	2,393	4,934	2,873	2,144	2,286	1,911	1,050	2,035	1,344	1,177	863
MEAN	33.3	79.8	159	92.7	70.6	73.7	63.7	33.9	67.6	43.4	38.0	28.8
MAX	74	793	1,090	227	174	219	177	54	208	118	163	60
MIN	29	30	40	64	56	51	42	27	34	27	24	23
CFSM	1.34	3.22	6.42	3.74	3.09	2.97	2.57	1.37	2.74	1.75	1.53	1.16
IN.	1.55	3.59	7.40	4.31	3.22	3.43	2.87	1.57	3.05	2.02	1.77	1.29

CAL YR 1961: TOTAL 31,259 MEAN 85.6 MAX 1,370 MIN 29 CFSM 3.45 IN 46.88
 MAY YR 1962: TOTAL 24,042 MEAN 65.9 MAX 1,090 MIN 23 CFSM 2.66 IN 36.05

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	34	27	29	31	37	35	26	27	17	35	82	18
2	42	26	29	30	35	34	26	23	16	50	55	17
3	30	27	28	29	44	32	26	21	16	35	32	17
4	26	27	29	28	38	35	26	21	16	25	25	18
5	24	27	29	29	34	39	26	20	23	21	22	25
6	23	27	28	30	32	64	37	20	17	20	21	20
7	23	26	28	29	31	43	39	19	17	19	20	19
8	24	29	32	28	31	36	31	19	17	22	19	19
9	27	30	32	28	31	35	28	19	19	33	20	18
10	25	28	29	27	30	35	27	19	21	25	20	17
11	24	27	29	39	66	34	26	18	20	21	20	55
12	23	32	29	81	76	35	25	18	22	21	23	67
13	23	31	28	60	46	34	25	18	21	31	20	76
14	23	28	29	42	38	33	24	18	19	29	19	139
15	24	27	29	35	35	31	24	18	18	32	18	33
16	24	27	30	32	33	31	23	19	17	42	17	26
17	24	27	30	31	31	30	23	18	17	28	17	26
18	25	27	29	47	41	30	23	25	17	23	17	25
19	24	27	29	80	137	30	23	69	18	28	18	23
20	24	49	29	303	59	43	23	44	20	48	26	21
21	63	134	38	277	44	34	23	31	20	27	23	20
22	57	66	101	67	37	30	22	29	19	23	22	20
23	34	38	45	52	35	29	22	24	25	21	24	19
24	29	32	37	44	91	28	22	21	35	21	21	18
25	27	31	41	38	64	28	21	20	50	46	19	18
26	26	30	34	39	45	29	22	19	30	44	18	18
27	26	29	31	37	38	28	21	19	25	31	18	18
28	25	29	33	35	36	27	23	20	22	26	18	20
29	26	29	96	34	-----	27	27	18	21	24	21	19
30	27	29	52	43	-----	27	29	17	20	24	22	18
31	28	-----	36	43	-----	26	-----	17	-----	44	20	-----
TOTAL	884	1,023	1,128	1,748	1,295	1,032	763	708	635	919	737	867
MEAN	28.5	34.1	36.4	56.4	46.3	33.3	25.4	22.8	21.2	29.6	23.6	28.9
MAX	63	134	101	303	137	64	39	69	50	50	82	139
MIN	23	26	28	27	30	26	21	17	16	19	17	17
CFSM	1.15	1.38	1.47	2.27	1.86	1.34	1.03	.92	.85	1.20	.96	1.17
IN.	1.33	1.53	1.69	2.62	1.94	1.55	1.14	1.06	.95	1.38	1.11	1.30

CAL YR 1962: TOTAL 10,718 MEAN 51.3 MAX 227 MIN 18 CFSM 2.07 IN 29.07
 MAY YR 1963: TOTAL 11,739 MEAN 56.2 MAX 563 MIN 16 CFSM 1.30 IN 19.60

PASCAGOULA RIVER BASIN

2-4792 Flint Creek near Wiggins, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	17	19	22	26	44	34	24	63	42	40	26	20
2	17	20	24	27	34	188	24	109	32	39	25	19
3	17	19	33	35	30	245	24	87	26	82	26	19
4	16	19	25	55	27	78	24	50	24	125	22	18
5	16	19	22	61	30	68	24	40	23	44	20	19
6	16	19	21	115	32	48	51	35	22	29	19	20
7	16	19	20	92	29	40	64	32	22	24	37	31
8	16	19	23	68	29	36	44	31	21	21	47	41
9	16	21	23	137	27	35	35	29	25	20	32	26
10	16	22	21	68	25	33	28	28	30	20	28	22
11	16	20	21	44	24	30	25	27	25	20	33	20
12	16	19	24	53	24	28	24	67	29	21	23	19
13	16	18	60	43	24	27	26	154	36	34	151	17
14	17	18	82	34	26	27	107	53	26	31	129	17
15	17	19	52	31	27	41	84	38	23	25	45	17
16	17	19	35	31	29	42	42	34	22	23	41	17
17	17	18	28	57	28	32	32	31	23	21	111	25
18	18	18	25	55	76	28	28	29	21	20	316	41
19	17	18	24	41	48	69	26	27	20	19	68	39
20	17	18	24	45	33	122	24	26	20	18	44	32
21	18	19	45	36	28	51	23	25	19	17	34	25
22	18	20	37	39	26	36	22	33	19	20	31	22
23	18	28	34	54	24	32	22	32	33	26	32	20
24	18	23	29	46	78	30	21	29	30	27	28	19
25	18	20	26	46	78	54	26	29	23	39	25	18
26	18	20	24	37	55	51	926	27	30	42	28	18
27	18	20	22	34	48	38	1,810	25	48	41	25	18
28	18	20	23	35	51	32	166	23	60	30	24	18
29	17	25	21	31	37	29	81	22	52	60	25	18
30	17	26	21	28	-----	26	59	22	52	72	22	20
31	17	-----	23	39	-----	25	-----	43	-----	33	21	-----
TOTAL	526	621	914	1,543	1,017	1,655	3,916	1,300	878	1,083	1,536	675
MEAN	17.0	20.4	29.5	49.8	35.1	53.4	131.1	41.9	29.3	34.9	48.5	22.5
MAX	18	35	82	137	78	245	1,810	154	60	125	316	41
MIN	16	18	20	26	24	25	21	22	19	17	19	17
CFSM	.68	.83	1.19	2.01	1.41	2.15	5.26	1.69	1.18	1.41	2.00	.91
IN.	.79	.93	1.37	2.31	1.53	2.48	5.87	1.95	1.32	1.62	2.30	1.01

CAL YR 1963: TOTAL 10,765
WAT YR 1964: TOTAL 15,664MEAN 29.5
MEAN 42.8MAX 303
MAX 1,810MIN 16
MIN 16CFSM 1.19
CFSM 1.73IN 16.14
IN 23.49

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	19	21	31	44	36	113	39	28	21	26	22	20
2	20	22	28	38	35	176	36	27	21	25	19	30
3	29	21	28	59	33	78	34	26	21	23	18	78
4	114	21	48	46	32	56	26	20	24	26	18	87
5	154	21	39	37	32	47	31	25	19	22	18	46
6	51	21	31	34	48	43	30	24	20	22	23	44
7	33	22	28	32	57	41	29	24	57	23	30	30
8	27	23	31	42	39	28	24	85	24	47	64	24
9	25	22	26	31	38	38	27	23	40	58	46	22
10	23	22	26	69	37	38	27	23	41	41	27	63
11	22	21	507	45	35	38	27	23	35	32	22	87
12	22	22	313	37	180	39	27	23	29	27	21	40
13	22	22	67	34	119	39	26	22	37	25	20	28
14	23	22	47	33	55	38	25	22	70	26	22	25
15	27	22	39	31	44	37	25	21	39	24	20	23
16	25	22	36	29	51	36	25	21	39	23	19	22
17	23	22	34	28	293	37	24	21	29	22	18	21
18	22	22	43	28	341	42	24	21	28	21	23	27
19	21	24	41	28	88	37	25	21	25	20	75	24
20	21	49	36	28	59	36	42	21	22	19	101	30
21	21	31	37	28	51	34	33	22	21	20	108	24
22	21	26	38	37	46	33	28	45	21	25	43	22
23	21	24	35	436	43	34	28	45	21	22	28	28
24	20	47	34	250	43	35	33	30	20	21	24	77
25	20	101	53	70	43	34	37	25	22	20	22	31
26	20	42	45	55	40	35	51	23	23	24	21	25
27	21	31	35	46	38	59	38	22	25	31	20	23
28	24	91	32	40	37	75	33	22	55	23	19	25
29	24	67	31	38	-----	47	30	37	74	27	22	25
30	22	38	80	38	-----	42	28	26	34	24	20	49
31	21	-----	70	37	-----	44	-----	22	-----	24	20	-----
TOTAL	960	962	1,965	1,817	1,996	1,520	923	785	1,014	818	973	1,095
MEAN	31.0	32.1	63.4	58.6	71.3	49.0	30.8	25.3	33.8	26.4	31.4	36.5
MAX	154	101	507	436	341	176	51	45	85	58	108	87
MIN	19	21	26	28	32	24	21	19	19	19	18	20
CFSM	1.25	1.29	2.56	2.36	2.87	1.98	1.24	1.02	1.36	1.06	1.27	1.47
IN.	1.44	1.44	2.95	2.72	2.99	2.28	1.38	1.18	1.52	1.23	1.46	1.64

CAL YR 1964: TOTAL 17,490
WAT YR 1965: TOTAL 14,828MEAN 47.8
MEAN 40.6MAX 1,810
MAX 507MIN 17
MIN 16CFSM 1.93
CFSM 1.64IN 26.23
IN 22.24

PASCAGOULA RIVER BASIN

683

2-4793 Red Creek at Vestry, Miss

Location --Lat 30°44'10", long 88°46'50", in SW $\frac{1}{4}$ sec 34, T 3 S, R 8 W, St Stephens meridian, near center of channel on downstream side of bridge on county highway, 0.5 mile north of Vestry, and 1.1 miles upstream from Little Red Creek

Drainage area --416 sq mi

Records available --July 1958 to September 1965

Gage --Digital water-stage recorder Datum of gage is 20.10 ft above mean sea level, datum of 1929
Prior to July 7, 1964, graphic water-stage recorder at present site and datum

Average discharge --7 years, 851 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (4,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 20, 1961	0200	* 18,500	18.40	Dec 12, 1961	2400	* 21,500	18.56	Apr 28, 1964	1900	* 20,200	18.78
Feb 25, 1961	0100	7,950	15.58	Dec 20, 1961	1000	7,630	14.80	Dec 14, 1964	0530	5,080	13.87
Mar 19, 1961	0500	11,900	16.10	Jan 7, 1962	1700	4,080	13.44	Jan 25, 1965	2230	* 6,260	14.33
Apr 1, 1961	0900	10,500	15.72	Apr 9, 1962	1000	4,210	13.50	Feb 20, 1965	0430	5,820	14.16
June 22, 1961	1400	7,980	14.92	Jan 22, 1963	1500	* 4,170	13.48	Mar 2, 1965	2400	4,590	13.67
Sept 16, 1961	1800	6,170	14.28	Mar 5, 1964	2200	5,410	14.00				
Nov 16, 1961	1300	9,150	15.30								

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 30, 1960	213	4.71	1964	Oct 22, 1963	88	3.22
1962	Sept 30, 1962	138	3.92	1965	June 6, 1965	144	4.06
1963	Sept 12, 1963	103	3.42				

1958-65 Maximum discharge, 21,500 cfs Dec 12, 1961, maximum gage height, 18.78 ft April 28, 1964, minimum discharge, 88 cfs Oct 22, 1963

Remarks --Records fair

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

OAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	338	1,370	255	1,100	806	2,060	10,000	637	347	828	445	950
2	312	972	252	1,650	702	1,800	7,230	650	324	885	365	813
3	284	635	246	1,230	700	1,550	4,850	724	307	770	322	1,490
4	267	454	239	823	744	1,340	2,960	704	295	702	307	1,170
5	263	363	238	584	664	1,200	1,860	620	286	554	357	740
6	450	316	237	466	693	1,150	1,590	550	400	481	392	620
7	904	288	234	414	1,140	1,900	2,040	509	343	439	1,140	475
8	921	270	233	788	1,150	2,800	2,140	477	294	405	1,600	405
9	584	259	233	1,750	909	2,400	1,780	874	276	412	700	439
10	445	255	233	1,860	731	2,100	1,870	1,390	306	443	513	615
11	370	249	242	1,310	618	1,650	1,730	1,330	600	508	441	1,930
12	325	244	259	976	550	1,280	3,030	1,020	429	704	400	3,430
13	298	241	256	726	504	1,060	3,670	709	427	784	373	3,630
14	284	239	252	918	470	1,040	3,000	542	536	880	393	2,710
15	274	242	292	1,240	445	1,090	1,850	498	858	755	429	3,960
16	270	239	466	1,090	425	938	1,420	656	665	596	761	5,790
17	262	239	506	873	414	2,110	1,170	875	418	475	1,300	5,200
18	251	246	439	679	3,300	6,900	1,020	668	370	430	694	2,780
19	245	259	370	550	13,200	10,700	911	519	653	445	447	1,220
20	241	276	331	527	15,700	7,750	834	447	3,440	592	357	832
21	238	270	387	538	10,300	6,220	777	552	5,900	598	313	690
22	233	267	519	492	7,370	4,760	740	685	7,750	900	551	596
23	229	266	504	450	5,980	3,140	709	530	6,220	810	558	525
24	226	288	420	447	6,630	1,910	681	427	3,330	792	388	479
25	225	320	367	1,040	7,700	1,390	652	392	1,950	788	445	438
26	222	307	349	2,360	6,760	1,170	650	494	1,300	666	461	405
27	218	283	368	3,240	4,300	1,300	1,120	777	1,700	515	475	506
28	217	267	380	2,560	2,770	2,790	1,380	658	2,060	441	414	664
29	216	260	355	1,570	-----	4,250	1,050	564	1,620	576	668	498
30	218	256	335	1,230	-----	5,940	762	466	1,070	748	1,280	420
31	764	-----	451	969	-----	8,830	-----	387	-----	596	1,230	-----
TOTAL	10,594	10,440	10,248	34,450	95,675	94,518	63,476	20,341	44,074	19,518	18,219	44,420
MEAN	342	348	331	1,111	3,017	3,049	2,116	656	1,469	630	597	1,481
MAX	921	1,370	519	3,240	15,700	10,700	10,000	1,390	7,750	900	1,600	5,790
MIN	216	239	233	414	414	938	650	387	276	405	307	405
CFSM	.82	.84	.79	2.67	8.21	7.33	5.09	1.58	3.53	1.51	1.44	3.56
IN.	.95	.93	.92	3.08	8.55	8.45	5.67	1.82	3.94	1.74	1.66	3.97

CAL YR 1960 TOTAL 309,012 MEAN 844 MAX 12,600 MIN 168 CFSM 2-03 IN 27.43
WAT YR 1961: TOTAL 466,273 MEAN 1,277 MAX 15,700 MIN 216 CFSM 2-07 IN 41.68

PASCAGOULA RIVER BASIN

2-4793 Red Creek at Vestry, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	387	300	624	1,470	1,160	786	1,860	828	890	1,480	295	163
2	425	289	592	1,600	952	1,530	2,050	668	1,030	1,160	298	162
3	1,490	292	570	1,260	851	2,710	1,340	487	966	566	365	163
4	1,490	376	560	1,030	795	3,060	918	418	880	658	776	168
5	976	552	547	1,360	779	2,100	726	383	740	438	742	203
6	832	643	549	3,090	819	1,390	1,080	360	536	349	825	173
7	602	538	574	3,940	962	1,932	2,190	341	385	300	1,300	171
8	519	420	550	3,310	837	870	3,510	325	335	269	958	222
9	502	354	525	2,360	755	799	4,080	310	452	249	515	409
10	452	318	1,640	2,140	740	755	2,570	300	530	230	341	390
11	411	300	5,810	1,800	799	757	1,340	292	548	225	276	294
12	378	298	16,800	1,400	718	952	1,080	283	821	213	235	237
13	355	344	19,200	1,190	637	819	1,330	283	606	202	212	208
14	341	3,290	13,000	1,050	592	677	1,360	294	492	406	199	194
15	330	6,570	8,360	1,170	556	671	1,060	295	576	438	238	229
16	312	8,830	6,600	1,550	564	880	825	290	452	316	294	283
17	300	7,830	5,830	1,500	1,080	882	694	286	711	263	279	225
18	294	5,600	5,230	1,210	1,020	731	626	290	914	267	266	189
19	288	3,200	5,740	1,100	1,740	622	590	290	959	349	222	187
20	280	1,660	7,270	1,380	2,280	564	564	276	742	269	207	200
21	272	1,120	5,840	1,530	1,860	554	536	259	1,050	229	203	175
22	267	897	3,520	1,310	1,510	542	508	251	608	211	224	161
23	266	1,120	1,900	1,140	1,790	556	479	239	456	191	324	154
24	263	1,950	1,450	976	1,430	600	463	233	393	197	322	151
25	260	2,030	1,240	904	1,160	650	468	225	438	234	258	146
26	258	1,460	1,100	863	986	1,360	526	221	557	229	233	145
27	255	1,100	1,170	1,340	866	1,550	604	215	866	273	222	144
28	248	849	1,540	2,400	788	975	556	209	517	598	222	142
29	251	746	1,440	5,370	-----	668	690	204	921	461	200	141
30	262	675	1,150	2,860	-----	860	945	204	1,730	360	177	139
31	269	-----	1,010	1,770	-----	695	-----	355	-----	298	169	-----
TOTAL	13,855	53,951	121,931	53,373	29,026	31,295	35,568	9,914	21,101	12,328	11,397	5,968
MEAN	447	1,798	3,933	1,722	1,037	1,010	1,186	320	703	398	368	199
MAX	1,490	8,260	19,200	3,960	2,280	3,060	4,080	486	1,050	1,300	1,300	409
MIN	248	289	525	863	556	542	463	204	335	191	169	139
CFSM	1.07	4.32	9.45	4.14	2.49	2.43	2.85	.77	1.69	.96	.88	.48
IN.	1.24	4.82	10.9	4.77	2.59	2.80	3.18	.89	1.89	1.10	1.02	.53

CAL YR 1961: TOTAL 624,728

MEAN 1,711

MAX 19,200

MIN 248

CFSM 4.11

IN 55.85

WAT YR 1962: TOTAL 369,707

MEAN 1,095

MAX 19,200

MIN 139

CFSM 2.63

IN 35.73

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	156	179	230	744	604	626	234	176	147	165	742	217
2	207	178	227	582	546	556	225	171	146	210	654	167
3	268	176	224	447	562	498	218	162	145	286	507	138
4	251	178	217	381	677	468	213	151	142	407	418	126
5	234	178	217	346	673	530	209	142	138	357	300	124
6	200	176	214	332	582	1,270	212	139	137	251	230	128
7	178	173	214	330	481	1,340	373	132	136	214	192	125
8	174	174	216	322	421	1,220	405	129	134	182	169	117
9	204	177	220	308	376	1,120	312	125	132	166	154	114
10	226	179	231	290	357	784	267	121	142	186	150	108
11	191	179	231	310	564	620	246	119	149	172	170	105
12	172	182	225	708	1,540	568	228	116	146	154	167	105
13	165	200	214	947	1,280	544	213	114	134	155	186	108
14	157	205	208	859	880	508	200	112	132	225	153	333
15	155	204	207	620	662	461	189	112	130	487	137	476
16	153	203	213	494	536	423	183	110	124	464	128	282
17	152	196	218	424	461	390	176	109	121	687	120	229
18	150	192	225	418	430	371	173	111	121	346	115	202
19	147	187	225	665	1,160	352	165	158	128	254	111	190
20	145	194	224	2,080	1,660	395	164	516	135	227	112	172
21	177	335	226	3,410	1,270	485	161	496	142	234	124	156
22	324	800	270	4,060	902	423	158	360	146	233	136	145
23	394	782	534	3,000	677	351	153	300	164	229	136	156
24	322	552	500	1,550	1,170	310	149	270	181	179	150	126
25	258	408	437	935	1,940	295	143	282	255	295	142	120
26	218	327	421	715	1,540	282	143	247	372	460	126	116
27	196	282	384	631	1,030	294	149	210	286	364	127	114
28	184	257	349	568	762	302	186	231	186	302	164	114
29	178	243	313	513	-----	282	143	173	197	268	126	117
30	173	234	1,510	479	-----	265	165	153	174	257	136	116
31	173	-----	1,100	554	-----	246	-----	155	-----	272	230	-----
TOTAL	6,282	7,930	11,044	28,022	23,743	16,579	6,113	5,869	4,867	8,688	6,516	4,906
MEAN	203	256	350	899	766	535	204	192	159	280	210	154
MAX	394	800	1,510	4,060	1,940	1,340	405	516	372	642	742	476
MIN	145	173	207	290	357	246	143	109	121	154	111	105
CFSM	.49	.64	.86	2.17	2.04	1.29	.49	.46	.39	.67	.51	.39
IN.	.56	.71	.99	2.51	2.12	1.48	.55	.52	.44	.78	.58	.44

CAL YR 1962: TOTAL 235,226

MEAN 644

MAX 4,060

MIN 139

CFSM 1.55

IN 21.03

WAT YR 1963: TOTAL 130,559

MEAN 358

MAX 4,060

MIN 105

CFSM .86

IN 11.67

PASCAGOULA RIVER BASIN

685

2-4793 Red Creek at Vestry, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	118	92	186	220	577	804	431	4,510	318	618	399	177
2	114	97	179	226	670	1,070	405	2,450	380	525	352	168
3	110	100	188	278	593	3,150	389	2,520	394	588	451	162
4	106	100	213	426	492	4,570	380	2,650	340	1,000	651	156
5	104	100	194	666	467	5,330	373	1,820	297	923	505	152
6	103	102	182	1,110	543	4,850	378	1,130	268	600	355	150
7	101	103	169	2,720	501	2,530	694	837	250	416	283	155
8	100	103	161	2,350	467	1,290	1,550	714	239	335	347	224
9	99	104	158	2,350	439	945	1,930	630	227	282	539	389
10	98	113	160	2,170	407	813	1,600	597	227	251	429	303
11	97	121	194	1,440	380	718	969	532	236	236	309	233
12	95	114	158	1,090	346	638	640	496	227	229	260	194
13	95	108	289	1,010	332	575	528	747	249	231	234	171
14	94	106	622	808	330	536	685	1,150	294	251	483	156
15	94	103	642	664	336	528	1,380	846	270	264	609	148
16	93	103	537	573	343	845	1,240	617	239	258	524	143
17	91	106	440	776	354	954	804	509	224	246	507	152
18	90	107	348	1,040	593	877	597	442	221	249	1,120	210
19	90	107	286	947	949	876	494	404	247	243	1,240	323
20	90	107	251	815	879	1,600	436	375	273	226	777	829
21	89	108	278	698	690	1,960	396	348	229	212	507	516
22	89	112	364	602	554	1,430	360	330	216	210	381	354
23	89	153	429	696	483	1,000	332	321	202	300	387	270
24	90	161	418	883	429	758	312	315	202	348	363	222
25	90	147	364	894	712	722	298	309	220	396	303	194
26	90	132	321	750	1,150	903	2,420	310	243	476	271	174
27	91	129	281	638	1,060	850	10,300	297	309	396	241	164
28	92	133	254	568	1,160	696	18,700	281	389	373	225	156
29	165	91	233	528	1,060	590	15,700	267	550	462	214	153
30	90	204	216	472	-----	516	8,320	254	666	480	198	181
31	89	-----	209	456	-----	465	-----	260	-----	516	186	-----
TOTAL	2,972	3,540	8,884	28,868	17,296	43,389	73,041	27,268	8,648	12,140	13,620	6,980
MEAN	95.9	118	287	932	558	1,408	2,438	892	288	441	411	218
MAX	118	204	642	2,720	1,160	5,330	18,700	4,510	666	1,000	1,240	829
MIN	89	92	154	220	330	465	298	254	202	210	186	143
CFSM	.23	.28	.69	2.24	1.43	3.36	5.85	2.11	.69	.94	1.06	.56
IN.	.27	.32	.79	2.58	1.55	3.88	6.53	2.44	.77	1.09	1.22	.62

CAL YR 1963: TOTAL 120,699
WAT YR 1964: TOTAL 246,676MEAN 331
MEAN 674MAX 4,060
MAX 18,700MIN 89
MIN 89CFSM .79
CFSM 1.62IN 10.79
IN 22.05

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	182	160	772	1,260	751	1,400	763	239	186	252	454	352
2	203	160	604	891	693	4,170	711	226	168	200	331	328
3	258	162	463	761	651	4,500	615	219	158	198	250	423
4	419	154	415	937	621	3,610	537	212	152	206	206	1,103
5	1,500	151	729	797	577	2,000	487	208	147	279	182	1,160
6	1,600	148	769	666	663	1,190	453	200	149	206	176	668
7	1,040	147	639	570	1,190	955	424	166	168	206	185	465
8	729	503	503	509	1,170	827	400	192	270	295	411	378
9	512	158	403	469	991	761	381	187	499	535	847	306
10	370	155	356	499	889	711	363	182	394	801	1,000	456
11	302	155	875	1,010	761	691	347	179	391	889	777	1,390
12	261	154	3,100	885	799	699	335	176	346	725	376	1,420
13	238	153	4,680	678	1,990	699	325	173	264	472	303	1,120
14	226	153	4,850	568	2,530	689	312	169	378	518	276	749
15	237	153	3,150	507	1,590	661	297	165	613	429	242	520
16	239	155	1,230	463	1,100	621	288	161	554	309	219	391
17	224	154	823	421	1,610	600	277	160	634	250	209	371
18	207	155	773	391	4,040	682	265	162	407	219	454	467
19	193	159	863	375	5,380	741	261	160	297	194	406	354
20	182	183	845	362	5,450	689	264	157	236	179	657	355
21	175	275	793	354	3,730	598	336	170	200	170	767	347
22	171	295	775	400	1,830	539	331	217	179	175	1,460	306
23	166	280	729	3,430	1,140	507	306	347	170	186	1,200	273
24	162	265	665	5,130	979	499	346	338	164	170	865	279
25	159	641	801	6,000	1,180	498	331	264	154	158	596	307
26	156	874	941	5,950	1,050	773	335	219	185	151	442	264
27	155	816	803	4,300	941	1,200	359	192	224	162	338	245
28	164	775	646	1,930	805	1,110	315	184	249	330	400	245
29	179	1,290	547	1,120	-----	1,100	279	258	496	276	1,150	255
30	171	960	498	895	-----	827	253	315	454	759	707	573
31	165	-----	1,100	813	-----	771	-----	228	-----	630	440	-----
TOTAL	10,945	9,593	35,140	43,341	45,101	35,318	11,296	6,455	8,886	10,587	16,346	15,867
MEAN	353	320	1,134	1,398	1,611	1,139	377	208	296	342	527	529
MAX	1,600	1,290	4,850	6,000	5,450	4,500	763	347	634	889	1,460	1,420
MIN	155	147	354	354	577	498	253	147	151	176	245	245
CFSM	.85	.77	2.72	3.36	3.87	2.74	.91	.50	.71	.82	1.27	1.27
IN.	.98	.86	3.14	3.87	4.03	3.16	1.01	.58	.79	.95	1.46	1.42

CAL YR 1964: TOTAL 286,958
WAT YR 1965: TOTAL 248,875MEAN 784
MEAN 682MAX 18,700
MAX 6,000MIN 147
MIN 147CFSM 1.88
CFSM 1.84IN 22.95
IN 22.95

2-4795 Escatawpa River near Wilmer, Ala

Location --Lat 30°52' long 88°25'. In NW 1/4 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

Records available --August 1945 to September 1965

Gage --Water-stage recorder Altitude of gage is 60 feet (from topographic map)

Average discharge --20 years, 979 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (5,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 21, 1961	0700	16,500	21.48	Nov 15, 1961	0430	10,400	19.22	Mar 4, 1964	0730	5,120	14.13
Feb 25, 1961	1800	* 17,400	21.61	Dec 13, 1961	1700	* 20,100	22.60	Apr 28, 1964	0600	* 7,930	17.77
Mar 18, 1961	1100	15,000	20.19	Apr 1, 1962	1400	6,140	15.58				
Mar 31, 1961	0700	11,200	19.54	Apr 7, 1962	2100	7,860	17.70	Jan 24, 1965	1430	* 8,190	18.03
Apr 13, 1961	0600	5,180	14.22					Feb 18, 1965	2400	5,440	14.59
June 21, 1961	1200	7,160	16.95	Jan 21, 1963	1400	* 4,000	12.30	Mar 3, 1965	0300	5,730	15.00

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 30, 1960	143	2.92	1964	Oct 30, 1963	46	-
1962	Many days	a 110	-	1965	Nov 7, 1964	95	2.57
1963	Sept 26, 1963	57	1.87				

a Minimum daily

1945-65 Maximum discharge, 30,000 cfs June 2, 1959 (gage height, 24.66 ft), minimum, 37 cfs Sept 2, 3, 4, 1954

Remarks --Records fair except those for periods of no gage-height record, which are poor

Revisions (water years) --WSP 1624 1948-49

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	410	886	167	750	1,050	3,510	8,600	1,410	303	1,210	617	753
2	324	780	156	740	848	2,740	7,620	1,370	275	910	539	729
3	277	652	154	700	780	2,160	5,870	1,110	254	713	542	1,430
4	246	572	154	660	704	1,800	4,540	767	236	700	870	1,490
5	249	461	154	600	627	1,530	3,050	572	227	825	1,640	1,150
6	701	366	154	503	728	1,410	2,340	491	215	787	1,040	914
7	1,120	283	150	434	1,270	2,470	2,860	440	205	780	1,160	682
8	959	229	150	852	1,320	3,800	2,430	421	198	624	1,920	582
9	676	210	150	1,210	1,140	3,770	2,160	2,920	210	576	1,610	697
10	497	198	150	1,080	921	3,250	2,940	2,130	242	582	1,240	633
11	391	194	240	865	753	2,580	2,770	1,220	244	801	1,850	1,530
12	327	184	300	697	633	1,860	4,650	767	259	1,120	2,190	1,930
13	285	178	270	620	551	1,510	5,080	572	440	1,160	1,610	1,680
14	254	175	250	855	473	1,270	4,160	485	837	1,330	1,290	2,720
15	236	171	330	842	413	1,060	3,250	452	1,030	1,070	1,280	3,940
16	229	167	694	750	378	877	2,540	500	1,030	1,090	2,830	2,480
17	212	175	604	659	366	4,760	2,010	458	794	910	2,130	1,590
18	200	194	500	579	3,470	12,200	1,540	396	551	784	2,540	1,230
19	191	219	388	536	7,810	9,530	1,180	346	579	660	1,800	1,020
20	196	212	340	509	13,400	6,780	940	314	5,160	673	1,090	845
21	194	196	473	467	16,200	5,700	814	371	7,100	1,210	872	620
22	189	180	485	413	13,700	4,820	733	357	6,120	1,020	818	476
23	182	184	446	385	9,190	3,020	710	303	3,870	760	720	410
24	173	234	394	468	7,680	1,920	630	399	2,420	889	595	382
25	167	259	354	1,610	15,700	1,470	592	416	2,480	970	1,640	346
26	160	259	338	2,820	14,300	1,160	611	1,420	2,270	814	1,750	327
27	156	227	388	3,010	8,880	1,540	1,110	1,210	2,460	1,210	1,220	545
28	152	210	382	2,320	5,560	3,290	2,120	808	2,100	1,310	862	530
29	147	198	354	1,790	-----	5,660	2,420	554	1,830	1,050	692	452
30	166	178	352	1,500	-----	7,220	1,720	419	1,510	1,030	700	374
31	831	-----	450	1,310	-----	10,700	-----	343	-----	825	678	-----
TOTAL	10,497	8,631	9,871	30,334	128,845	113,367	81,990	23,761	45,449	28,393	40,335	32,487
MEAN	339	286	318	985	4,602	3,722	2,733	763	916	916	1,301	1,083
MAX	1,120	886	694	3,010	16,200	12,200	8,600	2,920	7,100	1,330	2,830	3,940
MIN	147	167	150	385	366	877	592	303	198	576	539	327
CFSM	.67	.57	.63	1.95	9.09	7.35	5.40	1.51	2.99	1.81	2.57	2.14
IN.	.77	.63	.73	2.24	9.47	8.48	6.03	1.74	3.34	2.09	2.96	2.39

CAL YR 1960: TOTAL 324,660 MEAN 887 MAX 13,000 MIN 95 CFSM 1.75 IN 23.86
 MAY YR 1961: TOTAL 556,140 MEAN 1,524 MAX 16,200 MIN 147 CFSM 3.01 IN 40.86

2-4795 Escatawpa River near Wilmer, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	385	189	372	2,240	1,350	1,040	6,020	3,540	293	825	405	150
2	654	191	476	2,590	1,300	1,070	5,230	3,120	413	688	349	130
3	2,760	217	437	2,110	1,060	2,680	3,830	2,300	455	461	296	120
4	1,850	374	408	1,840	921	2,800	2,620	1,430	506	377	380	110
5	1,150	402	396	2,370	1,000	2,560	1,870	962	598	306	380	110
6	859	371	419	4,230	1,890	1,960	2,880	666	473	257	428	140
7	784	314	572	4,500	1,670	1,540	7,180	527	473	249	449	160
8	707	254	604	3,900	1,140	1,240	7,150	452	633	224	314	200
9	576	222	548	3,720	974	998	5,250	410	1,090	203	222	240
10	443	207	3,320	3,690	1,120	828	3,640	380	1,020	198	160	260
11	363	200	8,900	2,700	1,030	780	2,660	354	1,470	180	129	200
12	322	198	15,000	2,000	872	1,040	2,070	338	1,640	167	120	180
13	293	245	19,900	1,610	811	1,080	1,790	314	1,740	173	120	170
14	285	7,480	18,700	1,420	753	865	1,550	298	1,850	164	350	500
15	259	9,200	15,400	1,570	691	910	1,290	288	2,370	175	370	800
16	242	6,140	12,600	1,810	825	1,160	1,090	277	1,780	275	350	400
17	232	4,000	9,110	1,670	1,040	1,130	932	264	1,380	250	300	301
18	222	2,900	7,020	1,450	1,300	982	818	254	1,030	234	240	207
19	217	2,100	5,680	1,560	3,170	882	707	246	633	257	200	170
20	210	1,570	5,130	2,180	2,770	791	627	234	431	234	180	150
21	196	1,210	4,710	2,200	2,060	713	569	232	413	210	400	140
22	196	959	3,740	1,870	2,030	608	512	234	452	169	350	130
23	196	1,430	2,800	1,670	1,650	627	476	215	399	152	300	120
24	194	1,640	2,140	1,930	1,510	624	449	205	352	143	260	120
25	191	1,510	1,780	1,390	1,390	730	443	191	343	147	230	120
26	187	1,240	1,510	1,230	1,250	2,030	500	182	338	207	200	120
27	175	1,070	1,530	1,670	1,130	2,250	470	175	296	229	170	110
28	173	959	1,790	2,170	982	1,580	907	167	285	394	140	110
29	182	848	1,630	2,070	-----	1,130	3,910	162	950	316	130	110
30	189	720	1,400	1,880	-----	855	4,270	160	1,090	534	170	110
31	191	-----	1,320	1,740	-----	3,450	-----	234	-----	518	170	-----
TOTAL	14,883	48,360	149,542	68,580	37,889	41,733	71,710	18,811	25,196	8,925	6,262	5,885
MEAN	480	1,612	4,824	2,212	1,353	1,346	2,390	607	840	288	287	198
MAX	2,760	9,200	19,900	4,500	3,170	3,450	7,180	3,540	2,370	825	449	800
MIN	173	189	396	1,230	691	608	443	160	285	143	120	110
CFSM	4.95	3.19	9.53	4.37	2.66	2.67	4.72	1.20	1.66	.57	.53	.39
IN.	1.09	3.55	11.0	5.04	2.78	3.07	5.27	1.38	1.85	.66	.61	.43

CAL YR 1961: TOTAL 739,926

MEAN 2,027

MAX 19,900

MIN 173

CFSM 4.01

IN 54.38

MAY YR 1962: TOTAL 499,779

MEAN 1,369

MAX 19,900

MIN 110

CFSM 2.71

IN 36.73

Note --No gage-height record Aug 12 tp Sept 16, Sept 19-30

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	450	109	175	506	633	845	196	100	222	256	192	276
2	450	104	169	317	620	765	180	100	186	207	142	280
3	450	108	158	314	1073	1673	190	100	214	214	120	246
4	450	115	150	283	828	595	160	90	178	230	114	203
5	450	119	150	262	835	588	150	90	162	240	102	183
6	170	117	160	259	760	1,510	334	90	124	197	93	136
7	170	115	150	270	673	1,930	521	90	98	200	90	104
8	170	121	167	257	598	1,610	382	85	85	200	97	90
9	170	139	236	239	539	1,180	322	85	79	200	91	81
10	170	139	244	219	488	1,010	236	85	79	200	86	73
11	140	137	215	267	682	928	189	80	74	250	79	78
12	140	169	180	763	1,730	862	175	80	69	250	78	84
13	140	215	169	865	2,010	767	164	75	68	250	74	92
14	140	198	154	808	1,730	643	150	84	62	250	67	110
15	140	171	156	592	1,230	858	140	86	62	250	65	122
16	125	147	171	470	936	1,270	140	82	62	340	64	128
17	125	139	175	399	777	893	130	76	67	340	64	114
18	123	135	178	431	676	707	130	84	77	340	72	105
19	117	135	171	652	1,350	604	120	130	84	340	88	93
20	111	160	162	2,730	1,550	554	120	130	106	340	100	82
21	230	494	167	3,940	1,410	476	120	124	135	307	111	73
22	461	794	257	3,370	1,120	385	110	122	160	278	102	71
23	322	624	316	2,770	925	319	110	363	201	300	84	65
24	244	434	303	2,600	1,290	285	110	513	205	471	74	61
25	178	303	354	1,890	1,710	264	110	326	220	485	68	59
26	143	236	352	1,370	1,500	275	100	226	266	373	69	58
27	127	200	322	1,060	1,180	277	100	190	278	260	66	60
28	117	184	283	835	962	270	100	147	278	220	81	70
29	113	173	807	666	-----	254	110	270	304	222	110	74
30	115	173	1,070	592	-----	234	110	382	304	266	128	71
31	115	-----	746	611	-----	210	-----	329	-----	222	202	-----
TOTAL	6,566	6,407	8,467	30,667	29,452	22,039	5,188	4,804	4,481	8,498	2,973	3,362
MEAN	212	214	273	989	1,052	711	173	155	149	274	95.9	111
MAX	461	794	1,070	3,940	2,010	1,930	521	513	304	485	202	280
MIN	111	104	150	219	488	210	100	75	197	84	58	58
CFSM	4.42	4.42	1.54	1.96	2.08	1.41	3.4	.31	.30	.54	.19	.22
IN.	.48	.47	.62	2.25	2.16	1.62	.38	.35	.33	.62	.22	.25

CAL YR 1962: TOTAL 308,434

MEAN 845

MAX 7,180

MIN 104

CFSM 1.67

IN 22.67

MAY YR 1963: TOTAL 132,884

MEAN 364

MAX 3,940

MIN 58

CFSM .72

IN 9.77

Note --No gage-height record Apr 14 to May 13

PASCAGOULA RIVER BASIN

2-4795 Escatawpa River near Wilmer, Ala --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	64	53	144	183	569	891	338	4,010	200	1,240	780	152
2	60	65	130	205	598	1,320	305	3,380	180	1,300	570	140
3	61	71	176	244	589	4,130	279	4,280	160	1,620	479	128
4	57	70	176	329	541	5,040	268	3,360	153	1,100	482	122
5	57	68	154	434	485	4,490	256	2,050	138	810	491	121
6	57	67	136	816	460	3,610	351	1,920	204	684	455	122
7	55	67	123	2,370	424	2,840	635	1,650	362	590	431	132
8	54	66	122	2,320	437	1,970	928	1,150	281	441	813	138
9	54	66	120	2,660	450	1,470	1,130	1,000	216	392	848	123
10	53	68	111	2,400	442	1,180	1,020	900	185	335	806	113
11	50	68	106	1,690	414	944	840	800	187	247	626	109
12	51	65	117	1,320	378	750	715	900	431	574	443	107
13	51	59	251	1,150	351	596	635	2,500	290	768	398	105
14	53	57	496	1,000	333	500	1,180	2,300	258	1,110	560	99
15	55	59	521	858	315	497	2,570	2,000	300	1,200	659	97
16	54	61	447	750	304	650	2,490	1,500	196	876	632	95
17	51	64	344	868	300	746	2,030	1,000	169	608	569	100
18	50	62	260	1,060	434	852	1,700	800	152	503	1,080	117
19	49	62	208	1,050	682	1,620	1,220	600	134	390	1,180	126
20	48	62	185	1,260	799	2,880	928	500	121	330	1,010	126
21	49	62	212	1,120	779	2,600	662	450	112	288	566	122
22	48	64	242	916	697	2,000	470	400	109	281	437	113
23	48	113	274	948	625	1,440	345	350	106	390	431	107
24	49	138	278	970	555	1,150	285	300	117	663	431	100
25	51	106	250	1,060	766	1,060	254	300	134	1,080	358	92
26	52	97	222	956	1,050	1,020	2,580	300	293	764	292	88
27	53	95	197	845	1,080	816	6,940	270	533	732	330	88
28	53	96	178	762	1,135	626	7,690	260	684	813	308	91
29	50	160	165	706	1,010	509	6,740	230	1,300	1,170	238	105
30	47	167	156	613	-----	422	5,700	200	1,590	1,310	196	123
31	48	-----	153	546	-----	378	-----	230	-----	1,040	171	-----
TOTAL	1,632	2,378	6,654	32,423	16,997	48,991	51,464	39,880	9,305	23,669	17,070	3,401
MEAN	52.6	76.3	215	1,046	566	1,580	1,715	1,286	293	764	551	113
MAX	64	167	521	2,660	1,130	5,040	7,690	4,280	1,590	1,620	1,180	152
MIN	47	53	106	183	300	372	254	200	106	247	171	88
CFSM	.10	.16	.42	2.07	1.16	3.12	3.39	2.54	.61	1.51	1.09	.22
IN.	.12	.17	.49	2.38	1.25	3.60	3.78	2.93	.68	1.74	1.25	.25

CAL YR 1963: TOTAL 122,108

MEAN 335

MAX 3,940

MIN 47

CFSM -.66

IN 8.97

WAT YR 1964: TOTAL 253,864

MEAN 694

MAX 7,690

MIN 47

CFSM 1.37

IN 18.66

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	144	110	916	660	1,100	2,030	1,460	345	221	166	972	241
2	185	107	760	650	988	5,160	1,200	264	169	175	698	243
3	229	104	662	640	1,010	5,460	1,020	232	142	203	599	328
4	335	103	726	671	968	4,260	884	214	128	185	554	539
5	350	101	1,050	726	880	3,250	760	198	118	176	515	464
6	876	99	876	656	1,000	2,730	650	187	135	155	395	392
7	757	97	656	551	2,400	2,120	575	180	405	193	340	318
8	500	101	542	479	2,520	1,640	521	175	408	272	382	243
9	335	104	473	443	1,960	1,300	476	167	322	479	728	203
10	264	103	419	461	1,520	1,100	434	160	340	810	1,670	294
11	216	103	914	506	1,270	976	402	152	262	799	1,530	677
12	184	101	2,980	581	1,570	864	380	147	220	626	988	584
13	162	104	3,240	611	2,300	810	360	141	268	434	736	512
14	153	106	2,580	602	2,590	788	330	141	290	428	668	372
15	218	110	2,000	581	2,200	771	305	136	249	400	665	268
16	305	112	1,570	542	1,830	768	290	135	225	315	476	205
17	308	112	1,290	506	2,900	757	270	132	223	392	375	176
18	300	112	1,040	443	5,110	1,720	256	128	264	449	434	162
19	266	118	860	392	5,140	2,240	254	122	449	342	467	166
20	245	221	920	372	4,250	1,690	1,270	119	360	238	599	189
21	211	264	850	355	3,590	1,240	2,060	136	229	194	464	196
22	182	251	800	394	2,740	952	1,320	236	175	322	539	175
23	157	227	750	6,020	1,870	795	840	425	150	283	844	171
24	142	221	720	8,030	1,470	726	578	338	136	243	684	279
25	132	772	1,400	7,270	1,580	662	473	279	150	243	443	236
26	126	916	1,300	5,990	1,630	1,150	431	212	153	634	305	173
27	121	904	1,050	5,160	1,320	2,390	378	167	171	972	243	160
28	121	844	860	3,960	1,040	4,500	342	169	216	718	212	160
29	119	1,050	720	2,380	-----	3,240	388	314	247	1,000	191	160
30	117	1,010	580	1,710	-----	1,910	413	452	202	1,650	214	717
31	113	-----	640	1,360	-----	1,700	-----	320	-----	1,420	256	-----
TOTAL	8,273	8,587	34,144	53,703	58,766	59,703	19,320	6,223	7,267	14,287	18,189	9,980
MEAN	265.9	275.7	1,098	1,719	1,831	1,861	591.3	197.5	228.0	445.1	569.0	308.7
MAX	876	1,050	3,240	5,460	5,140	5,460	2,060	452	449	1,650	1,670	717
MIN	113	97	419	355	880	662	254	119	118	155	191	160
CFSM	.53	.57	2.18	3.42	4.15	3.81	1.27	.42	.46	.95	1.16	.59
IN.	.61	.64	2.51	3.95	4.32	4.39	1.42	.48	.52	1.10	1.34	.66

CAL YR 1964: TOTAL 294,304

MEAN 804

MAX 7,690

MIN 88

CFSM 1.59

IN 21.63

WAT YR 1965: TOTAL 298,230

MEAN 817

MAX 8,030

MIN 97

CFSM 1.61

IN 21.92

2-4805 Tuxachanie Creek near Biloxi, Miss

Location --Lat 30°30'35", long 88°54'40", in NW¼ sec 20, T 6 S, R 9 W, St. Stephens meridian, on downstream side of right pier of bridge on State Highway 15 (formerly State Highway 57), 2½ miles upstream from mouth, 3½ miles downstream from Hog Branch, and 7 miles north of city limits of Biloxi

Drainage area --92.4 sq mi

Records available --October 1952 to September 1965

Gage --Digital water-stage recorder Datum of gage is 2.91 ft (revised) above mean sea level, datum of 1929 Prior to July 7, 1964, graphic water-stage recorder at present site and datum.

Average discharge --13 years, 188 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,500 cfs, revised), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	1000	4,810	15 10	Sept 12, 1961	0200	3,460	12 45	Jan 7, 1964	0600	2,790	10 96
Feb 25, 1961	1000	2,920	11 28					Apr 27, 1964	1000	* 11,200	19 72
Mar 18, 1961	0900	4,150	12 82	Nov 14, 1961	1500	* 4,730	14 98				
Apr 12, 1961	0900	* 5,270	15 82	Dec 11, 1961	1100	2,720	10 78	Jan 23, 1965	1230	* 5,290	18 86
June 20, 1961	1500	4,560	14 65	Feb 19, 1962	0600	3,490	12 50	Mar 2, 1965	0830	3,150	13 17
Aug 8, 1961	0200	4,710	14 93								
Sept 3, 1961	0900	3,290	12 10	Jan 20, 1963	2400	* 2,080	9 26				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Dec 3,4, 1960	13	a 0 90	1964	Oct 30,31, 1963	3 3	0 50
1962	May 28-30, 1962	5 7	60	1965	May 20, 1965	7 2	73
1963	June 11, 1963	3 0	48				

a Occurred June 9, 1961

1952-65 Maximum discharge, 17,700 cfs Sept 19, 1957 (gage height, 22.22 ft), minimum 1.6 cfs Sept 4, 1954, minimum gage height, 0.48 ft June 11, 1963
Flood occurring sometime during period 1907-9 reached a stage 1 ft higher than that of Sept 19, 1957, from information by local resident

Remarks --Records good Records of chemical analyses for the water year 1965 are published in reports of the Geological Survey

Revisions (water years) --WSP 1504 1955, drainage area

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	44	43	14	153	120	278	618	77	27	58	77	229
2	36	47	14	143	102	260	317	207	24	50	50	720
3	31	35	13	80	108	222	203	209	22	60	38	2,610
4	27	27	13	54	118	169	151	123	19	268	43	934
5	27	22	14	41	90	191	121	78	18	167	347	363
6	54	20	14	35	172	166	145	60	17	78	146	188
7	208	18	14	32	444	186	369	50	16	50	1,520	311
8	151	16	14	206	288	266	253	44	15	42	2,750	217
9	84	15	14	468	155	315	245	113	14	83	542	183
10	54	15	14	238	108	180	424	155	15	142	225	607
11	39	15	26	115	88	114	404	94	16	240	324	2,220
12	32	15	27	80	74	95	4,250	59	15	188	453	2,560
13	27	14	25	78	66	92	1,510	42	16	370	249	940
14	25	14	24	178	58	86	472	35	23	196	363	470
15	25	15	61	171	52	75	432	43	23	103	234	508
16	27	15	108	102	47	63	354	74	20	63	194	309
17	25	15	93	71	46	1,590	221	75	18	45	149	177
18	24	16	56	56	1,020	3,670	158	50	21	40	259	126
19	25	18	41	47	4,540	1,260	127	35	115	47	130	98
20	24	18	35	51	3,290	971	105	28	3,350	45	77	84
21	23	17	53	56	1,350	848	91	34	2,360	48	58	76
22	21	17	76	48	2,030	566	83	32	483	101	57	67
23	20	18	60	42	1,230	307	75	25	188	162	154	59
24	18	18	44	47	948	215	70	500	129	66	95	53
25	18	18	38	439	2,670	160	64	628	517	77	364	47
26	16	18	39	1,360	1,140	131	63	193	793	65	215	51
27	16	17	44	886	508	357	181	216	568	164	132	49
28	16	16	46	374	345	1,360	293	112	286	190	102	44
29	15	16	40	282	-----	1,300	151	66	132	428	114	42
30	16	15	35	228	-----	1,020	86	45	81	377	109	41
31	28	-----	60	155	-----	781	-----	34	-----	153	236	-----
TOTAL	1,196	983	1,169	6,316	21,207	17,233	12,036	3,536	9,339	4,166	9,806	14,383
MEAN	38.6	31.4	37.7	206	787	557	401	114	311	134	316	479
MAX	208	47	108	1,360	4,540	3,670	4,250	628	3,350	428	2,750	2,610
MIN	15	14	13	32	46	63	63	25	14	40	38	41
CFSM	.42	.21	.41	2.20	8.20	6.02	4.34	1.23	3.37	1.45	3.42	5.19
IN.	.48	.23	.47	2.54	8.54	6.94	4.84	1.42	3.76	1.68	3.95	5.79

CAL YR 1960: TOTAL 69,729.0

MEAN 191

MAX 3,470

MIN 6.2

CFSM 2.06

IN 28.07

WAT YR 1961: TOTAL 100,990

MEAN 277

MAX 4,340

MIN 13

CFSM 2.99

IN 40.65

2-4805 Tuxachanie Creek near Biloxi, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	40	22	63	382	111	314	259	24	93	466	36	13
2	95	21	58	372	98	706	138	20	108	154	80	18
3	629	24	56	205	89	613	72	18	56	102	100	18
4	370	43	54	149	87	323	49	16	35	227	57	19
5	133	47	53	628	87	215	42	14	25	162	36	14
6	78	39	51	1,810	86	151	51	13	19	55	110	11
7	64	34	49	832	84	114	408	12	16	35	139	12
8	101	30	46	513	76	101	242	12	14	26	62	29
9	98	26	47	369	74	92	98	11	13	20	34	72
10	67	24	762	560	70	88	66	11	12	18	22	78
11	50	22	2,280	450	63	89	56	11	16	15	16	44
12	41	22	1,490	264	56	116	110	10	45	14	12	31
13	37	35	2,040	200	52	132	236	9.9	103	27	9.9	27
14	34	3,630	918	182	49	78	112	9.6	91	31	8.9	37
15	32	2,670	810	258	48	76	62	9.2	381	19	8.2	488
16	28	775	1,570	333	179	112	45	9.2	222	16	12	239
17	26	825	882	208	199	83	37	8.9	54	16	12	91
18	24	422	644	151	490	63	32	8.6	886	17	12	51
19	24	244	507	227	2,690	53	30	8.2	436	22	11	36
20	22	174	314	256	892	49	27	7.9	240	22	9.9	26
21	20	133	214	223	325	48	24	7.6	183	16	13	19
22	20	109	172	167	374	47	22	7.3	215	15	13	15
23	20	236	152	144	399	60	21	7.0	100	11	33	13
24	20	369	132	128	270	83	20	6.6	93	9.6	25	11
25	21	208	114	116	199	72	50	6.3	168	8.2	20	9.9
26	20	130	104	114	153	111	101	6.3	658	8.9	24	9.2
27	20	100	253	504	136	86	58	6.0	288	13	18	8.6
28	20	87	604	643	132	56	39	5.7	138	17	18	7.6
29	20	77	316	282	-----	44	32	5.7	417	19	14	7.3
30	22	69	179	167	-----	40	28	5.7	398	17	12	7.0
31	22	-----	161	130	-----	103	-----	33	-----	22	11	-----
TOTAL	2,218	10,647	15,095	10,967	7,568	4,318	2,567	340.7	5,523	1,618.7	1,000.9	1,461.6
MEAN	71.5	355	487	354	270	139	85.6	11.0	184	52.2	32.3	48.7
MAX	629	3,630	2,280	1,810	2,690	706	408	33	886	466	139	488
MIN	20	40	46	40	49	40	45	5.7	15	8.2	7.0	7.0
CFSM	.77	3.84	5.27	3.83	2.93	1.51	.93	.12	1.99	.57	.35	.53
IN.	.89	4.29	6.08	4.41	3.05	1.74	1.03	.14	2.22	.65	.40	.59

CAL YR 1961: TOTAL 126,002 MEAN 345 MAX 4,540 MIN 14 CFSM 3.74 IN 50.71
WAT YR 1962: TOTAL 63,324.9 MEAN 173 MAX 3,630 MIN 5.7 CFSM 1.88 IN 25.49

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	7.6	8.3	16	138	72	122	19	7.7	6.8	15	232	11
2	125	8.3	16	94	77	107	17	7.1	5.5	11	445	10
3	263	8.0	15	73	128	90	16	6.8	5.3	10	178	9.6
4	108	8.0	14	62	159	90	16	6.8	4.5	98	86	8.9
5	52	8.3	13	55	97	134	15	6.8	4.3	171	51	8.3
6	34	8.3	13	59	69	780	18	6.5	3.9	170	37	8.0
7	33	8.0	13	67	58	556	21	6.3	3.7	95	27	7.4
8	45	8.6	13	50	40	221	45	5.8	3.5	51	23	7.0
9	74	11	13	51	45	144	37	6.0	3.3	150	23	8.3
10	56	12	14	44	43	119	29	5.8	3.3	40	18	7.7
11	32	10	13	56	378	112	24	5.8	3.2	20	14	7.1
12	23	13	13	372	943	109	20	5.5	3.5	100	12	6.8
13	20	26	14	295	494	93	16	5.5	5.8	300	10	6.0
14	14	21	14	173	237	85	14	5.3	7.7	200	8.9	135
15	13	18	14	112	146	71	12	5.3	5.5	100	8.0	254
16	12	14	15	84	108	61	12	5.0	4.3	150	7.7	66
17	11	12	16	70	88	55	12	4.8	3.7	60	7.4	50
18	9.6	11	17	89	108	50	11	5.3	5.0	40	6.8	53
19	8.6	11	18	248	814	51	10	5.5	8.6	100	8.0	51
20	8.3	12	18	1,490	566	84	10	34	11	150	88	37
21	8.6	39	18	1,620	255	84	9.6	79	21	60	184	27
22	37	163	31	603	158	62	8.9	50	27	150	138	20
23	50	101	66	274	119	45	8.6	34	23	100	61	16
24	32	56	67	192	555	38	8.3	24	24	50	73	12
25	22	40	82	138	957	34	8.0	16	54	200	49	11
26	15	32	80	119	374	34	7.7	13	76	643	28	9.3
27	13	25	55	114	212	32	7.7	10	50	328	76	8.6
28	11	21	52	98	149	29	7.7	9.3	34	152	18	8.3
29	9.6	18	570	85	-----	26	7.7	9.3	24	80	14	8.3
30	8.9	17	780	76	-----	23	7.7	10	21	55	11	8.3
31	8.6	-----	282	77	-----	21	-----	8.3	-----	45	11	-----
TOTAL	1,164.8	748.8	2,375	7,088	7,455	3,562	455.9	410.5	456.4	3,894	1,903.8	881.3
MEAN	37.6	25.0	76.6	229	266	115	15.2	13.2	15.2	126	61.4	29.4
MAX	263	163	780	1,620	957	780	45	79	76	643	445	254
MIN	7.6	8.0	13	44	43	21	7.7	4.8	3.2	10	6.8	6.0
CFSM	.41	.27	.83	2.47	2.88	1.24	.16	.14	.16	1.36	.66	.32
IN.	.47	.30	.96	2.85	3.00	1.43	.18	.17	.18	1.57	.77	.35

CAL YR 1962: TOTAL 39,653.5 MEAN 109 MAX 2,690 MIN 5.7 CFSM 1.18 IN 15.96
WAT YR 1963: TOTAL 30,395.5 MEAN 83.3 MAX 1,620 MIN 3.2 CFSM .90 IN 12.23

2-4805 Tuxachanie Creek near Biloxi, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	7.1	3.7	39	54	144	158	49	224	20	64	118	32
2	6.8	3.7	29	72	150	388	44	343	21	49	203	31
3	6.0	4.1	31	167	122	1,200	43	406	18	104	440	30
4	5.8	4.3	49	378	86	548	43	211	14	320	300	26
5	5.8	4.5	41	643	109	385	42	127	13	323	129	33
6	5.5	5.0	32	1,420	276	268	179	97	13	109	126	34
7	5.5	5.3	24	2,280	180	166	274	77	11	52	121	866
8	5.5	5.0	22	954	137	134	176	65	11	32	139	1,410
9	5.5	6.5	19	1,640	115	118	128	57	10	24	134	430
10	5.3	11	18	757	89	104	81	50	11	19	593	184
11	4.8	12	16	365	70	86	56	45	11	16	1,060	104
12	4.3	8.9	21	385	60	71	45	53	10	14	253	70
13	4.3	7.1	203	429	56	62	79	158	10	13	118	53
14	5.8	6.0	780	253	58	57	718	142	10	13	82	43
15	10	5.5	586	176	67	60	593	79	8.9	16	121	37
16	8.3	5.5	268	166	65	73	255	53	9.5	17	258	33
17	6.8	5.5	142	420	65	68	138	39	8.9	16	289	164
18	5.5	5.5	520	54	377	89	31	8.9	15	15	678	364
19	4.8	5.5	73	313	365	222	69	27	8.9	15	1,580	409
20	4.3	5.5	62	248	168	744	58	24	8.6	14	660	633
21	3.7	6.0	94	209	109	367	49	22	8.6	19	286	341
22	3.5	7.1	192	246	129	163	42	20	8.3	23	318	156
23	3.5	24	284	350	114	108	38	18	8.0	42	403	92
24	3.5	44	226	480	89	88	35	19	10	70	388	64
25	3.5	38	142	513	384	168	40	22	13	104	180	49
26	3.5	29	101	287	458	280	2,840	24	11	149	106	39
27	3.7	21	185	195	313	185	10,100	22	11	82	80	34
28	3.9	24	66	171	427	115	3,970	17	16	62	60	31
29	3.7	42	56	149	251	85	646	15	22	522	48	29
30	3.5	46	48	119	-----	68	360	13	44	364	40	100
31	3.3	-----	48	108	-----	56	-----	15	-----	231	34	-----
TOTAL	157.0	401.2	3,939	14,403	5,013	6,649	21,279	2,515	388.6	2,915	9,345	5,921
MEAN	5.06	13.4	127	465	173	214	709	81.1	13.0	94.0	301	197
MAX	10	46	780	2,280	458	1,200	10,100	406	44	522	1,580	1,410
MIN	3.3	3.7	16	54	56	54	35	13	8.0	13	34	26
CFSM	.05	.14	1.38	5.03	1.87	2.32	7.68	.88	.14	1.02	3.2	2.14
IN.	.06	.16	1.59	5.80	2.02	2.68	8.56	1.01	.16	1.17	3.76	2.38

CAL YR 1963: TOTAL 30,604.1 MEAN 83.8 MAX 1,020 MIN 3.2 CF5M .91 IN 12.32
WAT YR 1964: TOTAL 72,925.8 MEAN 199 MAX 10,100 MIN 3.3 CF5M 2.16 IN 12.35

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	201	22	167	69	153	1,290	264	19	41	87	115	120
2	117	20	106	63	138	2,780	168	17	26	50	75	295
3	296	19	83	164	130	1,070	16	20	38	42	74	243
4	1,410	18	83	194	106	540	99	15	17	80	29	1,640
5	1,650	17	109	116	92	343	84	14	14	59	40	974
6	620	17	88	81	267	243	74	14	13	35	34	391
7	263	16	65	67	796	188	65	13	14	50	34	184
8	160	16	53	59	462	154	57	13	37	71	68	109
9	114	17	48	56	264	133	51	12	41	341	424	74
10	88	16	46	70	207	120	45	11	57	216	490	606
11	69	16	594	93	168	128	41	11	84	136	553	1,220
12	57	16	1,310	74	224	133	37	10	110	106	170	601
13	50	16	613	59	410	120	34	10	295	71	311	361
14	49	16	293	52	281	109	31	9.6	1,230	86	201	175
15	57	16	182	49	172	96	28	8.8	672	123	84	107
16	68	16	131	44	130	86	25	8.4	1,280	62	63	118
17	57	16	108	40	890	86	23	8.0	741	42	210	315
18	46	16	117	37	1,820	142	21	8.0	641	39	227	323
19	38	17	201	36	794	126	22	7.6	210	32	172	183
20	33	28	153	36	389	86	24	7.6	104	25	387	123
21	29	52	131	35	258	68	26	37	61	21	431	104
22	26	46	148	149	195	61	24	355	44	20	265	71
23	24	33	133	4,440	154	56	21	427	34	26	153	73
24	24	55	142	2,680	141	57	22	147	28	27	86	95
25	20	501	300	806	275	60	32	59	32	19	54	61
26	19	393	305	473	246	376	65	32	56	16	39	47
27	18	158	173	355	147	1,260	71	23	102	16	83	40
28	18	448	113	243	117	945	37	24	207	18	120	46
29	26	757	87	188	-----	542	26	492	475	37	406	75
30	32	359	77	165	-----	289	21	212	222	237	220	601
31	26	-----	75	166	-----	283	-----	81	-----	246	99	-----
TOTAL	5,703	3,150	6,234	11,159	9,426	11,970	1,661	2,122.0	6,908	2,432	5,685	9,375
MEAN	184	105	201	360	337	388	55.4	68.5	230	76.5	185	415
MAX	1,650	757	1,310	4,440	1,820	2,780	264	492	1,280	341	553	1,640
MIN	18	16	46	35	92	56	21	7.6	13	16	29	40
CF5M	1.99	1.14	2.18	3.90	3.64	4.18	.60	.74	2.49	.85	1.98	3.38
IN.	2.30	1.27	2.51	4.49	3.79	4.82	.67	.85	2.78	.98	2.29	3.77

CAL YR 1964: TOTAL 83,515.6 MEAN 228 MAX 10,100 MIN 8.0 CF5M 2.47 IN 33.61
WAT YR 1965: TOTAL 75,825.0 MEAN 208 MAX 4,440 MIN 7.6 CF5M 2.25 IN 30.52

2-4810 Biloxi River at Wortham, Miss

Location --Lat 30°33'30", long 89°07'20", in SE¼ sec 31, T 5 S, R 11 W, St Stephens meridian, on downstream side of right main pier of upstream bridge of dual bridges 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

Records available --October 1952 to September 1965

Gage --Digital water-stage recorder Datum of gage is 21.18 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Mississippi State Highway Department) Prior to January 25, 1964, graphic water-stage recorder at present site and datum.

Average discharge --13 years, 176 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 19, 1961	0200	6,540	18.85	Sept 14, 1961	2300	2,830	11.18	Jan 5, 1964	1900	2,770	11.03
Feb 22, 1961	1500	2,590	10.60					Mar 2, 1964	2030	2,320	9.95
Feb 25, 1961	0800	3,920	13.70	Nov 14, 1961	0900	* 6,210	18.28	Apr 27, 1964	1200	* 8,420	20.94
Mar 17, 1961	1600	* 7,520	20.50	Dec 10, 1961	1700	4,300	14.48				
Apr 12, 1961	0400	3,300	12.30	Dec 12, 1961	2400	2,860	11.28	Dec 11, 1964	1600	2,800	11.09
June 20, 1961	1500	5,150	16.16					Jan 23, 1965	0845	* 3,170	11.91
July 10, 1961	2400	2,030	9.18	Jan 20, 1963	0100	* 1,690	8.19	Feb 17, 1965	2045	2,380	9.88
Sept 11, 1961	2300	5,370	12.45					Mar 1, 1965	1830	2,350	9.79

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Dec 6-10, 1960	12	a 1.31	1964	Oct 21, 1963	1.1	0.81
1962	Sept 29-30, 1962	3	4	1965	May 19-20, 1965	5.0	0.86
1963	June 16-18, 1963	2	84				

a Occurred June 11, 1961

1952-65 Maximum discharge, 8,420 cfs Apr 27, 1964, maximum gage height, 21.08 ft Sept 18, 1957, minimum discharge, 1.1 cfs Oct 21, 1963

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 8 ft higher than that of Sept 18, 1957, at a point about 1 mile upstream, from information by local residents

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	33	340	14	275	129	367	1,100	91	21	52	58	143
2	28	102	14	168	117	314	481	129	20	78	37	364
3	23	56	14	92	138	237	308	145	28	58	30	1,250
4	21	36	14	62	134	202	249	104	19	98	45	606
5	53	28	13	49	101	189	210	72	18	61	112	218
6	346	23	12	43	206	368	316	59	18	61	68	139
7	318	20	12	39	354	1,140	551	51	16	56	136	236
8	143	18	12	476	202	1,050	282	47	16	48	194	186
9	81	17	12	601	133	543	306	389	16	90	85	134
10	53	16	12	256	106	266	350	210	16	545	56	436
11	40	15	18	138	92	194	333	108	15	1,020	66	1,550
12	33	15	20	102	81	174	2,080	72	22	461	135	1,950
13	27	14	20	118	74	162	819	56	28	507	102	834
14	24	14	20	340	65	142	379	51	44	266	193	2,060
15	23	14	48	258	61	118	313	179	65	147	124	1,960
16	21	14	95	138	57	106	240	220	78	103	394	793
17	20	14	75	101	57	5,170	178	129	41	78	285	345
18	20	16	48	78	2,680	3,760	147	73	34	103	244	227
19	20	18	35	75	4,860	1,340	127	52	235	169	102	166
20	19	19	32	86	3,070	1,250	117	106	4,100	425	62	132
21	18	20	54	86	1,640	848	104	150	2,340	119	84	116
22	18	18	58	65	2,260	525	97	63	666	76	78	98
23	16	17	48	58	1,560	374	92	56	255	58	55	85
24	16	16	38	68	1,410	291	88	40	164	175	315	73
25	14	18	33	665	2,990	240	80	34	158	182	296	62
26	14	23	35	1,330	1,060	236	88	37	262	90	154	56
27	14	20	43	751	529	504	284	72	306	344	91	61
28	14	18	45	364	416	1,270	216	62	188	226	68	104
29	13	16	39	328	-----	1,390	114	38	103	277	103	65
30	13	14	35	234	-----	1,260	76	30	70	154	213	45
31	149	-----	82	160	-----	1,400	-----	25	-----	91	378	-----
TOTAL	1,645	989	1,050	7,604	24,582	25,430	10,125	2,950	9,354	6,216	4,363	14,494
MEAN	53.1	33.0	33.9	245	878	820	358	95.2	312	201	141	481
MAX	346	340	95	1,330	4,860	5,170	2,080	389	4,100	1,020	394	2,060
MIN	13	14	12	39	57	106	76	25	15	48	30	49
CFSM	.54	.34	.34	2.50	8.93	3.43	3.43	.97	3.17	2.04	1.43	4.91
IN.	.62	.37	.40	2.88	9.30	9.62	3.83	1.12	3.54	2.35	1.65	5.48
CAL YR 1960: TOTAL	65,814.0			MEAN 180		MAX 3,330	MIN 4-6	CFSM 1.83	IN 24.90			
WAT YR 1961: TOTAL	108,802			MEAN 298		MAX 5,170	MIN 12	CFSM 3.03	IN 41.16			

2-4810 Biloxi River at Wortham, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	41	25	76	480	145	343	619	41	130	214	35	11
2	126	24	72	347	132	1,160	224	37	72	72	43	12
3	420	26	69	209	121	762	118	35	38	40	33	12
4	249	77	175	317	114	373	82	31	28	25	42	9.1
5	96	117	62	1,000	125	266	69	25	19	15	209	11
6	61	76	61	1,150	152	203	175	20	15	11	151	11
7	47	48	61	650	145	158	712	15	12	9.1	52	16
8	45	33	59	500	107	132	252	10	10	7.1	29	30
9	42	28	84	400	99	126	141	11	8.7	7.5	17	89
10	35	26	2,550	550	94	118	106	10	7.9	18	12	57
11	29	24	2,380	400	82	141	96	9.5	9.1	11	9.0	33
12	26	22	1,860	300	75	188	135	9.1	16	11	7.0	72
13	25	74	2,150	250	73	112	168	8.3	17	18	5.0	16
14	24	4,460	1,150	220	71	84	99	7.5	21	19	4.0	16
15	22	1,650	982	300	70	118	66	16	16	17	6.0	197
16	21	1,190	1,330	371	312	141	56	14	18	13	10	88
17	20	731	886	228	143	93	48	11	17	12	5.7	43
18	368	1,100	186	368	150	132	43	9.1	10	75	4.6	27
19	19	240	890	328	1,260	68	40	8.3	40	10	4.9	17
20	18	180	472	344	549	60	38	7.5	60	9.1	5.2	12
21	18	139	314	235	270	55	34	7.1	87	8.7	7.5	8.7
22	17	122	258	199	503	55	31	7.1	49	8.0	9.1	6.3
23	16	559	228	180	306	82	27	6.7	40	7.5	21	6.0
24	16	394	192	166	235	90	25	6.7	65	7.0	24	5.2
25	16	200	168	156	203	166	28	6.3	40	6.7	16	4.6
26	14	139	153	145	180	272	44	6.0	48	6.3	12	4.4
27	14	468	468	713	150	132	44	6.0	34	7.5	44	4.2
28	14	106	566	658	130	80	44	5.7	25	17	32	3.6
29	17	96	276	306	-----	64	39	5.7	49	13	19	3.4
30	20	84	198	203	-----	58	39	6.0	111	22	28	3.4
31	24	-----	194	168	-----	151	-----	16	-----	25	19	-----
TOTAL	1,572	11,378	19,374	11,517	6,214	5,926	3,646	416.6	1,139.7	677.5	916.0	778.9
MEAN	50.7	379	625	372	222	191	122	13.4	38.0	21.9	29.5	26.0
MAX	420	4,460	2,550	1,150	1,260	1,160	712	41	130	214	209	197
MIN	14	22	59	145	70	55	25	5.7	7.9	6.3	4.0	3.4
CFSM	.52	3.86	6.36	3.78	2.26	1.94	1.24	.14	.39	.22	.30	.26
IN.	.59	4.30	7.33	4.36	2.35	2.24	1.38	.16	.43	.26	.35	.29

CAL YR 1961: TOTAL 137,442 MEAN 377 MAX 5,170 MIN 14 CFSM 3.83 IN 52.00
WAT YR 1962: TOTAL 63,555.7 MEAN 174 MAX 4,460 MIN 3.4 CFSM 1.77 IN 24.05

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.4	4.2	10	107	80	135	22	5.5	7.9	6.7	182	78
2	7.9	4.2	10	77	69	118	20	5.5	6.3	5.5	331	36
3	7.9	4.4	9.5	55	104	101	19	5.9	5.5	28	111	22
4	16	4.4	9.1	42	118	93	18	6.3	5.1	108	53	15
5	11	4.4	9.1	33	83	135	17	6.3	4.5	136	26	11
6	7.9	4.2	7.9	33	61	490	22	5.9	4.2	94	18	9.5
7	6.3	4.2	7.5	36	52	264	166	5.5	3.9	38	14	8.7
8	6.3	5.4	8.3	34	42	150	115	13	3.6	28	59	7.5
9	6.0	4.9	8.7	25	37	107	62	10	3.0	113	151	6.3
10	5.4	4.4	8.7	22	31	98	43	7.1	3.0	43	43	5.5
11	5.2	4.4	10	36	583	96	31	5.9	2.7	18	19	5.1
12	4.4	5.2	10	162	694	96	23	5.1	2.7	196	14	4.8
13	3.9	4.9	9.5	202	306	98	20	4.8	3.3	569	9.1	8.1
14	3.6	4.9	9.1	198	173	82	16	4.2	2.7	360	7.1	34
15	3.4	5.4	9.1	112	122	67	15	3.9	2.4	134	5.9	11
16	3.4	5.7	9.1	80	96	56	12	3.9	2.2	76	5.1	15
17	3.4	6.0	9.1	66	52	10	3.6	2.2	42	42	4.2	36
18	3.2	6.0	9.5	85	106	49	9.5	4.6	2.7	23	3.3	31
19	3.2	5.4	10	420	706	52	8.7	57	3.3	86	4.2	21
20	3.0	6.7	10	1,280	430	110	6.3	322	5.3	134	5.9	15
21	5.8	27	11	947	211	125	7.9	123	5.9	54	5.1	11
22	14	127	16	422	144	74	7.1	70	5.1	108	4.5	10
23	20	107	41	252	112	49	7.5	115	4.5	78	5.1	8.3
24	14	43	50	175	827	36	6.3	49	22	37	7.5	6.7
25	11	28	40	125	913	33	5.9	22	27	112	12	5.9
26	7.9	20	40	109	373	34	5.9	15	19	114	9.1	5.5
27	6.3	16	36	102	209	37	5.5	11	29	82	7.9	5.1
28	5.4	14	30	85	157	36	5.5	9.1	12	44	7.1	4.8
29	4.9	12	547	70	-----	30	5.5	8.3	12	23	6.3	4.5
30	4.6	10	569	64	-----	24	5.5	8.3	11	17	13	3.9
31	4.4	-----	200	80	-----	23	-----	9.1	-----	16	118	-----
TOTAL	213.1	503.3	1,764.2	5,736	6,921	2,950	720.1	925.8	224.0	2,923.2	1,261.4	446.2
MEAN	6.87	16.8	56.9	185	247	95.2	24.0	29.9	7.47	94.3	40.7	14.9
MAX	20	127	569	1,280	913	490	166	322	29	569	331	78
MIN	3.0	4.2	7.5	22	31	23	5.5	3.6	2.2	5.5	3.3	3.9
CFSM	.07	.17	.58	1.88	2.51	.97	.24	.30	.08	.96	.41	.15
IN.	.08	.19	.67	2.17	2.62	1.12	.27	.35	.08	1.11	.48	.17

CAL YR 1962: TOTAL 33,712.3 MEAN 92.4 MAX 1,260 MIN 3.0 CFSM .94 IN 12.75
WAT YR 1963: TOTAL 24,988.3 MEAN 67.4 MAX 1,280 MIN 2.2 CFSM .69 IN 9.30

BILOXI RIVER BASIN

2-4810 Biloxi River at Wortham, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3.0	1.4	19	38	180	168	60	293	32	291	79	40
2	3.0	1.4	17	55	142	1,010	54	346	73	186	80	26
3	3.0	1.6	31	125	109	1,350	50	290	43	210	273	20
4	2.7	1.6	31	284	91	694	50	194	25	231	208	17
5	2.7	2.0	24	485	118	442	50	147	18	174	85	16
6	2.7	2.2	18	1,460	160	280	101	112	14	109	48	16
7	2.7	2.4	16	1,540	125	204	248	94	12	61	30	112
8	2.4	2.4	15	1,070	114	175	193	80	11	35	476	145
9	2.2	5.5	14	1,070	101	157	122	69	10	23	494	102
10	2.2	7.1	12	687	82	144	82	61	10	19	229	58
11	2.0	4.5	12	366	69	120	58	54	12	15	108	34
12	1.8	4.2	21	572	60	101	49	80	12	14	70	22
13	1.8	4.2	353	411	56	86	58	410	10	13	47	16
14	3.9	3.9	538	246	64	82	205	299	9.3	14	62	14
15	2.7	3.3	322	186	70	96	466	124	9.3	16	147	13
16	1.8	3.3	157	204	74	132	238	78	8.5	16	125	40
17	1.6	3.0	101	432	83	101	120	54	8.5	16	91	59
18	1.4	3.0	74	371	327	72	82	40	8.2	14	220	79
19	1.4	3.0	55	464	308	308	64	30	8.5	19	1,050	260
20	1.3	3.0	43	232	162	808	52	25	9.7	43	616	174
21	1.2	3.0	91	200	114	395	42	21	9.7	42	218	91
22	1.2	3.6	166	182	114	196	33	19	8.9	35	182	59
23	1.2	90	205	292	107	139	27	17	11	85	154	58
24	1.3	37	139	278	88	118	24	16	19	98	200	26
25	1.3	19	99	258	447	256	25	17	28	97	106	20
26	1.3	14	78	198	442	304	1,740	17	111	143	79	17
27	1.4	11	64	153	336	189	7,510	19	84	80	59	15
28	1.4	15	54	164	416	126	3,030	17	166	91	54	14
29	1.3	25	40	144	244	102	772	14	523	120	45	14
30	1.2	23	33	114	-----	83	403	12	715	210	184	14
31	1.3	-----	31	128	-----	67	-----	16	-----	100	58	-----
TOTAL	60.4	303.6	2,873	12,409	4,803	8,505	16,008	3,065	2,019.6	2,620	5,877	1,571
MEAN	1.95	10.1	92.7	400	156	274	504	98.9	64.3	84.3	190	52.2
MAX	3.9	90	538	1,540	447	1,350	7,510	410	715	291	1,050	260
MIN	1.2	1.4	12	38	56	67	24	12	8.2	13	30	13
CFSM	.02	.10	.94	4.07	1.68	2.79	5.43	1.01	.68	.86	1.93	.53
IN.	.02	.11	1.09	4.69	1.82	3.22	6.06	1.16	.76	.99	2.22	.59

CAL YR 1963: TOTAL 25,344.7 MEAN 69.4 MAX 1,280 MIN 1.2 CFSM .71 IN 9.59
WAT YR 1964: TOTAL 60,114.6 MEAN 164 MAX 7,510 MIN 1.2 CFSM 1.67 IN 22.74

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	15	16	148	66	153	1,200	146	14	15	24	63	78
2	16	14	100	68	149	1,250	106	12	11	17	36	110
3	27	12	83	281	130	683	85	11	8.4	14	21	302
4	71	11	90	224	110	376	75	9.6	6.8	12	14	300
5	240	11	120	126	100	260	67	9.2	6.0	17	13	242
6	175	9.6	109	86	224	200	61	8.4	5.5	14	12	137
7	81	9.6	71	70	346	164	54	8.0	11	10	22	81
8	45	11	56	59	236	140	48	7.6	65	123	25	51
9	31	11	48	53	181	126	43	7.2	40	94	67	34
10	24	10	45	90	159	118	39	6.8	60	90	60	284
11	19	10	1,480	208	140	126	34	6.8	80	228	35	696
12	16	11	1,230	113	453	125	31	6.4	100	228	26	282
13	15	10	687	77	712	118	29	6.0	300	88	24	181
14	14	9.6	318	66	372	110	27	6.0	1,100	67	17	103
15	14	9.6	212	63	218	99	24	5.8	800	58	32	70
16	14	9.6	155	56	176	90	22	5.5	1,200	41	21	51
17	13	9.6	126	49	1,450	90	18	5.5	370	224	29	40
18	12	9.6	162	43	1,670	114	17	5.5	224	114	61	56
19	11	11	224	43	890	97	17	5.3	96	52	834	224
20	11	32	157	45	401	79	18	5.0	53	40	543	140
21	9.6	38	137	45	294	77	15	6.8	33	22	254	88
22	9.2	35	157	194	236	67	15	193	22	15	264	58
23	8.8	27	133	2,630	185	63	17	149	17	34	126	41
24	8.4	120	117	1,780	248	64	31	51	13	31	72	34
25	8.0	461	219	828	300	65	31	25	11	18	45	27
26	8.0	240	196	429	180	185	43	16	9.6	12	31	22
27	7.6	122	133	322	140	318	28	12	11	15	31	19
28	56	708	90	232	126	427	25	116	40	58	33	24
29	135	629	73	191	-----	234	22	244	64	31	906	123
30	35	281	66	176	-----	149	16	67	39	91	447	670
31	21	-----	65	181	-----	172	-----	29	-----	99	121	-----
TOTAL	1,172.6	2,898.2	7,007	8,894	9,979	7,386	1,204	1,060.4	4,811.3	1,981	4,285	4,567
MEAN	37.8	96.6	226	287	356	238	40.1	34.2	63.9	63.9	138	152
MAX	240	708	1,480	2,630	1,670	1,250	146	244	1,200	228	906	696
MIN	7.6	9.6	45	43	100	63	15	5.0	5.5	10	12	19
CFSM	.38	.98	2.30	2.92	3.63	2.42	.41	.35	1.63	.65	1.41	1.55
IN.	.44	1.10	2.65	3.36	3.78	2.79	.46	.40	1.82	.75	1.62	1.73

CAL YR 1964: TOTAL 67,955.4 MEAN 186 MAX 7,510 MIN 1.6 CFSM 1.89 IN 25.71
WAT YR 1965: TOTAL 55,245.3 MEAN 151 MAX 2,630 MIN 5.0 CFSM 1.54 IN 20.90

695

Location (revised) --Lat 30°35'40", long 89°20'25", in SW¼ sec 19, T 5 S, R 13 W, St Stevens meridian, near center of span on downstream side of bridge on State Highway 53, 1 mile upstream from Mill Creek, 1 4 miles downstream from Crane Creek, and 15 miles northwest of Lyman

Annual maximum discharge (*) and peak discharges above base (4,000 cfs), and annual minimum discharge								
Water Year	Maximum				Minimum			
	Date	Time	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)	
1964	Sept 18, 1964	2400	1,400	5 25	Sept 13, 15-16, 1964	35	0 16	
1965	Dec 12, 1964	1800	5,150	11 50	May 20, 1965	a 40	-	
	Jan 24, 1965	1300	* 5,960	12 51	-	-	-	
	Feb 18, 1965	0600	5,310	11 70	-	-	-	

DISCHARGE, IN CUBIC FEET PER SECOND, SEPTEMBER 1964									
DAY	SEPT	DAY	SEPT	DAY	SEPT	DAY	SEPT	DAY	SEPT
1	100	7	400	13	35	19	1,240	25	66
2	80	8	500	14	41	20	682	26	56
3	70	9	238	15	35	21	350	27	53
4	60	10	121	16	35	22	168	28	50
5	60	11	74	17	49	23	116	29	73
6	200	12	49	18	943	24	88	30	150
TOTAL									6,182
MEAN									206
MAX									1,240
MIN									35
CFSM									81
IN									91

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	238	121	461	315	456	849	364	80	60	70	175	200
2	186	98	320	348	397	2,140	307	70	55	60	103	150
3	548	87	210	310	369	1,580	229	65	50	50	79	300
4	1,720	71	648	480	329	1,270	197	62	46	45	72	500
5	2,370	60	1,230	424	300	866	185	60	44	43	69	600
6	1,350	59	1,100	325	346	544	175	57	42	158	66	300
7	682	60	757	302	740	427	168	55	45	192	99	150
8	422	67	424	251	740	378	155	52	58	142	380	100
9	291	80	293	635	642	362	140	50	120	203	585	73
10	214	79	163	1,480	538	329	130	48	76	210	369	506
11	186	73	1,800	1,170	484	303	119	47	65	249	233	1,600
12	652	990	4,340	1,710	1,410	546	513	209	54	126	1,300	1,200
13	128	63	3,200	608	2,370	373	113	45	165	90	80	800
14	118	64	1,470	330	1,660	362	110	44	46	117	80	344
15	118	64	882	273	689	324	105	43	72	78	70	184
16	116	64	590	224	520	311	100	42	322	70	65	150
17	101	74	520	212	2,220	296	95	42	173	69	61	160
18	82	539	219	241	4,930	92	110	42	110	62	70	200
19	78	110	802	208	2,610	286	88	41	69	60	450	400
20	76	358	822	195	1,490	267	94	40	61	56	471	200
21	75	405	660	193	972	197	329	50	55	52	756	170
22	71	240	486	247	746	189	172	65	50	48	544	110
23	67	150	528	3,220	602	218	203	87	48	46	355	90
24	65	191	575	5,460	511	221	175	45	46	46	250	79
25	64	1,510	438	2,930	630	233	116	62	45	44	200	108
26	64	1,060	282	1,730	594	214	105	54	44	43	170	75
27	65	710	288	1,040	458	280	98	49	48	43	150	67
28	94	872	345	750	400	414	95	48	64	49	200	66
29	118	1,370	277	477	425	94	121	70	121	70	70	70
30	193	889	262	560	-----	322	85	88	127	461	500	130
31	144	889	275	493	-----	309	-----	77	-----	309	300	-----

TOTAL	10,302	9,197	25,57	26,487	28,453	14,873	4,533	1,779	2,265	3,486	7,853	9,182
MEAN	332	307	828	854	1,016	880	151	51.4	59.5	112	7.23	306
MAX	2,370	1,510	4,990	5,460	4,930	2,140	364	94	322	461	756	1,600
MIN	64	59	163	193	300	189	85	40	42	43	61	66
CFSM	1.31	1.21	3.27	3.38	4.02	1.90	.60	.23	.30	.44	1.00	1.21
IN	1.51	1.35	3.77	3.89	4.18	2.19	.67	.26	.33	.51	1.15	1.35
CAL YR 1964: TOTAL												
WAT YR 1965: TOTAL	144,049											
MEAN	395	MAX	5,460	MIN	40	CFSM	1.56	IN	21.17			

2-4815 7 Catahoula Creek near Santa Rosa, Miss

Location --Lat 30°24'25", long 89°32'18", in NW 1/4 sec 30, T 7 S, R 15 W, St Stephens meridian, near left bank 10 ft upstream from bridge on county highway, 0.2 mile downstream from Dead Tiger Creek, 0.3 mile upstream from Lion Branch, 2.9 miles upstream from Bayou Bacon, and 7 miles southeast of Santa Rosa

Drainage area --155 sq mi

Records available --July 1962 to September 1965

Gage --Water-stage recorder Datum of gage is 0.03 ft below mean sea level

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,000 cfs), July 1962 to September 1965											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Aug 3, 1962	2100	* 237	9.84	Jan 7, 1964	0130	4,560	19.38	Dec 12, 1964	1100	2,370	16.54
				Mar 5, 1964	0500	2,370	16.38	Jan 24, 1965	0400	3,770	18.81
Jan 21, 1963	1500	* 2,630	16.80	Apr 27, 1964	1300	* 16,600	25.05	Feb 18, 1965	0900	* 3,880	18.97

a From floodmark

Annual minimum daily discharge, July 1962 to September 1965							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1962	Sept 28-30, 1962	11		1964	Oct 30, 31, 1963	8.2	
1963	Nov 14, 15, 1962	10					

1962-65 Maximum discharge, 16,600 cfs Apr 27, 1964 (gage height, 25.05 ft, from floodmark), from rating curve extended above 6,100 cfs on basis of field estimate of peak flow, minimum daily, 8.2 cfs Oct 30, 31, 1963

Flood in December 1961 reached a stage of 21.5 ft (from information by Corps of Engineers)

Remarks -- Records good

Cooperation --Gage-height record, 70 discharge measurements, and records of daily discharge furnished by Corps of Engineers, four discharge measurements made and records reviewed by Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, JULY TO SEPTEMBER 1962															
DAY	JULY	AUG	SEPT	DAY	JULY	AUG	SEPT	DAY	JULY	AUG	SEPT	DAY	JULY	AUG	SEPT
1	200	94	18	9	20	40	21	17	28	18	17	25	17	21	12
2	80	109	18	10	19	32	24	18	26	17	17	26	19	30	13
3	35	226	19	11	18	26	25	19	24	16	15	27	27	23	12
4	31	203	24	12	19	22	24	20	24	17	14	28	28	24	11
5	27	108	22	13	24	21	23	21	27	28	14	29	44	20	11
6	24	70	20	14	28	19	20	22	23	26	13	30	124	19	11
7	23	59	19	15	49	19	20	23	21	28	12	31	108	19	-----
8	21	73	19	16	39	19	18	24	18	23	12				
TOTAL													1,215	1,469	518
MEAN													39.2	47.4	17.3
MAX													200	226	25
MIN													17	16	11
CFSM													25	31	11
IN.													29	35	12

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963															
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.			
1	14	11	27	184	111	246	38	16	50	35	42	35			
2	19	12	25	118	101	216	38	17	37	24	38	28			
3	12	12	24	94	104	187	38	18	30	26	35	26			
4	12	12	23	81	187	165	38	17	25	251	32	24			
5	13	11	20	61	145	194	39	15	22	120	30	26			
6	13	11	20	56	104	377	40	15	21	59	27	24			
7	12	11	21	59	82	431	68	15	19	40	29	21			
8	14	12	21	57	73	280	142	15	19	35	46	19			
9	15	12	20	49	66	203	77	15	33	191	35	15			
10	13	11	20	43	59	165	56	13	21	129	33	15			
11	12	11	20	50	86	140	46	13	22	58	30	14			
12	12	12	20	143	360	136	43	13	18	43	26	12			
13	12	11	24	248	418	127	42	13	16	188	20	12			
14	12	10	20	226	262	122	42	13	15	163	16	12			
15	12	10	19	167	180	106	37	13	12	66	11	14			
16	12	11	20	122	144	91	36	14	12	43	11	31			
17	12	11	20	85	118	80	33	13	12	36	11	46			
18	12	11	21	91	116	74	28	18	13	32	11	58			
19	11	11	21	277	600	59	22	24	13	31	12	54			
20	11	20	21	1,760	787	108	22	73	13	35	12	42			
21	14	47	22	2,440	477	122	21	129	12	33	13	33			
22	15	171	24	1,360	297	74	19	115	13	40	13	28			
23	21	176	28	1,689	234	91	19	146	16	53	22	23			
24	19	86	35	383	439	48	17	127	19	52	139	20			
25	18	54	38	277	945	43	19	54	168	46	50	19			
26	15	43	40	221	692	43	23	36	88	116	160	17			
27	14	37	39	189	425	46	24	27	45	120	83	17			
28	13	38	38	163	291	47	19	27	36	75	41	17			
29	12	30	236	138	-----	46	18	102	31	50	33	16			
30	13	28	606	133	-----	41	19	322	72	53	56	14			
31	12	-----	364	118	-----	39	-----	98	-----	46	77	-----			
TOTAL	421	938	1,897	10,082	7,903	4,107	1,123	1,546	923	2,289	1,194	732			
MEAN	13.6	31.3	61.2	323	252	132	46.9	50.8	31.8	73.8	38.5	24.4			
MAX	21	176	606	2,440	945	431	142	322	168	251	160	58			
MIN	11	10	19	43	59	39	17	13	12	24	11	12			
CFSM	.09	.20	.39	2.10	1.82	.85	.24	.32	.20	.48	.25	.16			
IN.	.10	.23	.46	2.42	1.90	.99	.27	.37	.22	.55	.29	.18			
CAL YR 1962: TOTAL															
MAY YR 1963: TOTAL	33,155	MEAN 90.8		MAX 2,440		MIN 10		CFSM .59		IN 7.96					

JOURDAN RIVER BASIN

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2-4815 7 Catahoula Creek near Santa Rosa, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	12	9.4	46	64	264	284	113	477	259	302	140	20
2	12	11	40	72	263	791	98	360	194	207	100	19
3	12	9.4	62	160	198	1,990	88	324	115	200	165	16
4	12	9.4	75	244	165	1,190	84	257	74	338	368	12
5	12	11	58	516	169	765	82	190	58	192	219	13
6	12	11	48	2,070	235	485	102	149	50	91	84	20
7	12	11	42	3,360	201	324	278	122	44	58	115	316
8	12	10	39	1,780	167	266	318	96	40	45	502	1,030
9	11	28	36	2,910	147	234	244	85	38	35	504	710
10	11	24	36	1,660	113	205	163	78	36	29	320	335
11	11	25	35	849	88	183	108	77	35	25	216	198
12	11	19	53	945	72	149	81	75	30	27	180	124
13	11	16	356	873	61	129	71	112	37	24	106	80
14	12	14	1,030	526	62	111	245	324	33	24	63	52
15	11	14	812	338	74	117	243	243	30	28	57	44
16	11	14	456	296	74	174	374	124	26	29	58	38
17	11	13	298	542	77	149	211	69	23	26	61	45
18	11	12	234	594	374	106	144	46	24	21	95	100
19	10	12	438	544	228	108	34	35	17	407	400	34
20	10	13	160	344	320	1,240	85	28	60	15	399	300
21	10	14	189	315	194	840	70	28	31	13	220	150
22	10	15	266	284	163	448	63	28	24	20	145	100
23	10	33	300	477	160	284	58	31	27	98	84	70
24	9.4	36	111	286	127	225	54	78	24	151	84	50
25	10	36	207	482	374	398	54	208	42	324	68	35
26	10	30	163	395	669	624	2,760	180	51	283	52	30
27	10	26	135	289	502	435	13,600	199	61	199	50	25
28	10	36	111	286	552	275	6,040	135	59	136	46	22
29	8.8	55	90	282	430	208	1,740	74	114	230	39	20
30	8.2	61	75	212	-----	167	815	52	267	252	35	20
31	8.2	-----	67	192	-----	145	-----	85	-----	210	27	-----
TOTAL	331.6	630.2	5,979	22,298	6,839	13,169	28,890	4,368	1,941	3,649	5,029	4,394
MEAN	10.7	21.0	193	715	236	425	963	141	64	112	152	146
MAX	12	61	1,030	3,360	669	1,990	13,600	477	267	338	504	1,030
MIN	8.2	9.4	35	64	61	106	54	28	23	13	27	12
CFSM	.07	.14	1.24	4.64	1.52	2.74	6.21	.91	.42	.76	1.05	.94
IN.	.08	.15	1.43	5.35	1.64	3.16	6.93	1.05	.47	.88	1.21	1.05

CAL YR 1963: TOTAL 36,839.8

MEAN 101

MAX 2,440

MIN 8.2

CFSM .65

IN 8.84

WAT YR 1964: TOTAL 97,517.8

MEAN 266

MAX 13,600

MIN 8.2

CFSM 1.72

IN 23.40

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
1	945	63	410	107	240	313	231	30	22	43	79	47
2	425	52	262	98	204	1,080	167	29	22	31	52	37
3	286	46	221	112	194	1,080	130	28	21	29	39	34
4	134	44	176	204	158	696	111	28	20	31	35	32
5	1,540	42	339	182	136	452	99	27	20	26	32	35
6	740	41	293	118	174	333	91	27	19	26	30	35
7	369	43	194	97	444	256	85	25	24	36	40	44
8	261	53	142	87	432	206	78	24	26	74	35	33
9	225	50	117	82	295	170	71	24	25	263	52	30
10	187	50	104	167	232	154	66	23	22	250	66	162
11	147	50	680	370	210	156	71	22	20	144	52	929
12	115	50	2,250	258	796	156	58	20	20	247	80	800
13	88	50	1,390	161	1,650	147	53	20	22	212	60	446
14	74	50	780	234	898	142	51	20	20	148	47	200
15	67	49	508	122	559	130	49	20	28	83	38	122
16	63	48	366	103	412	116	47	19	75	57	33	108
17	57	46	289	92	1,540	108	44	18	285	41	74	99
18	53	43	273	84	3,580	106	42	18	209	35	122	197
19	46	42	304	81	1,990	100	40	18	89	31	77	115
20	43	38	267	79	952	96	40	18	50	33	80	114
21	40	50	206	78	617	94	41	24	36	37	84	123
22	38	98	210	96	465	84	38	98	29	40	74	97
23	35	46	200	2,090	361	78	36	214	26	35	75	74
24	33	142	170	3,260	325	78	34	113	24	31	42	65
25	32	900	168	1,780	386	78	36	60	24	30	34	57
26	30	808	185	862	311	94	36	42	26	28	32	50
27	28	476	156	612	216	181	34	34	50	26	30	46
28	32	528	126	465	180	668	32	31	94	32	44	30
29	83	1,210	110	342	-----	422	31	30	146	29	35	46
30	184	818	103	275	-----	256	31	25	79	219	34	90
31	105	-----	106	260	-----	236	-----	22	-----	159	43	-----
TOTAL	6,505	6,026	11,105	12,859	17,957	8,266	1,973	1,151	1,573	2,401	1,618	4,311
MEAN	210	201	358	415	641	267	65.8	37.1	52.4	77.5	52.1	144
MAX	1,540	1,210	2,250	3,260	3,580	1,080	231	214	285	263	122	929
MIN	28	38	103	78	136	78	31	18	19	26	30	30
CFSM	1.35	1.30	2.31	2.68	4.14	1.72	43	24	34	50	34	93
IN	1.56	1.45	2.66	3.09	4.31	1.98	47	28	38	58	39	103

CAL YR 1964: TOTAL 114,213

MEAN 312

MAX 13,600

MIN 18

CFSM 2.01

IN 27.41

WAT YR 1965: TOTAL 75,743

MEAN 208

MAX 3,580

MIN 18

CFSM 1.34

IN 18.18

PEARL RIVER BASIN

2-4820 Pearl River at Edinburg, Miss

Location --Lat 32°47', long 89°20', in SW 1/4 sec 13, T 11 N, R 9 E, Choctaw meridian, on right bank 20 ft downstream from bridge on State Highway 16 at Edinburg, 1,100 ft downstream from Hooper Mill Creek, and 3 miles upstream from Rice Creek

Drainage area --898 sq mi

Records available --August 1928 to September 1965 Gage-height records collected in same vicinity since 1908 are contained in reports of U S Weather Bureau

Gage --Digital water-stage recorder Datum of gage is 341.67 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 Prior to July 2, 1930, staff gage at site 500 ft upstream at datum 0.12 ft higher July 2, 1930, to July 23, 1935, staff gage, July 24, 1935, to Sept 20, 1938, wire-weight gage and Sept 21, 1938, to June 24, 1964, graphic water-stage recorder at present site and datum

Average discharge --37 years, 1,050 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 24, 1961	27,800	a 26.41	Oct 4, 5, 1960	15	1.30
1962	Dec 20, 1961	25,300	b 26.20	Sept 10, 1962	14	c 1.33
1963	Mar 15, 1963	1,900	13.00	June 18-25, 1963	8.5	d 1.50
1964	Mar 18, 1964	15,000	23.10	Oct 25, 1963	2.7	1.23
1965	Feb 15, 1965	11,800	24.35	June 6, 1965	17	1.73

a 26.41 ft in gage well, 26.73 ft from outside gage

b 26.20 ft in gage well, 26.53 ft from outside gage

c Occurred Nov 1, 1961

d Occurred June 15-18, Sept 25-27, 1963

1928-65 Maximum discharge, 31,400 cfs Mar 8, 1935, maximum gage height, 26.41 ft in gage well, 26.73 ft from outside gage Feb 24, 1961, minimum discharge, 1.7 cfs Oct 5, 1964 (gage height, 1.02 ft)

Maximum stage known, 29.0 ft in March 1902, from reports of U S Weather Bureau

Remarks --Records good

Revisions (water years) --WSP 1504 1929-30, 1933

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	19	42	123	704	475	6,250	5,740	676	31	666	1,270	181
2	17	44	103	723	452	4,920	8,920	738	71	770	1,170	135
3	16	38	87	723	454	3,970	10,100	754	30	936	972	104
4	15	32	75	668	450	3,270	8,830	696	29	1,070	738	109
5	17	28	67	613	404	2,640	6,890	600	28	764	592	96
6	78	23	62	577	366	2,340	5,370	497	28	514	611	92
7	230	22	62	546	346	1,840	4,190	404	35	556	512	137
8	244	19	72	544	336	2,160	3,360	316	36	632	417	108
9	182	19	83	495	312	2,310	2,930	243	31	1,190	423	95
10	134	50	85	430	290	2,190	2,670	202	28	762	409	89
11	103	52	136	372	271	1,840	2,590	159	85	935	286	84
12	90	51	156	324	255	1,580	2,640	128	52	2,610	196	81
13	84	52	161	276	238	1,890	2,460	108	44	3,040	147	75
14	77	47	149	248	220	2,300	2,280	96	54	4,020	191	75
15	74	44	151	243	204	2,680	2,070	90	100	4,960	345	87
16	70	40	168	247	192	2,730	1,970	85	180	6,150	166	76
17	69	40	161	230	186	2,740	1,950	73	118	6,250	168	64
18	60	38	154	216	799	3,640	1,880	63	98	5,620	171	54
19	51	34	146	216	1,170	3,800	1,720	56	93	4,640	149	48
20	44	30	157	255	2,470	4,250	1,540	50	494	3,770	144	43
21	38	32	231	261	5,150	4,520	1,340	47	676	2,990	207	40
22	32	51	238	261	10,500	4,950	1,130	47	609	2,230	276	39
23	28	285	229	262	23,700	5,080	910	44	475	1,580	214	38
24	26	272	216	257	27,100	4,480	704	43	377	1,160	165	36
25	25	320	203	280	23,300	3,810	560	43	410	912	170	33
26	24	307	191	422	16,800	3,210	449	43	924	778	146	31
27	25	265	182	516	11,600	2,710	493	42	982	870	138	30
28	26	230	170	548	8,400	2,740	537	40	1,090	1,030	165	30
29	24	190	172	542	-----	3,050	541	38	820	1,160	198	30
30	24	152	231	541	-----	3,450	601	35	636	1,280	226	28
31	35	-----	465	499	-----	4,480	-----	32	-----	1,320	279	-----
TOTAL	1,981	2,849	4,886	13,039	136,440	101,820	87,365	6,488	8,624	65,165	11,211	2,168
MEAN	63.9	95.0	158	421	4,873	3,283	2,912	209	287	2,102	362	72.3
MAX	244	320	465	723	27,100	6,250	10,100	754	1,090	6,250	1,270	181
MIN	15	19	62	216	186	1,580	449	32	28	514	138	28
CFSM	.07	.11	.18	.47	5.43	3.66	3.24	.73	.32	2.34	.40	.08
IN.	.08	.12	.20	.54	5.65	4.22	3.62	.27	.36	2.70	.46	.09

CAL YR 1960 TOTAL 389,263.3
WAT YR 1961: TOTAL 442,036

MEAN 1.064
MEAN 1.211

MAX 12,300
MAX 27,100

MIN 9.7
MIN 15

CFSM 1.18
CFSM 1.35

IN 16.12
IN 18.31

PEARL RIVER BASIN

699

2-4820 Pearl River at Edinburg, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	28	15	1,630	1,420	6,360	6,040	1,930	2,640	137	151	57	17
2	42	18	1,510	1,400	5,150	5,260	1,890	2,530	123	134	61	16
3	59	71	1,360	1,300	4,300	4,670	1,800	2,840	118	118	73	16
4	65	121	1,190	1,180	3,520	4,200	1,390	2,840	273	101	79	16
5	57	133	1,020	1,760	2,700	3,740	1,320	2,420	282	84	72	20
6	46	127	1,270	3,260	2,020	3,210	2,560	1,860	191	71	51	21
7	39	100	1,450	4,130	1,620	2,590	3,110	1,420	168	60	44	19
8	36	83	1,500	5,580	1,370	2,050	3,340	1,120	162	52	44	18
9	43	68	1,550	6,900	1,190	2,160	3,270	858	148	51	40	16
10	52	60	2,420	7,000	1,030	2,450	3,480	599	124	50	34	15
11	47	52	2,940	6,120	887	2,990	6,250	424	115	45	30	15
12	43	47	5,480	5,140	762	3,090	13,000	322	103	44	26	17
13	38	198	7,670	4,210	676	3,080	19,500	258	102	44	24	19
14	34	1,010	16,100	3,450	606	3,200	22,400	207	103	42	22	23
15	31	910	23,500	3,590	563	3,500	17,100	173	98	38	21	42
16	27	1,740	21,900	3,540	575	3,460	11,600	148	89	34	20	55
17	23	1,700	21,000	3,740	570	3,100	8,100	134	81	40	18	40
18	19	1,610	21,300	3,750	566	2,560	5,920	124	73	55	19	31
19	19	1,440	23,500	4,400	722	2,010	4,570	110	82	45	20	25
20	18	1,320	24,500	5,100	769	1,620	3,590	101	220	38	20	21
21	17	1,290	18,700	5,510	819	1,420	2,510	92	114	34	21	19
22	16	1,350	12,400	5,300	2,160	1,220	1,680	84	89	33	19	17
23	16	1,900	8,810	5,030	2,930	1,060	1,240	76	81	31	17	16
24	23	2,080	6,510	4,750	3,480	896	965	72	79	29	17	16
25	38	2,280	5,030	4,370	4,450	796	877	69	84	31	85	15
26	32	2,120	4,100	4,120	5,500	716	1,140	66	152	38	38	15
27	30	1,850	3,210	5,280	6,190	637	1,200	66	137	36	31	25
28	28	1,700	2,360	6,580	6,430	584	1,470	62	118	32	24	28
29	24	1,680	1,820	8,380	-----	559	1,770	58	181	77	21	23
30	18	1,690	1,480	8,850	-----	550	2,440	98	167	73	20	20
31	16	-----	1,350	7,810	-----	1,280	-----	157	-----	60	17	-----
TOTAL	1,024	28,763	248,580	142,950	68,115	74,698	150,812	22,028	3,994	1,771	1,085	656
MEAN	33.3	926.3	7,700	4,450	2,197	2,410	4,700	694.8	125.3	54.1	33.8	21.9
MAX	65	2,280	24,500	8,850	6,430	6,040	22,400	2,840	282	151	85	55
MIN	16	15	1,020	1,180	563	550	877	58	73	29	17	15
CFSM	.04	1.07	8.93	5.14	2.71	2.68	5.60	.79	.15	.06	.04	.02
IN.	.04	1.19	10.3	5.92	2.82	3.09	6.25	.91	.17	.07	.04	.03

CAL YR 1961: TOTAL 710,687 MEAN 1,947 MAX 27,100 MIN 15 CFSM 2.17 IN 29.43
WAT YR 1962: TOTAL 744,476 MEAN 2,040 MAX 24,500 MIN 15 CFSM 2.27 IN 30.83

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	21	32	45	156	725	661	304	262	12	19	426	30
2	31	31	45	157	778	704	264	260	11	32	471	29
3	33	31	46	149	1,180	674	226	215	11	20	475	25
4	34	32	50	136	1,150	624	190	174	11	18	485	28
5	44	32	56	130	1,140	645	170	140	9.6	22	533	47
6	41	32	57	127	1,070	834	204	117	9.3	26	594	31
7	32	32	53	123	998	767	244	96	17	24	626	25
8	172	34	55	115	934	726	232	104	24	26	608	21
9	227	33	56	108	874	743	237	88	18	28	515	20
10	148	32	53	102	821	789	237	72	17	35	360	21
11	142	32	50	108	782	807	215	59	15	54	235	20
12	141	38	46	184	701	1,110	202	52	13	73	158	20
13	133	42	41	213	583	1,330	192	45	12	85	114	30
14	124	40	40	189	496	1,630	174	38	11	104	88	26
15	110	38	42	186	432	1,870	157	34	9.3	93	81	21
16	94	38	45	182	381	1,630	137	31	8.5	126	66	18
17	86	51	47	176	339	1,280	117	29	8.5	223	53	17
18	82	91	47	205	331	1,120	103	28	8.8	300	46	17
19	84	81	46	396	723	1,070	96	26	8.8	340	40	16
20	76	88	45	706	740	1,120	85	24	9.9	381	48	16
21	66	106	48	689	736	1,130	82	23	15	432	65	16
22	61	108	50	655	723	1,080	85	22	20	503	76	15
23	57	94	50	639	721	954	80	21	23	579	69	15
24	48	82	52	637	769	780	72	20	28	640	58	14
25	41	73	65	605	800	610	65	18	25	659	52	13
26	36	66	59	595	769	501	64	17	21	613	58	12
27	35	61	57	597	709	450	64	17	18	501	37	14
28	34	58	56	536	648	411	65	16	19	359	32	16
29	34	54	166	479	-----	394	126	16	26	253	28	16
30	32	47	174	623	-----	374	190	14	22	208	28	15
31	32	-----	159	754	-----	343	-----	14	-----	402	26	-----
TOTAL	2,333	1,609	1,901	10,657	21,053	27,161	4,681	2,092	461.7	7,178	6,551	624
MEAN	75.3	52.6	61.3	344	752	876	156	67.5	15.4	232	211	20.8
MAX	227	108	174	754	1,180	1,870	304	262	28	659	626	47
MIN	21	31	40	102	331	343	64	14	8.5	18	26	12
CFSM	.08	.06	.07	.38	.84	.98	.17	.08	.02	.26	.24	.02
IN.	.10	.07	.08	.44	.87	1.12	.19	.09	.02	.30	.27	.03

CAL YR 1962: TOTAL 471,952 MEAN 1,293 MAX 22,400 MIN 15 CFSM 1.44 IN 19.55
WAT YR 1963: TOTAL 86,301.7 MEAN 1,236 MAX 1,870 MIN 8.5 CFSM .26 IN 3.57

2-4820 Pearl River at Edinburg, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	13	8.0	51	203	1,980	899	995	9,240	108	142	88	154
2	12	6.3	42	189	1,860	2,220	908	6,900	104	151	86	111
3	11	5.1	49	189	1,630	3,610	816	5,160	90	164	126	84
4	10	7.7	49	192	1,390	4,390	725	4,000	75	220	179	66
5	8.6	8.3	44	199	1,180	6,700	912	3,000	66	400	168	55
6	7.7	7.4	35	203	1,020	9,440	3,240	2,080	60	573	129	48
7	6.9	6.9	28	230	819	9,620	3,440	1,560	56	666	96	43
8	6.9	6.6	26	250	648	8,440	3,890	1,200	51	632	92	40
9	6.3	6.9	25	600	543	7,250	4,910	935	48	1,830	82	36
10	5.6	6.9	26	654	481	6,330	5,830	722	46	1,630	68	32
11	5.3	6.3	53	666	433	5,570	5,450	550	44	1,580	56	30
12	5.1	6.1	130	688	395	4,990	4,720	499	43	1,540	50	28
13	4.4	5.6	135	732	397	4,430	4,830	541	45	1,310	44	26
14	4.0	7.4	200	742	488	4,100	5,480	418	41	1,040	38	25
15	3.6	19	214	764	518	5,910	6,460	365	45	863	36	22
16	3.6	24	193	796	612	7,440	7,790	340	71	1,360	2,130	22
17	3.5	15	182	834	636	12,300	7,880	327	81	1,190	1,900	22
18	3.3	14	183	836	838	14,400	6,700	315	71	1,220	1,910	24
19	3.2	14	183	798	1,060	11,900	5,340	282	56	844	1,790	28
20	3.3	14	177	722	1,110	8,470	4,270	230	48	577	1,430	28
21	3.1	14	170	614	1,070	6,320	3,390	175	41	503	1,670	29
22	3.0	16	165	495	1,010	4,890	2,540	136	102	520	2,020	28
23	3.0	30	234	418	956	3,900	2,000	108	173	501	1,960	28
24	2.8	49	215	727	924	3,060	1,710	89	67	459	1,720	26
25	2.8	42	201	1,450	1,010	2,340	1,750	74	210	413	1,390	22
26	3.1	32	223	1,390	1,120	1,980	2,470	60	170	315	1,050	20
27	3.2	28	244	1,440	1,140	1,850	3,980	62	189	247	726	19
28	3.5	25	251	1,360	1,090	1,730	4,700	105	177	205	518	20
29	3.6	48	242	1,300	979	1,480	8,100	126	161	171	408	44
30	3.6	57	233	1,610	-----	1,260	10,700	108	150	138	345	232
31	5.1	-----	220	1,900	-----	1,100	-----	90	-----	110	228	-----
TOTAL	164.1	536.5	4,423	23,191	27,317	167,919	122,936	39,797	2,689	21,514	22,523	1,392
MEAN	5.29	17.9	143	748	862	5,400	3,958	1,284	84	666	715	51
MAX	13	57	251	1,900	1,980	14,400	10,700	9,240	210	1,830	2,130	232
MIN	2.8	5.1	25	189	395	899	725	60	41	110	36	19
CFSM	.006	.02	.16	.83	1.05	6.03	4.67	1.43	.10	.77	.81	.05
IN.	.007	.02	.18	.96	1.13	6.95	5.22	1.65	.11	.89	.93	.06

CAL YR 1963: TOTAL 85,582.3 MEAN 234 MAX 1,870 MIN 2.8 CFSM .26 IN 3.54
 MAY YR 1964: TOTAL 437,411.6 MEAN 1,195 MAX 14,400 MIN 2.8 CFSM 1.33 IN 18.12

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	359	49	1,750	1,260	1,860	1,840	3,600	121	41	76	108	57
2	272	48	1,480	1,190	1,890	2,190	3,950	111	34	56	75	51
3	203	49	1,240	1,340	1,370	2,140	4,060	102	27	43	53	47
4	656	48	1,700	1,220	1,140	2,020	3,950	94	22	60	43	45
5	1,330	47	1,780	1,150	896	1,840	3,580	87	19	121	35	47
6	1,400	44	2,030	1,100	724	1,790	3,110	84	24	114	30	46
7	1,720	44	2,010	1,080	678	1,870	2,610	78	120	98	32	39
8	1,480	45	1,750	1,060	666	1,910	2,190	68	259	229	98	33
9	1,030	42	1,510	1,050	777	1,830	1,900	62	330	510	654	28
10	805	41	1,300	1,360	1,590	1,680	1,690	56	312	428	483	24
11	770	41	2,130	1,340	2,460	1,510	1,520	49	227	265	344	387
12	766	42	2,640	1,290	4,010	1,470	1,350	45	172	154	230	534
13	692	41	2,920	1,160	6,060	1,520	1,170	42	117	111	166	319
14	501	40	3,190	1,050	10,700	1,590	984	40	88	99	138	278
15	327	40	3,040	998	11,500	1,420	824	37	89	82	91	343
16	225	39	3,100	1,010	9,570	1,240	698	35	148	92	68	461
17	163	39	3,310	1,010	7,680	1,210	601	33	108	88	58	524
18	123	40	3,250	977	6,180	1,330	519	31	86	62	55	499
19	97	44	2,900	895	5,160	1,430	430	29	68	49	47	385
20	83	101	2,510	772	4,290	1,390	366	27	55	40	52	250
21	73	99	2,170	654	3,540	1,310	309	26	47	33	45	169
22	66	90	1,930	612	2,860	1,230	265	25	42	27	39	133
23	61	73	1,750	1,640	2,380	1,180	230	26	37	21	40	291
24	54	86	1,580	2,000	2,120	1,150	201	26	33	124	49	730
25	52	287	1,450	2,440	2,070	1,180	177	25	99	587	44	1,040
26	49	333	1,340	2,540	2,000	1,380	156	23	153	243	46	1,250
27	49	315	1,240	2,230	1,850	1,740	168	25	100	749	58	1,180
28	49	1,500	1,140	2,090	1,660	1,920	175	37	66	688	73	1,210
29	55	1,500	1,030	2,330	-----	1,960	148	35	49	431	71	1,410
30	52	1,700	922	2,380	-----	2,720	130	32	39	271	79	1,920
31	51	-----	1,190	2,160	-----	2,970	-----	42	-----	171	65	-----
TOTAL	13,613	6,907	61,282	43,608	97,391	51,960	41,061	1,553	3,011	6,122	3,467	13,730
MEAN	439	230	1,977	1,407	3,478	1,676	1,369	50.1	100	197	112	448
MAX	1,720	1,700	3,310	2,540	11,500	2,970	4,060	121	330	749	654	1,920
MIN	49	39	922	612	666	1,150	130	23	19	21	30	24
CFSM	.49	.26	2.20	1.57	3.87	1.87	1.52	.06	.11	.22	.12	.51
IN.	.56	.29	2.54	1.81	4.03	2.15	1.70	.06	.12	.25	.14	.57

CAL YR 1964: TOTAL 514,090 MEAN 1,405 MAX 14,400 MIN 19 CFSM 1.56 IN 21.29
 MAY YR 1965: TOTAL 343,705 MEAN 942 MAX 11,500 MIN 19 CFSM 1.05 IN 14.23

2-4825 5 Pearl River near Carthage, Miss

Location --Lat 32°42'25", long 89°31'35", in NW¼ sec 24, T 10 N, R 7 E, Choctaw meridian, on right bank at downstream side of bridge on State Highway 35, 2.1 miles south of Carthage, 4.0 miles downstream from Lobutcha Creek, and 10.8 miles upstream from Tuscolameta Creek

Drainage area --1,347 sq mi

Records available --September 1962 to September 1965

Gage --Digital water-stage recorder Datum of gage is 315.24 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 Prior to Oct 31, 1962, graphic water-stage recorder at present site and datum

Extremes --Maximum and minimum discharges for the period September 1962 to September 1965 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1962	Sept 17, 1962	185	4.43	Sept 26, 1962	71	3.20
1963	Mar 16, 1963	2,260	12.09	Sept 25-27, 1963	45	a 2.61
1964	Mar 19, 1964	18,200	23.12	Oct 30, 1963	31	2.36
1965	Feb 16, 1965	14,000	22.27	June 6, 1965	83	3.34

a Occurred Sept 26-27, 1963

1962-65 Maximum discharge, 18,200 cfs Mar 19, 1964, minimum, 31 cfs Oct 30, 1963
Maximum stage known about 27 ft in March 1902, flood in 1900 reached a stage of 25.6 ft, flood in 1932 reached a stage of 24.3 ft, flood of April 11, 1938, reached a stage of 23.3 ft, all from information by Corps of Engineers Flood of Dec 20, 1961, reached a stage of 25.4 ft (discharge 31,900 cfs)

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, SEPTEMBER 1962

DAY	DISCHARGE	DAY	DISCHARGE	DAY	DISCHARGE	DAY	DISCHARGE	DAY	DISCHARGE
SEPT 1	80	SEPT 7	80	SEPT 13	87	SEPT. 19	118	SEPT. 25	72
2	75	8	78	14	86	20	102	26	84
3	75	9	75	15	136	21	91	27	141
4	75	10	75	16	155	22	84	28	106
5	75	11	75	17	179	23	78	29	98
6	78	12	90	18	148	24	76	30	92
TOTAL..	..	..	..	..	..	..	..	..	2,864
MEAN	..	..	..	..	..	..	..	..	95.5
MAX	..	..	..	..	..	..	..	..	179
MIN.	..	..	..	..	..	..	..	..	72
CFSM.	..	..	..	..	..	..	..	..	.07
IN	..	..	..	..	..	..	..	..	.08

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	86	102	165	420	1,520	1,020	560	426	63	68	686	81
2	98	102	159	371	1,420	1,210	508	397	62	66	610	79
3	116	101	157	334	1,840	1,190	454	366	59	73	576	76
4	107	105	170	305	1,970	1,110	407	317	59	70	570	71
5	102	111	196	284	1,720	1,080	361	271	59	62	578	138
6	108	110	189	278	1,560	1,500	363	245	59	58	614	117
7	111	107	185	277	1,440	1,750	486	220	59	62	675	96
8	372	113	181	267	1,330	1,720	532	191	61	66	691	82
9	913	107	182	254	1,240	1,600	506	183	72	67	653	69
10	708	104	183	245	1,160	1,540	482	167	73	69	558	63
11	350	104	176	243	1,140	1,540	440	149	68	68	420	60
12	287	110	167	379	1,200	1,580	400	134	64	73	314	58
13	260	130	155	428	1,080	2,000	389	123	62	91	237	83
14	233	136	148	430	919	2,130	355	114	60	108	191	78
15	216	129	149	382	786	2,130	321	106	58	155	169	67
16	197	123	158	360	697	2,240	293	99	62	159	157	61
17	193	129	168	342	622	2,060	264	94	56	239	133	59
18	179	226	170	363	582	1,820	239	90	56	354	114	57
19	168	360	168	564	1,090	1,710	219	87	60	433	102	56
20	159	337	165	1,380	1,590	1,710	207	84	65	548	97	55
21	158	352	167	1,580	1,440	1,680	201	80	69	564	129	52
22	159	348	170	1,340	1,320	1,560	198	80	75	576	121	51
23	149	300	174	1,160	1,210	1,420	191	77	83	618	115	49
24	137	254	179	1,080	1,160	1,270	179	75	79	642	114	47
25	127	224	209	966	1,240	1,080	169	74	79	673	104	46
26	119	206	246	874	1,230	896	160	77	77	680	102	45
27	114	189	246	885	1,150	852	157	74	71	669	194	48
28	109	178	235	855	1,050	874	156	71	70	568	150	46
29	107	172	345	767	-----	731	266	70	67	446	104	78
30	107	168	600	910	-----	664	418	70	69	345	99	72
31	106	-----	530	1,470	-----	613	-----	66	-----	366	84	-----
TOTAL	6,355	5,237	6,492	19,793	34,666	44,280	9,881	4,677	1,976	9,036	9,461	2,060
MEAN	205	175	209	638	1,238	1,428	329	151	65.9	291	305	68.7
MAX	913	360	600	1,580	1,970	2,240	560	426	83	680	691	138
MIN	86	101	148	243	582	613	156	66	56	58	84	45
CFSM	.15	.13	.16	.47	.92	1.06	.24	.11	.05	.22	.23	.05
IN	.18	.14	.18	.55	.96	1.22	.27	.13	.05	.25	.26	.06

CAL YR 1962: TOTAL 153,914 MEAN 422 MAX 2,240 MIN 45 CFSM .31 IN 4.25

2-4825 5 Pearl River near Carthage, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	61	34	208	357	2,310	1,310	1,530	12,200	249	242	246	467
2	55	39	166	335	2,320	2,600	1,360	11,500	368	291	269	350
3	53	45	170	327	2,200	5,420	1,240	9,320	291	325	290	275
4	52	44	163	333	1,970	7,090	1,120	7,260	237	312	272	232
5	50	44	141	356	1,680	7,930	1,160	5,750	205	318	348	201
6	48	45	121	373	1,500	9,230	3,900	4,610	177	478	379	178
7	45	45	106	400	1,350	10,800	5,500	3,530	159	632	282	159
8	43	44	103	438	1,140	11,800	5,870	2,900	143	711	218	146
9	42	43	109	402	948	10,900	6,140	1,790	132	1,050	200	135
10	42	43	105	1,450	807	9,710	6,800	1,310	124	3,360	187	127
11	40	43	105	1,420	720	8,520	7,200	1,040	120	3,030	171	119
12	39	42	309	1,280	659	7,390	7,070	843	114	2,510	162	111
13	38	40	466	1,250	623	6,490	7,740	939	109	2,120	163	105
14	37	38	481	1,220	753	5,970	9,570	1,150	111	1,690	146	99
15	37	38	560	1,130	859	9,410	9,410	918	106	1,300	129	96
16	37	40	468	1,040	984	13,700	8,960	680	151	1,410	1,190	94
17	36	51	381	1,040	990	15,100	9,410	594	182	1,740	3,110	91
18	35	54	338	1,040	1,110	17,100	9,570	548	166	1,430	3,130	91
19	35	52	317	1,010	1,430	18,100	8,600	513	147	1,310	2,920	94
20	34	51	302	954	1,560	16,100	7,190	460	128	981	2,740	99
21	34	53	295	859	1,570	12,000	5,890	390	114	737	2,390	97
22	33	56	295	753	1,460	8,960	4,860	321	133	744	2,340	94
23	33	70	415	672	1,310	6,950	4,020	278	242	1,070	2,330	92
24	32	99	483	862	1,220	5,640	3,320	250	267	1,220	2,280	90
25	32	106	415	2,290	1,250	4,630	3,080	222	267	1,070	2,140	86
26	33	107	419	2,840	1,500	3,830	3,820	201	312	700	1,870	81
27	33	105	474	2,790	1,570	3,170	5,970	184	239	528	1,360	78
28	34	101	489	2,600	1,550	2,800	8,720	173	243	429	993	77
29	33	170	456	2,260	1,470	2,540	10,100	199	240	364	758	86
30	32	259	415	2,140	-----	2,130	11,000	222	235	316	643	148
31	32	-----	383	2,270	-----	1,790	-----	213	-----	278	634	-----
TOTAL	1,220	2,002	9,658	36,891	38,813	249,110	180,120	70,108	5,711	33,496	34,290	4,198
MEAN	39.4	66.7	312	1,190	1,338	8,036	6,004	2,262	190	1,081	1,106	140
MAX	61	259	560	2,840	2,320	18,100	11,000	12,200	368	3,360	3,130	467
MIN	32	36	103	327	623	1,510	1,120	173	106	242	129	77
CFSM	.03	.05	.23	.88	.99	5.27	4.46	1.68	.14	.80	.82	.40
IN.	.03	.06	.27	1.02	1.07	6.88	4.97	1.94	.16	.92	.95	.12
CAL YR 1963: TOTAL	148,710	MEAN	407	MAX	2,240	MIN	32	CFSM	.30	IN	4.11	
WAT YR 1964: TOTAL	665,617	MEAN	1,819	MAX	18,100	MIN	32	CFSM	1.35	IN	18.38	

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	270	127	2,050	2,150	2,530	2,730	4,780	308	137	116	305	150
2	394	123	1,860	1,860	1,500	1,240	3,120	285	127	159	225	126
3	340	122	1,680	1,850	1,910	3,820	5,110	265	113	128	173	114
4	502	122	1,740	1,730	1,630	3,710	5,180	246	101	118	137	110
5	1,730	121	2,370	1,590	1,380	3,410	5,120	233	91	142	116	109
6	1,960	120	2,370	1,500	1,160	3,100	4,840	218	85	190	105	109
7	1,690	118	2,360	1,420	1,030	2,970	4,320	208	106	258	106	109
8	1,830	115	2,290	1,360	993	2,950	3,660	196	163	295	204	107
9	1,610	119	2,030	1,330	1,100	2,860	3,040	183	293	365	788	103
10	1,170	117	1,720	1,710	2,210	2,530	2,610	168	368	550	1,180	100
11	933	113	2,290	2,020	4,260	2,210	2,280	160	365	489	790	880
12	872	115	3,730	1,900	8,900	2,060	2,000	150	379	367	515	1,970
13	849	119	4,050	1,570	12,000	2,190	1,750	140	300	257	388	1,610
14	763	121	4,010	1,570	11,300	2,210	1,520	131	242	197	352	1,390
15	616	114	4,030	1,400	12,400	2,190	1,300	126	222	175	340	1,150
16	475	112	3,950	1,320	13,800	2,000	1,120	123	214	170	236	1,010
17	358	111	3,870	1,290	13,100	1,810	983	117	228	163	194	1,030
18	285	111	3,950	1,260	10,800	1,860	883	113	204	148	410	845
19	240	120	3,950	1,210	8,580	1,960	785	109	175	136	254	646
20	206	187	3,800	1,120	7,000	2,010	690	105	147	121	180	519
21	183	240	3,520	1,010	5,890	1,920	614	103	125	104	166	397
22	168	232	3,130	928	4,940	1,730	554	101	110	103	145	312
23	157	204	2,770	1,640	4,120	1,600	497	98	102	102	124	334
24	146	195	2,430	2,800	3,400	1,520	444	98	91	100	143	873
25	136	346	2,130	2,970	3,140	1,510	404	97	87	408	151	1,290
26	130	514	1,890	3,060	3,070	1,760	368	94	113	848	165	1,540
27	125	527	1,710	3,150	2,930	2,220	354	92	222	938	189	1,620
28	126	1,310	1,570	2,940	2,700	2,460	390	167	205	1,670	158	1,660
29	140	2,520	1,430	2,660	-----	2,710	377	147	177	1,080	162	1,430
30	142	2,320	1,320	2,640	-----	3,800	335	263	116	628	178	1,520
31	132	-----	1,930	2,660	-----	4,580	-----	164	-----	431	184	-----
TOTAL	18,678	10,837	82,030	57,778	148,513	77,890	61,228	5,324	5,378	10,756	8,763	23,163
MEAN	603	361	2,646	1,864	5,304	2,513	2,041	172	179	347	283	772
MAX	1,960	2,520	4,050	3,150	13,800	4,580	3,770	663	379	1,470	1,180	1,970
MIN	125	111	1,320	928	993	1,510	335	92	85	100	105	100
CFSM	.45	.27	1.96	1.38	3.94	1.87	1.52	.13	.13	.26	.21	.57
IN.	.52	.30	2.26	1.60	4.10	2.15	1.69	.15	.15	.30	.24	.64
CAL YR 1964: TOTAL	764,332	MEAN	7,998	MAX	13,800	MIN	77	CFSM	1.25	IN	21.80	
WAT YR 1965: TOTAL	510,336	MEAN	7,998	MAX	13,800	MIN	77	CFSM	1.25	IN	21.80	

2-4830 Tuscolameta Creek at Walnut Grove, Miss

Location --Lat 32°35', long 89°28', in NW 1/4 sec 34, T 9 N, R 8 E, Choctaw meridian, on right bank at downstream side of bridge on State Highway 35, over north drainage canal, 0.4 mile southwest of Walnut Grove, 0.6 mile upstream from Gulf, Mobile and Ohio Railroad bridge, 7 1/2 miles upstream from junction of north and south drainage canals, and 15 1/2 miles upstream from mouth

Drainage area --411 sq mi (combined drainage area for all channels)

Records available --October 1938 to September 1965 Monthly discharge only for October to December 1938, published in WSP 1304

Gage --Digital water-stage recorder Prior to June 18, 1939, staff or wire-weight gage and June 18, 1939, to July 13, 1953, graphic water-stage recorder and wire-weight gage, at site 0.2 mile upstream at present datum July 14, 1953, to Sept 30, 1963, graphic water-stage recorder at present site and datum Digital water-stage recorder, on south canal at bridge on State Highway 35, 1 mile south of north canal gage Prior to Nov 24, 1943, staff gage and Nov 24, 1943, to Oct 21, 1959, graphic water-stage recorder, on south canal at site 1,800 ft downstream, at present datum Oct 22, 1959, to July 21, 1964, graphic water-stage recorder at present site and datum Datum of gages is 332.70 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers)

Average discharge --27 years, 477 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (4,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 22, 1961	2100	* 23,900	a19 78	Jan 29, 1962	0300	5,120	15 73	Apr 28, 1964	0600	* 13,900	d18 10
Mar 19, 1961	1400	7,800	16 50	Apr 13, 1962	1200	8,980	16 82				
Apr 1, 1961	0900	13,200	17 85					Oct 6, 1964	0400	* 11,000	e17 50
July 14, 1961	1700	4,240	15 30	Mar 14, 1963	2400	* 4,740	c15 57	Nov 30, 1964	1600	5,110	-
								Dec 13, 1964	2300	4,480	-
Dec 14, 1961	2400	* 8,840	16 81	Mar 4, 1964	0800	8,810	-	Jan 25, 1965	2000	4,070	-
Dec 19, 1961	0300	* 16,800	b18 68	Mar 17, 1964	0200	6,280	-	Feb 13, 1965	0630	8,470	-
Jan 7, 1962	1100	13,300	17 85	Apr 8, 1964	1600	6,490	-				
Jan 21, 1962	1100	5,280	15 79	Apr 15, 1964	1300	4,860	-				

a 19 78 ft North Canal, 21 00 ft South Canal b 18 66 ft North Canal, 20 00 ft South Canal

c 15 57 ft North Canal, 17 65 ft South Canal d 18 10 ft North Canal, 19 38 ft South Canal

e 17 50 ft North Canal, 18 66 ft South Canal

Annual minimum discharge (combined flow), water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 4, 1960	12	-	1964	Oct 12, 13, 1963	a 3 4	-
1962	Sept 6, 1961	35	6	1965	June 4, 1965	14	-
1963	Sept 26, 1962	4.8	-				

a Minimum daily

1938-65 Maximum discharge, 34,600 cfs Jan 7, 1950 (gage height, 23.00 ft, north canal), maximum gage height, south canal, 21.53 ft Jan 7, 1950, minimum discharge (combined flow), 2.4 cfs Oct 2, 1954

Prior to canalization, creek reached a stage of 24.5 ft, from floodmark, sometime between 1920 and 1925

Remarks --Records fair Prior to Oct 1, 1963, discharge computed by combining the flow of individually rated low-water channels except when discharge in north canal exceeds about 1,600 cfs or that in south canal exceeds about 700 cfs, during which periods discharge was determined from combined stage-discharge relation for all channels referred to gage on north canal Oct 1, 1963, to Sept 30, 1965, discharge computed by combining the flow of individually rated channels

Revisions (water years) --WSP 1002 1943 WSP 1504 1939-40, 1943-44(M)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	15	102	39	1,110	173	682	12,000	83	30	151	101	30
2	15	62	36	994	162	498	7,440	93	31	142	66	47
3	14	47	33	575	293	399	3,800	95	28	217	62	54
4	14	35	35	342	327	342	1,250	75	27	317	64	41
5	17	27	47	182	252	294	715	69	27	221	101	46
6	361	25	40	143	198	331	518	67	26	118	140	44
7	720	25	42	130	202	1,450	381	67	27	80	166	40
8	1,180	21	62	350	250	2,180	314	57	28	86	242	35
9	687	22	84	519	233	2,360	1,440	60	25	90	118	32
10	239	33	97	379	191	1,460	2,010	107	44	145	74	30
11	72	58	143	246	154	603	1,940	78	51	481	67	30
12	42	51	196	171	134	341	1,580	65	66	2,410	63	30
13	33	49	131	145	114	1,110	1,040	56	82	3,580	53	35
14	26	47	94	170	103	1,820	775	56	405	4,140	73	45
15	22	39	93	238	101	1,470	464	169	347	3,840	202	81
16	21	41	144	257	95	930	320	210	353	2,480	116	43
17	20	48	128	205	116	1,450	245	170	244	1,090	74	40
18	17	62	99	158	1,090	4,160	200	170	389	1,090	70	30
19	18	55	81	150	2,010	6,740	175	51	321	178	46	25
20	16	52	78	228	4,050	5,720	159	41	1,850	130	47	23
21	16	52	276	253	10,900	3,750	146	52	2,740	139	134	22
22	16	50	330	194	20,400	1,950	126	93	2,970	108	113	21
23	18	92	231	143	20,100	1,290	122	63	1,740	218	59	21
24	19	137	154	130	11,400	642	116	45	357	437	234	21
25	17	104	125	359	6,800	383	104	38	185	421	552	21
26	14	68	112	795	5,020	302	116	42	1,180	222	299	19
27	13	56	103	923	353	353	152	54	2,620	267	100	20
28	14	44	91	669	1,670	2,040	120	41	3,280	381	59	16
29	15	42	87	410	-----	3,330	96	36	1,550	326	46	15
30	16	39	118	259	-----	4,780	81	33	299	313	36	18
31	62	-----	374	198	-----	8,880	-----	32	-----	213	31	-----
TOTAL	3,769	1,584	3,703	10,993	90,323	62,015	37,947	2,225	21,103	23,420	3,608	985
MEAN	122	52.8	119	355	3,226	2,000	1,265	71.8	703	755	116	32.8
MAX	1,180	137	374	1,110	20,400	8,880	12,000	210	3,280	4,140	552	81
MIN	13	21	33	130	95	294	81	32	25	80	31	15
CFSM	-30	-13	-29	-86	7.85	4.87	3.08	-17	1.71	1.84	-28	.08
IN.	-34	-14	-34	-99	8.17	5.61	3.43	-20	1.91	2.12	-33	.09
CAL YR 1960:	TOTAL 143,220	7	MEAN 391	MAX 6,650	MIN 9	6	CFSM 95	IN 12	96			
WAT YR 1961:	TOTAL 261,675	MEAN 717	MAX 20,400	MIN 13	1	1	CFSM 174	IN 23	66			

2-4830 Tuscolameta Creek at Walnut Grove, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	23	17	118	1,030	552	1,070	2,440	1,080	135	52	14	12
2	44	21	112	893	436	547	2,310	405	131	43	24	11
3	105	49	112	598	371	542	1,100	281	83	39	42	11
4	80	164	110	383	338	538	341	200	98	43	62	10
5	44	180	148	2,020	334	451	332	160	277	35	56	9.7
6	31	153	521	4,670	349	350	1,850	125	508	27	40	15
7	24	106	662	11,700	308	290	1,980	105	261	26	36	16
8	22	78	484	7,770	280	266	1,450	95	98	20	27	15
9	21	60	618	3,900	280	446	681	85	91	17	20	13
10	22	47	2,340	1,220	268	748	348	75	76	21	16	21
11	21	42	2,950	700	242	1,010	493	73	56	18	14	23
12	19	42	4,830	450	220	720	5,080	65	47	16	11	28
13	18	150	5,820	450	214	479	8,000	63	44	26	11	20
14	17	1,480	7,560	550	205	295	5,900	61	46	42	11	29
15	17	1,690	8,430	2,610	206	310	3,490	54	40	28	11	179
16	15	2,180	7,120	3,160	331	314	894	49	43	21	10	134
17	15	1,630	7,820	3,580	382	262	374	47	39	19	10	41
18	17	897	13,000	2,650	300	222	304	44	31	17	13	22
19	15	366	14,600	3,460	375	198	267	42	42	16	29	18
20	14	189	7,660	3,960	395	190	236	39	127	17	16	14
21	14	135	3,970	5,250	330	196	205	37	117	15	14	12
22	14	129	1,200	3,450	1,770	195	176	36	56	14	15	11
23	14	1,400	534	1,240	2,720	175	154	35	43	14	17	10
24	15	2,000	403	925	3,300	158	151	35	36	14	17	10
25	15	1,570	332	832	2,510	153	639	33	30	14	30	10
26	16	661	293	882	1,790	150	668	32	124	19	98	11
27	16	275	318	3,310	2,050	132	348	31	88	23	49	19
28	16	196	415	1,960	1,560	126	1,440	29	52	21	26	35
29	15	158	374	4,730	120	120	2,250	28	46	19	20	21
30	16	132	307	2,880	-----	117	2,150	63	63	17	14	15
31	18	-----	429	951	-----	1,480	-----	178	-----	16	12	-----
TOTAL	753	16,197	93,790	84,504	22,418	12,350	46,051	3,685	2,928	253	785	792.4
MEAN	24.3	540.1	3,025	2,728	713.5	397.0	1,458	115.6	97.6	25.3	25.3	25.3
MAX	105	2,180	14,600	11,700	3,000	1,480	8,000	1,080	508	52	98	179
MIN	14	17	110	383	205	117	151	28	30	14	10	9.7
CFSM	.06	1.31	7.36	6.63	1.95	.96	3.73	.29	.24	.06	.06	.06
IN.	.07	1.47	8.49	7.65	2.03	1.11	4.17	.33	.26	.07	.07	.07

CAL YR 1961: TOTAL 363,359
WAT YR 1962: TOTAL 284,823.7MEAN 996
MEAN 781MAX 20,400
MAX 14,600MIN 14
MIN 9.7CFSM 2.42
CFSM 1.90IN 32.88
IN 25.78

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	13	16	42	98	921	403	92	194	13	13	59	9.5
2	12	16	45	77	671	953	83	111	13	15	42	8.5
3	13	16	54	70	1,220	810	77	76	13	11	24	16
4	16	19	64	60	1,240	573	69	54	12	11	16	8.0
5	14	26	94	58	889	267	66	43	12	10	11	7.8
6	13	23	80	55	464	266	100	45	12	8.9	9.0	7.8
7	13	22	63	65	242	253	160	34	12	10	7.8	9.9
8	61	20	57	64	183	180	132	31	12	9.7	67	8.6
9	148	21	56	58	146	139	106	27	18	9.6	30	8.2
10	139	25	55	54	124	126	86	23	14	10	16	7.7
11	58	24	55	79	126	114	74	22	11	9.4	19	7.7
12	28	26	52	650	167	1,360	70	22	9.5	8.4	14	7.4
13	19	37	51	496	180	3,090	88	25	14	7.5	12	7.1
14	16	36	52	268	172	4,140	83	21	14	8.7	251	6.9
15	16	28	50	150	145	4,340	60	18	10	12	549	23
16	17	26	60	109	120	1,840	51	16	9.0	22	178	58
17	33	32	66	92	103	557	49	16	8.7	70	69	31
18	55	49	64	146	119	399	47	17	10	42	26	15
19	33	78	61	540	990	319	40	17	16	41	16	11
20	23	74	61	1,550	1,290	566	66	16	17	45	70	9.1
21	25	106	64	1,900	931	487	119	14	34	26	173	8.3
22	52	82	65	1,640	483	325	95	13	78	17	101	7.7
23	47	68	69	789	242	212	69	12	63	13	97	6.0
24	32	54	70	384	247	168	48	12	37	10	24	5.6
25	22	48	99	227	384	147	38	17	24	9.4	15	5.1
26	18	43	113	182	333	152	42	13	17	9.6	12	5.6
27	16	42	96	198	228	159	256	11	15	9.9	10	5.9
28	16	41	80	168	172	144	262	12	14	9.5	12	5.2
29	16	44	138	138	-----	124	103	14	14	9.6	13	8.8
30	16	43	182	460	-----	108	269	15	11	15	11	7.8
31	16	-----	140	1,000	-----	99	-----	14	-----	54	10	-----
TOTAL	1,016	1,185	2,308	11,809	12,532	22,820	2,900	975	557.2	557.2	1,923.8	334.2
MEAN	32.8	39.5	74.5	381	448	736	96.7	31.5	18.6	18.0	62.1	11.1
MAX	148	106	192	1,900	1,290	4,340	269	194	78	70	549	58
MIN	12	16	42	54	103	99	38	11	8.7	7.5	7.8	5.1
CFSM	.08	.10	.18	.93	1.09	1.79	.24	.08	.05	.04	.15	.03
IN.	.09	.11	.21	1.07	1.13	2.06	.26	.09	.05	.05	.17	.03

CAL YR 1962: TOTAL 178,652.7
WAT YR 1963: TOTAL 58,917.4MEAN 499
MEAN 161MAX 11,700
MAX 4,340MIN 9.7
MIN 5.1CFSM 1.19
CFSM .39IN 16.17
IN 5.33

2-4830 Tuscolameta Creek at Walnut Grove, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	6.4	11	56	40	194	186	128	627	282	113	80	20
2	5.7	13	38	45	181	2,820	112	282	198	203	130	16
3	4.9	25	34	58	143	5,440	107	223	89	278	700	15
4	4.8	23	40	78	108	8,430	98	173	45	185	160	14
5	5.0	18	33	104	96	6,570	519	138	35	148	55	13
6	4.7	18	26	121	138	3,650	3,610	114	30	83	40	12
7	7.5	16	21	190	145	1,360	4,610	90	24	71	35	13
8	6.0	15	25	225	122	772	6,200	73	25	69	30	12
9	4.5	14	42	770	101	646	4,590	69	22	1,160	30	12
10	3.7	14	40	962	85	1,080	1,840	62	20	1,340	28	12
11	3.5	13	39	546	74	884	661	62	19	986	26	12
12	3.4	13	39	319	67	565	426	83	18	421	31	11
13	3.4	13	74	274	79	343	2,510	242	17	279	79	9.9
14	3.5	14	155	199	199	561	4,230	249	17	195	58	9.5
15	12	14	162	126	269	3,900	4,750	135	16	150	45	9.4
16	14	16	112	94	475	5,250	3,530	84	15	430	57	9.4
17	12	16	75	150	381	5,690	940	59	15	399	106	10
18	9.3	17	54	217	640	3,400	326	45	15	273	70	20
19	7.3	21	42	170	993	895	253	38	15	94	49	42
20	6.7	20	37	120	709	812	204	34	15	52	36	75
21	5.9	17	39	84	377	725	154	32	14	46	28	52
22	5.8	22	50	67	200	482	183	34	22	209	36	24
23	5.6	44	135	108	145	330	634	31	134	402	85	17
24	5.8	78	158	413	113	261	579	29	66	252	268	13
25	6.2	50	138	1,650	521	230	1,470	27	462	132	125	12
26	7.2	32	98	1,630	1,100	906	2,850	26	321	114	64	11
27	6.6	23	95	1,420	859	919	7,420	26	70	71	42	12
28	7.1	24	88	680	517	698	12,600	26	34	45	29	13
29	7.3	68	65	246	276	331	7,410	23	27	30	23	60
30	7.6	92	50	162	-----	210	3,330	22	36	39	19	51.5
31	8.8	-----	40	148	-----	159	-----	30	-----	38	26	-----
TOTAL	202.2	774	2,100	11,416	9,307	58,505	76,274	3,188	2,120	8,307	2,590	1,076.2
MEAN	6.52	25.8	67.7	368	321	1,887	2,542	103	70.7	268	83.5	35.9
MAX	14	92	162	1,650	1,100	8,430	12,600	462	462	1,340	700	515
MIN	3.4	11	21	40	67	159	98	22	14	30	19	9.4
CFSM	-.02	-.06	-.16	-.90	-.78	4.59	6.19	-.25	-.17	-.65	-.20	-.09
IN.	-.02	-.07	-.19	1.03	-.84	5.29	6.90	-.29	-.19	-.75	-.23	-.10

CAL YR 1963: TOTAL 57,484.6 NEAN 157 MAX 4,340 MIN 3.4 CFSM 1.38 IN 5.20
 WAT YR 1964: TOTAL 175,859.4 NEAN 480 MAX 12,600 MIN 3.4 CFSM 1.17 IN 15.91

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	385	36	3,710	2,330	197	961	2,730	55	17	20	94	45
2	221	32	933	2,610	221	1,160	1,160	48	16	32	48	38
3	81	33	317	1,450	211	1,870	481	42	14	29	30	111
4	1,170	30	1,960	505	185	1,280	395	37	14	26	22	101
5	5,990	28	2,080	318	174	612	356	34	15	33	17	51
6	10,100	28	1,610	256	180	396	305	32	16	49	18	45
7	6,530	30	865	228	332	317	258	34	24	76	23	39
8	2,160	30	356	208	399	267	223	27	60	306	217	34
9	298	34	258	214	347	236	201	28	40	140	1,350	31
10	129	32	217	1,060	1,580	225	179	27	29	85	1,120	29
11	88	30	2,020	1,220	2,900	233	166	24	28	46	547	145
12	70	30	3,820	677	8,160	813	167	26	26	38	154	557
13	60	30	4,250	364	8,110	1,900	161	23	28	31	86	579
14	54	30	4,090	262	6,010	1,980	139	22	28	28	140	277
15	66	34	1,640	243	3,000	1,170	121	23	60	35	114	107
16	56	33	454	313	736	443	111	24	152	53	64	58
17	51	32	311	307	1,590	357	99	28	140	60	48	42
18	51	31	367	241	2,260	776	89	22	62	37	92	34
19	44	41	376	204	2,100	662	85	19	36	28	82	30
20	40	141	374	179	1,210	374	81	19	27	24	342	33
21	38	220	450	174	553	260	73	18	23	19	322	45
22	28	133	457	242	400	217	66	18	20	17	190	38
23	28	92	400	2,190	319	199	59	20	17	15	103	110
24	28	91	345	3,130	393	204	57	22	16	26	68	310
25	27	623	303	3,890	871	352	56	20	35	117	64	307
26	27	648	259	2,940	722	759	95	21	41	57	53	164
27	27	418	209	792	471	1,020	247	21	28	106	43	83
28	30	2,410	172	353	325	1,060	147	21	21	181	42	51
29	36	3,620	159	283	-----	989	104	22	18	132	73	38
30	53	4,860	165	251	-----	2,700	74	23	17	206	90	754
31	44	-----	1,510	216	-----	3,080	-----	21	-----	191	61	-----
TOTAL	28,010	13,860	34,037	27,650	41,956	27,642	8,483	816	1,080	2,243	5,717	4,286
MEAN	904	442	1,098	892	1,498	892	283	26.3	36.0	72.4	184	143
MAX	10,100	4,860	4,250	3,890	8,110	3,080	2,730	55	152	306	1,350	754
MIN	27	28	159	174	174	56	48	15	15	17	17	29
CFSM	2.20	1.12	2.67	2.17	3.65	2.17	4.69	-.07	-.06	-.18	-.45	-.35
IN.	2.53	1.25	3.08	2.50	3.80	2.50	-.77	-.07	-.10	-.20	-.52	-.39

CAL YR 1964: TOTAL 248,690.2 NEAN 679 MAX 12,600 MIN 9.4 CFSM 1.65 IN 22.50
 WAT YR 1965: TOTAL 195,782 NEAN 536 MAX 10,100 MIN 14 CFSM 1.31 IN 17.72

Note —No gage-height record at north or south canal Oct 22 to Nov 23

2-4840 Yockanookany River near Kosciusko, Miss

Location --Lat 33°02', long 89°35', in NE¹/₄NE¹/₄ sec 33, T 14 N, R 7 E, Choctaw meridian, on left bank at downstream side of bridge on State Highway 35, 2 miles south of Kosciusko

Drainage area --314 sq mi

Records available --August 1938 to September 1965 Prior to October 1947, published as Yokahockany River near Kosciusko

Gage --Digital water-stage recorder Datum of gage is 374.34 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers) Prior to Mar 28, 1939, staff gage and Mar 28, 1939, to July 28, 1965, graphic water-stage recorder at present site and datum

Average discharge --27 years, 389 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (3,000 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	1400	* 5,240	14.48	Apr 12, 1962	2200	3,760	14.00	Apr 8, 1964	1100	* 5,920	15.07
Apr 1, 1961	0100	3,960	13.80	Mar 7, 1963	0200	* 1,490	12.06	Apr 15, 1964	2400	3,260	13.68
								Apr 27, 1964	2100	3,520	13.85
Dec 14, 1961	1800	6,320	15.21	Mar 3, 1964	1000	4,290	14.31	Aug 17, 1964	0500	3,540	13.85
Dec 18, 1961	2200	* 15,200	17.64	Mar 17, 1964	1800	4,490	14.42	Feb 12, 1965	1900	* 8,240	15.81
Jan 27, 1962	1700	4,120	14.21								

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 30, 1961	8.4	6.10	1964	Oct 24, 1963	4.4	6.10
1962	Oct 1, 1961	7.1	6.14	1965	Sept 10, 1965	7.5	6.30
1963	June 15, 1963	5.9	6.08				

1938-65 Maximum discharge, 19,300 cfs Mar 29, 1951 (gage height, 18.72 ft), minimum, 2.3 cfs Aug 20-24, 1943, minimum gage height, 0.10 ft Sept 3-6, 1939

Flood in December 1932 reached a stage of about 17 ft (from information by Corps of Engineers)

Remarks --Records good

Revisions (water years) --WSP 1504 1946

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	19	25	33	837	84	813	3,500	109	13	54	27	12
2	17	24	32	554	85	518	3,390	158	12	54	21	12
3	16	22	30	220	142	311	2,700	129	12	157	17	23
4	14	20	30	129	145	245	1,460	93	11	136	58	74
5	45	20	31	101	109	218	646	73	11	89	41	40
6	132	20	32	87	90	702	362	59	11	44	27	29
7	176	20	56	84	110	1,920	273	57	10	32	20	26
8	139	21	107	95	184	2,630	224	57	10	113	235	22
9	71	26	103	88	149	2,710	459	56	10	313	26	20
10	38	63	76	72	118	2,710	1,100	51	10	241	22	15
11	25	74	296	64	91	2,420	955	51	12	129	19	14
12	20	50	278	60	84	1,150	1,090	45	14	498	15	16
13	18	35	125	58	78	947	1,500	41	20	861	14	19
14	17	29	72	67	71	2,040	1,260	35	15	1,270	19	26
15	17	27	77	87	68	1,850	659	32	30	1,430	60	26
16	16	30	109	90	66	1,500	334	31	20	960	29	22
17	16	35	84	76	154	947	243	29	30	317	35	18
18	16	38	60	63	940	2,240	194	22	40	165	27	15
19	16	34	50	91	1,580	2,340	164	20	60	112	19	13
20	20	32	57	205	2,390	2,250	145	28	100	78	15	12
21	22	30	131	145	3,160	2,130	130	28	762	62	41	12
22	23	34	104	99	4,160	1,210	115	24	530	47	50	16
23	20	112	69	79	5,120	534	106	21	134	140	30	14
24	20	154	56	73	4,540	281	97	21	53	214	27	12
25	20	86	51	79	3,290	237	87	21	436	267	25	12
26	20	55	50	184	1,990	200	151	27	547	161	24	15
27	20	42	49	253	839	220	267	27	793	145	20	12
28	20	38	47	166	590	829	341	22	362	139	18	11
29	20	36	68	116	-----	1,840	211	18	103	116	16	9.4
30	22	35	100	98	-----	2,320	124	16	53	91	15	9.0
31	30	-----	391	88	-----	3,220	-----	14	-----	45	14	-----
TOTAL	1,085	1,267	2,944	4,508	30,427	43,482	22,287	1,415	4,224	8,480	1,026	576.4
MEAN	35.0	42.2	95.0	145	1,087	1,403	743	45.6	141	274	33.1	19.2
MAX	176	154	391	837	5,120	3,220	3,500	158	793	1,430	235	74
MIN	14	20	30	58	66	200	87	14	10	32	14	9.0
CFSM	.11	.13	.30	.46	3.46	4.47	2.37	.15	.46	.87	.11	.06
IN.	.13	.15	.35	.53	3.60	5.15	2.64	.17	.50	1.00	.12	.07

CAH YR 1960: TOTAL 131,908.4 MEAN 360 MAX 5,120 MIN 7.2 CF5M 1.43 IN 17.42

CAH YR 1961: TOTAL 131,721.4 MEAN 353 MAX 5,120 MIN 7.2 CF5M 1.43 IN 17.42

2-4840 Yockanookany River near Kosciusko, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	9.8		105	715	669	1,780	1,360	367	70	35	20	18
2	55	21	96	584	397	1,660	1,260	385	45	29	30	27
3	90	54	91	370	319	1,590	758	229	48	24	49	29
4	71	130	87	294	280	960	317	146	76	22	64	22
5	38	184	248	686	276	530	297	116	67	20	101	21
6	22	156	715	1,680	278	395	1,210	96	45	19	49	15
7	17	93	1,060	1,850	232	325	1,690	80	37	18	29	18
8	15	60	757	1,700	217	315	1,560	69	46	15	21	40
9	343	44	615	1,440	224	1,040	1,430	58	48	14	17	48
10	284	39	1,780	656	212	1,900	632	52	40	13	15	51
11	163	36	2,520	500	186	2,460	1,180	47	32	12	13	34
12	71	37	4,340	400	174	2,520	3,330	44	36	12	11	25
13	29	235	4,900	350	172	2,640	3,220	40	46	13	11	28
14	18	1,100	5,850	400	166	1,820	3,040	37	43	12	12	152
15	13	1,430	5,160	1,410	189	688	2,630	33	32	11	10	69
16	12	1,410	4,670	2,090	746	393	1,160	31	26	11	9.5	35
17	12	1,030	6,890	1,910	1,140	296	385	35	24	41	8.9	27
18	12	483	13,400	1,890	950	248	270	34	22	72	12	22
19	12	234	13,400	1,460	542	227	229	28	22	98	13	19
20	12	146	8,050	1,290	398	220	196	26	22	41	11	17
21	11	110	3,940	919	401	295	168	24	24	21	11	15
22	11	140	1,800	588	1,510	347	146	22	24	15	14	12
23	11	1,150	688	1,300	2,390	252	129	20	34	13	13	11
24	11	1,810	394	2,550	2,400	206	129	20	28	14	17	10
25	13	1,640	300	2,400	2,390	345	166	20	33	25	168	13
26	13	1,390	258	2,670	1,870	748	146	20	148	55	151	25
27	14	590	260	3,790	1,110	548	141	18	136	57	51	37
28	14	229	287	3,440	1,250	292	741	17	85	34	28	29
29	16	156	225	3,930	-----	217	836	17	55	26	19	20
30	17	121	219	3,170	-----	192	403	63	40	21	17	15
31	22	-----	331	1,710	-----	703	-----	115	-----	20	19	-----
TOTAL	1,451.8	14,278	83,466	48,142	21,088	26,152	29,159	2,309	1,434	833	1,014.4	904
MEAN	46.8	476	2,692	1,553	753	844	972	74.5	47.8	26.9	32.7	30.1
MAX	343	1,810	13,400	3,930	2,400	2,640	3,330	385	148	98	168	152
MIN	9.8	20	87	294	166	192	129	17	22	11	8.9	10
CFSM	.15	1.52	8.57	4.95	2.69	3.10	.24	.15	.09	.10	.10	.10
IN.	.17	1.69	9.89	5.70	2.50	3.10	3.45	.27	.17	.10	.12	.11

CAL YR 1961: TOTAL 215,621.2

MEAN 591

MAX 13,400

MIN 9.0

CFSM 1.88

IN 25.54

WAT YR 1962: TOTAL 230,231.2

MEAN 631

MAX 13,400

MIN 8.9

CFSM 2.01

IN 27.27

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	13	21	40	116	561	253	47	57	12	18	132	14
2	17	20	39	88	313	400	44	37	11	28	65	12
3	18	22	39	75	343	258	43	29	11	19	34	10
4	16	29	38	66	313	177	45	25	9.5	40	25	15
5	14	29	40	61	210	347	41	35	8.5	37	21	45
6	14	26	50	62	160	1,150	149	70	8.2	22	22	30
7	12	25	65	65	136	1,330	311	35	7.9	15	22	17
8	91	25	53	122	63	122	176	28	7.6	21	21	13
9	320	25	45	59	104	368	100	24	7.3	34	17	10
10	110	25	41	56	94	231	88	18	7.0	20	16	9.8
11	41	26	41	61	109	188	74	19	6.7	13	15	8.8
12	26	35	37	102	164	178	55	18	6.4	9.8	13	8.2
13	20	44	35	108	146	165	50	16	5.8	8.8	13	7.6
14	17	41	35	87	116	131	43	14	4.7	50	16	12
15	18	37	37	70	98	104	37	13	4.4	184	14	21
16	24	34	42	63	80	96	35	13	4.7	467	13	18
17	27	79	46	62	75	140	32	15	5.8	802	11	15
18	22	264	45	87	101	132	32	14	7.6	704	10	12
19	20	219	43	191	622	109	33	13	9.0	499	9.5	11
20	18	171	42	513	870	95	32	12	18	363	10	9.8
21	21	194	43	393	482	79	31	12	39	101	12	9.2
22	26	117	50	220	222	65	29	12	27	44	17	8.2
23	25	68	53	210	153	58	24	12	22	30	13	7.3
24	21	46	54	400	185	57	24	11	17	25	11	6.4
25	20	41	112	300	250	56	24	11	17	22	55	5.8
26	18	38	131	160	201	68	27	11	19	30	51	5.3
27	17	40	93	201	154	69	33	11	13	31	23	14
28	17	41	75	156	125	61	33	13	11	24	19	17
29	18	41	338	123	-----	56	876	15	11	21	27	14
30	19	40	395	379	-----	50	110	14	14	21	35	13
31	20	-----	196	722	-----	47	-----	13	-----	48	-----	-----
TOTAL	1,080	1,863	2,393	5,319	6,509	7,296	2,681	640	353.1	3,751.6	779.7	399.4
MEAN	34.8	62.1	77.2	172	232	235	89.4	20.6	11.8	121	25.1	13.3
MAX	320	264	395	722	870	1,330	876	70	39	802	132	45
MIN	12	20	35	56	75	47	24	11	4.4	8.8	9.5	5.3
CFSM	.11	.20	.25	.55	.74	.75	.28	.07	.04	.39	.08	.04
IN.	.13	.22	.28	.63	.77	.86	.32	.08	.04	.44	.09	.05

CAL YR 1962: TOTAL 136,371.4

MEAN 374

MAX 7,296

MIN 8.9

CFSM 1.19

IN 16.15

WAT YR 1963: TOTAL 33,064.8

MEAN 90.6

MAX 1,330

MIN 4.4

CFSM .29

IN 3.92

2-4840 Yockanookany River near Kosciusko, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	10	16	54	50	184	204	115	907	71	39	90	22
2	10	21	36	51	154	1,720	132	834	54	30	324	19
3	9.8	20	35	56	124	3,980	116	1,730	44	130	221	17
4	8.8	23	35	66	108	3,330	98	1,560	33	76	78	15
5	8.5	22	34	76	149	3,380	519	1,400	27	32	34	14
6	7.6	21	29	104	323	2,520	3,970	550	25	21	23	13
7	7.0	21	28	322	257	1,240	4,360	178	25	17	18	12
8	6.4	22	30	273	169	1,380	5,540	116	25	16	14	12
9	6.1	22	39	1,100	125	1,640	3,980	90	23	364	12	12
10	7.9	20	34	1,730	104	2,060	1,910	75	23	736	12	11
11	7.3	20	154	1,580	91	1,940	583	66	21	193	13	11
12	5.8	18	691	1,100	79	1,270	421	68	20	78	17	10
13	5.6	18	588	784	123	542	1,960	108	19	128	13	9.5
14	5.0	18	266	395	398	858	2,830	73	26	69	12	8.7
15	5.8	18	198	206	420	3,890	3,090	56	23	40	11	8.7
16	5.8	23	113	165	695	3,970	2,950	45	19	32	1,700	8.4
17	5.6	20	74	151	506	4,260	1,570	38	17	33	3,130	8.7
18	5.3	20	60	138	527	3,700	474	34	16	32	1,950	9.5
19	5.3	21	53	121	905	1,820	232	31	14	23	742	12
20	5.0	21	48	109	626	767	177	31	13	18	120	17
21	5.0	23	49	91	318	507	143	30	12	17	50	12
22	4.7	31	53	81	204	315	122	29	13	16	38	11
23	4.7	48	109	100	163	226	112	29	17	22	41	9.8
24	4.7	48	100	562	138	188	172	32	18	30	122	6.5
25	5.0	36	90	1,950	228	234	880	28	18	27	55	6.2
26	5.3	31	147	2,080	397	493	1,730	25	14	21	40	5.8
27	6.4	27	170	1,820	296	431	3,040	24	11	21	37	5.8
28	6.1	64	122	1,070	266	263	3,170	27	11	19	25	118
29	5.8	320	82	349	282	182	3,360	31	10	16	28	338
30	20	150	63	191	-----	144	2,610	27	16	14	34	140
31	18	-----	53	169	-----	124	-----	38	-----	27	28	-----
TOTAL	224.3	1,203	3,637	17,040	8,359	47,578	50,366	8,310	680	2,337	9,034	898.6
MEAN	7.26	40.1	117	550	288	1,535	268	22.7	756	291	350	29
MAX	20	320	691	2,080	905	4,260	5,540	1,730	71	736	3,130	338
MIN	4.7	16	28	50	79	124	98	24	10	14	11	5.8
CFSM	.02	.13	.37	1.75	.92	4.89	5.35	.85	.07	.24	.93	.10
IN.	.03	.14	.43	2.02	.99	5.64	5.97	.98	.08	.28	1.07	.11

CAL YR 1963: TOTAL 32,792.9 MEAN 89.8 MAX 1,330 MIN 4.4 CFSM .29 IN 3.88
WAT YR 1964: TOTAL 149,666.9 MEAN 409 MAX 5,540 MIN 4.7 CFSM 1.30 IN 17.73

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	55	26	198	560	108	881	2,240	40	15	12	17	19
2	32	26	105	270	120	2,190	1,380	36	13	15	14	14
3	20	26	97	399	112	1,970	598	32	12	21	11	11
4	49	28	609	366	100	1,940	674	29	10	40	11	11
5	300	30	900	212	91	1,210	710	30	9.5	304	9.8	13
6	170	30	500	160	91	595	460	30	9.5	95	11	13
7	54	31	193	140	111	405	408	25	22	53	22	12
8	34	35	122	131	170	306	970	24	41	61	134	12
9	26	37	98	132	1,490	248	1,390	21	32	34	264	9.5
10	21	35	90	591	3,470	197	1,280	21	19	22	91	8.0
11	18	34	1,060	925	5,740	213	603	20	16	17	44	150
12	16	36	2,400	532	8,110	332	284	22	21	15	29	264
13	16	37	2,140	246	7,350	794	203	21	45	14	102	119
14	19	37	1,940	178	5,200	714	153	20	88	12	178	54
15	19	37	1,060	152	3,170	424	126	18	54	67	60	28
16	22	38	333	144	1,380	362	114	18	38	119	29	20
17	23	38	249	131	798	474	102	18	25	53	19	16
18	22	38	949	112	1,060	975	89	17	19	25	162	14
19	18	42	1,390	107	798	704	97	17	16	16	74	17
20	16	69	1,040	100	466	317	244	17	14	15	40	21
21	15	67	706	98	306	219	152	17	12	12	33	17
22	16	53	442	133	233	189	102	15	10	10	29	50
23	16	44	308	770	194	177	83	16	9.5	8.8	36	219
24	15	46	246	1,390	391	272	66	15	9.5	8.8	134	654
25	15	144	222	965	1,500	389	54	14	230	271	66	463
26	15	125	226	442	1,520	695	52	13	91	330	32	131
27	15	87	172	228	972	1,670	60	16	34	146	20	60
28	16	595	129	160	430	1,620	67	28	20	136	16	35
29	22	1,060	112	138	-----	1,540	58	30	15	62	47	26
30	26	598	119	131	-----	2,400	46	22	12	34	50	304
31	25	-----	502	118	-----	2,380	-----	18	-----	22	28	-----
TOTAL	1,146	3,529	18,657	10,163	45,481	26,802	12,865	680	962.0	2,050.6	1,086.8	2,786.5
MEAN	37.0	118	602	328	1,624	865	429	21.9	32.1	66.1	58.3	92.9
MAX	300	1,060	2,400	1,390	8,110	2,400	2,240	40	230	330	264	654
MIN	15	26	90	98	91	177	46	13	9.5	8.8	9.8	8.0
CFSM	.12	.37	1.92	1.04	5.17	2.75	1.37	.07	.10	.21	.19	.30
IN.	.14	.42	2.21	1.20	5.39	3.17	1.52	.08	.11	.24	.21	.33

CAL YR 1964: TOTAL 167,934.6 MEAN 459 MAX 5,540 MIN 5.8 CFSM 1.46 IN 19.89
WAT YR 1965: TOTAL 126,928.9 MEAN 348 MAX 8,110 MIN 8.0 CFSM 1.11 IN 15.03

2-4845 Yockanookany River near Ofahoma, Miss

Location --Lat 32°42'20", long 89°40'20", in NE1/4NW1/4 sec 22, T 10 N , R 6 E , Choctaw meridian, near center of main span on downstream side of bridge on State Highway 16, 1 1/2 miles east (revised) of Ofahoma, 3 miles upstream from mouth, and 8 1/2 miles southwest of Carthage

Drainage area --484 sq mi

Records available --October 1943 to September 1965 Prior to October 1947, published as Yokahockany River near Ofahoma

Gage --Digital water-stage recorder Datum of gage is 311.15 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers) Prior to July 1, 1944, staff gage, July 1, 1944, to Sept 4, 1962, wire-weight gage and Sept 5, to Oct 30, 1962, graphic water-stage recorder at present site and datum

Average discharge --22 years, 628 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 23, 1961	6,780	17 21	Sept 30, 1961	21	a 3 35
1962	Dec 20, 1961	15,900	b 19 40	Aug 17-19, 1962	16	5 15
1963	Mar 11, 1963	1,140	9 36	Sept 26-27, 1963	12	2 95
1964	Mar 15, 1964	5,840	17 02	Oct 26, 1963	7 2	2 88
1965	Feb 14, 1965	7,450	17 48	Oct 27, 1964	26	c 2 87

a Occurred Oct 1, 2, 1960

b From floodmark

c Occurred Sept 10, 1965

1943-65 Maximum discharge, 20,700 cfs Mar 31, 1951 (gage height, 20 28 ft), minimum, 4 9 cfs Aug 30, Sept 11, 1954, minimum gage height, 2 87 ft Sept 10, 1965

Remarks --Records good

Revisions (water years) --WSP 1204 1948 WSP 1504 1949

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	24	36	52	596	178	2,240	4,300	350	39	320	133	32
2	24	40	51	509	165	1,680	4,400	293	39	207	101	32
3	25	40	52	488	165	1,340	4,160	191	37	135	77	31
4	26	39	51	496	179	1,090	3,520	190	36	112	65	30
5	25	33	49	494	187	865	2,840	170	34	123	60	44
6	44	30	53	401	188	648	2,310	130	31	161	63	140
7	89	31	56	266	163	574	1,850	106	31	127	76	68
8	95	30	60	246	152	905	1,320	99	31	112	75	58
9	151	37	74	224	168	1,430	1,160	97	30	105	95	51
10	135	42	129	188	204	2,060	1,060	92	30	100	143	42
11	92	49	216	178	210	2,440	977	83	31	205	94	39
12	66	63	222	155	180	2,560	977	77	33	411	68	38
13	53	75	217	140	163	2,710	1,120	73	36	596	54	37
14	35	70	212	135	151	2,540	1,300	68	65	741	44	36
15	33	61	196	142	136	2,480	1,350	67	65	1,020	61	38
16	31	54	179	145	145	2,580	1,370	68	80	1,440	80	39
17	29	49	168	149	254	2,970	1,350	68	59	1,440	88	37
18	28	57	161	152	926	3,830	1,140	63	52	1,380	77	33
19	28	77	154	173	1,570	4,040	734	57	80	1,250	72	35
20	27	86	155	179	3,060	3,310	574	52	544	996	58	34
21	25	61	159	199	4,110	2,620	407	52	757	679	50	33
22	24	67	162	226	5,830	2,660	250	103	552	411	43	30
23	24	80	166	243	6,630	2,520	191	114	463	272	44	29
24	25	76	162	253	6,340	2,110	168	72	505	207	57	29
25	26	91	138	284	5,700	1,730	159	66	548	279	50	28
26	25	101	122	288	4,860	1,160	152	58	539	453	47	28
27	24	106	113	297	3,890	816	142	53	492	530	42	28
28	23	84	109	309	2,960	1,120	176	52	463	501	39	24
29	24	67	112	307	-----	1,490	258	49	447	427	37	22
30	27	54	185	266	-----	1,990	363	45	513	241	35	21
31	34	-----	281	222	-----	2,840	-----	42	-----	169	33	-----
TOTAL MEAN	1,341 43.3	1,786 59.5	4,216 136	8,350 269	48,864 1,745	63,348 2,043	40,078 1,336	3,100 100	6,662 222	15,150 489	2,061 66.5	1,166 38.9
MAX	251	106	281	596	6,630	4,040	4,400	350	757	1,440	143	140
MIN	13	30	49	135	136	574	142	42	30	100	33	21
CFSM	-09	-12	-28	-56	3.51	4.22	2.76	-21	-46	1.01	-14	-08
IN.	-10	-14	-32	-64	3.75	4.87	3.08	-24	-51	1.16	-16	-09

CAL YR 1960: TOTAL 206,577 MEAN 564 MAX 6,320 MIN 16 CFSM 1.17 IN 15.87
WAT YR 1961: TOTAL 196,122 MEAN 537 MAX 6,630 MIN 21 CFSM 1.11 IN 15.07

2-4845 Yockanookany River near Ofahoma, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	22	34	952	585	2,900	2,690	854	755	136	72	31	28
2	28	40	664	574	2,130	2,280	826	850	131	67	28	28
3	34	56	329	598	1,780	2,060	1,060	862	126	53	25	27
4	40	71	184	690	1,390	2,100	1,240	642	119	42	30	28
5	63	90	264	948	924	2,000	1,510	507	109	36	39	32
6	57	103	450	1,420	617	1,850	1,810	330	100	32	47	33
7	55	134	834	1,570	467	1,530	1,730	200	158	30	52	29
8	44	144	1,160	1,530	427	1,050	1,420	156	363	30	40	29
9	40	123	1,300	1,500	370	1,060	1,620	143	234	28	39	29
10	42	103	1,620	1,400	334	1,160	2,520	130	80	27	38	42
11	49	84	2,220	1,150	308	1,460	5,380	115	73	26	34	48
12	112	68	5,990	1,000	299	1,790	7,760	102	67	25	24	56
13	180	199	7,900	900	280	2,350	6,760	94	60	22	20	52
14	131	695	7,540	948	251	2,860	5,900	88	54	21	18	49
15	71	780	9,030	1,500	240	2,850	5,160	80	55	20	18	42
16	44	720	8,980	1,970	279	2,720	4,360	74	54	21	17	80
17	33	799	10,200	1,700	408	2,080	3,720	70	53	22	16	93
18	32	970	12,700	2,040	501	1,340	2,490	64	45	24	14	62
19	28	1,110	12,600	2,830	663	850	1,840	67	45	25	16	46
20	25	1,130	13,600	2,900	888	548	1,020	64	89	52	18	39
21	25	1,100	11,600	2,520	1,160	433	660	62	56	62	20	34
22	22	1,080	8,520	2,130	1,550	380	398	47	56	25	31	26
23	24	1,110	5,860	1,930	2,190	368	313	56	41	42	24	28
24	24	1,080	3,790	1,740	2,270	395	279	53	37	30	21	28
25	24	1,020	2,440	1,750	2,240	471	241	50	37	26	20	26
26	24	1,060	1,680	2,350	2,280	50	245	48	38	25	23	32
27	27	1,220	1,100	4,080	3,120	498	365	47	46	25	37	44
28	27	1,330	708	6,230	2,960	552	572	44	71	36	90	34
29	28	1,400	516	5,860	-----	679	693	46	123	52	78	36
30	31	1,230	430	5,000	-----	695	651	107	108	48	57	43
31	33	-----	421	4,570	-----	637	-----	172	-----	39	30	-----
TOTAL	1,422	19,087	135,582	65,913	33,226	42,286	63,597	6,143	2,755	1,111	991	1,208
MEAN	45.9	636	4,374	2,126	1,187	1,364	2,120	198	91.8	35.8	32.0	40.3
MAX	180	1,400	13,600	6,230	3,120	2,860	7,760	862	363	72	90	93
MIN	22	34	184	574	240	368	241	44	37	20	16	26
CFSM	1.31	9.04	6.04	4.39	2.45	2.82	4.48	0.47	1.09	0.09	0.08	0.09
IN.	1.11	1.47	10.4	5.06	2.55	3.25	4.89	0.47	0.21	0.09	0.08	0.09

CAL YR 1961: TOTAL 344,870

MEAN 1,945

MAX 13,600

MIN 21

CFSM 1.95

IN 26.50

WAT YR 1962: TOTAL 373,321

MEAN 1,023

MAX 13,600

MIN 16

CFSM 2.11

IN 28.69

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	42	27	60	253	455	298	116	121	28	19	105	39
2	39	27	60	246	505	358	104	136	27	18	93	39
3	35	29	58	185	697	352	98	109	26	19	112	29
4	31	33	59	141	605	418	78	25	27	114	30	43
5	31	33	59	123	603	498	88	62	24	33	71	100
6	34	33	60	115	502	936	101	53	24	30	48	50
7	34	36	64	109	408	926	112	50	23	45	44	66
8	142	37	78	104	298	820	172	72	23	48	37	60
9	214	36	86	104	237	884	276	64	27	50	39	43
10	150	34	82	103	207	1,060	280	51	21	29	34	32
11	182	35	74	103	211	1,110	199	44	21	30	30	26
12	182	38	68	114	244	905	158	39	21	36	26	23
13	109	39	64	120	223	568	149	37	20	27	24	21
14	68	40	61	126	231	364	121	36	19	23	25	19
15	51	46	59	130	222	294	101	35	19	22	32	18
16	43	54	56	123	193	252	90	33	18	27	35	18
17	41	64	56	110	168	220	81	32	18	122	31	20
18	40	93	56	114	160	273	75	30	17	204	24	27
19	39	110	55	164	448	321	68	29	16	266	22	27
20	39	167	54	350	471	287	67	27	17	321	20	24
21	38	220	59	323	480	240	68	26	18	387	21	22
22	37	202	64	339	551	208	66	25	20	420	19	20
23	34	186	64	380	632	174	63	25	41	332	18	17
24	31	159	66	370	665	149	59	24	48	152	18	16
25	34	114	74	279	511	134	56	24	38	79	20	14
26	34	85	78	275	358	130	54	24	30	58	21	13
27	33	72	92	260	342	137	52	24	26	50	40	14
28	30	64	110	209	321	211	52	24	24	44	112	15
29	30	62	185	211	-----	182	96	26	25	49	67	14
30	29	61	185	339	-----	142	122	26	22	47	41	18
31	28	-----	198	478	-----	123	-----	29	-----	53	33	-----
TOTAL	1,904	2,236	2,444	6,400	11,028	12,974	3,237	1,415	727	3,067	1,370	874
MEAN	61.4	74.5	78.8	206	358	419	108	43.8	24.2	98.9	44.2	29.1
MAX	214	220	198	478	697	1,110	280	136	48	420	114	100
MIN	28	27	54	103	160	123	51	24	16	18	18	13
CFSM	1.13	1.15	1.16	1.43	1.81	1.86	1.22	0.09	0.05	0.20	0.09	0.06
IN.	1.15	1.17	1.19	1.49	1.85	1.00	1.25	0.11	0.06	0.24	0.11	0.07

CAL YR 1962: TOTAL 223,814

MEAN 613

MAX 7,760

MIN 16

CFSM 1.27

IN 17.20

WAT YR 1963: TOTAL 47,676

MEAN 131

MAX 1,110

MIN 13

CFSM 0.27

IN 3.66

2-4845 Yockanookany River near Ofahoma, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	22	10	183	104	1,020	442	270	3,090	92	31	35	60
2	21	13	197	89	547	1,140	218	2,930	85	29	133	98
3	20	18	137	81	338	3,140	190	2,370	92	45	350	49
4	18	20	89	80	277	2,970	190	1,790	88	61	342	44
5	16	18	70	84	243	3,850	295	1,490	74	83	325	40
6	15	19	44	95	281	4,020	2,080	1,490	62	98	198	37
7	14	20	58	121	310	3,470	2,550	1,490	53	69	91	35
8	13	21	56	150	374	3,190	3,470	1,370	48	49	60	32
9	13	23	54	562	392	2,590	4,460	1,020	44	394	48	31
10	12	22	54	729	321	2,040	5,070	507	44	480	41	30
11	12	23	90	672	236	1,710	4,350	248	41	295	36	29
12	12	25	239	744	187	1,680	3,010	178	39	530	38	28
13	12	21	211	938	171	1,770	2,890	390	37	524	39	27
14	13	19	307	1,160	210	1,970	3,510	516	35	313	38	26
15	12	18	379	1,240	262	5,130	2,710	404	33	184	35	25
16	10	20	404	1,100	390	5,240	2,750	233	33	161	104	24
17	10	21	342	833	469	4,810	2,830	145	36	98	442	24
18	10	19	112	492	583	4,460	2,900	110	36	73	681	23
19	10	19	136	306	715	4,280	2,420	92	33	62	1,370	24
20	9.4	23	105	248	732	4,240	1,750	81	31	57	1,960	23
21	9.1	24	92	206	707	3,150	1,180	74	30	50	1,740	23
22	9.1	28	87	183	744	2,120	635	69	29	44	1,280	25
23	8.9	35	101	180	742	1,490	356	65	29	93	637	26
24	8.8	36	109	448	560	1,040	293	62	31	106	235	25
25	8.3	51	128	1,270	421	684	499	60	42	93	151	24
26	7.5	65	148	1,320	417	505	853	58	36	71	203	23
27	8.3	60	159	1,210	411	402	2,970	56	33	57	150	23
28	8.7	59	174	1,370	487	446	3,120	52	32	51	102	24
29	9.6	125	185	1,590	490	522	3,670	50	31	85	102	24
30	7.8	140	166	1,620	507	3,310	48	30	46	69	39	39
31	8.2	129	129	1,420	574	507	59	39	61	39	61	39
TOTAL	388.7	1,015	4,887	20,647	13,017	73,382	65,199	20,387	1,361	4,241	11,979	3,279
MEAN	12.9	33.1	156	666	420	2,367	2,104	655	43.9	134	387	103
MAX	22	140	404	1,620	1,020	5,240	5,070	3,090	92	530	1,960	60
MIN	7.5	10	54	80	171	374	190	48	29	29	35	23
CFSM	.02	.07	.32	1.38	.93	6.89	4.50	1.37	.09	.29	.74	.06
IN.	.03	.08	.37	1.59	1.00	5.64	5.03	1.58	.10	.33	.85	.07

CAL YR 1963: TOTAL 47,342.7 MEAN 130 MAX 1,110 MIN 7.5 CFSM .27 IN 3.64
 MAY YR 1964: TOTAL 216,997.7 MEAN 593 MAX 5,240 MIN 7.5 CFSM 1.23 IN 16.67

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	166	32	383	381	238	1,660	2,760	87	54	37	74	69
2	216	36	479	370	208	2,410	2,580	80	46	33	54	58
3	125	35	353	469	187	1,990	2,400	71	41	29	45	46
4	88	33	475	520	183	1,840	2,190	68	37	28	39	40
5	115	32	388	461	177	2,080	1,790	61	36	30	36	36
6	100	31	418	441	167	2,040	1,280	56	33	61	33	33
7	233	31	511	165	167	1,870	941	54	33	147	33	31
8	325	31	610	296	167	1,490	817	54	34	147	34	30
9	175	32	617	250	573	1,050	687	52	35	91	66	30
10	77	32	390	473	1,370	713	610	47	45	92	187	29
11	55	36	621	433	3,630	496	740	45	51	64	284	66
12	45	39	1,030	445	5,800	409	1,010	43	45	48	215	147
13	39	39	972	546	6,930	422	1,140	41	39	39	113	126
14	35	38	1,110	663	7,370	437	907	40	42	34	87	206
15	33	37	1,540	665	6,860	526	518	40	90	41	93	189
16	34	37	1,860	457	5,860	658	300	39	88	39	171	118
17	35	37	1,810	304	4,550	731	224	37	79	38	124	73
18	35	36	1,610	251	3,110	740	189	36	62	96	112	54
19	37	39	1,210	220	2,180	658	165	34	50	80	74	44
20	37	54	882	193	1,600	645	148	35	42	52	141	39
21	35	50	856	179	1,280	753	144	34	38	39	131	36
22	32	60	1,050	174	1,070	762	220	34	34	33	80	39
23	30	69	1,150	381	820	544	224	34	33	30	64	165
24	28	66	1,030	533	643	355	163	33	36	31	56	130
25	28	73	799	577	870	296	128	32	34	220	56	167
26	27	74	559	716	810	336	142	31	32	166	122	265
27	27	116	394	919	849	465	156	34	97	295	107	334
28	28	308	329	1,020	1,120	553	100	135	118	326	72	316
29	30	323	287	845	-----	786	91	200	69	229	69	168
30	30	316	239	485	-----	1,990	95	96	47	176	59	123
31	30	-----	481	292	-----	3,010	-----	67	-----	118	52	-----
TOTAL	2,330	2,172	24,643	14,351	58,787	32,715	22,899	1,748	1,520	2,889	2,883	3,207
MEAN	75.2	72.4	795	463	2,100	1,055	762	56.4	50.7	93.2	93.0	107
MAX	325	323	1,860	1,020	7,370	3,010	2,760	200	118	326	284	334
MIN	27	31	239	174	165	296	91	31	32	28	33	29
CFSM	.16	.15	1.64	.96	4.34	2.18	1.57	.12	.10	.19	.19	.22
IN.	.18	.17	1.89	1.10	4.52	2.51	1.76	.13	.12	.22	.22	.25

CAL YR 1964: TOTAL 239,892 MEAN 655 MAX 5,240 MIN 23 CFSM 1.35 IN 18.43
 MAY YR 1965: TOTAL 170,104 MEAN 466 MAX 7,370 MIN 27 CFSM .96 IN 19.07

PEARL RIVER BASIN

2-4850 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, near left bank on downstream side of Meeks Bridge on State Highway 43, 3½ miles northwest of Goshen Springs, 5½ miles upstream from Mill Creek, 9 miles southeast of Canton, and 10 miles downstream from Fannegusha Creek

Drainage area --2,780 sq mi, approximately

Records available --October 1938 to March 1963 (discontinued) Monthly discharge only for some periods published in WSP 1304

Gage --Water-stage recorder Datum of gage is 270 53 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers) Prior to Sept 15, 1939, staff gage at present site and datum

Average discharge --24 years (1938-62), 3,366 cfs

Extremes --Maximum and minimum discharges for the period October 1960 to March 1963 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 26, 1961	49,000	a 25 75	Oct 5, 1960	160	1 48
1962	Dec 20, 1961	65,600	b 27 54	Sept 28, 1962	157	1 47
1963	Mar 17, 1963	6,960	13 38	Oct 4, 1962	153	1 55

a 25 75 ft in gage well, 26 08 from outside gage
b 27 54 ft in gage well, 27 77 from outside gage

1938-63 Maximum discharge, 65,600 cfs Dec 20, 1961 (gage height, 27 54 ft in gage well, 27 77 ft from outside gage), minimum, 72 cfs Oct 10, 11, 12, 1954, minimum gage height observed, 0 11 ft Oct 26, Nov 2, 1943

Flood in December 1932 reached a stage of 26 4 ft, from floodmarks

Remarks --Records good

Revisions (water years) --WSP 1704, 1959

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	170	186	433	1,880	1,380	36,200	14,300	1,590	357	3,670	2,040	437
2	166	214	402	2,850	1,220	29,200	17,000	1,520	339	2,990	1,880	437
3	163	273	370	2,880	1,150	23,300	19,600	1,420	327	1,800	1,700	434
4	162	262	346	2,600	1,150	19,400	21,000	1,390	318	2,100	1,560	407
5	162	238	329	2,220	1,320	15,600	21,500	1,360	310	2,040	1,420	404
6	185	222	312	1,900	1,280	12,700	21,000	1,270	298	1,900	1,240	397
7	344	204	305	1,700	1,160	10,100	19,900	1,160	294	1,560	1,140	321
8	966	190	302	1,740	1,070	8,160	17,000	1,060	284	1,240	1,100	497
9	1,410	192	310	1,970	1,030	7,360	14,900	960	275	1,100	1,120	429
10	1,470	195	354	1,990	1,030	7,360	13,000	880	273	1,210	1,060	386
11	1,090	201	536	1,770	1,000	7,730	11,600	815	273	1,410	1,120	359
12	727	224	791	1,500	962	8,040	10,700	771	275	2,120	1,070	339
13	514	266	903	1,260	895	8,070	10,100	700	380	4,770	920	335
14	408	291	846	1,100	834	8,280	9,480	647	598	6,960	785	333
15	344	300	773	1,060	774	8,650	8,700	664	700	7,860	700	314
16	310	288	720	1,100	728	8,800	7,840	1,010	896	8,500	900	314
17	284	266	688	1,110	746	9,040	8,840	1,250	896	9,280	960	333
18	266	247	668	1,060	2,590	10,800	5,920	860	807	9,950	804	318
19	247	234	517	998	5,080	12,800	5,040	667	677	10,100	683	304
20	232	234	578	982	7,880	14,800	4,090	580	1,520	9,840	641	294
21	224	228	546	1,060	10,600	15,900	3,390	527	3,040	9,140	583	284
22	216	244	651	1,100	14,000	16,700	2,840	500	4,840	8,150	552	275
23	206	372	884	1,140	19,200	16,400	2,410	491	5,200	6,860	596	266
24	203	408	865	1,070	26,000	15,400	2,090	527	4,900	5,790	605	258
25	195	526	766	1,200	38,000	13,900	1,830	509	3,920	4,460	571	246
26	190	614	685	1,610	47,200	12,300	1,580	459	2,780	3,250	811	237
27	190	600	617	2,160	47,600	10,800	1,390	423	3,240	2,600	888	228
28	185	584	558	2,480	42,600	10,600	1,290	420	4,090	2,420	664	224
29	178	520	533	2,270	-----	10,800	1,460	407	4,380	2,470	518	215
30	183	468	591	1,930	-----	11,400	1,600	386	4,510	2,420	462	212
31	184	-----	927	1,430	-----	12,400	-----	376	-----	2,250	442	-----
TOTAL	11,776	9,291	18,206	51,320	278,479	413,190	278,190	25,999	50,997	139,210	29,535	10,937
MEAN	380	310	587	1,655	9,946	13,330	9,306	826	1,700	4,966	946	335
MAX	1,470	614	927	2,880	47,600	36,200	21,500	1,590	5,200	10,100	2,040	521
MIN	162	186	302	982	728	7,360	1,290	376	273	1,100	442	212
CFSM	.14	.11	.21	.60	3.58	4.79	3.35	.30	.61	1.62	.34	.12
IN.	.16	.12	.24	.69	3.73	5.53	3.73	.34	.68	1.86	.40	.13
CAL YR 1960: TOTAL	1,121,571			MEAN 3,064	MAX 22,400	MIN 162		CFSM 1.10	IN 15.00			
WAT YR 1961: TOTAL	1,316,930			MEAN 3,608	MAX 47,600			CFSM 1.30	IN 17.62			

2-4850 Pearl River at Meeks Bridge, near Canton, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	212	161	3,460	6,220	20,000	13,600	3,800	6,600	860	687	235	219
2	212	156	2,800	5,570	19,500	14,000	9,200	6,820	1,060	714	258	201
3	208	164	2,400	5,400	18,100	13,800	6,030	6,530	1,020	402	264	187
4	252	164	2,200	5,090	15,600	13,000	6,410	5,800	932	515	252	173
5	294	180	2,100	5,200	13,600	12,100	6,140	5,150	826	456	281	163
6	298	286	2,100	7,040	11,500	11,200	6,710	4,690	868	418	324	159
7	292	379	2,300	8,880	9,480	10,200	7,720	4,250	1,110	376	344	158
8	273	407	2,600	10,500	7,620	9,130	8,740	3,630	1,160	342	367	156
9	246	402	3,600	12,000	5,890	8,060	9,280	3,010	1,080	322	324	156
10	230	367	4,720	14,000	4,640	7,180	9,260	2,460	920	302	277	161
11	221	318	6,020	15,300	3,770	7,370	9,110	2,100	807	284	248	163
12	223	283	8,790	15,000	3,250	8,050	12,700	1,810	728	271	224	163
13	288	306	12,200	13,900	2,840	8,380	19,100	1,570	673	264	205	176
14	327	728	17,200	12,600	2,540	8,680	25,300	1,410	628	250	192	192
15	296	2,540	22,300	12,300	2,310	8,800	33,100	1,270	580	245	176	194
16	254	3,520	28,900	12,200	2,180	8,690	38,700	1,150	564	245	169	178
17	228	4,290	42,300	12,600	2,140	8,630	38,500	1,060	558	246	159	237
18	212	4,950	55,500	13,000	2,340	8,370	33,800	960	536	246	156	314
19	199	5,200	62,500	14,000	2,520	7,780	27,100	892	515	264	147	288
20	185	4,700	65,400	14,800	2,620	6,880	22,000	826	586	292	142	245
21	180	3,680	64,800	15,400	3,020	5,690	17,900	785	781	290	144	210
22	176	2,940	59,500	15,600	3,380	4,530	14,200	742	1,010	283	151	183
23	168	3,300	49,400	15,400	4,860	3,720	10,900	694	830	267	151	173
24	164	4,070	39,000	15,200	7,470	3,260	7,940	667	615	246	144	163
25	163	5,030	31,000	14,300	9,980	3,020	5,530	631	521	230	142	152
26	161	5,530	24,500	13,000	10,900	3,010	4,250	593	462	230	140	146
27	159	5,540	20,000	13,200	12,000	3,010	3,750	571	442	223	142	142
28	161	4,960	16,100	14,100	12,900	2,860	4,350	546	497	215	230	142
29	164	4,340	12,800	16,100	-----	2,700	5,450	521	533	228	294	176
30	164	3,880	10,100	18,100	-----	2,590	6,120	524	589	239	275	178
31	163	-----	7,880	19,700	-----	2,820	-----	552	-----	233	246	-----
TOTAL	6,773	72,773	684,470	385,700	216,550	231,110	409,090	68,814	22,291	10,019	6,803	5,548
MEAN	218	2,426	22,080	12,440	7,734	7,455	13,640	2,220	743	323	219	185
MAX	327	5,540	65,400	19,700	22,400	14,000	38,700	6,820	1,160	714	367	314
MIN	159	156	2,100	5,090	2,140	2,590	3,750	521	442	215	140	142
CFSM	.08	.87	7.94	4.48	2.78	2.68	4.91	.80	.27	.12	.08	.07
IN.	.09	.97	9.16	5.16	2.90	3.09	5.47	.92	.30	.13	.09	.07

CAL YR 1961: TOTAL 2,041,673 MEAN 5,594

MAX 65,400

MIN 156

CFSM 2.01

IN 27.31

WAT YR 1962: TOTAL 2,119,941 MEAN 5,808

MAX 65,400

MIN 140

CFSM 2.09

IN 28.36

DISCHARGE, IN CUBIC FEET PER SECOND, OCTOBER 1962 TO MARCH 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	170	199	314	1,010	3,000	2,300						
2	166	197	305	942	3,520	2,440						
3	159	195	300	791	3,640	2,950						
4	155	195	300	648	4,230	3,160						
5	159	193	295	641	4,600	3,010						
6	160	192	305	614	4,420	3,470						
7	159	197	349	600	3,750	3,820						
8	168	199	354	574	2,980	3,790						
9	229	201	334	562	2,500	3,550						
10	718	201	329	555	2,230	3,300						
11	1,060	199	324	526	2,060	3,270						
12	903	197	314	520	2,020	3,290						
13	688	199	302	617	2,100	3,520						
14	555	201	291	861	2,040	4,590						
15	450	212	282	839	1,880	5,610						
16	400	224	277	720	1,740	6,400						
17	360	242	277	661	1,580	6,850						
18	330	247	277	631	1,490	6,620						
19	315	257	282	644	1,800	4,890						
20	300	359	284	1,140	2,970	3,560						
21	290	517	286	2,400	3,900	3,140						
22	290	607	291	3,260	4,000	3,050						
23	277	661	293	3,680	3,460	2,790						
24	277	634	312	3,460	2,960	2,490						
25	273	574	332	2,830	2,730	2,230						
26	259	495	344	2,280	2,690	2,010						
27	244	427	388	1,930	2,580	1,790						
28	230	378	459	1,800	2,400	1,650						
29	218	349	552	1,740	-----	1,630						
30	212	324	617	1,730	-----	1,410						
31	204	-----	798	2,090	-----	1,200						
TOTAL	10,378	9,272	10,767	41,296	79,270	103,780						
MEAN	335	309	347	1,332	2,531	3,348						
MAX	1,060	661	798	3,680	4,600	6,850						
MIN	155	192	277	520	1,490	1,200						
CFSM	.12	.11	.12	.48	1.02	1.20						
IN.	.14	.12	.14	.55	1.06	1.39						

CAL YR 1962: TOTAL 1,386,342 MEAN 3,798

MAX 38,700

MIN 140

CFSM 1.37

IN 18.55

WAT YR 1963: TOTAL

MAX

MIN

CFSM

IN

PEARL RIVER BASIN

2-4860 Pearl River at Jackson, Miss

Location --Lat 32°17'20", long 90°10'45", in SE $\frac{1}{4}$ sec 10, T 5 N, R 1 E, Choctaw meridian, on left bank at downstream side of Woodrow Wilson Bridge (formerly U.S. Highway 80) 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 4 $\frac{1}{2}$ miles upstream from Richland Creek

Drainage area --3,100 sq mi, approximately

Records available --June 1901 to December 1913 (prior to October 1901 and for 1913, gage heights only), August 1928 to September 1965. Gage-height records collected at same site since 1904 are contained in reports of U.S. Weather Bureau

Gage --Water-stage recorder. Datum of gage is 234.90 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers). Prior to Dec 31, 1913, chain gage and Aug 15, 1928, to Sept 14, 1934, staff gage at present site and datum. Since Oct 1, 1962, auxiliary water-stage recorder and concrete control at Jackson Water Works pumping plant 7 miles upstream for discharge computation. Datum of auxiliary gage is 239.40 ft above mean sea level

Average discharge --48 years (1901-12, 1928-65), 3,780 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Mar 1, 1961	46,000	35.00	Sept 28, 1961	abc 166	-
1962	Dec 21, 1961	d 66,100	37.24	Sept 29, 1962	146	2.96
1963	Mar 19, 1963	6,440	17.74	Sept 18, 1963	a 45	-
1964	Mar 23, 1964	24,000	e 29.50	Nov 12, 1963	a 66	-
	Mar 23-24, 1964		f 31.00			
1965	Feb 17, 1965	26,800	e 30.70	June 23, 1965	a 172	-
	Feb 18, 1965		f 32.02			

a Minimum daily

b Affected by storage at Pearl River Reservoir 19 miles upstream

c Minimum daily discharge unaffected by storage, 194 cfs Oct 4, 1960

d Affected by gage operation at Pearl River Reservoir 19 miles upstream

e At Water Works

f At Woodrow Wilson bridge

1901-13, 1928-65 Maximum discharge, 85,000 cfs Mar 31, 1902 (gage height, 37.5 ft) revised, from rating curve extended above 57,000 cfs by logarithmic plotting, minimum daily discharge, 45 cfs Oct 5, 1956, Sept 18, 1936, regulated, minimum daily unregulated, 78 cfs Oct 11, 1954, minimum unregulated gage height, 0.20 ft Nov 4, 5, 1911

According to information by local residents and from newspaper records, the flood of Apr 25, 1874, reached a stage of 37 ft and the flood of Dec 5, 1880, reached a stage of 36 $\frac{1}{2}$ ft (revised). The flood of Apr 21, 1900 (corrected) reached a stage of 36.7 ft (revised), according to the Alabama & Vicksburg Railroad bridge plans, confirmed by local residents

Remarks --Records good. About 25 cfs is diverted upstream from station for municipal water supply for city of Jackson, most of which is returned to river and is included in discharge records. Flow regulated since Sept 27, 1961, by Ross R. Barnett Reservoir, 19 miles upstream. Records of chemical analyses and water temperatures for the water year 1964 are published in reports of the Geological Survey

Revisions (water years) --WSP 662 Drainage area WSP 1504 1903, 1909

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	217	220	550	2,320	1,790	45,300	19,000	1,800	434	4,790	2,760	543
2	206	201	489	2,760	1,560	41,700	20,200	1,800	421	4,270	2,380	590
3	202	206	451	3,450	1,450	36,200	20,000	1,700	404	2,780	2,190	626
4	194	271	417	3,380	1,370	31,000	20,500	1,600	379	2,340	1,990	550
5	217	285	392	2,620	1,430	25,200	21,200	1,570	367	2,410	1,820	514
6	294	274	373	2,250	1,530	20,800	22,100	1,530	358	2,350	1,690	532
7	375	251	388	1,990	1,440	17,500	22,300	1,440	398	2,350	1,480	518
8	436	226	404	2,500	1,340	14,400	20,800	1,580	370	2,080	1,330	662
9	993	254	408	2,280	1,240	12,500	20,000	2,080	428	1,520	1,300	630
10	1,480	257	414	2,380	1,210	10,800	18,100	1,300	364	1,350	1,290	540
11	1,520	223	951	2,180	1,180	9,940	16,400	1,130	311	2,020	1,230	500
12	1,160	209	863	1,810	1,150	9,200	14,500	1,050	320	4,260	1,290	462
13	829	231	989	1,540	1,100	9,280	13,200	981	306	5,500	1,290	438
14	619	282	1,100	1,400	1,030	9,070	12,300	905	434	5,850	1,240	438
15	504	317	1,080	1,240	954	8,960	11,300	1,360	773	6,410	954	438
16	421	349	951	1,150	897	8,880	10,200	1,580	867	6,930	916	404
17	392	338	875	1,150	1,270	11,200	9,260	1,740	1,080	7,400	1,180	388
18	364	308	837	1,150	4,830	13,200	8,150	1,460	1,150	8,000	1,160	408
19	340	280	799	1,180	6,440	14,400	7,530	1,020	1,110	8,740	973	398
20	306	265	773	1,170	10,400	16,600	6,270	795	3,970	9,370	863	382
21	277	259	732	1,090	13,000	16,500	5,190	736	4,840	9,900	792	376
22	254	352	695	1,170	16,600	16,800	4,040	655	4,530	9,830	710	346
23	243	947	799	1,190	21,000	16,800	3,240	601	5,020	9,380	743	326
24	234	662	1,060	1,270	24,200	16,800	2,760	583	5,310	8,990	913	311
25	223	547	1,030	1,910	27,600	16,500	2,430	637	5,240	8,010	833	297
26	212	637	924	2,100	33,100	15,100	2,190	692	5,230	7,000	736	288
27	215	710	810	2,620	40,100	15,200	1,870	547	4,990	5,560	981	226
28	206	695	747	3,000	44,300	17,100	1,660	500	4,860	4,080	1,010	166
29	196	673	732	2,990	-----	16,600	1,580	482	4,990	3,170	1,020	254
30	243	612	725	2,580	-----	16,600	1,690	468	4,970	2,930	695	245
31	268	-----	1,430	2,150	-----	17,500	-----	438	-----	2,900	572	-----
TOTAL	13,642	11,341	23,188	62,170	263,331	547,630	339,960	34,760	64,224	162,470	38,331	12,796
MEAN	440	378	748	2,005	8,412	17,670	11,330	1,121	2,141	5,241	1,236	427
MAX	1,520	947	1,430	3,450	44,300	45,300	22,300	2,080	5,310	9,900	2,760	662
MIN	194	201	373	1,090	897	8,880	1,580	438	306	1,350	572	166
CFSH	-14	-12	-24	-65	3.04	5.70	3.66	-36	-69	1.69	-40	-14
IN.	-16	-14	-28	-75	3.16	6.37	4.08	-42	-77	1.95	-46	-15
CAL YR 1960: TOTAL	1,282,700	MEAN 3,505	MAX 22,400	MIN 160	CFSH 1-13	IN 15-39						
WAT YR 1961: TOTAL	1,574,043	MEAN 4,312	MAX 45,300	MIN 166	CFSH 1-39	IN 18-88						

2-4860 Pearl River at Jackson, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	240	198	4,970	12,000	20,000	12,600	5,130	6,810	718	640	245	303
2	282	187	4,360	9,750	20,400	13,300	5,920	6,900	867	758	271	259
3	254	335	3,670	8,380	20,500	13,300	6,630	6,770	1,080	799	431	234
4	234	226	2,960	7,060	20,000	13,600	6,990	6,540	1,180	695	358	204
5	265	204	2,610	6,770	19,000	13,600	7,090	6,160	1,080	590	326	179
6	349	198	2,490	7,340	16,000	13,300	9,070	5,660	909	518	329	164
7	373	303	2,610	7,840	14,200	12,700	9,030	5,050	954	468	367	156
8	376	455	3,280	8,620	12,400	12,000	9,070	4,450	1,190	424	398	164
9	361	522	4,450	9,630	10,800	10,900	9,170	3,840	1,260	385	428	182
10	320	518	6,130	10,900	9,140	11,000	9,360	3,200	1,160	355	398	212
11	285	475	6,750	12,200	7,480	9,880	10,000	2,610	958	338	379	240
12	265	438	10,700	13,400	6,090	8,580	14,600	2,170	848	306	306	209
13	259	1,560	12,000	14,200	4,310	8,990	15,900	1,850	762	355	280	229
14	326	2,950	16,000	14,900	3,190	8,680	19,300	1,630	677	317	251	343
15	392	2,420	21,400	15,600	2,790	8,590	25,000	1,380	630	285	226	358
16	382	3,820	25,400	16,000	2,640	8,600	29,900	1,240	576	303	209	262
17	338	4,470	34,900	15,500	2,450	8,630	34,800	1,110	550	323	198	237
18	291	4,960	43,400	16,900	2,380	8,630	37,300	1,030	543	282	190	248
19	259	5,330	53,800	17,500	2,550	8,570	38,300	970	511	265	185	364
20	237	5,570	63,300	18,000	2,660	8,390	34,700	863	525	277	193	385
21	220	5,490	65,400	18,200	2,780	7,880	29,600	803	594	306	172	338
22	212	5,260	65,000	18,500	4,400	7,220	23,000	740	788	317	174	282
23	204	6,350	63,500	18,500	5,340	6,090	17,900	699	1,030	311	169	248
24	196	6,260	58,600	18,000	6,070	4,860	14,900	658	928	297	177	220
25	190	6,020	51,300	17,200	7,000	3,940	12,600	619	725	277	185	198
26	187	6,000	43,200	17,700	8,280	3,490	10,200	576	612	262	190	182
27	182	6,130	35,200	19,300	9,820	3,250	8,670	536	536	248	174	172
28	182	6,120	27,900	19,200	11,100	3,200	8,100	511	489	245	172	156
29	196	5,910	21,600	18,600	-----	3,050	7,670	507	572	243	226	151
30	204	5,500	17,200	18,900	-----	2,880	6,850	644	615	340	169	169
31	204	-----	14,400	19,500	-----	4,020	-----	769	-----	243	349	-----
TOTAL	8,265	94,179	788,480	446,090	253,770	263,720	478,110	77,295	23,887	11,677	8,278	7,948
MEAN	267	3,139	25,430	14,390	9,063	8,507	15,880	2,493	786	377	268	253
MAX	392	6,350	65,400	19,500	20,500	13,600	38,300	6,900	1,260	789	431	385
MIN	182	187	2,490	6,770	2,380	2,880	5,130	507	489	243	169	151
CFSM	-.09	1.01	8.20	4.64	2.92	2.74	5.13	-.80	-.26	-.12	-.09	-.08
IN.	-.10	1.13	9.46	5.35	3.04	3.16	5.72	-.93	-.29	-.14	-.10	-.08

CAL YR 1961: TOTAL 2,416,796 MEAN 6,521 MAX 65,400 MIN 182 CFSM 2.14 IN 28.99
 MAY YR 1962: TOTAL 2,436,397 MEAN 6,753 MAX 65,400 MIN 151 CFSM 2.17 IN 28.90

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	200	224	314	227	2,740	2,890	1,360	925	129	144	651	222
2	191	219	293	306	3,320	2,900	1,550	1,130	123	154	644	192
3	178	214	322	414	3,830	3,190	875	1,180	122	188	789	180
4	175	212	336	436	3,320	3,320	503	1,060	112	178	866	200
5	167	199	346	352	4,250	3,390	456	900	117	218	892	308
6	167	183	345	286	4,370	4,040	707	793	119	164	830	198
7	172	193	361	370	4,120	3,930	774	698	122	153	798	193
8	174	201	360	421	3,580	3,790	761	607	120	2,050	799	211
9	188	204	365	500	3,140	3,610	840	544	109	2,540	761	208
10	255	229	314	920	2,450	3,430	1,000	490	112	1,010	770	186
11	591	190	225	954	2,240	3,250	1,120	472	104	641	815	177
12	894	234	222	700	2,100	3,290	1,120	459	110	415	774	157
13	905	243	223	714	1,950	3,410	1,010	390	112	305	685	142
14	787	226	218	1,040	1,960	3,970	899	360	103	270	622	137
15	666	212	212	1,240	1,900	5,010	854	307	101	226	578	151
16	575	182	214	1,260	1,760	5,920	803	275	82	211	563	145
17	509	229	226	997	1,550	6,330	754	243	82	218	756	54
18	464	271	225	826	1,520	6,430	698	240	102	205	743	45
19	416	263	225	1,090	2,410	6,240	668	205	107	316	601	60
20	402	290	218	1,290	2,620	5,230	1,050	203	137	472	470	64
21	390	292	224	2,010	3,480	3,830	805	194	180	647	398	68
22	387	205	222	3,190	3,850	3,290	753	186	168	798	342	70
23	330	224	214	3,490	3,680	3,130	751	168	176	1,020	343	78
24	306	253	221	3,330	3,650	2,740	710	168	175	1,150	332	83
25	347	292	278	3,240	3,210	2,420	636	163	188	1,030	302	90
26	325	331	305	2,730	3,030	2,160	575	158	199	920	286	86
27	292	377	224	2,130	2,790	1,900	509	163	189	885	242	100
28	304	336	260	1,810	2,520	1,650	496	160	176	902	212	124
29	285	297	411	1,680	-----	1,830	503	170	170	847	196	114
30	262	297	256	1,890	-----	1,890	685	160	161	777	276	109
31	233	-----	231	2,010	-----	1,580	-----	137	-----	707	276	-----
TOTAL	11,537	7,326	8,610	41,853	81,760	109,990	24,225	13,330	3,979	19,761	17,552	4,154
MEAN	372	234	271	1,350	2,630	3,548	780	420	133	637	566	138
MAX	905	377	411	3,490	4,370	6,430	1,950	1,180	199	2,540	866	308
MIN	167	182	212	227	1,520	1,580	456	137	82	144	196	45
CFSM	-.12	-.08	-.09	-.44	-.94	1.14	-.26	-.14	-.04	-.21	-.18	-.04
IN.	-.14	-.09	-.10	-.50	-.98	1.32	-.29	-.16	-.05	-.24	-.21	-.05

CAL YR 1962: TOTAL 1,595,746 MEAN 4,372 MAX 38,300 MIN 151 CFSM 1.31 IN 12.13
 MAY YR 1963: TOTAL 1,343,877 MEAN 4,342 MAX 38,430 MIN 143 CFSM 1.30 IN 12.13

2-4860 Pearl River at Jackson, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	99	86	90	795	5,140	3,450	6,790	22,200	351	799	305	1,240
2	100	81	96	650	4,370	5,360	3,830	23,100	304	886	579	1,000
3	101	74	88	505	2,770	8,600	1,850	23,300	290	852	560	785
4	103	80	96	590	608	11,200	1,750	23,500	284	811	546	534
5	148	78	116	590	501	17,000	1,140	21,800	272	786	534	497
6	159	80	144	637	342	19,000	5,280	20,600	272	786	544	488
7	153	78	165	696	349	19,600	8,380	18,700	268	795	545	478
8	141	71	185	741	395	19,900	11,800	16,800	254	797	567	475
9	134	70	177	1,440	386	20,000	13,100	12,200	245	2,140	537	451
10	127	68	213	1,750	373	20,100	13,000	9,340	245	2,090	569	391
11	122	71	285	2,730	381	19,700	13,100	7,940	241	2,600	517	186
12	106	66	349	3,190	501	19,500	13,300	6,720	253	2,940	498	168
13	96	67	380	3,140	364	19,000	15,800	4,560	253	3,920	499	182
14	94	67	467	2,830	272	18,100	18,800	3,180	240	4,580	488	185
15	84	67	484	2,700	255	20,500	18,500	3,020	248	4,700	490	186
16	75	68	765	2,750	258	18,900	18,400	2,740	285	4,270	1,250	176
17	72	70	1,410	2,780	228	19,600	19,900	2,750	276	2,970	3,900	170
18	71	81	1,230	2,510	388	21,300	20,600	2,270	240	2,580	2,400	174
19	70	75	834	2,290	583	22,600	20,700	1,560	243	2,540	1,040	175
20	67	72	624	2,120	1,320	23,000	20,600	1,100	243	2,170	1,610	165
21	70	79	632	1,850	2,340	23,400	20,300	851	233	1,500	3,100	167
22	70	85	658	1,630	4,430	23,700	19,600	770	241	1,230	3,820	160
23	76	90	655	1,490	4,800	23,800	16,100	371	270	1,200	3,910	152
24	69	83	802	2,120	4,400	23,500	14,400	343	269	1,220	3,920	160
25	67	88	1,000	3,950	2,410	21,500	14,100	345	254	1,220	3,940	157
26	80	92	931	4,660	3,250	19,100	14,700	331	220	1,210	3,700	149
27	77	92	937	5,760	3,580	15,700	16,300	332	387	1,220	2,940	147
28	78	151	863	6,410	4,120	13,600	17,500	281	574	1,720	2,510	288
29	76	216	846	6,190	6,090	12,400	19,400	291	983	1,220	1,700	492
30	76	114	863	6,530	-----	11,300	20,700	268	783	1,050	1,460	458
31	74	-----	845	6,020	-----	9,480	-----	296	-----	608	1,450	-----
TOTAL	2,935	2,560	17,230	82,434	53,204	543,890	419,720	231,879	9,521	56,910	49,728	10,436
MEAN	96.7	85.3	556	2,627	1,735	17,543	13,950	7,480	323	2,036	1,666	344
MAX	159	216	1,410	6,580	5,140	23,800	20,700	23,500	983	4,700	3,940	1,240
MIN	67	66	88	505	228	3,450	1,140	268	220	608	305	147
CFSM	.03	.03	.18	.86	.59	5.66	4.51	2.41	.10	.59	.52	.11
IN.	.04	.03	.21	.99	.64	6.52	5.04	2.78	.11	.68	.60	.13

CAL YR 1963: TOTAL 339,329 MEAN 930 MAX 6,430 MIN 45 CFSM 1.30 IN 4.07

WAT YR 1964: TOTAL 1,480,447 MEAN 4,045 MAX 23,800 MIN 66 CFSM 1.30 IN 17.76

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	432	524	6,690	3,630	2,450	7,590	13,000	597	229	235	195	520
2	425	512	6,870	3,390	2,060	10,100	13,500	583	252	235	196	519
3	423	510	7,000	5,210	2,800	11,200	14,200	581	291	241	194	509
4	3,350	512	7,610	6,390	3,170	12,400	14,600	457	291	230	188	509
5	4,810	468	8,090	5,560	3,170	11,700	14,100	237	293	222	190	503
6	4,660	460	8,360	1,990	3,180	10,900	10,900	228	285	216	188	502
7	5,760	465	8,440	1,720	3,170	10,300	8,540	251	296	213	190	505
8	6,570	453	8,190	2,010	2,870	9,120	7,500	244	283	222	205	487
9	7,070	425	7,940	1,200	1,820	6,680	6,160	231	279	216	216	351
10	7,510	425	7,620	1,420	4,600	5,390	5,720	232	276	221	210	1,280
11	7,960	425	9,020	771	8,850	5,910	5,580	217	269	221	569	1,820
12	7,480	425	9,400	664	16,400	6,930	5,600	227	246	228	1,080	2,400
13	6,420	425	9,040	643	21,000	7,720	5,500	233	249	227	1,460	3,250
14	3,960	431	9,370	682	23,600	6,720	4,180	238	312	218	1,310	3,910
15	1,960	420	10,100	671	24,500	5,930	1,610	247	266	211	1,280	4,040
16	1,150	426	11,400	662	25,000	5,940	1,500	256	210	208	1,280	3,940
17	820	425	11,200	636	28,100	6,050	1,470	248	182	210	1,170	3,090
18	786	424	10,900	605	27,800	5,860	1,440	251	181	208	1,010	1,460
19	741	462	10,500	751	25,900	4,890	1,450	251	176	208	885	1,400
20	686	545	9,920	731	24,600	4,060	1,350	236	182	200	594	1,410
21	648	501	8,540	682	20,800	3,850	687	229	180	207	602	1,400
22	649	481	7,820	899	18,300	3,590	641	243	182	212	553	1,380
23	640	475	6,540	1,580	19,800	1,940	624	245	172	193	558	1,440
24	630	483	5,720	885	13,500	1,910	632	252	377	232	575	1,360
25	620	492	5,060	741	12,800	2,110	628	254	368	431	558	1,240
26	588	478	4,750	1,560	11,300	2,810	614	248	266	197	550	1,240
27	580	500	4,640	3,860	8,390	3,680	620	266	246	202	541	1,250
28	593	4,130	4,130	2,270	10,400	3,840	611	259	252	230	540	1,260
29	475	4,720	2,940	3,270	-----	4,360	613	251	239	236	539	1,280
30	375	5,940	2,180	5,150	-----	8,890	604	241	241	237	537	1,300
31	538	-----	3,980	5,040	-----	11,800	-----	242	-----	210	519	-----
TOTAL	79,309	27,382	234,060	65,283	362,580	204,170	144,874	6,775	7,222	6,272	18,082	45,578
MEAN	2,558	883	7,350	2,103	11,350	6,586	4,673	218	232	202	561	1,450
MAX	7,960	5,940	11,400	6,390	28,100	12,400	14,600	597	377	431	1,460	4,040
MIN	375	420	2,180	605	1,820	1,910	604	217	172	193	188	351
CFSM	.83	.29	2.44	.68	4.18	2.12	1.55	.09	.08	.07	.19	.49
IN.	.95	.33	2.81	.78	4.35	2.45	1.73	.11	.09	.08	.22	.55

CAL YR 1964: TOTAL 1,798,473 MEAN 4,914 MAX 23,800 MIN 147 CFSM 1.59 IN 21.58

WAT YR 1965: TOTAL 1,204,486 MEAN 3,300 MAX 28,100 MIN 172 CFSM 1.06 IN 14.45

2-4875 Strong River at Dlo, Miss

Location --Lat 31°58'45", long 89°54'05", in SW $\frac{1}{4}$ sec 28, T 2 N, R 4 E, Choctaw meridian, on left bank at downstream side of 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, 1 6 miles upstream from Dobbs Creek, and 2 miles northwest of Mendenhall

Drainage area --429 sq mi

Records available --August 1928 to September 1965 Monthly discharge only for some periods, published in WSP 1804

Gage --Digital water-stage recorder Datum of gage is 257 99 ft above mean sea level (Corps of Engineers bench mark) Prior to Oct 19, 1938, staff gage at site 700 ft upstream at datum 5 00 ft higher and Oct 19, 1938, to Dec 5, 1962, graphic water-stage recorder at present site and datum

Average discharge --37 years, 553 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (5,000 cfs), water years 1961-65									
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time
Feb 23, 1961	1600	14,300	29 24	Jan 7, 1962	0800	6,100	21 12	Apr 7, 1964	0800
Mar 19, 1961	0700	6,380	21 74	Jan 20, 1962	0800	6,700	22 41	Apr 28, 1964	1600
Mar 31, 1961	2300	* 15,100	29 52						
				Jan 19, 1963	2200	* 4,510	17 33	Oct 7, 1964	1400
Nov 14, 1961	0700	5,290	19 20					Feb 12, 1965	0700
Dec 23, 1961	1600	7,600	24 00	Mar 4, 1964	0400	5,400	19 46		
Dec 18, 1961	2000	* 11,700	27 37	Mar 16, 1964	1400	5,290	19 19		

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 4, 28, 1960	a 38	-	1964	Many days	16	c 2 27
1962	Sept 25, 29, 30, 1962	31	b 2 43	1965	June 5, 6, 1965	34	d 2 45
1963	Sept 24-27, 1963	19	2 30				

a Minimum daily

b Occurred Sept 2, 1962

c Occurred Oct 10, 11, 13, 1963

d Occurred July 24, 1965

1928-65 Maximum discharge, 24,800 cfs Jan 7, 1950 (gage height, 33 0 ft, from floodmark), minimum, 12 cfs Sept 1, 1954, Sept 20, 1956, minimum gage height, 2 20 ft Sept 1, 1954

Remarks --Records good Slight regulation at low flow by water mill above station prior to Oct 1, 1961

Revisions (water years) --WSP 697 1929 WSP 872 Drainage area WSP 1504 1932-34, 1938, 1949-50(M)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	40	119	49	896	237	897	12,800	113	55	313	119	84
2	39	75	46	763	146	668	8,190	113	53	286	103	108
3	39	64	49	541	619	567	5,360	110	49	226	110	189
4	38	53	49	267	453	482	2,620	98	47	190	315	116
5	58	91	49	181	329	420	901	93	45	155	363	89
6	124	47	49	147	277	435	685	81	42	122	217	90
7	103	44	47	134	271	831	560	73	40	152	120	130
8	90	43	52	347	284	1,460	473	70	41	731	96	325
9	88	43	57	459	260	1,500	817	82	58	758	81	114
10	73	44	63	459	230	1,000	1,240	75	202	539	89	96
11	57	43	139	292	198	551	1,080	82	90	626	77	93
12	52	43	144	207	171	400	999	81	67	1,930	81	122
13	46	43	139	217	155	351	904	70	64	2,970	100	100
14	46	44	107	390	144	315	725	64	169	3,370	642	224
15	45	45	120	371	132	390	521	66	193	2,980	478	185
16	44	47	120	294	128	384	388	63	242	2,450	388	136
17	41	51	113	231	171	1,820	319	63	164	837	375	103
18	41	49	107	185	1,210	5,630	269	60	207	392	214	82
19	42	49	90	183	2,020	6,230	240	60	424	280	126	73
20	42	49	90	205	2,900	5,620	215	58	1,740	385	90	67
21	40	45	119	203	5,800	4,660	195	61	2,540	588	90	65
22	40	52	116	221	10,900	2,550	180	98	1,660	339	107	64
23	42	69	166	180	13,700	1,050	161	96	942	257	198	61
24	40	61	134	261	12,000	636	150	71	495	1,180	116	61
25	40	63	104	990	8,620	462	140	67	1,220	554	200	58
26	41	65	89	1,150	5,810	377	221	96	2,290	339	142	55
27	40	64	78	1,160	3,610	672	264	85	3,090	279	125	54
28	38	60	77	841	1,950	3,000	174	72	2,050	171	82	54
29	40	55	77	523	-----	4,710	139	63	1,300	294	94	55
30	102	52	101	351	-----	5,670	122	58	482	301	493	54
31	190	-----	473	279	-----	13,400	-----	57	-----	163	-----	-----
TOTAL	1,801	1,632	3,213	12,928	72,925	67,138	41,054	2,399	20,061	24,157	5,904	3,107
MEAN	58.1	54.4	104	417	2,604	2,166	1,368	77.4	669	779	190	104
MAX	190	119	473	1,160	13,700	13,400	12,800	113	3,090	3,370	642	325
MIN	38	43	46	134	128	315	122	57	40	122	77	54
CFSM	-14	-13	-24	-97	6.07	5.05	3.19	-18	1.56	1.82	-44	-24
IN.	-16	-14	-28	-1.12	6.32	5.82	3.56	-21	1.74	2.09	-51	-27

CAL YR 1960: TOTAL 159,311 MEAN 435 MAX 4,750 MIN 33 CFSM 1.01 IN 13.81
 MAY YR 1961: TOTAL 236,319 MEAN 702 MAX 13,700 MIN 38 CFSM 1.04 IN 22.22

2-4875 Strong River at Dlo, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	54	56	212	866	740	921	4,260	795	405	85	47	36
2	98	55	195	959	609	634	3,470	500	284	85	116	35
3	109	91	182	725	523	605	2,000	371	325	84	100	41
4	85	181	174	518	475	574	795	280	282	73	108	38
5	76	184	169	2,810	448	512	482	235	242	62	79	189
6	70	142	190	5,400	500	426	1,010	200	286	56	62	653
7	61	104	260	5,840	509	341	1,470	179	329	52	51	85
8	61	85	304	5,010	429	331	1,290	164	187	51	48	49
9	64	72	622	4,120	400	321	787	149	133	51	44	42
10	59	68	2,910	1,960	382	349	484	138	147	56	41	48
11	54	64	3,530	784	343	390	396	125	166	51	40	44
12	54	62	5,610	628	311	365	2,230	120	160	51	39	41
13	51	1,130	7,370	556	298	315	3,820	113	108	50	39	37
14	50	4,920	6,720	584	286	279	3,450	126	99	47	39	35
15	47	4,070	6,260	2,550	282	331	2,880	125	94	49	37	44
16	48	3,330	5,820	3,800	301	349	1,570	109	85	47	36	46
17	51	2,580	6,200	3,010	294	317	514	99	74	47	37	44
18	51	1,630	10,700	2,710	288	275	409	95	72	45	36	39
19	50	850	10,600	5,650	365	244	353	90	66	44	41	37
20	48	411	8,270	6,470	446	235	311	86	67	43	45	35
21	49	307	5,220	5,150	1,090	231	273	86	74	44	38	35
22	50	279	2,320	4,090	2,290	221	244	84	72	43	40	34
23	51	1,450	805	2,350	3,260	208	217	82	66	44	41	32
24	51	2,020	624	1,080	2,880	197	215	80	72	48	42	32
25	51	1,450	516	1,100	2,410	190	271	78	84	43	83	31
26	51	725	453	1,110	1,590	181	398	75	85	44	138	32
27	51	424	425	3,130	1,180	171	345	73	69	49	72	32
28	51	331	443	3,980	1,160	165	2,400	72	64	51	47	32
29	55	277	462	3,330	-----	159	2,150	79	99	58	41	31
30	55	237	400	2,810	-----	154	1,470	315	94	60	39	31
31	55	-----	442	1,790	-----	3,200	-----	400	-----	51	37	-----
TOTAL	1,811	27,590	88,408	84,840	24,083	13,211	39,964	5,523	4,390	1,664	1,703	1,940
MEAN	58.1	920	2,852	2,737	860	426	1,332	178	146	53.7	54.7	61.7
MAX	109	4,920	10,700	6,470	3,260	3,200	4,260	795	405	85	138	653
MIN	47	55	169	518	282	154	215	72	64	43	36	31
CFSM	.14	2.14	6.65	6.38	2.00	.99	3.11	.42	.34	.13	.13	.15
IN.	.16	2.39	7.66	7.35	2.09	1.15	3.46	.48	.38	.14	.15	.17

CAL YR 1961: TOTAL 367,482

MEAN 1,007

MAX 13,700

MIN 40

CFSM 2.35

IN 31.86

WAT YR 1962: TOTAL 295,127

MEAN 809

MAX 10,700

MIN 31

CFSM 1.88

IN 25.58

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	37	41	43	119	1,030	731	119	49	29	47	33	35
2	44	41	43	86	854	1,180	112	47	28	47	30	26
3	37	42	45	71	1,060	1,020	101	46	26	49	25	23
4	36	48	67	63	950	672	96	45	27	46	25	25
5	35	47	57	63	852	426	88	45	29	38	25	63
6	35	44	54	68	512	398	150	45	30	33	25	55
7	35	48	50	65	349	370	183	44	30	31	25	35
8	39	47	48	63	280	312	167	43	29	40	29	27
9	48	48	46	59	237	257	146	42	29	48	27	24
10	43	45	45	59	208	226	120	40	33	36	26	22
11	37	47	44	238	205	223	105	39	26	33	24	22
12	35	67	44	374	219	1,180	115	39	23	31	23	21
13	35	53	43	329	226	3,480	117	38	23	32	22	21
14	35	51	45	258	219	3,880	127	37	22	33	70	22
15	35	49	47	158	195	3,340	106	35	21	31	171	25
16	35	46	49	116	173	2,920	85	34	21	31	45	25
17	53	47	48	114	157	951	73	33	31	33	31	27
18	45	84	48	455	266	464	67	32	40	34	26	27
19	45	67	48	2,370	1,490	369	62	33	35	34	24	28
20	53	168	48	4,140	1,490	385	66	33	146	36	23	25
21	259	119	50	3,370	1,160	316	73	32	224	33	24	22
22	150	89	52	1,960	622	260	76	31	284	32	24	21
23	77	71	51	1,050	369	252	68	31	201	32	23	20
24	55	61	87	598	495	209	65	30	104	33	23	19
25	50	53	123	422	603	192	68	31	70	45	27	19
26	46	49	110	353	519	209	44	31	98	62	28	19
27	41	46	85	347	404	190	60	31	111	39	26	21
28	40	44	92	280	308	172	58	31	57	37	30	24
29	42	43	283	242	-----	154	56	31	43	33	59	23
30	51	43	225	791	-----	139	53	30	38	32	83	21
31	45	-----	160	1,170	-----	127	-----	29	-----	33	78	-----
TOTAL	1,653	1,748	2,280	19,851	15,422	24,204	2,846	1,137	1,308	1,154	1,154	787
MEAN	53.3	56.3	73.5	640	552	803	94.9	36.7	43.6	37.2	37.2	26.2
MAX	259	168	283	4,140	1,490	3,880	183	49	284	62	171	63
MIN	35	41	43	59	157	127	63	29	21	31	22	19
CFSM	.12	.14	.17	1.49	1.29	1.67	.22	.09	.15	.09	.09	.06
IN.	.14	.15	.20	1.72	1.34	2.16	.25	.10	.17	.10	.10	.07

CAL YR 1962: TOTAL 182,999

MEAN 501

MAX 4,140

MIN 31

CFSM 1.17

IN 15.86

WAT YR 1963: TOTAL 74,874

MEAN 205

MAX 4,140

MIN 19

CFSM .48

IN 6.49

2-4875 Strong River at Dlo, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	20	22	30	50	203	305	187	1,600	155	577	64	32
2	20	28	33	50	176	2,920	174	498	147	757	66	32
3	20	23	42	57	155	4,990	167	386	90	907	257	30
4	20	22	37	72	140	5,170	162	300	73	731	157	29
5	19	23	35	89	161	4,510	484	242	64	549	95	29
6	18	24	33	132	233	3,860	5,710	203	59	316	65	28
7	18	24	30	200	192	1,630	8,440	178	55	163	57	30
8	18	23	35	150	150	610	7,120	159	52	107	49	30
9	17	26	35	500	124	535	5,860	143	50	97	46	29
10	17	29	33	1,000	109	861	3,450	132	54	98	45	27
11	17	25	54	900	95	782	864	124	52	266	49	26
12	17	23	155	800	84	603	588	128	50	280	50	26
13	17	23	136	500	90	411	2,150	133	50	212	69	24
14	17	24	226	300	140	693	3,090	119	47	146	128	23
15	18	25	189	250	224	4,270	3,690	106	43	236	87	23
16	18	26	111	200	365	5,150	2,560	96	131	147	72	24
17	17	28	79	500	305	4,110	1,590	90	100	107	66	94
18	17	28	61	800	1,110	2,820	553	82	67	181	52	69
19	17	27	51	500	980	1,510	407	76	49	103	51	138
20	16	31	49	300	700	945	331	73	42	68	57	115
21	16	36	67	250	422	771	275	70	40	56	63	85
22	16	34	94	200	271	576	233	69	42	49	51	51
23	16	76	174	200	203	424	205	67	42	47	46	39
24	16	51	139	250	167	347	230	66	55	58	42	34
25	17	41	110	1,000	766	321	462	69	214	58	40	31
26	17	33	90	800	1,130	514	2,330	63	356	46	44	29
27	20	33	80	500	967	422	6,750	59	424	51	41	30
28	24	39	70	300	663	315	8,520	57	181	52	37	33
29	19	49	60	200	401	275	7,670	60	190	47	42	37
30	17	33	53	184	-----	231	4,970	58	169	65	38	186
31	17	-----	49	190	-----	203	-----	182	-----	51	34	-----
TOTAL	553	929	2,440	11,424	10,726	51,084	80,142	5,688	3,143	6,628	2,062	1,413
MEAN	17.8	31.0	76.7	36.8	370	1,648	2,671	183	105	214	66.5	47.1
MAX	24	76	226	1,000	1,130	5,170	8,520	1,600	420	907	257	186
MIN	16	22	30	50	84	203	162	57	40	46	34	23
CFSM	.04	.07	.18	.86	.86	3.84	6.23	.43	.24	.50	.16	.11
IN.	.05	.08	.21	.99	.93	4.43	6.95	.49	.27	.57	.18	.12

CAL YR 1964: TOTAL 73,115 MEAN 200 MAX 8,520 MIN 16 CFSM 1.47 IN 19.34
 MAY YR 1964: TOTAL 176,232 MEAN 482 MAX 8,520 MIN 16 CFSM 1.12 IN 19.28

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	231	67	2,740	1,900	280	982	2,820	80	39	94	160	66
2	138	64	1,840	2,200	250	2,730	2,060	74	37	150	107	59
3	92	62	501	1,500	230	2,820	892	71	37	73	69	55
4	2,140	59	1,760	1,000	210	2,090	536	67	36	60	54	53
5	4,690	58	1,920	600	202	1,110	462	64	35	56	47	49
6	5,030	58	1,280	400	233	624	406	62	147	48	46	47
7	5,750	58	733	310	336	497	351	61	207	61	60	44
8	4,490	57	420	400	356	419	302	59	176	115	81	43
9	1,140	57	328	600	336	368	266	57	127	107	795	41
10	326	57	277	880	1,560	664	238	56	84	133	535	47
11	233	57	2,290	640	3,770	972	217	55	65	279	175	840
12	185	57	4,180	490	5,720	1,490	201	53	58	189	121	1,780
13	154	57	3,900	370	5,640	3,070	602	52	59	112	130	1,200
14	135	57	2,980	320	4,600	2,300	724	52	146	69	103	628
15	122	59	2,300	285	3,690	1,810	322	51	449	67	73	273
16	113	59	730	265	1,570	944	229	49	417	68	61	157
17	102	60	467	245	2,160	592	184	48	181	66	56	105
18	95	60	721	225	3,160	900	157	47	115	52	57	83
19	89	90	604	215	2,400	909	142	46	83	46	59	71
20	81	148	472	210	1,660	623	132	45	65	42	68	69
21	78	112	503	600	804	417	120	44	56	40	90	75
22	75	106	520	2,800	581	342	111	46	50	39	111	78
23	87	150	3,200	473	313	104	51	47	38	120	113	70
24	67	185	390	3,700	525	302	98	47	39	92	470	40
25	68	325	350	2,500	978	312	92	43	56	74	83	383
26	66	266	310	1,500	801	470	90	41	147	44	67	291
27	64	233	285	700	587	819	94	40	113	42	59	167
28	72	3,250	265	500	441	754	92	62	87	54	54	104
29	82	4,100	250	400	-----	651	97	67	66	69	113	79
30	76	3,310	300	340	-----	2,550	89	54	54	288	136	106
31	71	-----	1,300	310	-----	3,530	-----	44	-----	228	85	-----
TOTAL	26,126	13,275	35,366	29,605	43,556	36,374	12,230	1,688	3,287	2,842	3,867	7,576
MEAN	84.3	44.3	1,141.7	953.8	1,411.7	1,111.7	411.7	54.3	110.7	91.7	125.7	253.7
MAX	5,750	4,100	4,180	3,700	5,720	3,530	2,820	80	449	288	795	1,780
MIN	64	57	250	210	202	302	89	40	35	38	46	41
CFSM	1.96	1.03	2.66	2.23	3.63	2.74	.95	.13	.26	.21	.29	.59
IN.	2.26	1.15	3.07	2.57	3.78	3.15	1.06	.15	.28	.25	.34	.66

CAL YR 1964: TOTAL 247,077 MEAN 675 MAX 8,520 MIN 23 CFSM 1.57 IN 21.42
 MAY YR 1965: TOTAL 215,792 MEAN 591 MAX 5,750 MIN 35 CFSM 1.38 IN 18.71

Note --No gage-height record Dec 23 to Feb 3

2-4885 Pearl River near Monticello, Miss

Location --Lat 31°33', long 90°05', in SW $\frac{1}{4}$ sec 23, T 7 N, R 21 W, St. Stephens meridian, near left bank on downstream side of pier of bridge on U S Highway 84, 1.0 mile east of Monticello, $\frac{1}{2}$ miles upstream from Halls Creek, and 3 miles upstream from Silver Creek

Drainage area --5,040 sq mi, approximately

Records available --October 1938 to September 1965 Gage-height records collected in vicinity since 1924, are contained in reports of U S Weather Bureau

Gage --Water-stage recorder Datum of gage is 158.66 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) Prior to Dec 12, 1938, staff gage, Dec 12, 1938, to Jan 10, 1949, water-stage recorder, and Jan 11, 1949, to Oct 16, 1952, wire-weight gage all at present site and datum

Average discharge --27 years, 6,144 cfs

Extremes --Maximum and minimum discharges for the water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Apr 1, 1961	51,800	28 21	Oct 5, 1960	463	3 80
1962	Dec 25, 1961	63,500	29 64	Sept 30, 1962	443	3 18
1963	Jan 21, 1963	20,100	20 54	Sept 24-25, 1963	284	3 28
1964	Apr 28, 1964	35,600	25 18	Oct 24, 1963	269	3 24
1965	Feb 22, 1965	29,300	23 87	Aug 6, 1965	529	4 06

a Occurred Oct 28, 1961

1938-65 Maximum discharge, 63,500 cfs Dec 25, 1961 (gage height, 29.64 ft), minimum, 269 cfs Oct 24, 1963

Flood in April 1902 reached a stage of about 33 ft, from reports of U S Weather Bureau (discharge, about 100,000 cfs, from rating curve extended above 70,000 cfs by logarithmic plotting) A discharge of 69,000 cfs was measured April 8, 1938, by Corps of Engineers (gage height, 30.15 ft, from floodmark)

Remarks --Records good

Revisions (water years) --WSP 1504 1939, 1949

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	521	976	990	5,340	4,020	32,000	51,300	2,910	906	6,770	4,030	2,600
2	503	866	948	5,570	3,530	31,900	48,000	3,000	880	6,770	3,690	1,860
3	494	698	886	4,580	4,160	33,600	44,000	3,060	860	6,070	3,400	1,750
4	485	575	832	4,510	4,180	37,000	40,500	2,950	834	5,300	3,520	1,910
5	512	531	793	4,480	3,410	40,000	36,200	2,790	822	3,690	3,400	1,640
6	754	521	760	4,150	2,990	41,600	32,100	2,620	797	3,010	3,000	1,380
7	1,160	550	728	3,840	2,950	41,900	28,700	2,510	767	2,870	2,690	2,150
8	920	555	710	8,540	3,000	40,000	26,400	2,410	761	3,250	2,400	1,790
9	806	555	735	8,170	2,810	37,200	26,200	2,510	755	4,320	2,180	1,640
10	741	575	780	5,520	2,590	33,700	27,200	4,160	1,000	3,730	2,630	1,480
11	1,160	555	1,200	4,420	2,370	30,400	27,000	3,150	1,210	2,760	2,310	1,340
12	1,710	560	1,570	3,880	2,240	26,600	26,700	2,190	1,070	3,830	2,010	1,290
13	1,800	555	1,830	4,790	2,130	23,100	26,000	1,900	912	9,090	2,000	1,360
14	1,530	521	1,580	9,330	2,030	19,800	25,000	1,750	919	11,900	2,750	1,440
15	1,240	507	1,650	7,140	1,940	16,500	23,700	1,660	1,350	12,400	3,870	1,430
16	1,010	521	1,880	4,860	1,830	14,000	22,200	1,580	1,140	11,600	3,220	1,330
17	866	570	1,780	3,480	2,120	15,300	20,300	1,930	1,150	11,000	2,390	1,180
18	754	623	1,580	2,820	10,300	23,500	18,000	2,060	1,370	9,790	2,150	1,050
19	692	651	1,430	2,520	14,800	26,900	15,600	2,120	1,970	8,880	2,000	990
20	662	617	1,380	2,390	16,800	27,700	13,400	1,880	3,520	8,570	1,960	954
21	634	591	1,540	2,460	22,700	26,800	11,400	1,570	9,010	8,940	1,710	930
22	601	555	1,550	2,320	31,600	25,200	9,630	1,350	10,100	9,580	1,530	906
23	570	698	1,390	2,180	33,600	23,900	7,900	1,260	8,180	9,860	1,450	930
24	550	962	1,300	2,360	33,500	22,600	6,260	1,230	6,670	10,200	1,440	936
25	531	1,450	1,370	8,420	36,300	21,300	5,180	1,150	8,290	10,500	1,480	854
26	512	1,220	1,510	10,600	36,600	20,400	4,580	1,090	13,600	10,400	1,600	798
27	507	1,000	1,510	8,700	35,200	20,100	4,250	1,100	15,400	9,650	1,560	760
28	498	976	1,430	6,760	33,300	26,400	3,910	1,140	13,400	8,130	1,420	745
29	489	1,050	1,340	5,750	-----	40,400	3,400	1,040	10,300	6,500	1,500	710
30	517	1,030	1,450	5,180	-----	39,900	3,080	971	7,960	4,980	1,620	665
31	692	-----	2,310	4,610	-----	46,700	-----	938	-----	4,330	2,090	-----
TOTAL	24,421	21,614	40,742	159,670	353,000	906,400	639,090	61,979	125,903	228,470	73,000	39,728
MEAN	788	720	1,314	5,151	12,610	29,240	21,270	4,197	4,197	7,370	2,355	1,293
MAX	1,800	1,450	2,310	10,600	36,600	46,700	51,300	4,160	15,400	12,400	4,030	2,600
MIN	485	507	710	2,180	1,830	14,000	3,080	938	755	2,760	1,420	665
CFSM	.16	.14	.26	1.02	2.50	5.80	4.22	.40	.83	1.46	.47	.26
IN.	.18	.16	.30	1.18	2.60	6.69	4.71	.46	.93	1.69	.54	.29

CAL YR 1960: TOTAL 1,898,543

MEAN 5,187

MAX 30,500

MIN 459

CFSM 1.03

IN 14.01

WAT YR 1961: TOTAL 2,672,087

MEAN 7,321

MAX 51,300

MIN 485

CFSM 1.43

IN 19.72

PEARL RIVER BASIN

721

2-4885 Pearl River near Monticello, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	655	524	6,880	40,300	29,200	12,600	22,200	20,200	4,140	1,440	740	601
2	725	529	6,430	36,400	26,300	12,800	23,100	15,900	3,660	1,350	866	671
3	826	583	5,880	32,400	24,600	13,100	20,200	12,700	3,380	1,300	1,920	652
4	1,000	725	5,180	28,800	23,400	13,700	15,000	10,600	2,400	1,360	2,900	715
5	1,500	1,050	4,440	28,700	22,700	14,100	12,100	9,500	2,580	1,450	2,270	740
6	1,380	1,130	3,880	31,500	22,400	14,600	12,400	9,010	2,870	1,380	1,600	755
7	1,300	859	3,700	29,000	22,100	14,900	14,400	8,480	2,960	1,250	1,100	1,000
8	1,180	720	3,800	26,200	21,900	15,000	14,000	7,800	2,800	1,080	916	839
9	776	660	4,770	23,300	21,300	14,900	13,200	6,990	3,310	1,020	812	610
10	793	700	10,800	20,800	20,500	14,600	12,200	6,210	3,230	1,010	795	556
11	782	820	13,800	18,200	19,100	14,200	11,600	5,480	3,420	1,020	790	552
12	750	888	18,900	15,700	17,200	13,600	12,600	4,720	3,180	1,090	800	556
13	705	3,560	24,900	14,300	14,300	13,400	11,700	4,100	2,520	988	765	565
14	665	16,200	27,600	14,400	11,000	12,200	15,400	3,670	2,040	888	745	556
15	640	17,900	30,200	18,300	7,490	11,700	20,000	3,290	1,750	878	785	695
16	610	16,500	33,000	21,600	6,310	11,100	20,000	2,840	1,570	905	828	844
17	660	14,800	34,300	22,900	5,750	10,600	20,000	2,270	1,480	932	785	790
18	710	12,100	40,600	23,900	5,360	10,200	20,000	1,950	1,420	1,220	671	690
19	715	8,940	45,400	30,900	5,160	10,100	20,500	1,900	1,400	1,020	624	578
20	665	7,440	46,600	35,000	5,390	10,000	22,000	1,880	1,390	878	583	534
21	630	6,790	48,700	35,200	5,720	9,920	24,500	1,820	1,270	785	565	526
22	601	6,650	53,800	34,200	5,580	9,750	27,800	1,700	1,200	745	596	534
23	578	9,480	57,400	32,100	5,440	9,440	31,200	1,550	1,190	740	633	583
24	565	14,500	62,300	29,700	13,500	8,770	33,400	1,490	1,180	765	565	565
25	556	14,900	63,200	27,200	14,100	7,790	33,600	1,450	1,750	740	574	526
26	538	12,200	62,000	25,300	13,300	6,440	32,200	1,420	2,110	755	715	497
27	524	9,300	60,200	26,600	12,600	5,330	29,600	1,300	1,600	861	750	481
28	516	7,840	57,400	29,400	12,600	4,400	32,400	1,230	1,320	822	745	473
29	516	7,400	53,100	31,300	-----	4,520	29,700	1,150	1,240	770	638	458
30	516	7,160	48,400	30,900	-----	4,400	24,800	1,360	1,510	795	570	443
31	520	-----	44,400	29,800	-----	12,000	-----	3,920	-----	850	534	-----
TOTAL	23,097	203,048	984,160	844,700	424,060	340,160	641,800	157,960	65,870	31,087	28,180	18,585
MEAN	745	6,745	31,750	27,250	15,150	10,970	21,300	5,095	2,160	1,000	904	625
MAX	1,500	17,900	63,200	40,300	28,200	15,000	33,600	20,200	4,140	1,450	2,900	1,000
MIN	516	524	3,700	14,300	5,160	4,400	11,600	1,150	1,180	740	534	443
CFSM	.15	1.34	6.30	5.41	3.00	2.18	4.24	1.01	.44	.20	.18	.12
IN.	.17	1.50	7.26	6.23	3.13	2.51	4.74	1.17	.49	.23	.21	.14

CAL YR 1961: TOTAL 3,795,615 MEAN 10,400 MAX 63,200 MIN 516 CFSM 2.06 IN 28.01
WAT YR 1962: TOTAL 3,762,707 MEAN 10,310 MAX 63,200 MIN 443 CFSM 2.05 IN 27.76

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	458	655	665	1,260	6,710	5,820	2,650	972	426	766	1,460	1,480
2	497	620	625	954	5,710	7,360	2,390	988	418	818	1,160	870
3	497	596	615	826	7,110	7,150	2,220	1,150	402	662	1,050	662
4	493	578	615	750	8,010	6,030	2,190	1,350	386	573	966	573
5	513	588	655	710	7,250	5,400	1,900	1,470	370	849	929	545
6	473	588	710	760	6,570	6,010	1,540	1,430	362	1,330	988	541
7	454	578	695	804	6,040	7,130	1,500	1,400	362	864	1,030	726
8	440	570	665	788	5,670	6,470	1,610	1,310	362	706	1,050	686
9	451	556	635	700	5,250	5,700	1,650	1,110	354	1,530	994	573
10	458	542	620	720	4,600	5,210	1,610	994	362	3,710	950	492
11	469	538	615	810	3,900	4,870	1,600	902	386	2,930	939	463
12	458	560	615	2,080	3,500	5,130	1,650	838	374	1,770	934	467
13	466	610	596	3,090	3,400	12,000	1,860	786	362	1,730	939	471
14	795	620	560	2,150	3,180	14,000	2,120	764	358	1,080	972	446
15	1,080	596	524	1,630	2,990	15,000	1,880	721	354	844	999	438
16	1,060	565	524	1,490	2,840	13,000	1,670	676	354	711	1,110	410
17	1,060	552	524	1,580	2,690	11,000	1,520	638	354	642	1,050	370
18	918	556	524	2,390	2,610	8,740	1,460	605	442	619	844	370
19	848	592	524	6,280	6,490	7,640	1,350	573	492	736	833	382
20	782	810	529	17,100	9,240	7,440	1,280	600	442	746	907	378
21	882	1,170	524	19,800	7,780	7,250	1,340	582	797	619	902	370
22	1,270	1,110	534	15,800	6,220	6,600	1,580	550	1,080	610	818	354
23	1,260	912	660	9,470	5,510	5,370	1,420	600	1,110	765	721	310
24	948	760	620	7,180	6,290	4,480	1,300	534	1,090	1,660	633	284
25	788	655	685	6,140	7,110	4,020	1,270	505	2,390	1,820	587	284
26	705	615	826	5,240	6,370	3,750	1,270	501	2,220	1,840	573	284
27	610	610	596	4,720	4,720	4,720	1,020	479	1,520	1,520	294	294
28	660	610	766	4,170	4,600	3,250	1,150	458	761	1,390	568	326
29	655	640	1,200	3,530	-----	2,880	1,090	442	741	1,290	577	322
30	645	660	2,110	3,400	-----	2,610	1,030	434	771	1,250	740	310
31	650	-----	1,870	6,400	-----	2,640	-----	430	-----	1,250	1,470	-----
TOTAL	21,793	19,612	22,556	132,722	152,988	207,530	48,310	24,796	19,782	37,489	28,247	14,458
MEAN	703	634	728	4,281	4,904	6,695	1,610	800	655	1,209	911	482
MAX	1,270	1,170	2,110	19,800	9,240	15,000	2,650	1,470	2,390	3,710	1,470	1,480
MIN	440	538	524	700	2,610	2,610	1,030	430	354	573	554	284
CFSM	.14	.13	.14	.85	1.08	1.33	.32	.16	.13	.24	.18	.10
IN.	.16	.14	.17	.98	1.13	1.53	.36	.18	.15	.28	.21	.11

CAL YR 1962: TOTAL 2,616,363 MEAN 7,168 MAX 40,300 MIN 440 CFSM 1.42 IN 19.31
WAT YR 1963: TOTAL 730,275 MEAN 2,001 MAX 19,800 MIN 284 CFSM .40 IN 5.39

2-4885 Pearl River near Monticello, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	322	280	891	1,200	6,810	5,810	17,700	32,900	2,210	2,150	1,750	2,750
2	330	287	647	1,180	6,700	10,400	15,400	30,600	1,360	3,130	1,540	2,570
3	330	291	536	1,150	6,080	19,000	12,600	27,400	1,590	3,470	1,300	1,710
4	326	303	475	1,130	5,290	21,400	8,440	24,900	1,390	3,440	1,330	1,490
5	322	322	438	1,250	3,840	21,000	5,320	23,400	1,240	2,940	1,490	1,420
6	322	318	422	1,420	2,730	20,000	11,800	22,700	1,170	2,280	1,260	1,150
7	322	314	390	2,170	2,170	19,000	19,100	22,600	1,120	1,780	1,540	996
8	322	307	374	2,150	1,740	18,000	23,500	22,400	1,080	1,550	1,930	930
9	326	303	362	5,870	1,460	17,000	26,200	22,200	1,020	9,320	1,400	894
10	330	307	370	6,000	1,300	17,000	25,200	21,800	990	9,340	1,260	859
11	330	307	489	4,350	1,220	17,900	22,600	21,000	972	6,800	1,190	820
12	330	303	1,510	3,880	1,140	18,000	19,800	19,900	990	4,150	1,230	793
13	326	299	1,480	4,750	1,090	18,200	19,400	18,100	960	4,720	1,540	735
14	322	287	1,740	4,420	1,690	18,500	19,900	13,600	918	5,120	2,090	660
15	318	284	2,140	3,920	1,440	21,800	22,200	8,080	870	4,980	1,280	615
16	334	287	1,640	3,590	1,660	27,100	22,600	5,480	864	5,200	1,120	601
17	310	287	1,200	4,360	2,020	21,200	22,200	4,750	900	5,260	1,080	610
18	299	291	1,010	7,020	3,790	31,200	21,500	4,420	1,030	4,770	1,500	730
19	299	291	1,360	5,350	5,790	30,400	20,800	4,220	1,040	3,840	3,030	826
20	291	307	1,490	4,140	3,840	29,300	20,100	3,730	906	3,370	2,390	740
21	284	330	1,430	3,410	2,740	27,200	19,800	3,170	842	3,160	1,860	730
22	276	358	1,350	2,960	2,710	25,200	19,700	2,710	842	2,770	1,900	710
23	272	467	1,620	2,710	3,340	23,800	19,800	2,380	1,030	2,930	3,140	665
24	269	532	1,790	2,990	4,700	22,900	20,000	2,150	1,310	3,470	3,930	635
25	272	505	1,510	5,620	6,250	22,500	20,500	1,830	1,480	2,430	4,150	592
26	272	438	1,300	8,590	8,100	22,400	22,000	1,450	1,590	2,030	4,280	565
27	272	398	1,420	7,840	6,960	22,300	31,400	1,540	1,380	1,920	4,320	556
28	287	386	1,430	6,980	5,820	22,400	35,200	1,430	1,420	2,030	4,010	556
29	291	505	1,330	6,690	5,400	22,000	35,000	1,400	1,700	2,110	3,230	565
30	280	776	1,250	6,480	-----	21,000	34,100	1,360	1,810	1,930	2,870	635
31	280	-----	1,220	6,560	-----	19,600	-----	1,620	-----	2,000	2,510	-----
TOTAL	9,466	10,670	34,614	132,650	107,820	663,710	634,260	375,420	36,524	108,390	67,450	26,108
MEAN	305	356	1,117	4,279	3,718	21,410	21,140	12,110	1,217	3,446	2,172	937
MAX	334	776	2,140	8,590	8,100	31,200	35,200	32,900	2,210	9,340	4,320	2,750
MIN	269	280	362	1,130	1,090	5,810	5,320	1,360	842	1,550	1,080	556
CFSM	-06	-07	-22	-85	-74	4,19	2,40	-24	-49	-43	-19	-19
IN.	.07	.08	.26	.98	.80	4.90	4.68	2.77	.27	.80	.50	.21
CAL YR 1963: TOTAL	721,064	NEAN 1,976	MAX 19,800	MIN 269	CFSM -.39	IN 5.32						
WAT YR 1964: TOTAL	2,209,082	MEAN 6,036	MAX 35,200	MIN 269	CFSM 1.20	IN 16.30						

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,080	990	17,400	11,100	5,460	20,200	16,000	1,390	720	655	820	876
2	1,180	924	11,400	13,400	3,380	21,800	15,900	1,350	685	660	750	815
3	990	942	11,800	12,400	3,740	22,600	15,500	1,310	665	705	675	782
4	6,470	930	13,600	9,940	3,140	21,400	15,000	1,280	650	745	601	793
5	24,800	918	15,800	8,250	3,460	19,300	14,600	1,220	635	710	560	755
6	28,700	900	14,700	7,700	3,930	16,900	14,500	1,220	675	615	556	735
7	27,000	888	12,300	7,020	4,110	16,200	14,500	1,090	930	574	782	750
8	22,600	864	10,700	4,690	4,480	14,000	14,400	960	1,090	774	680	715
9	18,800	842	9,860	3,710	4,250	13,100	13,400	912	1,120	942	685	695
10	13,700	815	9,310	3,630	6,290	12,400	11,600	882	936	776	942	730
11	9,250	793	13,200	4,270	12,800	11,700	9,470	864	832	771	1,600	1,740
12	9,330	766	18,700	3,670	18,800	11,500	7,880	854	771	918	1,120	6,930
13	7,940	766	20,600	3,030	22,600	13,200	7,220	826	745	966	842	6,820
14	7,840	750	20,200	2,530	24,400	14,700	7,300	810	730	848	1,090	4,940
15	7,340	755	18,700	2,250	23,800	14,200	7,340	804	755	837	1,640	4,270
16	5,810	750	16,500	2,150	23,100	12,500	5,700	798	1,240	750	1,620	4,240
17	3,790	745	13,800	2,110	24,900	10,800	3,660	798	1,380	804	1,500	4,220
18	2,630	735	13,400	2,070	26,900	10,800	2,980	810	1,070	842	1,540	4,090
19	2,010	750	13,400	1,960	27,900	10,100	2,750	771	820	685	1,740	3,390
20	1,750	1,230	12,800	1,850	28,600	9,090	2,630	755	700	615	1,470	2,310
21	1,590	1,290	12,200	1,840	29,100	7,850	2,510	735	610	583	1,300	1,850
22	1,480	1,190	11,900	1,930	29,100	6,720	2,340	740	574	578	1,250	1,750
23	1,380	978	11,500	6,190	28,700	6,100	1,920	766	601	565	1,210	1,780
24	1,340	1,130	10,700	10,400	27,800	5,410	1,710	815	720	551	1,090	1,910
25	1,280	2,180	9,600	10,000	26,900	4,410	1,620	820	710	578	1,010	2,020
26	1,240	1,750	8,310	7,540	25,600	4,300	1,570	798	924	725	1,030	1,970
27	1,190	1,470	7,170	5,300	23,600	4,590	1,570	755	1,080	1,080	912	1,780
28	1,170	5,960	6,500	4,450	21,400	5,340	1,520	740	870	942	848	1,640
29	1,160	16,500	6,110	4,730	-----	6,050	1,480	746	760	882	960	1,550
30	1,170	18,900	5,590	3,920	-----	9,860	1,410	810	710	815	954	1,540
31	1,130	-----	5,810	4,480	-----	14,300	-----	766	-----	771	894	-----
TOTAL	217,140	68,401	385,860	168,710	490,740	371,420	219,980	28,195	24,708	23,262	32,671	68,366
MEAN	7,005	2,280	12,450	5,442	17,530	11,980	7,333	910	824	750	1,054	2,279
MAX	28,700	18,900	20,600	13,400	29,100	22,600	16,000	1,390	1,380	1,080	1,740	6,930
MIN	900	735	5,590	1,840	3,140	4,300	1,410	735	574	551	556	695
CFSM	1.39	2.45	2.47	1.08	3.48	2.38	1.45	.18	.16	.15	.21	.45
IN.	1.60	.50	2.85	1.24	3.62	2.74	1.62	.21	.18	.17	.24	.50
CAL YR 1964: TOTAL	2,825,733	NEAN 7,721	MAX 35,200	MIN 556	CFSM 1.93	IN 20.85						
WAT YR 1965: TOTAL	2,099,453	NEAN 5,752	MAX 29,100	MIN 551	CFSM 1.14	IN 15.49						

2-4892 4 Lower Little Creek near Baxterville, Miss

Location --Lat 31°09'30", long 89°37'40", in SE¼ sec 5, T 2 N, R 16 W, St Stephens meridian, near left bank on downstream side of bridge on county highway, 200 ft downstream from Gully Creek, 5 miles northwest of Baxterville, and 14 miles northwest of Lumberton

Drainage area --82 6 sq mi

Records available --June 1961 to September 1965

Gage --Water-stage recorder Altitude of gage is 180 ft (from topographic map)

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (2,400 cfs), June 1961 to September 1965											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Sept 14, 1961	0700	* 3,500	17 77	Apr 28, 1962	1000	3,860	18 30	Dec 11, 1964	1700	* 4,810	19 58
Nov 14, 1961	0400	* 6,920	21 80	Jan 20, 1963	1600	* 647	7 12	Jan 23, 1965	1600	2,450	15 50
Dec 18, 1961	0500	2,710	16 16	Mar 2, 1964	2300	2,750	16 25	Feb 17, 1965	1600	2,440	15 48
Jan 27, 1962	1200	2,550	15 76	Apr 27, 1964	0400	* 4,670	19 40				
Apr 6, 1962	1800	2,840	16 48								

Annual minimum discharge, June 1961 to September 1965							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Aug 20, 1961	53	2 72	1964	Oct 23, 24, 1963	23	a 2 24
1962	Sept 22-25, 1962	42	2 59	1965	July 21, 22, 1965	29	2 23
1963	Aug 19, 1963	22	2 27				

a Occurred Sept 26, 1964

1961-65 Maximum discharge, 6,920 cfs Nov 14, 1961 (gage height, 21 80 ft), from rating curve extended above 3,900 cfs on basis of logarithmic plotting, minimum, 22 cfs Aug 19, 1963, minimum gage height, 2 23 ft July 21, 22, 1965

Flood of Feb 18, 1961, reached a stage of 24 60 ft, from floodmarks (discharge 10,000 cfs, from rating curve extended above 3,900 cfs by logarithmic plotting)

Remarks --Records good

DISCHARGE, IN CUBIC FEET PER SECOND, JUNE TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1									80	86	120	133
2									79	83	100	144
3									76	85	93	260
4									77	81	200	122
5									76	80	138	80
6									75	78	121	72
7									75	76	373	87
8									79	99	223	72
9									76	108	116	77
10									77	89	100	77
11									102	125	83	126
12									141	226	91	168
13									232	173	81	657
14									246	101	74	2,420
15									193	84	69	447
16									182	94	100	195
17									115	136	73	142
18									195	116	65	118
19									352	95	57	104
20									737	449	56	99
21									432	264	86	90
22									167	123	66	89
23									117	106	56	84
24									107	146	70	80
25									205	180	80	73
26									570	484	65	71
27									429	545	56	70
28									167	209	56	69
29									111	209	120	70
30									95	180	263	68
31									-----	150	131	-----
TOTAL									5,667	5,054	3,382	6,364
MEAN									189	163	109	212
MAX									737	545	373	2,420
MIN									75	76	56	68
CF5M									2.29	1.97	1.32	2.57
IN.									2.55	2.28	1.52	2.87

2-4892 4 Lower Little Creek near Baxterville, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	79	67	128	286	235	219	526	182	335	145	197	50
2	122	68	127	214	222	452	228	163	390	116	178	47
3	156	146	122	184	208	319	170	142	138	95	192	53
4	110	253	122	180	203	219	154	128	102	88	214	47
5	79	127	121	411	209	181	157	120	128	80	292	49
6	70	99	130	692	264	158	1,600	114	199	74	151	58
7	70	86	130	356	199	152	793	108	164	69	91	75
8	107	77	119	277	185	151	292	106	113	67	68	68
9	109	71	192	236	192	151	233	98	104	65	59	62
10	82	70	1,140	250	181	147	203	97	89	88	53	56
11	70	71	1,160	212	180	153	195	94	82	80	51	53
12	62	72	1,720	186	180	156	434	93	112	70	50	53
13	59	1,430	1,180	187	170	134	373	103	159	84	49	49
14	59	3,740	417	219	160	158	198	115	166	83	58	53
15	54	637	1,070	434	150	342	170	106	122	68	71	52
16	54	1,010	1,020	331	180	214	156	119	94	61	68	72
17	54	437	1,190	219	200	144	99	133	99	62	58	60
18	54	247	1,930	247	190	135	144	96	98	86	53	49
19	53	207	549	872	170	132	141	91	85	73	51	44
20	53	176	354	505	165	129	132	84	88	61	50	43
21	53	157	295	291	168	136	121	80	77	58	52	43
22	56	208	272	254	195	124	116	78	68	58	58	43
23	58	707	250	233	182	135	113	76	68	57	54	42
24	58	348	229	221	229	126	111	76	66	56	53	42
25	58	195	217	211	181	563	110	75	102	54	68	42
26	56	168	208	363	180	335	136	71	351	53	59	43
27	53	158	238	1,830	165	169	116	69	140	61	56	45
28	58	156	265	601	156	144	2,320	67	334	171	51	44
29	80	144	206	321	-----	132	669	64	1,720	166	49	44
30	75	132	190	277	-----	136	247	114	298	138	52	44
31	70	-----	215	250	-----	598	-----	509	-----	85	58	-----
TOTAL	2,231	11,464	15,706	11,352	5,299	6,448	10,502	3,537	5,725	2,570	2,668	1,523
MEAN	72.0	382	507	366	189	208	350	114	191	82.9	86.1	50.8
MAX	156	3,740	1,930	1,830	264	598	2,320	509	1,320	171	292	75
MIN	53	67	119	160	150	124	110	64	66	53	49	42
CFSM	.87	4.63	6.13	4.43	2.29	2.52	4.24	1.38	2.31	1.00	1.04	.61
IN.	1.00	5.16	7.07	5.11	2.39	2.90	4.73	1.59	2.58	1.16	1.20	.69

CAL YR 1961: TOTAL 79,025 MEAN 217 MAX 3,740 MIN 42 CFSM 2.62 IN 35.58
WAT YR 1962: TOTAL 79,025 MEAN 217 MAX 3,740 MIN 42 CFSM 2.62 IN 35.58

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	88	44	60	76	99	81	48	32	27	101	58	66
2	144	45	59	71	95	76	47	31	27	91	38	37
3	72	45	57	65	195	70	47	32	25	60	30	32
4	56	49	57	63	139	71	47	31	25	94	26	42
5	52	49	56	63	94	127	45	30	25	55	25	33
6	48	48	57	65	81	393	47	29	25	41	30	29
7	46	48	59	64	77	186	57	29	25	38	26	26
8	51	49	69	62	71	103	52	28	40	34	25	25
9	78	50	69	61	69	95	49	28	32	45	25	24
10	59	50	62	61	69	103	49	28	30	44	27	24
11	50	52	61	81	82	91	47	27	28	43	25	24
12	46	89	60	156	158	89	43	28	26	53	24	24
13	45	87	58	104	110	90	44	28	43	47	24	25
14	45	64	60	80	81	90	45	28	31	43	23	26
15	45	57	63	69	71	110	42	27	30	38	25	27
16	47	56	66	65	65	91	42	26	27	40	23	28
17	66	55	65	68	63	81	41	25	40	34	23	30
18	58	59	64	316	88	73	41	26	51	30	23	31
19	50	63	63	337	288	72	41	28	41	34	23	31
20	48	86	63	580	164	78	41	37	41	38	23	28
21	51	136	64	419	103	65	41	55	50	31	36	26
22	60	106	80	182	83	58	41	45	93	28	41	24
23	72	76	135	185	150	61	48	40	66	49	29	24
24	47	64	68	121	241	55	40	36	38	32	24	24
25	45	60	98	98	208	56	37	33	45	31	53	24
26	45	58	84	98	116	81	36	32	42	96	35	25
27	45	58	72	98	93	68	37	31	32	78	28	26
28	45	59	77	84	82	57	36	30	30	40	105	29
29	45	59	323	78	-----	53	37	30	29	32	140	28
30	47	60	206	101	-----	50	35	29	63	32	54	25
31	48	-----	95	111	-----	49	-----	27	-----	44	120	-----
TOTAL	1,725	1,877	2,471	4,032	3,161	2,818	1,296	966	1,109	1,479	1,211	867
MEAN	55.6	62.6	79.7	130	113	90.9	43.2	31.2	37.0	47.7	39.1	28.9
MAX	146	136	323	580	288	393	57	55	93	101	140	66
MIN	45	44	56	61	63	49	35	25	25	28	23	24
CFSM	.67	.76	.97	1.37	1.37	1.10	.52	.38	.45	.58	.47	.35
IN.	.78	.85	1.11	1.82	1.42	1.27	.58	.43	.50	.67	.95	.39

CAL YR 1962: TOTAL 55,697 MEAN 153 MAX 2,320 MIN 42 CFSM 1.85 IN 25.98
WAT YR 1963: TOTAL 23,012 MEAN 63.0 MAX 3,580 MIN 42 CFSM 1.76 IN 10.38

2-4892 4 Lower Little Creek near Baxterville, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	25	29	48	51	132	154	84	295	338	67	41	36
2	25	32	46	57	93	1,450	81	448	138	107	162	34
3	26	28	71	83	76	1,150	81	295	78	95	203	32
4	25	28	61	97	69	334	84	143	62	120	86	31
5	24	28	50	114	81	246	81	106	53	74	54	31
6	24	28	43	193	94	174	223	89	49	52	46	34
7	24	28	40	334	76	138	654	81	47	43	44	40
8	24	27	41	174	70	127	268	75	44	38	146	46
9	24	27	40	336	65	122	141	71	43	37	69	37
10	24	30	38	220	60	118	101	69	48	42	50	33
11	24	30	39	116	57	100	89	66	47	44	52	31
12	24	27	60	195	54	87	83	151	43	45	47	30
13	25	26	134	154	57	81	98	289	39	145	41	29
14	25	27	228	96	81	596	195	141	38	112	49	29
15	26	28	172	79	83	1,690	172	85	38	66	128	29
16	25	28	87	85	99	563	103	70	108	69	75	28
17	26	28	63	227	102	235	80	65	224	54	99	44
18	26	28	55	203	547	172	74	59	95	46	65	80
19	25	28	50	135	296	331	72	56	57	42	52	64
20	24	30	52	278	140	514	66	53	46	38	47	46
21	25	32	88	176	103	246	60	53	41	37	42	38
22	24	50	102	170	90	155	57	55	38	39	44	34
23	23	236	123	244	80	132	54	62	78	44	80	32
24	24	125	93	220	78	129	52	69	82	62	57	29
25	25	59	69	241	351	200	56	61	67	119	76	27
26	26	46	62	152	290	174	5,760	57	58	77	146	76
27	26	41	57	108	246	127	2,610	51	116	64	83	28
28	26	48	52	99	289	106	406	47	83	57	53	30
29	25	80	50	85	161	99	186	44	75	54	45	72
30	25	65	45	76	-----	89	129	47	69	48	45	92
31	25	-----	46	119	-----	85	-----	270	-----	44	39	-----
TOTAL	769	1,347	2,205	4,917	4,020	9,924	12,200	3,523	2,342	1,981	2,266	1,172
MEAN	24.8	44.9	71.1	159	137	320	407	114	78.1	63.9	73.1	39.1
MAX	26	236	228	336	547	1,690	5,760	448	338	145	203	92
MIN	23	26	38	51	54	81	52	44	38	37	39	26
CFSM	.30	.54	.86	1.92	1.68	3.88	4.92	1.38	.95	.77	.88	.47
IN.	.35	.61	.99	2.21	1.81	4.47	5.49	1.59	1.05	.89	1.02	.53
CAL YR 1963: TOTAL	21,260	MEAN	58.2	MAX	580	MIN	23	CFSM	.71	IN	9.57	
WAT YR 1964: TOTAL	46,666	MEAN	128	MAX	5,760	MIN	23	CFSM	1.54	IN	21.01	

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	63	43	83	112	112	484	191	51	33	34	140	52
2	51	40	92	12	118	724	131	50	33	33	55	100
3	48	39	60	94	107	360	112	49	42	38	200	34
4	232	38	280	123	96	240	102	48	32	246	34	250
5	653	37	199	92	93	199	92	46	32	86	35	200
6	194	37	104	82	320	173	87	44	34	45	39	100
7	81	79	42	157	484	157	80	43	46	69	40	70
8	62	42	72	78	235	147	76	43	74	110	46	50
9	52	40	68	166	184	142	70	42	53	112	62	45
10	47	38	80	331	187	136	68	43	42	151	53	42
11	44	37	2,540	196	199	158	67	42	48	92	42	111
12	43	38	1,200	123	428	158	67	42	63	97	36	153
13	42	38	354	101	328	170	65	40	48	60	40	85
14	41	38	218	94	192	147	60	40	40	100	41	56
15	40	39	161	88	146	132	58	39	41	57	35	48
16	40	39	136	81	345	124	58	39	50	42	33	45
17	39	39	126	75	1,920	132	56	39	44	37	108	42
18	37	39	271	71	1,030	182	54	39	39	34	161	40
19	35	63	248	71	371	137	56	39	34	32	200	38
20	33	174	162	71	262	124	55	39	32	31	1,000	42
21	32	105	136	72	237	116	54	39	31	29	800	41
22	34	63	134	181	204	108	51	47	31	29	600	39
23	35	49	124	1,840	178	110	53	57	30	32	500	38
24	34	103	113	862	304	119	69	51	30	34	200	38
25	34	250	113	304	386	113	70	46	47	41	100	38
26	33	124	102	222	216	107	64	40	65	41	70	36
27	48	76	89	178	169	118	86	39	42	83	60	36
28	79	399	82	148	157	195	88	46	41	62	55	39
29	75	354	79	136	-----	148	63	45	47	75	60	40
30	56	127	137	128	-----	272	56	40	39	97	70	46
31	48	161	118	118	-----	302	-----	35	-----	52	60	-----
TOTAL	2,385	2,590	7,791	6,439	9,010	5,934	2,299	1,342	1,256	2,085	4,813	2,160
MEAN	76.9	86.3	251	208	322	191	75.3	43.3	41.9	67.3	155	72.0
MAX	653	399	2,540	1,840	1,920	724	191	57	74	246	1,000	250
MIN	32	37	68	71	93	50	30	30	29	33	36	26
CFSM	.93	1.05	3.04	2.51	3.90	2.32	.91	.52	.51	.81	1.88	.87
IN.	1.07	1.17	3.51	2.90	4.06	2.67	1.02	.60	.57	.94	2.17	.97
CAL YR 1964: TOTAL	25,111	MEAN	131	MAX	5,760	MIN	26	CFSM	1.82	IN	24.81	
WAT YR 1965: TOTAL	48,064	MEAN	132	MAX	2,540	MIN	29	CFSM	1.59	IN	21.84	

2-4895 Pearl River near Bogalusa, La

Location --Lat 30°47'35", long 89°49'15", on line between sec 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

Records available --October 1938 to September 1965

Gage --Water-stage recorder with Telemark attachment Datum of gage is 55 00 ft above mean sea level, datum of 1929 (levels by Corps of Engineers) Prior to July 29, 1954, wire-weight gage at same site and datum

Average discharge --27 years, 8,873 cfs

Extremes --Maximum and minimum discharges for water years 1961-65 are contained in the following table

Water year	Maximum			Minimum		
	Date	Discharge (cfs)	Gage height (feet)	Date	Discharge (cfs)	Gage height (feet)
1961	Feb 23, 1961	88,200	21 70	Nov 17, 18, 1960	1,580	a 6 08
1962	Dec 29, 1961	70,800	20 98	Sept 29, 30, 1962	1,700	b 6 38
1963	Jan 24, 1963	20,200	17 95	Sept 27, 28, 1963	1,180	c 5 09
1964	May 3, 1964	39,400	19 58	Oct 29 to Nov 1, 1963	1,020	c 4 84
1965	Feb 19, 1965	39,400	19 58	July 25, 1965	1,520	6.13

a Occurred Oct 30, 1960

b Occurred Sept 30, 1962

c Occurred Oct 30, 31, 1963

1938-65 Maximum discharge, 88,200 cfs Feb 23, 1961 (gage height, 21 70 ft), minimum, 1,020 cfs Oct 29, to Nov 1, 1963, minimum gage height, 4 84 ft Oct 30, 31, 1963
Flood of Apr 11, 1938, reached a stage of 21 0 ft

Remarks --Records good Records of chemical analyses and water temperatures for the water years 1963-65 are published in reports of the Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,940	5,950	2,060	4,090	6,910	45,600	53,300	5,910	3,010	15,000	7,890	3,410
2	1,820	3,570	2,060	5,400	6,300	43,900	55,600	5,470	2,880	11,600	6,420	3,940
3	1,760	2,570	2,000	6,300	5,730	41,400	59,000	5,370	2,820	9,740	5,790	4,090
4	1,760	2,310	2,000	6,060	5,730	39,400	59,000	5,280	2,750	9,040	5,570	4,090
5	1,700	2,060	1,940	5,290	5,840	38,400	57,800	5,190	2,690	8,370	5,910	3,610
6	1,760	1,880	1,940	5,090	5,730	37,500	54,400	5,010	2,690	7,430	5,470	3,470
7	1,880	1,760	1,880	4,990	5,290	38,400	50,000	4,850	2,630	6,160	6,980	3,350
8	2,120	1,700	2,000	6,460	5,090	43,500	45,600	4,690	2,630	6,030	6,290	3,080
9	2,310	1,700	1,820	11,200	4,790	50,000	42,400	5,370	2,630	6,030	5,370	3,270
10	2,310	1,700	1,820	12,800	4,510	50,000	38,400	6,700	2,560	5,910	4,690	3,410
11	2,120	1,700	1,880	10,600	4,250	46,700	36,600	5,570	2,630	6,980	4,230	3,210
12	2,000	1,700	2,060	7,970	4,090	44,600	35,700	5,680	2,820	6,840	4,230	3,210
13	2,060	1,700	2,250	6,300	3,860	42,400	34,800	5,280	3,140	6,160	4,160	3,270
14	2,430	1,700	2,440	6,420	3,710	39,400	34,800	4,610	3,350	6,700	3,880	7,110
15	2,700	1,700	2,700	8,990	3,640	36,600	33,200	4,530	3,470	9,560	3,680	11,000
16	2,630	1,640	2,830	10,600	3,500	36,000	32,400	5,100	3,540	11,800	4,460	7,580
17	2,440	1,640	2,960	8,990	3,920	32,400	30,900	4,690	3,540	13,300	5,280	4,460
18	2,310	1,640	2,890	6,780	18,500	35,700	30,200	4,160	3,610	13,300	4,930	3,610
19	2,120	1,760	2,830	5,290	31,600	36,600	28,800	3,950	4,380	12,800	4,300	3,210
20	2,000	1,820	2,700	4,510	31,600	35,700	27,000	4,090	5,680	11,800	3,880	2,940
21	1,940	1,820	2,630	4,170	35,700	34,800	24,000	4,230	7,730	11,600	3,680	2,750
22	1,880	1,740	2,740	3,940	44,000	34,800	20,200	4,300	8,370	11,200	3,680	2,690
23	1,820	1,740	2,740	3,780	85,700	34,800	16,800	3,950	9,740	11,000	3,470	2,630
24	1,820	1,760	2,700	3,710	78,200	34,000	13,900	3,610	10,600	11,200	3,210	2,560
25	1,820	1,880	2,570	4,560	59,000	33,200	11,400	3,470	10,500	11,600	3,210	2,440
26	1,760	1,940	2,500	8,020	53,300	31,600	9,920	3,740	9,560	11,800	3,350	2,440
27	1,760	2,180	2,500	12,500	50,000	30,900	9,210	4,020	12,200	12,500	3,140	2,370
28	1,700	2,310	2,570	14,500	46,700	30,900	8,700	3,680	16,000	13,300	3,080	2,310
29	1,700	2,180	2,570	12,300	-----	33,200	7,580	3,350	18,400	12,800	3,080	2,250
30	1,760	2,060	2,570	9,620	-----	36,400	6,560	3,210	17,800	11,400	3,080	2,180
31	3,490	-----	2,890	7,970	-----	46,700	-----	3,140	-----	9,740	3,350	-----
TOTAL	63,820	61,850	74,080	229,200	639,190	1,195,1M	968,170	142,200	184,350	312,690	139,940	109,540
MEAN	2,059	2,062	2,390	7,394	22,830	38,550	32,270	4,587	6,145	10,090	4,514	3,651
MAX	3,490	5,950	2,960	14,500	85,700	50,000	59,000	6,700	18,400	15,000	7,890	11,000
MIN	1,700	1,640	1,820	3,710	3,500	30,900	6,560	3,140	2,560	5,910	3,080	2,180
CFSM	31	31	34	112	344	581	607	49	93	152	68	95
IN-	.36	.35	.42	1.29	3.59	6.70	5.43	.80	1.03	1.75	.78	.61

CAL YR 1960: TOTAL 2,844,050 MEAN 7,771 MAX 34,000 MIN 1,580 CFSM 1.17 IN 15.95
WAT YR 1961: TOTAL 4,120,130 MEAN 11,290 MAX 85,700 MIN 1,640 CFSM 1.70 IN 23.11

N Expressed in thousands

2-4895 Pearl River near Bogalusa, La --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,120	1,820	10,300	63,600	34,800	16,000	11,600	47,800	5,370	3,950	2,690	2,060
2	2,180	1,820	9,740	61,300	34,800	16,800	16,400	42,400	7,280	3,610	2,690	1,940
3	2,310	2,300	9,210	55,600	34,000	17,300	20,200	37,500	7,430	3,410	3,210	1,880
4	2,560	2,700	8,700	51,100	34,000	16,800	23,200	31,600	5,910	3,210	3,540	1,880
5	2,940	2,600	8,210	47,800	32,400	16,800	24,400	24,900	5,370	3,080	3,680	1,940
6	2,630	2,560	7,430	46,700	31,600	16,400	27,000	18,400	4,850	3,010	4,160	1,940
7	2,370	2,500	6,560	47,800	31,600	16,800	29,500	13,900	4,930	3,010	4,020	2,120
8	2,440	2,500	5,910	47,800	29,500	17,300	25,900	12,300	5,280	2,940	3,540	2,310
9	2,750	2,370	5,790	46,700	28,800	17,800	22,400	11,400	5,790	2,820	3,010	2,370
10	2,690	2,180	14,500	43,500	28,200	17,800	20,200	10,500	5,190	2,750	2,690	2,500
11	2,440	2,060	20,200	40,400	27,600	17,800	18,400	9,560	5,100	2,750	2,440	2,310
12	2,250	2,000	26,400	36,600	27,000	17,800	17,800	8,530	5,280	2,750	2,310	2,060
13	2,180	2,620	30,900	33,200	25,900	17,300	19,000	7,730	5,100	2,940	2,250	2,000
14	2,120	34,400	30,900	29,500	24,000	16,800	19,600	6,840	5,010	2,880	2,500	1,940
15	2,060	33,200	32,400	26,400	20,900	16,800	20,200	6,160	4,930	2,820	2,370	1,940
16	2,000	30,900	34,800	24,400	16,000	16,400	20,900	5,680	4,380	2,630	2,370	2,000
17	1,940	29,500	40,400	25,400	12,100	15,600	21,600	5,280	3,950	2,500	2,310	2,180
18	1,940	28,200	44,600	27,000	10,100	14,500	22,400	5,010	3,880	2,560	2,440	2,250
19	1,880	24,900	55,100	29,500	9,210	13,300	23,200	4,770	4,300	2,630	2,560	2,180
20	1,940	19,600	51,600	31,600	8,370	13,000	23,200	4,460	4,090	2,690	2,440	2,060
21	1,940	14,500	53,300	34,000	7,890	12,800	23,200	4,230	3,680	2,630	2,180	1,940
22	1,940	11,400	51,100	36,600	8,050	12,500	23,200	4,090	3,470	2,500	2,120	1,820
23	1,880	11,800	51,100	38,400	9,560	12,300	24,000	3,950	3,270	2,370	2,060	1,820
24	1,880	14,800	51,100	39,400	11,800	12,100	25,400	3,810	3,140	2,310	2,060	1,820
25	1,820	16,800	52,200	39,400	13,900	12,300	26,400	3,680	3,080	2,250	2,120	1,820
26	1,820	17,800	56,700	40,400	15,600	12,300	28,200	3,610	3,410	2,250	2,310	1,820
27	1,760	17,800	63,600	44,600	16,400	11,000	30,200	3,470	3,680	2,250	2,310	1,820
28	1,760	16,400	68,400	44,600	16,400	9,210	30,900	3,410	4,090	2,560	2,180	1,760
29	1,760	13,300	70,800	40,400	-----	7,890	39,400	3,350	4,160	2,690	2,180	1,700
30	1,820	11,400	66,000	37,600	-----	7,130	48,900	3,350	4,460	3,010	2,180	1,700
31	1,820	-----	66,000	35,700	-----	7,430	-----	4,160	-----	2,880	2,120	-----
TOTAL	65,940	376,730	1,106,444	1,246,911	600,480	446,060	726,900	355,830	139,860	86,640	80,790	59,880
MEAN	2,127	12,560	35,060	40,220	21,450	14,390	24,230	11,480	4,662	2,795	2,606	1,996
MAX	2,940	34,400	70,800	63,600	34,800	17,800	48,900	47,800	7,430	3,950	4,160	2,500
MIN	1,760	1,820	5,790	24,400	7,890	7,130	11,600	3,350	3,080	2,250	2,060	1,700
CFSM	.32	1.89	5.38	6.07	3.23	2.17	3.65	1.73	.70	.42	.39	.30
IN.	.37	2.11	6.21	6.99	3.37	2.17	4.08	2.00	.78	.49	.45	.34

CAL YR 1961: TOTAL 5,469,400 MEAN 14,980 MAX 85,700 MIN 1,760 CFSM 2.26 IN 30.68
 WAT YR 1962: TOTAL 5,292,360 MEAN 14,500 MAX 70,800 MIN 1,700 CFSM 2.19 IN 29.69

M Expressed in thousands

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,940	1,820	1,940	3,610	5,620	7,690	4,510	2,310	1,580	1,880	2,440	1,820
2	2,440	1,820	2,000	3,410	7,430	6,780	4,420	2,180	1,580	1,940	2,440	2,120
3	2,310	1,820	2,000	3,010	8,390	7,170	4,420	2,120	1,520	2,000	2,440	2,310
4	2,060	1,820	2,000	2,690	8,540	8,690	4,250	2,060	1,520	2,000	2,310	2,060
5	1,880	1,820	1,940	2,440	9,300	8,990	4,090	2,120	1,520	1,940	2,060	1,760
6	1,820	1,820	1,940	2,310	9,620	9,460	3,940	2,250	1,520	1,880	2,000	1,580
7	1,760	1,820	1,940	2,250	9,140	9,950	3,780	2,370	1,460	1,820	1,880	1,460
8	1,760	1,760	2,000	2,180	8,390	9,460	3,500	2,440	1,460	2,000	1,880	1,430
9	1,760	1,760	2,060	2,180	7,830	9,300	3,230	2,370	1,460	2,060	2,000	1,460
10	1,820	1,760	2,060	2,180	7,430	8,690	3,230	2,310	1,460	2,000	2,060	1,920
11	1,820	1,760	2,000	2,250	7,040	7,970	3,230	2,180	1,460	2,180	2,000	1,460
12	1,700	1,820	1,940	2,500	6,780	7,430	3,160	2,060	1,400	3,450	1,940	1,380
13	1,700	1,940	1,940	3,470	6,300	7,040	3,090	2,000	1,400	3,780	1,820	1,350
14	1,700	2,000	1,940	3,610	5,730	7,930	3,090	1,880	1,400	3,160	1,820	1,400
15	1,700	1,940	1,940	3,880	5,400	11,600	3,160	1,820	1,400	2,700	1,820	1,380
16	1,700	1,880	1,940	3,680	4,990	14,500	3,360	1,760	1,380	2,440	1,820	1,380
17	2,060	1,880	1,940	3,210	4,790	16,000	3,290	1,760	1,380	2,180	1,760	1,380
18	2,250	1,820	1,940	3,210	4,600	15,600	3,090	1,700	1,350	1,940	1,820	1,380
19	2,310	1,820	1,940	4,160	5,290	13,900	2,890	1,700	1,350	1,820	1,350	1,350
20	2,250	2,000	1,880	5,470	6,300	11,800	2,830	1,800	1,350	1,760	1,820	1,350
21	2,180	2,180	1,940	10,300	8,690	10,100	2,700	1,900	1,460	1,760	1,820	1,320
22	2,180	2,370	2,000	15,600	10,500	9,620	2,630	2,000	1,580	1,820	1,940	1,290
23	2,180	2,560	2,000	19,000	9,620	9,140	2,570	1,800	1,640	1,760	1,940	1,180
24	2,250	2,560	2,000	19,600	8,690	8,540	2,760	1,700	1,940	1,820	1,880	1,260
25	2,370	2,370	2,000	15,200	9,300	7,560	2,760	1,600	2,060	1,880	1,760	1,210
26	2,250	2,180	2,120	10,600	9,620	6,660	2,630	1,600	2,060	2,250	1,700	1,210
27	2,060	2,060	2,250	8,690	9,620	6,180	2,500	1,600	2,370	2,700	1,640	1,180
28	1,940	2,000	2,310	7,560	8,690	5,730	2,500	1,580	3,020	2,830	1,580	1,180
29	1,880	1,940	2,940	6,780	6,780	5,110	2,440	1,580	2,440	2,430	1,700	1,210
30	1,880	1,940	3,950	6,300	-----	5,190	2,370	1,580	2,000	2,440	1,700	1,260
31	1,820	-----	3,880	5,730	-----	4,790	-----	1,580	-----	2,440	1,700	-----
TOTAL	61,730	59,040	66,670	187,060	213,940	278,970	96,420	59,710	49,220	69,280	59,440	43,740
MEAN	1,991	1,968	2,151	6,034	7,061	8,999	3,116	1,958	1,607	2,203	1,917	1,413
MAX	2,440	2,560	3,950	19,600	10,500	16,000	4,510	2,440	3,020	3,780	2,440	2,310
MIN	1,700	1,760	1,880	2,180	4,600	4,790	2,370	1,580	1,350	1,760	1,580	1,180
CFSM	.30	.30	.32	.91	1.15	1.36	.48	.29	.25	.34	.29	.22
IN.	.35	.33	.37	1.05	1.20	1.56	.54	.33	.28	.39	.33	.25

CAL YR 1962: TOTAL 3,930,780 MEAN 10,770 MAX 63,600 MIN 1,700 CFSM 1.62 IN 22.05
 WAT YR 1963: TOTAL 1,245,490 MEAN 3,412 MAX 19,600 MIN 1,180 CFSM .51 IN 6.99

PEARL RIVER BASIN

2-4895 Pearl River near Bogalusa, La --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,260	1,020	1,460	2,440	8,390	8,540	27,600	34,800	3,290	2,960	3,230	4,010
2	1,260	1,040	1,590	2,370	8,540	10,500	27,000	38,400	3,640	3,500	3,160	3,570
3	1,210	1,070	1,820	2,310	8,540	19,600	25,400	38,400	3,780	3,430	3,230	3,230
4	1,210	1,070	1,820	2,370	8,250	26,400	23,200	37,500	3,430	4,010	3,090	2,960
5	1,180	1,100	1,700	2,500	7,690	27,000	19,000	36,600	3,090	4,690	2,830	2,830
6	1,180	1,120	1,520	2,700	6,910	26,400	13,900	34,800	2,890	4,600	2,570	2,700
7	1,150	1,150	1,430	3,020	5,730	26,400	13,900	39,200	2,700	4,090	2,630	2,570
8	1,150	1,150	1,380	3,860	4,600	29,900	19,000	30,900	2,570	3,570	2,630	2,440
9	1,120	1,180	1,350	4,250	3,940	25,400	22,400	28,800	2,440	3,160	2,760	2,180
10	1,120	1,180	1,290	5,090	3,430	24,000	24,000	27,600	2,500	2,890	3,020	2,060
11	1,120	1,180	1,260	8,110	3,090	23,200	25,900	27,000	2,630	3,610	2,890	2,000
12	1,120	1,150	1,320	8,540	2,830	21,600	28,200	27,000	2,440	7,560	2,700	1,880
13	1,120	1,120	1,580	7,170	2,700	21,600	28,800	27,000	2,310	7,970	2,570	1,820
14	1,150	1,100	2,760	6,420	2,630	22,400	28,200	26,400	2,250	6,180	2,500	1,760
15	1,120	1,100	3,570	6,540	2,630	26,400	27,600	24,900	2,180	5,950	3,000	1,700
16	1,120	1,100	3,640	6,180	2,760	31,600	25,900	21,600	2,120	6,300	3,710	1,640
17	1,120	1,100	3,640	5,840	3,020	34,000	25,400	14,600	2,120	6,300	3,230	1,640
18	1,100	1,100	3,160	6,540	3,940	33,200	25,900	9,870	2,440	6,300	2,830	1,920
19	1,100	1,100	2,700	8,690	6,300	33,200	26,400	7,560	2,500	6,300	2,760	1,880
20	1,100	1,120	2,370	8,990	7,970	34,800	27,000	6,420	2,180	5,950	2,310	1,880
21	1,070	1,150	2,370	7,830	7,830	35,700	26,400	5,840	2,120	5,190	3,360	2,180
22	1,040	1,210	2,700	6,660	6,060	36,600	25,400	5,400	2,060	4,690	3,710	2,120
23	1,040	1,320	2,830	6,060	4,790	36,600	24,900	4,790	2,000	4,250	3,360	1,820
24	1,040	1,700	2,830	5,620	4,330	35,700	24,000	4,250	2,000	4,090	3,160	1,760
25	1,040	1,760	2,890	5,290	5,290	34,800	24,000	3,860	2,000	4,420	3,640	1,640
26	1,040	1,640	2,960	6,180	7,690	33,200	25,900	3,640	2,250	4,990	4,330	1,580
27	1,040	1,580	2,830	8,540	9,460	31,600	30,900	3,360	2,500	4,330	4,990	1,520
28	1,040	1,460	2,630	9,780	10,500	30,200	34,000	2,760	2,000	3,780	5,190	1,520
29	1,020	1,460	2,500	9,300	9,780	28,800	34,800	2,960	2,890	3,430	5,190	1,640
30	1,020	1,460	2,500	8,690	-----	28,800	34,800	2,890	2,960	3,360	4,890	2,060
31	1,020	-----	2,500	8,390	-----	28,200	-----	2,960	-----	3,360	4,420	-----
TOTAL	34,400	36,990	70,950	186,270	169,620	862,340	769,800	576,160	77,040	145,210	103,890	64,410
MEAN	1,110	1,233	2,289	6,009	5,489	27,820	25,660	18,590	2,568	4,684	3,351	2,147
MAX	1,260	1,760	3,640	9,780	10,500	36,600	34,800	38,400	3,780	7,970	5,190	4,010
MIN	1,020	1,020	1,260	2,310	2,630	8,540	13,900	2,890	2,000	2,890	2,310	1,520
CFSM	.17	.19	.35	.91	.88	4.20	3.87	2.80	.39	.71	.51	.32
IN.	.19	.21	.40	1.04	.95	4.84	4.32	3.23	.43	.81	.58	.36

CAL YR 1963: TOTAL 1,200,390 MEAN 3,289 MAX 19,600 MIN 1,020 CFSM 1.50 IN 6.73
 WAT YR 1964: TOTAL 3,097,080 MEAN 8,462 MAX 38,400 MIN 1,020 CFSM 1.28 IN 17.37

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2,370	2,700	14,500	7,040	6,060	34,000	12,100	3,230	1,940	2,060	2,060	2,180
2	2,120	2,700	17,800	7,830	6,180	34,000	14,800	3,090	1,940	2,000	1,940	2,440
3	1,940	2,370	19,000	12,100	6,780	34,000	16,000	3,020	1,940	1,940	1,880	2,760
4	2,700	2,440	19,000	14,500	6,780	32,400	18,000	2,890	1,880	1,940	1,760	2,370
5	5,270	2,440	17,800	14,500	5,620	30,900	19,000	2,890	1,820	2,250	1,700	2,120
6	12,600	2,370	17,800	12,800	5,290	30,200	18,400	2,830	1,820	2,120	1,580	2,000
7	19,000	2,370	19,000	10,500	7,040	28,800	17,800	2,760	1,820	1,880	1,580	1,880
8	22,400	2,370	19,000	9,460	8,540	27,000	17,300	2,700	2,000	1,880	1,500	1,820
9	24,900	2,310	16,800	8,390	7,970	24,000	17,300	2,630	2,120	2,060	1,820	1,760
10	26,400	2,310	14,500	6,910	7,170	20,900	17,300	2,500	2,310	2,180	2,000	1,940
11	27,000	2,250	14,500	6,300	6,910	18,400	16,400	2,440	2,310	2,700	1,880	2,310
12	23,200	2,250	20,200	5,730	9,460	16,800	14,800	2,370	2,180	2,630	1,880	2,440
13	16,000	2,180	24,000	5,620	15,600	16,000	12,500	2,310	2,060	2,440	2,310	2,640
14	11,600	2,180	25,400	5,400	20,200	15,600	10,600	2,250	2,060	2,310	2,370	5,720
15	10,300	2,120	25,400	4,790	23,200	16,400	9,620	2,180	2,180	2,370	2,120	7,040
16	9,620	2,120	25,900	4,330	26,400	17,300	9,300	2,120	2,310	2,180	2,000	6,060
17	8,990	2,120	25,900	4,090	31,600	17,800	9,140	2,120	2,180	2,060	2,310	5,290
18	7,830	2,060	25,400	3,940	36,600	16,800	7,830	2,060	2,120	1,940	2,570	5,190
19	6,060	2,120	23,200	3,780	38,400	15,200	6,060	2,060	2,310	1,820	2,760	5,190
20	4,690	2,370	20,900	3,780	38,400	14,500	5,190	2,060	2,250	1,820	3,090	5,090
21	3,940	2,760	19,600	3,710	36,600	13,600	4,790	2,060	2,060	1,820	3,230	4,690
22	3,570	2,960	17,800	3,640	34,800	12,300	4,510	2,120	1,880	1,700	3,600	3,940
23	3,360	2,890	16,400	7,610	34,000	11,000	4,250	2,180	1,760	1,580	5,790	3,360
24	3,160	2,830	15,600	15,200	34,000	9,780	4,170	2,180	1,700	1,580	4,860	3,160
25	3,020	3,340	14,800	16,800	34,000	8,700	3,860	2,120	1,700	1,580	3,330	3,230
26	2,960	4,990	13,900	16,000	34,800	8,000	3,640	2,120	1,760	1,580	2,760	3,230
27	2,960	5,190	12,500	14,500	34,800	7,300	3,500	2,060	1,940	1,580	2,500	3,290
28	3,020	4,790	10,500	11,200	34,000	6,910	3,500	2,060	2,000	1,640	2,310	3,230
29	3,020	6,420	8,990	8,390	-----	7,170	3,640	2,120	2,250	2,060	2,310	3,020
30	2,890	9,700	8,110	6,910	-----	7,690	3,430	2,060	2,250	2,310	2,120	2,960
31	2,830	-----	7,690	6,540	-----	8,840	-----	2,000	-----	2,250	2,060	-----
TOTAL	279,720	92,220	552,490	262,290	591,200	562,290	309,130	73,660	60,850	62,260	76,060	102,350
MEAN	9,023	3,074	17,820	8,461	21,110	18,140	10,300	2,376	2,028	2,008	2,454	3,412
MAX	27,000	9,700	25,900	16,800	38,400	34,000	19,000	3,230	2,310	2,700	5,790	7,040
MIN	1,940	2,060	7,690	3,640	5,290	6,910	3,430	2,000	1,700	1,580	1,580	1,760
CFSM	1.36	.46	2.69	1.28	3.18	2.74	1.55	.36	.31	.30	.37	.51
IN.	1.57	.52	3.10	1.47	3.32	3.15	1.73	.41	.34	.35	.43	.57

CAL YR 1964: TOTAL 3,879,170 MEAN 10,400 MAX 38,400 MIN 1,520 CFSM 1.40 IN 21.76
 WAT YR 1965: TOTAL 3,024,520 MEAN 8,286 MAX 38,400 MIN 1,560 CFSM 1.25 IN 16.97

2-4900 Bogue Lusa Creek near Franklinton, La

Location --Lat 30°52'05", long 90°00'10", in NE1/4 sec 39 (revised), T 2 S, R 12 E, St Helena meridian, near right bank at downstream side of bridge on State Highway 10, three-quarters of a mile upstream from Witches Creek, and 9 miles east of Franklinton

Drainage area --12.1 sq mi

Records available --October 1948 to September 1965 Prior to October 1958 published as Bogue Lusa near Franklinton

Gage --Water-stage recorder Datum of gage is 210.56 ft (revised) above mean sea level (levels by U S Soil Conservation Service) Prior to Dec 2, 1948, staff gage at same site and datum

Average discharge --17 years, 18.7 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (350 cfs), water years 1961-65

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 18, 1961	0200	1,740	9.03	Dec 18, 1961	0400	630	7.20	Apr 27, 1964	0445	928	7.84
Feb 21, 1961	2345	* 7,400	11.90	Jan 27, 1962	0630	982	7.94	May 2, 1964	1115	455	6.70
Mar 8, 1961	1045	6,488	6.75	Apr 6, 1962	1500	1,300	8.44	Sept 30, 1964	0030	358	6.35
Mar 18, 1961	0220	1,200	8.31	June 18, 1962	2300	502	6.85				
Mar 28, 1961	2020	405	6.56								
Nov 13, 1961	2000	* 9,750	12.63	Dec 29, 1962	0930	* 210	5.67	Nov 28, 1964	1530	470	6.75
Dec 11, 1961	1130	955	7.89	Mar 2, 1964	1500	* 2,120	9.51	Jan 23, 1965	1500	410	6.53
								Feb 17, 1965	1730	* 502	6.84

Annual minimum discharge, water years 1961-65

Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Sept 6, 1961	4.2	a 1.36	1964	Oct 19-24, 1963	1.0	0.98
1962	July 21, 1962	3.4	b 1.32	1965	July 22, 1965	1.1	1.04
1963	June 16, 17, 1963	1.0	c 1.05				

a Occurred Sept 29, 30, 1961

b Occurred Aug 12, 1962

c Occurred Sept 26, 30, 1963

1948-65 Maximum discharge, 9,750 cfs Nov 13, 1961 (gage height, 12.63 ft), from rating curve extended above 3,000 cfs on basis of contracted-opening measurement of peak flow, minimum, 0.20 cfs June 4, 1952, caused by temporary dam upstream, minimum daily, 1.0 cfs Oct 19-22, 1963

Remarks --Records good except those for period of no gage-height record, which are fair

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	7.0	11	6.6	4.4	11	33	48	15	8.0	11	6.1	5.3
2	6.3	7.6	6.2	13	11	29	32	26	8.0	9.4	5.6	5.0
3	6.3	6.8	6.4	10	15	25	29	21	7.6	8.7	6.5	7.0
4	6.4	6.2	6.9	8.8	11	25	26	15	7.5	7.7	25	6.1
5	6.6	6.0	6.9	8.6	9.5	25	24	14	7.6	7.0	9.0	4.9
6	9.8	6.0	6.8	8.6	16	34	37	13	7.3	6.3	16	4.6
7	11	5.6	6.9	11	16	76	37	13	8.0	6.1	55	6.4
8	8.6	5.6	7.2	7.6	12	181	24	12	10	8.3	115	5.3
9	7.0	6.0	8.0	29	9.9	52	34	36	8.3	14	40	4.6
10	6.6	6.0	8.2	14	9.5	31	32	16	7.6	30	19	7.3
11	6.3	6.0	16	12	9.2	28	26	13	8.6	36	11	12
12	6.6	5.6	11	11	8.7	28	64	12	10	21	9.3	21
13	6.6	5.7	7.5	24	8.6	25	31	12	17	20	12	28
14	6.4	6.3	7.5	31	8.4	22	25	11	20	18	9.3	140
15	7.2	6.3	20	16	8.1	20	24	65	18	9.8	9.6	22
16	6.8	6.6	16	12	8.1	20	21	37	13	10	9.6	10
17	6.3	8.4	8.8	10	122	172	19	15	10	10	7.3	8.2
18	6.2	10	8.0	9.6	592	397	19	12	23	9.0	6.4	7.3
19	6.3	11	7.8	11	136	67	18	11	55	7.3	5.9	7.0
20	6.8	7.6	11	13	122	88	18	11	47	7.2	5.5	7.0
21	6.3	6.8	17	9.6	2,410	51	17	11	21	7.3	6.2	7.0
22	6.0	6.8	9.6	8.6	1,220	36	17	10	11	11	5.9	7.1
23	5.9	8.6	8.0	9.5	124	30	16	10	9.4	10	5.2	6.8
24	6.3	8.6	8.2	16	63	26	16	11	8.4	13	5.2	6.6
25	7.2	8.0	9.5	49	63	25	15	10	10	7.7	5.3	6.1
26	6.3	7.2	8.8	32	38	24	39	11	33	6.3	5.9	5.5
27	7.0	6.8	8.4	20	32	37	36	20	15	9.4	5.6	5.3
28	6.8	7.6	7.8	15	42	175	18	10	9.4	11	5.6	5.5
29	6.3	11	8.6	16	-----	102	15	9.4	7.9	22	8.0	5.3
30	15	8.4	24	13	-----	64	14	8.9	7.3	8.7	8.0	5.2
31	41	-----	41	11	-----	94	-----	8.4	-----	7.2	6.7	-----
TOTAL	255.2	220.1	334.6	572.3	5,136.0	2,042	791	499.7	433.9	370.4	450.7	379.4
MEAN	8.23	7.34	10.8	18.5	183	65.9	26.4	16.1	14.5	11.9	14.5	12.6
MAX	41	11	41	76	2,410	397	64	65	55	36	115	140
MIN	5.9	5.6	6.2	8.6	8.1	20	14	8.4	7.3	6.1	5.2	4.6
CFSM	.68	.61	.89	1.53	15.2	5.44	2.18	1.33	1.20	.99	1.20	1.05
IN.	.78	.68	1.03	1.76	15.8	6.28	2.43	1.54	1.33	1.14	1.39	1.17

CAL YR 1960: TOTAL 6,688.3 MEAN 18.3 MAX 263 MIN 3.9 CFSM 1.51 IN 20.56
 MAY YR 1961: TOTAL 11,485.3 MEAN 31.5 MAX 2,410 MIN 4.6 CFSM 2.60 IN 35.30

2-4900 Bogue Lusa Creek near Franklinton, La --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	5.9	7.7	15	38	32	28	44	15	47	15	11	4.8
2	13	7.6	15	24	30	44	19	14	18	9.6	13	4.6
3	11	33	15	23	29	23	16	13	15	8.2	24	4.6
4	7.2	34	15	23	28	21	16	12	14	7.0	13	4.5
5	5.6	13	15	143	29	19	17	12	13	6.3	8.0	7.7
6	5.7	11	15	112	30	17	411	11	20	5.8	6.2	15
7	6.3	9.6	16	49	25	17	132	11	22	5.6	5.6	9.9
8	74	8.3	14	42	26	18	41	11	36	5.2	5.1	8.3
9	18	7.6	28	32	26	18	28	10	12	5.1	4.7	7.1
10	10	7.9	265	36	24	18	25	10	10	4.6	4.5	11
11	8.9	8.4	429	26	22	18	23	10	9.1	4.6	4.3	7.6
12	7.7	10	339	25	22	18	59	9.9	8.8	5.2	4.3	6.7
13	7.2	2,040	228	26	22	16	44	9.6	8.3	17	4.4	5.9
14	7.2	628	149	31	22	19	22	9.2	8.6	12	7.8	5.8
15	6.2	78	198	71	22	44	20	9.2	9.9	6.4	6.6	6.9
16	6.1	106	161	37	22	18	18	9.2	7.8	5.4	6.2	66
17	6.2	46	244	30	21	16	15	9.6	10	4.6	5.7	11
18	6.2	28	330	30	21	15	18	14	93	4.4	9.0	7.4
19	6.1	23	79	146	21	14	18	10	151	4.4	4.7	6.1
20	5.8	19	46	60	19	16	16	11	22	3.8	4.6	5.3
21	5.7	17	37	38	21	17	16	10	13	3.5	4.7	5.1
22	5.8	24	34	34	25	16	15	8.6	10	3.9	3.7	5.0
23	5.9	125	30	30	21	18	15	8.2	9.2	5.4	5.2	4.8
24	6.2	34	27	28	23	16	14	8.2	9.2	6.4	5.1	4.6
25	6.3	22	26	27	20	46	15	7.7	8.8	4.2	7.0	4.5
26	6.1	19	25	92	20	23	21	7.0	8.6	4.0	16	4.5
27	5.7	18	32	473	19	16	15	7.0	8.4	7.2	8.6	4.4
28	6.2	17	32	94	18	15	133	6.6	12	12	6.7	4.0
29	10	16	24	49	-----	15	38	6.1	29	7.0	7.1	4.0
30	9.2	15	24	40	-----	16	18	9.6	17	4.6	6.3	4.4
31	8.3	-----	28	35	-----	51	-----	45	-----	5.1	5.4	-----
TOTAL	299.9	3,433.1	2,935	1,944	660	666	1,305	344.7	660.7	203.5	226.5	251.5
MEAN	9.67	114	94.7	62.7	23.6	21.5	43.5	11.1	22.0	6.56	7.31	8.38
MAX	74	2,040	429	473	32	51	411	45	151	17	24	66
MIN	5.7	7.6	14	23	18	14	6.1	7.8	3.5	4.3	4.0	4.0
CFSM	.80	9.46	7.82	5.18	1.95	1.78	3.60	.92	1.82	.54	.60	.69
IN-	.92	10.6	9.02	5.97	2.03	2.05	4.01	1.06	2.03	.63	.70	.77

CAL YR 1961: TOTAL 17,343.4 MEAN 47.5 MAX 2,410 MIN 4.6 CFSM 3.23 IN 33.21
 MAY YR 1962: TOTAL 12,929.9 MEAN 35.4 MAX 2,040 MIN 3.9 CFSM 3.23 IN 33.21

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	56	4.8	6.5	9.7	12	10	5.1	2.4	1.6	5.4	3.0	2.4
2	29	4.9	6.5	8.9	12	9.8	5.0	2.3	1.5	3.7	3.0	2.4
3	8.8	5.2	6.2	23	9.2	9.0	5.0	2.1	1.3	3.0	2.6	2.4
4	6.4	5.6	6.2	8.0	13	9.2	4.7	2.4	1.1	3.5	2.3	2.4
5	5.4	5.1	6.2	8.0	11	23	4.5	2.2	1.1	2.7	2.1	2.4
6	5.1	5.2	6.2	8.8	10	64	9.5	2.2	1.1	2.8	2.2	2.3
7	4.8	5.2	6.2	10.2	18	9.9	9.2	2.2	1.2	2.6	2.2	2.1
8	5.8	5.2	6.4	7.4	9.7	11	6.3	2.2	1.4	2.1	2.4	2.0
9	7.8	5.8	7.0	7.2	9.5	13	5.3	2.1	1.4	2.6	6.1	2.0
10	6.4	5.8	6.2	7.2	9.4	14	5.3	2.1	1.3	2.8	4.1	2.0
11	5.5	5.4	6.4	13	11	11	4.5	2.2	1.2	2.4	2.8	2.2
12	5.1	5.2	6.6	20	18	11	3.9	2.1	1.1	2.1	2.3	2.2
13	4.9	5.2	6.2	11	12	11	3.4	2.0	1.4	6.7	2.0	2.0
14	4.9	4.8	6.2	8.4	10	9.4	3.2	2.0	1.3	4.1	2.4	2.1
15	4.9	4.8	7.2	8.0	9.5	8.8	3.0	1.8	1.3	2.6	2.5	2.2
16	4.9	4.8	8.3	7.7	9.0	8.5	3.0	1.8	1.1	2.2	2.0	2.6
17	5.1	4.9	7.8	8.4	8.9	8.5	3.0	1.6	1.7	2.2	2.0	3.7
18	4.9	5.5	7.2	40	14	7.9	3.0	3.2	2.0	2.4	1.9	3.4
19	4.4	5.6	7.0	23	43	7.5	3.0	3.6	1.5	3.8	5.0	2.6
20	4.4	21	7.0	42	14	12	3.2	5.5	1.6	3.2	9.4	2.3
21	14	26	8.2	34	11	9.4	3.3	4.7	3.3	2.5	8.3	2.0
22	14	12	20	18	9.2	6.6	3.2	3.0	3.0	3.6	13	2.0
23	6.8	7.8	12	15	9.0	6.3	3.0	2.8	1.8	23	4.9	1.8
24	5.2	6.8	9.7	13	34	6.1	2.9	2.3	5.2	7.6	3.6	1.7
25	4.9	6.4	14	11	22	6.1	2.8	2.1	7.9	4.6	4.3	1.7
26	4.7	6.1	9.8	12	13	6.7	2.9	2.0	3.3	4.4	3.8	1.8
27	4.8	6.1	8.3	16	11	6.3	2.7	2.0	1.8	4.6	2.9	1.9
28	4.7	6.2	14	12	10	5.9	2.7	2.0	1.3	4.4	4.7	2.0
29	4.9	6.2	129	11	-----	5.6	2.4	2.0	3.4	3.4	3.5	2.0
30	5.8	6.5	24	14	-----	5.5	2.6	1.8	1.7	2.9	2.9	1.7
31	5.5	-----	12	13	-----	5.3	-----	1.7	-----	3.2	2.6	-----
TOTAL	259.6	210.1	394.7	432.1	388.2	346.4	122.3	74.5	75.4	127.1	116.8	66.3
MEAN	8.37	7.00	12.7	13.9	13.9	11.2	4.08	2.40	2.51	4.10	3.77	2.21
MAX	56	26	129	42	43	64	9.9	5.5	17	23	13	3.7
MIN	4.4	4.8	6.2	7.2	8.9	5.3	2.4	1.6	1.1	2.1	1.9	1.7
CFSM	.69	.58	1.05	1.15	1.13	.92	.34	.20	.21	.34	.31	.18
IN-	.80	.65	1.21	1.33	1.19	1.06	.38	.23	.23	.39	.36	.20

CAL YR 1962: TOTAL 7,126.3 MEAN 19.5 MAX 473 MIN 3.5 CFSM 1.61 IN 21.90
 MAY YR 1963: TOTAL 2,613.5 MEAN 7.16 MAX 129 MIN 1.1 CFSM .59 IN 8.08

2-4900 Bogue Lusa Creek near Franklinton, La --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1.7	1.5	2.6	3.6	9.2	40	8.0	18	11	5.5	3.4	2.0
2	1.6	1.6	2.9	4.4	6.4	653	8.0	208	6.4	5.4	3.0	2.1
3	1.6	1.6	5.5	6.1	5.4	168	8.3	42	4.6	12.4	2.8	2.0
4	1.5	1.6	3.6	7.2	4.7	48	8.3	17	3.8	12	2.7	2.0
5	1.5	1.9	2.4	9.5	6.1	28	8.4	12	3.3	6.2	2.6	2.0
6	1.5	2.0	2.0	20	7.0	18	15	9.2	2.9	4.2	2.8	2.6
7	1.4	1.8	1.9	26	5.5	14	40	8.2	2.8	3.3	2.8	2.5
8	1.4	1.8	2.4	10	4.8	13	13	7.2	2.7	2.8	3.4	2.3
9	1.3	2.6	2.2	12	4.4	12	8.8	6.4	2.6	2.8	4.0	2.0
10	1.3	2.5	1.9	9.2	4.1	12	7.0	5.9	2.6	3.0	3.0	1.9
11	1.2	2.0	2.0	7.1	3.6	10	6.2	5.4	2.7	2.7	3.7	1.7
12	1.2	1.8	2.8	9.2	3.5	9.4	6.2	12	2.3	2.7	3.4	1.5
13	1.2	1.7	13	7.8	3.8	8.8	11	41	2.1	4.2	6.8	1.4
14	1.2	1.7	21	5.9	4.6	60	13	11	2.0	3.7	13	1.4
15	1.4	1.8	12	5.2	5.4	171	8.3	6.8	1.9	6.8	13	1.4
16	1.3	1.9	6.8	6.5	5.9	46	6.4	5.8	1.8	25	7.4	1.4
17	1.2	1.9	4.9	11	7.2	21	5.6	4.8	1.8	19	7.8	2.8
18	1.1	1.9	4.2	8.4	5.4	15	4.1	4.4	1.7	7.4	5.2	6.2
19	1.0	1.9	3.7	7.0	18	73	7.7	4.1	1.6	4.9	4.7	4.8
20	1.0	2.1	3.6	8.3	9.4	102	5.8	3.7	1.6	4.3	3.6	3.0
21	1.0	2.6	7.4	7.0	7.4	26	4.8	3.5	1.6	4.1	3.4	2.3
22	1.0	2.6	9.0	12	6.8	17	4.4	3.3	1.9	3.4	3.0	2.0
23	1.1	6.1	9.8	14	5.9	15	4.1	3.3	4.7	3.6	3.4	1.8
24	1.1	4.4	6.5	10	6.2	13	4.0	12	3.2	4.9	3.0	1.6
25	1.2	3.3	4.9	12	3.4	21	6.1	11	3.3	4.2	4.2	1.5
26	1.2	2.6	4.3	8.3	18	17	87	6.2	18	4.2	21	1.4
27	1.2	2.5	4.1	6.8	16	12	344	6.8	14	5.1	9.2	1.5
28	1.3	5.4	3.8	6.5	15	11	41	4.6	6.2	5.9	4.8	1.6
29	1.1	7.2	3.5	5.5	10	9.8	17	4.4	5.8	7.0	3.3	2.4
30	1.2	4.0	3.3	5.1	-----	8.6	11	4.2	6.5	6.1	2.6	112
31	1.3	-----	3.3	9.5	-----	8.3	-----	13	-----	4.7	2.2	-----
TOTAL	39.3	78.3	161.3	281.1	292.3	1,680.9	724.5	505.2	127.4	191.1	159.2	196.7
MEAN	1.27	2.51	5.20	9.07	11.1	54.2	24.2	16.5	4.23	6.16	5.14	6.96
MAX	1.7	7.2	21	26	54	653	344	208	18	25	21	112
MIN	1.0	1.5	1.9	3.6	3.5	8.3	4.0	3.3	1.6	2.7	2.2	1.4
CFSM	-10	-22	-43	-75	-83	4.48	2.00	1.35	-35	-51	-42	-54
IN.	-12	-24	-50	-86	-90	5.17	2.23	1.55	-39	-59	-49	-60

CAL YR 1963: TOTAL 2,028.0

MEAN 5.56

MAX 64

MIN 1.0

CFSM -.46

IN 6.23

WAT YR 1964: TOTAL 4,437.3

MEAN 12.1

MAX 653

MIN 1.0

CFSM 1.00

IN 13.64

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	11	3.8	13	8.8	11	43	20	4.2	2.3	3.4	3.3	2.3
2	6.8	3.7	11	9.6	11	64	12	3.8	2.3	3.0	2.5	2.3
3	11	3.6	16	26	9.6	31	11	3.8	2.1	2.1	2.3	2.5
4	175	3.5	87	15	9.2	22	10	3.8	2.0	1.9	2.3	2.4
5	118	3.4	36	9.7	9.2	19	9.8	3.6	1.9	1.6	2.3	2.3
6	19	3.3	17	8.6	40	17	9.5	3.6	2.3	1.4	2.9	2.3
7	10	4.0	12	8.0	42	16	9.1	3.4	3.6	2.8	3.4	1.9
8	7.8	4.4	11	7.7	18	15	8.8	3.4	5.9	6.2	4.6	1.6
9	6.5	3.8	9.7	15	15	14	8.6	3.3	4.3	6.4	9.6	1.5
10	5.5	3.6	9.2	35	15	16	8.4	3.1	3.3	5.7	4.0	2.4
11	4.8	3.5	199	14	15	15	8.2	3.0	3.5	5.1	3.2	23
12	4.6	3.4	130	9.7	35	14	7.7	2.9	4.8	9.6	3.2	6.3
13	4.3	3.4	41	8.9	24	14	7.6	2.8	4.0	5.8	4.7	4.2
14	4.4	3.6	24	8.8	15	13	7.0	2.7	2.8	5.7	4.4	3.6
15	4.2	5.4	16	8.2	13	12	6.6	2.6	6.2	3.2	3.4	3.3
16	4.1	5.1	14	7.6	32	12	6.6	2.6	12	2.4	2.9	3.0
17	3.8	4.3	13	7.1	425	13	5.9	2.6	6.4	2.0	3.6	3.0
18	3.5	4.0	27	7.1	162	16	5.6	2.6	3.9	1.8	3.8	4.2
19	3.4	6.9	22	7.1	50	12	6.1	2.4	3.0	1.6	6.0	6.1
20	3.2	27	14	7.1	31	14	6.8	2.4	2.4	1.4	22	6.7
21	3.0	11	13	7.2	25	13	6.2	2.9	2.2	1.4	8.0	8.4
22	3.0	6.5	13	15	21	12	5.6	5.9	2.0	1.4	5.8	5.4
23	3.0	12.4	12	299	19	11	5.7	7.0	2.0	1.4	4.3	7.0
24	2.9	29	11	112	26	11	5.9	5.0	2.0	1.4	3.1	18
25	2.8	65	11	36	34	11	5.6	3.9	2.4	1.6	2.7	6.8
26	2.9	15	9.9	25	19	10	5.4	3.3	2.7	2.5	2.7	4.8
27	3.5	14	8.8	17	16	12	5.1	3.1	2.6	2.0	2.4	4.2
28	11	267	8.2	14	16	26	5.1	3.0	3.7	2.0	2.2	4.5
29	11	79	8.4	13	-----	20	4.6	3.5	2.8	4.7	2.5	4.6
30	6.1	22	11	13	-----	15	4.2	3.1	2.3	6.6	2.7	8.6
31	4.6	-----	9.9	11	-----	38	-----	3.0	-----	3.9	2.3	-----
TOTAL	464.7	617.6	838.1	788.2	1,158.0	571	228.7	106.5	105.7	102.0	129.1	186.8
MEAN	15.0	20.6	27.0	25.4	31.4	18.4	7.62	3.44	3.52	3.29	4.16	6.23
MAX	175	267	199	299	425	64	20	7.0	12	9.6	22	24
MIN	2.8	3.3	8.2	7.1	9.2	10	4.2	2.4	1.9	1.4	2.2	1.5
CFSM	1.24	1.70	2.23	2.10	3.42	1.52	.63	.28	.29	.27	.34	.51
IN.	1.43	1.90	2.58	2.42	3.56	1.75	.70	.33	.32	.31	.40	.57

CAL YR 1964: TOTAL 6,078.8

MEAN 16.6

MAX 653

MIN 1.4

CFSM 1.37

IN 18.68

WAT YR 1965: TOTAL 5,296.4

MEAN 14.5

MAX 425

MIN 1.4

CFSM 1.20

IN 16.28

Note --No gage-height record Mar 9 to Apr 8

2-4901 05 Bogue Lusa Creek at State Highway 439, at Bogalusa, La --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	127	32	110	67	93	259	120	42	27	29	36	32
2	55	31	78	84	90	404	87	38	25	44	29	55
3	53	29	73	167	84	270	75	36	24	38	24	44
4	281	29	204	120	78	176	73	36	24	29	22	32
5	417	29	233	87	73	143	67	36	24	24	21	31
6	228	29	131	75	163	127	64	34	27	24	22	24
7	93	31	90	67	310	113	64	34	27	25	24	24
8	62	31	75	64	181	106	60	34	44	50	29	24
9	50	31	67	64	127	99	57	31	44	57	38	45
10	44	29	64	113	110	103	57	29	42	53	38	80
11	40	29	264	124	106	117	55	29	32	42	27	90
12	38	29	310	84	172	113	55	29	31	42	24	70
13	36	29	368	70	181	113	53	29	31	44	32	50
14	36	31	185	67	124	106	53	29	32	36	38	40
15	32	32	124	64	99	93	50	29	42	38	32	30
16	31	34	103	60	166	87	50	29	96	42	25	25
17	32	34	90	57	940	90	48	27	70	32	67	25
18	31	32	167	57	1,030	99	46	27	42	27	67	30
19	29	36	190	57	992	90	46	27	32	24	44	35
20	29	67	124	57	218	84	55	27	27	22	90	45
21	27	78	106	57	204	81	53	29	24	21	96	50
22	27	53	99	84	163	78	50	40	24	20	55	40
23	27	42	93	1,010	139	75	48	50	24	20	42	60
24	27	53	87	924	143	78	50	48	24	20	44	80
25	27	213	87	429	195	78	50	40	24	21	34	90
26	27	151	81	249	143	75	48	32	34	21	31	70
27	29	81	73	172	117	75	46	31	34	22	29	40
28	36	275	67	135	110	113	44	29	34	24	32	35
29	42	417	64	117	-----	110	44	29	32	29	67	45
30	46	233	67	110	-----	96	42	29	27	117	44	50
31	38	-----	78	103	-----	127	-----	27	-----	60	32	-----
TOTAL	2,097	2,250	3,952	4,995	6,151	3,778	1,710	1,016	1,024	1,097	1,235	1,391
MEAN	67.6	75.0	127	161	220	122	57.0	32.8	34.1	35.4	39.8	46.4
MAX	417	417	368	1,010	1,030	404	120	50	96	117	96	90
MIN	27	29	64	57	73	75	42	27	24	20	21	24
CFSM	.93	1.03	1.75	2.22	3.02	1.68	.78	.45	.47	.49	.55	.64
IN.	1.07	1.15	2.02	2.56	3.15	1.93	.87	.52	.52	.56	.63	.71
CAL YR 1964:	TOTAL 35,098			MEAN 95.9		MAX 1,640	MIN 19	CFSM 1.32		IN 17.95		
WAT YR 1965:	TOTAL 30,696			MEAN 84.1		MAX 1,030	MIN 20	CFSM 1.16		IN 15.70		

PEARL RIVER BASIN

2-4905 Bogue Chitto near Tylertown, Miss

Location --Lat 31°11', long 90°17', in SE $\frac{1}{4}$ sec 34, T 3 N , R 9 E , Washington meridian, near right bank on downstream side of bridge on U S Highway 98, a quarter of a mile upstream from Fernwood, Columbia and Gulf Railroad bridge, a quarter of a mile upstream from Bars Branch, 2 $\frac{1}{2}$ miles downstream from Topisaw Creek, and 9 miles northwest of Tylertown

Drainage area --502 sq mi

Records available --August 1944 to September 1965

<u>Gage</u> --Digital water-stage recorder supplementary adjustment of 1941 site and datum	Datum of gage is 227 40 ft above mean sea level, datum of 1929, Prior to July 9, 1964, graphic water-stage recorder at present
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Average discharge --21 years, 801 cfs

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height, in feet)

Annual maximum discharge (*) and peak discharges above base (6,000 cfs), water years 1961-65															
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Jan 9, 1961	0900	7,190	16 14	Dec 18, 1961	0100	* 15,500	20 71	Mar 3, 1964	1200	10,000	18 48				
Jan 12, 1961	2200	8,520	25 50	Jan 28, 1962	1000	11,400	19 44	Apr 27, 1964	1600	* 15,700	22 03				
Jan 12, 1961	2200	8,520	25 50	Feb 2, 1962	0100	11,400	19 44								
Mar 18, 1961	1400	12,300	20 21	Apr 28, 1962	1100	15,400	20 54	Oct 5, 1964	2400	* 27,700	b28 94				
Mar 29, 1961	2200	* 21,200	a25 40					Mar 2, 1965	2000	6,020	15 02				
Nov 13, 1961	2400	6,560	15 54	Jan 20, 1963	-	* 5,960	14 96								

a Occurred Mar 30, 1961

b Occurred Oct 6, 1964

b Occurred Oct 6, 1964		Annual minimum discharge, water years 1961-65							
Water year		Date	Discharge	Gage height	Water year		Date	Discharge	Gage height
1961	Nov 8, 1960		a 228	b 6 94	1964	Oct 31, 1963		175	6 87
1962	Sept 30, 1962		a 239	7 25	1965	Oct 1, 2, 1964		204	6 93
1963	Sept 25, 1963		a 189	6 95					

a Minimum unregulated
b Occurred Oct 22, 1960

b Occurred Oct 22, 1960

1944-65 Maximum discharge, 45,700 cfs Jan 7, 1950 (gage height, 33.50 ft), minimum, 175 cfs
Oct 31, 1963 (gage height, 6.87 ft)

Flood in February 1936 reached a stage 1 2 ft higher than the flood of Jan 7, 1950, at the railroad bridge a quarter of a mile downstream

Remarks --Records good

Revisions (water years) --WSP 1504 1945(P), 1946(M), 1947-51, 1953

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961														
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.		
1	268	381	259	1,310	726	1,350	15,100	412	325	521	484	338		
2	265	306	259	1,460	676	1,110	7,400	416	319	680	404	363		
3	262	256	259	1,310	890	931	4,000	408	316	1,320	404	356		
4	262	244	259	676	980	784	1,670	416	313	738	404	346		
5	265	239	259	521	778	687	1,170	404	309	665	424	327		
6	307	236	259	530	652	692	1,020	393	309	560	393	322		
7	351	233	262	691	652	1,320	990	385	306	458	363	316		
8	380	230	271	4,520	701	1,760	902	389	306	449	332	313		
9	318	230	277	6,700	652	1,760	1,660	938	309	488	306	306		
10	283	244	290	5,700	573	1,290	3,060	872	329	458	342	309		
11	270	236	411	3,960	509	784	2,300	585	393	697	319	316		
12	265	271	509	1,730	476	627	1,800	475	412	1,760	303	332		
13	265	256	500	1,940	445	595	1,230	433	370	1,860	572	485		
14	265	381	517	4,018	418	1,052	1,560	368	316	1,690	1,180	306		
15	265	244	374	4,510	400	458	872	535	366	1,480	755	467		
16	262	247	381	3,780	381	433	755	498	385	1,350	550	408		
17	260	259	472	2,570	496	4,590	682	433	424	932	378	352		
18	270	271	618	1,220	3,250	11,800	622	400	493	627	323	329		
19	302	354	920	4,320	9,650	585	378	704	660	340	306	306		
20	258	283	346	806	3,700	6,620	550	370	813	643	288	303		
21	255	274	353	701	6,420	3,740	531	370	931	611	282	300		
22	252	265	405	652	14,000	1,820	507	370	902	500	273	273		
23	252	286	448	608	10,900	1,170	460	370	616	460	273	294		
24	255	370	381	652	6,900	931	480	363	458	1,020	267	291		
25	255	364	350	2,200	7,220	755	471	360	428	784	267	285		
26	258	306	332	3,870	5,070	654	462	408	1,620	813	265	279		
27	268	322	315	3,700	3,440	1,460	462	378	2,970	931	265	282		
28	260	277	315	2,960	2,350	5,500	449	342	1,900	744	254	297		
29	258	277	322	1,890	-----	16,300	437	335	1,020	560	357	291		
30	361	265	388	1,100	-----	14,600	420	332	660	467	338	276		
31	530	-----	603	833	-----	15,200	-----	329	-----	521	378	-----		
TOTAL	8,808	8,185	11,019	69,487	77,555	109,833	52,130	13,488	19,366	25,618	12,076	10,088		
MEAN	284	273	355	2,242	2,770	3,543	1,738	435	646	826	390	336		
MAX	330	381	603	6,700	14,000	16,300	15,100	938	2,970	1,860	1,180	601		
MIN	252	230	259	521	381	433	420	329	306	449	256	276		
CFSN	.57	.54	.71	4.47	5.52	7.06	3.46	.87	1.29	1.65	.78	.67		
IN.	.65	.61	.82	5.15	5.75	8.14	3.86	1.00	1.43	1.90	.89	.75		
CAL YR 1960: TOTAL 199,498 WAT YR 1961: TOTAL 417,653														
MEAN				545	MAX				3,040	MIN				230
MEAN				1,144	MAX				16,300	MIN				230
CFSN				2.28	CFSN				2.28	IN				14.78
IN				30.94	IN				30.94	IN				30.94

2-4905 Bogue Chitto near Tylertown, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	282	276	412	684	1,000	571	1,660	1,360	3,930	472	338	299
2	374	276	396	722	860	557	2,620	890	4,190	439	362	290
3	884	313	388	669	786	547	2,830	715	2,400	421	414	288
4	643	363	384	605	724	557	1,130	622	1,330	397	669	282
5	424	416	377	4,180	694	538	744	555	912	391	559	307
6	338	433	378	9,940	654	497	1,590	516	1,450	375	414	338
7	316	381	394	5,560	615	480	2,400	480	2,040	365	362	321
8	306	332	396	4,200	600	466	2,130	453	1,880	365	335	310
9	303	303	526	2,540	595	454	1,680	437	1,660	350	321	300
10	294	300	3,020	1,300	581	449	919	424	1,330	356	312	350
11	285	300	3,970	1,010	557	454	744	397	1,170	359	310	400
12	276	303	3,470	855	552	445	1,040	381	1,260	432	304	350
13	273	2,210	6,720	757	547	437	1,840	366	1,420	397	301	300
14	273	5,950	7,440	730	529	433	1,810	363	1,600	362	304	280
15	267	4,030	6,810	1,930	506	552	1,350	360	906	338	326	270
16	267	2,630	8,940	3,310	552	615	796	356	674	332	401	300
17	267	1,800	9,150	2,470	557	581	643	349	588	321	388	300
18	267	1,130	11,200	2,370	543	502	580	360	534	326	329	280
19	267	766	8,760	5,080	524	466	540	342	502	329	318	270
20	267	620	6,160	6,770	502	449	502	342	494	321	307	260
21	267	529	3,230	5,940	506	441	475	335	464	315	312	260
22	265	502	1,400	3,640	610	428	449	329	446	318	353	250
23	265	649	1,000	1,640	735	420	449	316	428	310	335	250
24	265	986	849	1,220	818	412	565	309	428	307	312	250
25	267	1,270	748	1,070	689	404	449	306	425	301	321	249
26	265	958	679	986	644	392	441	303	414	304	321	249
27	262	600	659	2,910	595	384	491	303	397	315	318	252
28	265	506	728	3,550	605	380	10,400	300	442	332	318	252
29	267	462	702	3,490	-----	380	6,600	294	472	350	312	249
30	267	428	628	3,070	-----	380	2,830	493	506	362	307	247
31	273	-----	603	1,350	-----	641	-----	1,960	-----	359	301	-----
TOTAL MEAN	9,801	30,022	90,517	84,548	17,680	14,712	50,697	15,316	34,692	11,021	10,884	8,603
MAX	316	1,001	2,920	2,727	631	475	1,690	494	1,156	356	351	287
MIN	884	5,950	11,200	9,940	1,000	641	10,400	1,960	4,190	472	669	400
CFSM	262	276	377	605	502	502	441	309	301	301	301	247
IN.	.63	1.99	5.82	5.43	1.26	.95	3.37	.98	2.30	.71	.70	.57
IN.	.73	2.22	6.71	6.26	1.31	1.09	3.76	1.13	2.57	.62	.61	.64

CAL YR 1961: TOTAL 519,981

MEAN 1,425

MAX 16,300

MIN 256

CFSM 2.84

IN 38.52

WAT YR 1962: TOTAL 378,493

MEAN 1,037

MAX 11,200

MIN 247

CFSM 2.07

IN 28.04

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	277	267	280	502	703	637	335	268	236	355	304	401
2	301	267	277	428	722	946	333	263	233	282	263	302
3	288	267	272	391	906	1,230	330	263	233	344	240	242
4	280	267	272	378	1,280	840	322	263	233	326	218	234
5	264	267	282	368	1,060	684	317	263	231	275	214	236
6	267	267	274	365	772	693	322	261	229	307	210	204
7	267	267	288	362	660	747	322	261	227	254	216	222
8	277	267	296	362	576	637	328	261	233	231	216	210
9	290	264	285	428	530	559	328	261	227	233	222	198
10	293	262	285	498	498	502	320	256	227	236	238	194
11	301	267	282	538	472	479	312	254	225	229	238	193
12	274	324	274	538	468	464	317	252	222	247	220	198
13	267	321	272	750	475	487	325	252	220	282	204	196
14	262	301	274	450	472	856	312	249	218	268	204	204
15	262	285	280	404	454	782	304	247	218	252	202	208
16	262	272	285	446	429	788	294	245	214	229	200	210
17	365	272	285	550	412	788	290	242	225	214	200	214
18	285	277	285	1,430	429	588	287	242	236	229	200	210
19	262	296	285	2,730	831	506	287	252	249	412	200	210
20	257	332	285	5,100	1,380	468	287	294	252	381	200	206
21	288	391	288	3,890	1,400	450	287	294	275	312	200	200
22	310	472	296	2,300	862	443	285	297	341	252	204	198
23	304	381	288	1,700	646	403	280	292	294	231	200	194
24	285	318	293	1,300	829	384	282	280	292	245	206	193
25	267	299	321	951	1,390	372	280	282	285	256	220	191
26	262	290	356	777	1,370	369	285	263	273	254	218	191
27	262	288	353	679	889	366	285	254	247	280	204	193
28	262	285	350	624	708	366	282	247	245	256	202	202
29	262	282	628	580	-----	355	282	247	242	242	252	210
30	272	280	767	559	-----	344	280	245	247	256	280	200
31	270	-----	727	567	-----	338	-----	240	-----	249	292	-----
TOTAL MEAN	8,645	8,895	10,285	30,945	21,623	17,871	9,100	8,090	7,329	8,419	6,887	6,444
MAX	257	297	332	998	772	576	303	261	244	272	222	215
MIN	365	472	767	5,100	1,400	1,230	335	297	341	412	304	401
CFSM	.56	.59	.66	1.99	1.54	1.15	.60	.52	.49	.54	.44	.43
IN.	.64	.66	.76	2.29	1.60	1.32	.67	.60	.54	.62	.51	.48

CAL YR 1962: TOTAL 275,978

MEAN 756

MAX 10,400

MIN 191

CFSM 1.31

IN 20.45

WAT YR 1963: TOTAL 164,353

MEAN 396

MAX 5,100

MIN 191

CFSM 1.79

IN 16.71

PEARL RIVER BASIN

2-4905 Bogue Chitto near Tylertown, Miss --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	196	187	275	263	409	606	378	1,060	856	338	530	222
2	196	189	256	261	396	4,700	363	906	737	333	341	220
3	196	184	247	258	369	9,080	355	856	468	571	280	218
4	194	187	242	261	352	7,240	346	732	358	703	254	216
5	193	194	242	263	366	5,700	358	606	312	969	240	214
6	191	196	233	302	615	2,640	1,010	510	290	1,120	256	220
7	189	189	225	399	588	1,250	1,800	460	277	665	322	238
8	187	185	220	636	460	963	1,410	426	265	363	406	227
9	185	189	218	1,560	381	819	1,510	396	261	322	518	218
10	185	194	218	1,980	344	732	1,630	372	258	555	387	212
11	184	191	231	1,560	320	742	1,020	363	256	1,210	287	208
12	182	187	297	934	310	693	628	366	252	1,300	263	200
13	182	185	536	772	312	593	708	406	247	674	247	198
14	182	182	835	722	330	698	1,620	378	245	542	312	196
15	182	182	747	546	341	2,790	1,420	355	236	637	538	196
16	180	184	684	468	372	3,040	912	328	233	406	409	196
17	180	191	446	1,070	429	3,630	628	312	229	325	297	210
18	180	193	366	1,970	1,400	2,970	514	304	229	292	530	238
19	180	194	307	1,630	1,870	1,330	487	294	227	270	444	222
20	180	212	292	934	1,700	1,690	436	287	225	256	333	222
21	180	229	317	651	1,280	1,510	396	287	220	245	292	216
22	180	246	363	538	684	1,040	363	280	220	238	245	208
23	180	366	429	468	542	747	338	277	229	252	320	204
24	180	307	446	460	472	633	338	282	265	320	498	202
25	180	275	432	1,630	722	580	660	285	328	358	352	198
26	180	261	360	1,800	1,180	571	2,310	294	310	338	290	196
27	180	220	322	934	1,170	593	12,300	273	330	287	247	210
28	180	225	304	640	814	606	11,900	270	330	258	249	204
29	178	249	287	530	651	502	6,720	282	310	320	238	212
30	178	263	273	443	-----	436	2,680	294	384	693	233	208
31	177	-----	265	422	-----	399	-----	615	-----	684	227	-----
TOTAL	5,697	6,436	10,895	25,345	19,179	59,523	55,338	13,156	9,387	15,844	10,439	6,331
MEAN	184	220	351	818	1,170	1,950	1,351	424	313	511	337	211
MAX	196	366	835	1,980	1,870	9,080	12,300	1,060	856	1,300	538	238
MIN	177	182	218	258	310	399	338	270	220	238	227	194
CFSM	.37	.43	.70	1.63	1.32	3.82	3.69	.85	.62	1.02	.67	.42
IN.	.42	.48	.81	1.88	1.42	4.41	4.11	.97	.70	1.17	.77	.47

CAL YR 1963: TOTAL 139,756 MEAN 383 MAX 5,100 MIN 177 CFSM .76 IN 10.35
WAT YR 1964: TOTAL 237,772 MEAN 650 MAX 12,300 MIN 177 CFSM 1.29 IN 17.62

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	206	260	1,060	394	367	2,170	1,720	289	261	242	252	250
2	204	258	647	384	355	5,340	1,260	289	252	254	240	250
3	218	257	542	376	343	4,930	810	286	250	250	233	270
4	2,700	254	1,710	368	334	4,050	670	284	248	244	227	260
5	20,200	251	2,610	361	327	2,600	589	282	246	235	223	255
6	18,400	249	1,980	354	381	1,240	530	279	261	233	233	255
7	5,920	251	1,520	350	570	954	494	277	289	235	277	250
8	2,410	249	791	346	606	815	462	274	640	233	436	245
9	956	250	630	345	522	735	440	274	770	412	419	244
10	668	249	546	354	524	690	422	270	422	408	498	300
11	541	249	2,100	350	979	665	405	268	317	328	478	500
12	470	250	3,860	347	2,420	650	391	265	286	339	319	800
13	424	249	2,990	343	2,800	966	377	263	272	317	344	1,000
14	392	250	2,700	335	2,330	1,440	365	261	261	309	356	954
15	367	251	1,660	332	2,170	1,090	356	284	254	279	306	466
16	348	251	876	325	1,030	770	344	277	261	330	272	342
17	335	249	703	317	3,330	690	336	274	259	304	254	299
18	322	249	1,040	313	4,570	1,000	330	265	259	261	296	274
19	312	270	1,620	310	3,060	1,470	328	261	250	248	490	263
20	300	356	1,520	311	2,520	1,040	330	257	246	246	502	270
21	290	495	1,020	309	1,330	715	319	259	242	237	474	268
22	286	382	805	334	960	611	314	270	240	233	317	254
23	281	309	712	916	820	562	312	274	237	231	344	309
24	276	373	647	1,610	800	530	306	272	240	244	470	494
25	272	752	599	1,240	1,370	518	301	268	289	261	350	544
26	272	877	555	789	1,420	494	306	265	250	248	310	368
27	269	605	506	589	984	486	325	272	254	244	290	301
28	269	1,260	465	485	775	486	306	271	254	240	270	274
29	269	1,700	435	425	-----	482	301	282	248	274	260	261
30	266	1,560	408	401	-----	820	294	274	246	330	255	259
31	262	-----	400	381	-----	1,570	-----	274	-----	268	255	-----
TOTAL	58,705	13,465	37,657	14,394	37,997	40,579	14,043	8,480	8,824	8,517	10,250	11,979
MEAN	1,894	449	1,215	464	1,357	1,309	468	274	284	271	311	369
MAX	20,200	1,700	3,860	1,610	4,570	5,340	1,720	291	770	412	502	1,000
MIN	204	249	400	309	327	482	294	257	237	231	223	244
CFSM	3.77	.89	2.42	.92	2.70	2.61	.93	.54	.59	.55	.66	.74
IN.	4.35	1.00	2.79	1.07	2.81	3.01	1.04	.63	.65	.63	.76	.82

CAL YR 1964: TOTAL 324,571 MEAN 887 MAX 20,200 MIN 194 CFSM 1.77 IN 24.05
WAT YR 1965: TOTAL 263,990 MEAN 723 MAX 20,200 MIN 204 CFSM 1.44 IN 19.56

737

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

Records available --October 1937 to September 1965

Page --Water-stage recorder Datum of gage is 44 25 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers) Prior to Oct 22, 1938, staff gage. Oct 22, 1938, to Nov 30, 1945, chain gage, and Dec 1, 1945, to July 21, 1954, wire-weight gage. All gages at present site and datum

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

Annual maximum discharge (*) and peak discharges above base (8,000 cfs), water years 1961-65											
Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Feb 23, 1961	0230	* 57,000	17 04	Jan 27, 1962	2200	8,400	10 42	Apr 30, 1964	1700	12,200	11 26
Mar 07, 1961	0730	50,500	12 32	Apr 30, 1962	1130	11,400	11 12	Oct 8, 1964	0500	* 20,600	12 56
Apr 1, 1961	0800	17,200	12 08	Apr 30, 1962	0900	26,200	13 35	Dec 14, 1964	0100	9,000	10 55
Nov 15, 1961	0100	* 31,500	14 10	Jan 24, 1963	2000	* 4,850	9 30	Feb 19, 1965	1400	11,600	11 14
Dec 19, 1961	1730	29,400	15 85								
Jan 8, 1962	0900	17,800	12 16	Mar 4, 1964	1830	* 17,200	12 10				
Jan 21, 1962	-	8,800	10 50	Mar 17, 1964	0800	10,000	10 01				

Annual minimum discharge, water years 1961-65							
Water year	Date	Discharge	Gage height	Water year	Date	Discharge	Gage height
1961	Oct 24, 1960	600	2 64	1964	Several days	440	a 2 39
1962	Sept 30, 1962	698	3 03	1965	Oct 2, 1964	562	b 2 63
1963	Sept 12, 1963	475	2 52				

a Occurred Oct 31, 1963
b Occurred July 25, 1965

1937-65 Maximum discharge, 57,000 cfs Feb 23, 1961 (gage height, 17 04 ft), minimum,
424 cfs Oct 26-28, 1955, minimum gage height, 0 7 ft Oct 1, 1937, Oct 29-31, 1940, Oct 22-27,
1941

Remarks --Records good except those for periods of no gage-height record, which are poor. Records of chemical analyses for the water year 1965 are published in reports of the Geological Survey.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1960 TO SEPTEMBER 1961												
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	700	1,280	690	1,500	2,480	7,200	21,300	1,260	920	1,920	1,260	1,060
2	690	1,080	690	1,900	2,060	5,550	18,500	1,300	920	1,590	1,180	1,060
3	660	870	690	2,060	1,820	4,070	19,200	1,350	920	1,350	1,100	990
4	645	765	675	1,940	1,880	3,370	12,900	1,300	885	1,700	1,140	1,060
5	630	720	675	1,530	1,940	2,900	7,800	1,220	885	1,700	1,700	1,020
6	660	690	675	1,160	1,880	2,740	4,850	1,180	885	1,540	1,440	955
7	720	675	675	1,040	1,760	3,270	3,820	1,140	850	1,350	1,440	885
8	735	660	675	1,580	1,760	4,650	3,370	1,140	850	1,300	1,800	885
9	750	660	675	3,200	1,700	5,850	3,080	1,300	885	1,490	1,540	920
10	720	660	705	4,630	1,580	6,850	2,990	1,490	850	1,700	1,220	920
11	675	660	735	6,090	1,430	4,850	3,820	1,700	885	2,210	1,100	1,140
12	660	660	818	6,500	1,330	3,480	4,650	1,440	920	2,740	1,060	1,700
13	660	660	870	5,400	1,280	2,740	4,750	1,260	990	2,990	1,220	1,660
14	645	675	905	4,080	1,200	2,400	3,940	1,140	1,020	2,900	1,220	3,340
15	645	675	905	4,670	1,160	2,090	2,900	1,140	1,300	2,670	1,640	4,850
16	645	675	905	5,840	1,120	1,920	2,440	1,700	1,220	2,460	1,800	3,660
17	630	660	905	6,090	1,280	2,340	2,150	1,800	1,220	2,400	1,750	2,040
18	615	690	850	5,120	970	5,260	1,970	1,350	1,140	2,270	1,400	1,400
19	615	720	870	3,780	15,600	12,500	1,600	1,180	1,330	1,750	1,140	1,180
20	630	720	852	2,480	14,700	18,500	1,700	1,100	2,270	1,440	1,020	1,060
21	645	705	870	2,000	14,900	15,800	1,640	1,100	2,600	1,440	955	1,020
22	630	905	1,700	905	36,000	11,600	1,600	1,400	2,400	1,800	920	955
23	615	720	852	1,480	49,600	7,800	1,490	1,020	1,920	1,440	920	955
24	615	750	820	1,430	34,500	5,050	1,490	1,020	1,590	1,350	920	920
25	615	750	800	1,820	24,000	3,590	1,440	1,060	1,590	1,490	885	920
26	615	765	780	2,970	15,800	2,820	1,440	1,060	1,640	1,800	885	885
27	615	765	780	1,080	12,600	1,590	1,440	1,060	2,100	1,800	920	885
28	615	720	770	5,120	9,600	2,990	1,590	1,060	3,170	2,030	885	885
29	630	720	770	5,300	-----	5,330	1,400	990	3,590	2,210	885	885
30	645	705	770	4,540	-----	12,300	1,300	955	2,740	1,800	1,140	850
31	905	-----	850	3,360	-----	16,500	-----	955	-----	1,440	1,320	-----
TOTAL	20,475	22,145	24,389	104,390	262,480	188,840	142,870	37,990	44,485	57,710	37,850	40,280
MAX	660	1,338	787	3,367	9,381	6,092	4,662	1,225	1,483	1,862	1,821	1,366
MIN	615	660	675	1,040	1,120	1,920	1,300	955	850	1,300	885	850
CFSM	.55	.61	.65	2.78	7.75	5.03	3.94	1.01	1.23	1.54	1.01	1.13
IN.	.63	.68	.75	3.21	8.07	5.60	4.39	1.17	1.37	1.77	1.16	1.26
CAL YR 1960: TOTAL 505,642												
MAX YR 1961: TOTAL 984,794												
MEAN 1,382												
MAX 8,000												
MIN 615												
CFSM 1.14												
IN 15.54												
IN 30.27												

2-4920 Bogue Chitto near Bush, La --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1961 TO SEPTEMBER 1962

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	850	770	1,590	2,820	3,940	1,590	1,750	16,500	2,960	1,370	1,050	855
2	850	770	1,490	2,820	2,990	2,090	2,210	8,000	4,220	1,370	1,050	802
3	1,300	850	1,400	2,670	2,670	2,340	2,530	4,090	4,650	1,250	1,050	785
4	1,750	1,180	1,350	2,530	2,460	2,030	2,990	2,820	4,500	1,170	1,170	768
5	1,490	1,220	1,300	2,670	2,340	1,800	2,900	2,320	3,610	1,090	1,210	768
6	1,180	1,060	1,300	5,850	2,270	1,640	2,270	2,030	2,620	1,050	1,250	785
7	1,020	990	1,260	15,500	2,270	1,490	5,360	1,880	2,750	1,050	1,090	890
8	1,020	920	1,220	17,200	2,090	1,400	10,300	1,680	3,840	990	970	910
9	1,100	885	1,260	11,400	1,970	1,300	6,000	1,580	4,220	970	890	930
10	1,020	832	8,510	8,000	1,920	1,300	4,200	1,490	3,840	950	838	950
11	920	815	11,000	5,000	1,860	1,300	3,080	1,410	3,120	950	802	890
12	885	815	10,700	3,800	1,750	1,350	2,460	1,370	2,560	970	785	872
13	850	1,290	11,600	3,000	1,750	1,350	2,670	1,330	2,380	990	785	890
14	832	16,000	11,900	2,700	1,700	1,300	3,080	1,290	2,380	1,050	768	870
15	800	26,500	11,600	3,400	1,640	1,300	3,080	1,290	2,500	990	802	840
16	785	15,900	12,600	4,500	1,640	1,700	2,820	1,250	2,440	930	950	810
17	785	11,600	19,900	3,500	1,700	1,800	2,210	1,210	1,930	910	910	820
18	785	8,800	19,200	3,300	1,750	1,600	1,800	1,290	1,680	910	950	850
19	770	5,700	27,000	6,000	2,030	1,400	1,640	1,290	1,980	890	872	920
20	770	3,700	24,800	8,000	1,750	1,300	1,540	1,210	2,680	872	820	900
21	770	2,670	15,800	8,500	1,590	1,260	1,440	1,170	2,080	855	802	830
22	770	2,210	10,700	7,000	1,540	1,260	1,400	1,130	1,630	855	802	780
23	755	2,530	7,020	5,000	1,840	1,220	1,350	1,130	1,450	838	802	780
24	755	3,940	4,500	3,700	1,640	1,220	1,300	1,090	1,370	838	855	780
25	755	4,350	3,590	3,270	1,800	1,350	1,300	1,050	1,370	855	930	760
26	755	3,590	3,080	4,750	1,800	1,490	1,350	1,050	1,410	872	990	760
27	755	2,990	2,900	7,800	1,700	1,350	1,730	1,450	1,700	970	1,170	730
28	755	2,340	2,990	8,000	1,590	1,220	1,640	1,010	1,290	890	970	710
29	755	1,970	2,990	6,850	-----	1,140	5,900	1,010	1,330	930	872	710
30	770	1,750	2,900	6,000	-----	1,140	24,100	1,010	1,410	1,330	855	700
31	770	-----	2,820	5,300	-----	1,220	-----	1,370	-----	1,250	838	-----
TOTAL	26,127	128,937	240,270	180,833	55,690	45,250	108,020	67,400	75,450	31,090	28,098	24,465
MEAN	907	4,298	7,751	5,833	1,989	1,460	3,354	2,294	2,522	932	822	822
MAX	1,750	26,500	27,000	17,200	3,940	2,340	24,100	16,500	4,650	1,370	1,250	950
MIN	755	770	1,220	2,530	1,540	1,140	1,300	1,010	1,290	838	768	700
CFSM	.75	3.55	6.41	4.82	1.64	1.21	2.92	1.80	2.08	.83	.77	.68
IN.	.86	3.96	7.38	5.56	1.71	1.39	3.26	2.07	2.33	.96	.89	.76

CAL YR 1961: TOTAL 1,315,119 MEAN 3,603 MAX 49,600 MIN 755 CFSM 2.98 IN 40.42
 MAY YR 1962: TOTAL 1,012,827 MEAN 2,775 MAX 27,000 MIN 700 CFSM 2.29 IN 31.13

Note --No gage-height record Jan 10-23, 14-30

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1962 TO SEPTEMBER 1963

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	810	780	740	1,600	1,380	1,780	825	615	528	845	668	632
2	1,200	780	740	1,300	1,380	1,530	825	598	528	745	805	615
3	1,800	760	740	1,100	1,530	1,530	805	598	528	725	705	650
4	1,600	760	740	1,000	1,730	1,780	805	598	528	685	615	598
5	1,300	760	740	920	1,880	1,830	785	598	528	745	562	545
6	1,100	760	730	900	1,980	2,030	805	598	510	668	545	545
7	1,000	750	750	880	1,730	2,230	825	580	510	615	528	528
8	950	740	750	860	1,480	1,930	825	580	510	615	545	510
9	920	780	768	860	1,330	1,630	785	580	510	615	562	510
10	920	750	768	860	1,190	1,480	785	580	510	668	615	492
11	900	720	768	930	1,240	1,380	765	580	492	632	562	492
12	900	760	768	1,210	1,330	1,280	765	562	510	580	545	492
13	900	850	750	1,730	1,380	1,240	745	562	510	580	528	578
14	880	820	750	1,490	1,280	1,190	725	562	510	598	510	528
15	880	785	750	1,410	1,190	1,280	725	545	510	615	510	562
16	860	768	768	1,210	1,120	1,530	705	545	510	598	510	580
17	880	760	785	1,090	1,060	1,430	685	545	510	580	492	668
18	900	760	802	1,130	1,080	1,530	685	545	545	562	492	685
19	900	800	785	1,620	1,060	1,380	705	598	580	580	492	632
20	880	860	800	1,980	2,080	1,240	668	650	580	668	510	580
21	900	960	800	2,560	2,130	1,240	668	725	615	705	510	545
22	960	940	840	3,300	2,230	1,140	668	725	632	668	685	528
23	1,100	820	860	3,840	1,980	1,060	668	680	650	650	668	510
24	1,000	800	900	4,650	1,930	1,010	650	632	668	685	562	510
25	920	780	920	4,220	2,550	965	650	615	632	632	545	492
26	880	780	920	2,670	2,550	945	632	580	745	632	528	492
27	760	900	960	2,130	2,550	925	632	580	615	615	545	492
28	840	760	900	1,780	2,180	905	632	562	598	632	528	510
29	820	760	1,600	1,530	-----	885	615	545	562	615	528	492
30	800	750	2,100	1,430	-----	865	632	545	722	580	545	510
31	800	-----	1,900	1,430	-----	845	-----	545	-----	598	580	-----
TOTAL	30,360	23,613	27,832	53,620	47,130	42,015	21,872	18,341	16,930	19,931	17,525	16,453
MEAN	980	762	898	1,747	1,520	1,355	709	592	563	643	565	548
MAX	1,800	960	2,100	4,650	2,550	2,230	825	725	745	845	805	685
MIN	800	720	730	860	1,060	845	615	545	492	562	492	492
CFSM	.81	.65	.74	1.43	1.39	1.12	.60	.49	.47	.53	.47	.45
IN.	.93	.73	.86	1.65	1.45	1.29	.67	.56	.52	.61	.54	.51

CAL YR 1962: TOTAL 697,298 MEAN 1,910 MAX 24,100 MIN 700 CFSM 1.58 IN 21.43
 MAY YR 1963: TOTAL 335,431 MEAN 919 MAX 4,650 MIN 492 CFSM .76 IN 10.31

Note --No gage-height record Oct 1 to Nov 14

2-4920 Bogue Chitto near Bush, La --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	492	440	598	685	1,380	2,080	1,500	10,100	1,130	890	1,130	598
2	492	458	615	685	1,380	2,920	1,420	9,940	1,250	950	990	580
3	492	458	632	685	1,240	6,510	1,370	4,650	1,290	1,370	870	562
4	475	475	632	705	1,140	15,500	1,290	3,870	1,090	1,830	750	562
5	475	475	615	785	1,080	14,900	1,290	2,700	950	1,600	690	580
6	475	492	580	945	1,060	11,900	1,250	2,100	890	1,460	670	562
7	475	492	580	1,530	1,140	8,650	1,980	1,830	810	1,460	690	562
8	475	475	580	1,630	1,240	5,500	4,600	1,580	770	1,170	830	562
9	475	492	562	1,430	1,140	5,510	4,790	1,550	730	930	870	562
10	458	528	562	1,880	1,030	2,610	3,290	1,420	710	830	870	545
11	458	528	545	2,380	945	2,160	2,790	1,370	710	850	870	528
12	458	510	580	2,670	905	1,930	2,450	1,330	690	1,290	810	510
13	458	492	745	2,430	865	1,830	2,300	1,350	670	1,500	690	510
14	458	475	1,080	1,980	865	1,780	2,100	1,830	670	1,330	690	510
15	458	475	1,430	1,680	865	3,220	1,900	1,550	650	1,050	865	510
16	458	475	1,530	1,480	905	7,090	1,700	1,330	632	1,050	1,250	492
17	458	475	1,330	1,430	945	9,600	1,600	1,210	1,010	1,090	545	545
18	458	475	1,120	1,780	1,560	7,200	1,500	1,090	615	870	930	632
19	440	492	925	2,430	2,940	6,300	1,500	970	598	770	890	615
20	440	492	825	2,730	3,430	6,080	1,500	930	598	710	970	562
21	440	528	785	2,550	3,170	6,300	1,400	890	580	670	810	545
22	440	632	925	2,550	2,730	3,380	1,300	870	580	632	750	528
23	440	632	925	1,780	2,080	4,120	1,210	850	650	710	790	510
24	440	745	945	1,630	1,580	2,880	1,130	850	730	790	790	510
25	440	745	945	1,580	1,800	2,450	1,130	890	810	810	890	510
26	440	668	905	1,680	2,550	2,370	2,610	870	810	870	910	510
27	458	615	805	2,730	2,140	2,140	8,800	890	790	870	830	510
28	458	615	805	2,330	2,800	1,930	10,000	790	890	1,130	710	562
29	458	615	745	1,780	2,490	1,830	11,200	770	910	1,130	650	790
30	440	615	725	1,430	-----	1,680	12,200	790	850	1,010	632	632
31	440	-----	705	1,280	-----	1,550	-----	870	-----	1,050	615	-----
TOTAL MEAN	14,222	16,084	25,261	52,450	47,985	153,920	93,100	58,270	23,628	32,592	25,792	16,696
MAX	492	745	1,530	2,730	3,430	15,500	12,200	10,100	1,290	1,830	1,250	790
MIN	440	440	545	685	865	1,550	1,130	770	580	632	615	492
CFSM	3.38	4.44	6.67	1.40	1.37	4.10	2.56	1.55	1.65	1.87	1.66	1.46
IN.	4.44	4.49	7.78	1.61	1.47	4.73	2.86	1.79	1.73	1.00	1.79	1.51

CAL YR 1963: TOTAL 309,193

MEAN 847

MAX 4,650

MIN 440

CFSM 1.70

IN 9.50

WAT YR 1964: TOTAL 560,000

MEAN 1,530

MAX 15,500

MIN 440

CFSM 1.26

IN 17.21

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	580	750	3,400	1,210	1,290	2,300	1,880	805	660	675	735	875
2	598	730	2,790	1,170	1,210	3,630	2,250	752	660	735	788	1,020
3	890	730	2,100	1,170	1,170	5,540	2,160	645	720	752	752	945
4	1,780	710	2,700	1,290	1,130	7,020	1,730	752	630	705	645	805
5	3,990	710	3,290	1,210	1,090	6,850	1,500	752	630	660	615	788
6	6,170	690	4,250	1,130	1,210	5,880	1,370	735	630	645	630	752
7	13,800	710	4,250	1,090	1,830	4,250	1,250	720	645	645	690	705
8	17,900	710	3,400	1,050	2,160	2,790	1,210	870	705	720	720	675
9	8,630	710	2,370	1,010	1,880	2,160	1,130	720	858	675	770	660
10	4,380	690	1,830	1,130	1,640	1,930	1,050	705	1,020	690	822	1,140
11	2,450	690	2,030	1,250	1,550	1,830	1,050	705	980	910	805	1,880
12	1,880	670	4,360	1,170	1,880	1,730	1,020	705	805	875	840	1,600
13	1,640	670	7,480	1,090	3,180	1,680	980	690	735	822	788	1,330
14	1,450	670	8,400	1,050	4,250	1,640	945	690	705	788	788	1,460
15	1,300	690	6,550	1,010	4,510	1,880	910	675	720	788	788	1,420
16	1,200	670	5,230	970	4,250	2,040	910	675	788	788	752	1,210
17	1,100	670	3,510	950	5,230	1,730	875	690	735	705	770	980
18	1,000	670	2,530	930	8,400	1,600	858	690	690	720	1,580	910
19	900	670	2,700	910	11,400	1,600	875	675	660	675	1,130	875
20	900	830	3,180	910	9,820	1,830	910	675	645	645	945	840
21	870	1,010	3,180	910	6,700	1,930	875	675	630	645	1,090	875
22	870	950	2,790	930	5,080	1,600	840	705	615	630	1,290	875
23	850	950	2,160	3,060	3,400	1,420	840	735	615	615	1,500	875
24	850	910	1,930	5,540	2,610	1,290	840	752	615	600	1,330	980
25	810	1,400	1,830	5,700	2,450	1,250	840	720	615	600	1,170	1,130
26	790	1,830	1,680	4,650	2,790	1,210	822	690	645	615	1,020	1,130
27	790	1,780	1,550	3,300	2,790	1,170	805	675	690	615	875	980
28	810	1,980	1,420	2,230	2,530	1,210	945	675	705	615	805	875
29	930	2,980	1,330	1,780	-----	1,210	980	705	705	705	822	822
30	830	3,750	1,290	1,550	-----	1,210	858	720	675	705	788	788
31	790	-----	1,210	1,370	-----	1,420	-----	690	-----	720	735	-----
TOTAL MEAN	81,728	31,600	96,720	52,840	97,430	74,830	33,508	22,025	21,403	21,636	27,778	30,200
MAX	17,900	3,750	8,400	5,700	11,400	7,020	2,250	805	1,020	910	1,580	1,880
MIN	580	670	1,210	910	1,090	1,170	805	675	615	600	615	660
CFSM	2.18	2.97	2.58	1.41	2.98	1.99	1.92	1.59	1.58	1.74	2.23	2.33
IN.	2.51	.97	2.97	1.62	2.99	2.30	1.03	.68	.66	.66	.85	.93

CAL YR 1964: TOTAL 714,681

MEAN 1,952

MAX 17,900

MIN 492

CFSM 1.61

IN 16.19

WAT YR 1965: TOTAL 591,698

MEAN 1,621

MAX 17,900

MIN 580

CFSM 1.34

IN 16.19

2-4926 Pearl River at Pearl River, La

Location --Lat 30°23'08", long 89°44'12", in NE 1/4 sec 1, T 8 S, R 14 E, St. Helena meridian, on right bank fender at downstream side of West Pearl River bridge on U S Highway 11, 500 ft upstream from Southern Railway System bridge, 0.5 mile upstream from old channel, and 0.8 mile northwest of town of Pearl River

Drainage area --8,590 sq mi (including East Pearl River)

Records available --Discharge October 1963 to September 1965 Daily discharge October 1961 to September 1963 in files of Corps of Engineers, Mobile district

Gage heights Since June 6, 1906 in reports of U S Weather Bureau Oct 1, 1899, to May 31, 1906 (collected by Southern Railway System) on file at the U S Weather Bureau, Meridian, Miss

Gage --West Pearl Water-stage recorder Datum of gage is 0.36 ft above mean sea level. Supplementary water-stage recorder since June 18, 1964, 500 ft downstream at same datum. Auxiliary water-stage recorder 7.4 miles upstream Datum of auxiliary gage is at mean sea level.
East Pearl Water-stage recorder used for gage heights below 13.5 ft Datum of gage is at mean sea level. Supplementary staff gage 9.8 miles upstream at same datum. Auxiliary water-stage recorder 6.5 miles downstream Datum of auxiliary gage is 0.12 ft below mean sea level.
All levels by Corps of Engineers, datum of 1929

Extremes --Maximums and minimums (discharge in cubic feet per second, gage height in feet)

1963-64 Maximum discharge during water year, 66,400 cfs Apr 28 (gage height, 16.31 ft), minimum daily, 1,580 cfs Oct 24, Nov 10
1964-65 Maximum discharge during water year, 59,900 cfs Feb 21 (gage height, 16.10 ft), minimum daily, 2,310 cfs July 26, 27 Sept 10
1963-65 Maximum discharge, 66,400 cfs Apr 28, 1964 (gage height, 16.31 ft), minimum daily, 1,580 cfs Oct 24, Nov 10, 1963
1899-1965 Maximum stage reported by the Southern Railway System, 19.7 ft Apr 19, 1900, maximum stage reported by U S Weather Bureau, 18.6 ft Mar 16, 1921. Flood in 1874 reached a stage of 20.2 ft (furnished by Corps of Engineers)

Remarks --Records good Records of daily discharge are the combined flow of the entire flood plain of the West and East Pearl Rivers Flow is affected by tide below about 4,000 cfs Records of chemical analyses and water temperatures for the water year 1964 are published in reports of the Geological Survey

Cooperation --Gage-height record, 24 discharge measurements, and records of daily discharge furnished by Corps of Engineers, 3 discharge measurements made and records reviewed by the Geological Survey

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1963 TO SEPTEMBER 1964

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	1,890	1,670	2,090	3,210	11,600	15,300	28,100	54,200	4,740	4,950	5,740	5,590
2	1,880	1,700	2,130	3,100	11,300	15,900	27,300	53,300	4,990	4,950	5,200	5,240
3	1,900	1,720	2,260	3,110	11,200	17,700	26,800	49,100	5,340	5,980	4,770	4,920
4	1,910	1,770	2,430	3,160	10,700	22,500	26,000	47,700	5,620	6,540	4,740	4,460
5	1,860	1,780	2,470	3,540	10,600	27,200	24,900	46,600	5,590	6,990	4,350	4,200
6	1,770	1,790	2,400	4,510	10,400	40,400	23,700	44,600	5,220	6,910	4,140	4,110
7	1,650	1,820	2,310	5,720	9,880	43,700	23,000	40,800	4,740	6,890	3,940	4,240
8	1,860	1,870	2,240	6,560	9,210	39,700	19,600	38,000	4,300	6,730	3,760	4,260
9	1,830	1,810	2,060	7,730	8,130	34,700	19,300	35,200	4,020	6,240	3,750	3,610
10	1,750	1,580	2,030	7,480	6,970	30,600	21,900	32,200	3,860	5,420	4,010	3,420
11	1,630	1,750	2,100	7,690	5,890	27,600	24,500	29,800	3,690	4,760	4,320	3,020
12	1,770	1,910	2,150	8,850	5,180	25,300	23,900	29,100	3,670	4,400	4,480	2,780
13	1,790	1,800	2,450	10,000	4,700	24,000	25,800	27,500	3,620	5,350	4,040	2,660
14	1,800	1,730	2,810	11,100	4,300	24,200	28,000	27,500	3,510	7,210	3,620	2,610
15	1,770	1,740	3,570	10,600	4,160	23,900	29,600	27,200	3,340	8,410	3,590	2,510
16	1,720	1,770	4,550	9,720	3,970	24,800	29,600	26,100	3,230	8,050	3,870	2,580
17	1,650	1,770	5,020	9,410	4,040	28,400	28,900	24,600	3,130	7,520	4,710	2,380
18	1,750	1,790	5,030	9,160	5,010	38,800	27,400	23,500	3,060	7,440	5,140	2,720
19	1,790	1,800	4,680	9,330	6,970	46,400	25,600	18,500	3,180	7,290	5,470	2,820
20	1,760	1,770	4,140	10,100	9,150	46,200	24,900	14,000	3,260	7,140	4,920	3,060
21	1,780	1,740	3,590	11,000	10,800	44,600	25,200	10,700	3,170	7,040	4,660	3,170
22	1,770	1,780	3,420	11,900	11,800	44,600	25,300	8,990	3,040	6,720	4,550	3,110
23	1,730	1,900	3,600	11,700	11,800	44,600	25,200	8,050	3,050	6,260	4,730	3,010
24	1,580	2,060	3,760	10,900	10,300	43,500	24,600	7,390	3,000	5,960	4,840	2,780
25	1,630	2,300	3,800	9,810	9,470	42,100	23,900	6,780	3,210	5,710	4,670	2,480
26	1,610	2,430	3,810	8,960	9,630	39,700	25,600	6,320	3,440	5,970	4,660	2,280
27	1,650	2,330	3,840	8,470	11,200	38,000	30,700	5,860	3,630	6,260	4,950	2,100
28	1,720	2,310	3,740	8,900	12,800	35,300	59,900	5,430	3,800	6,780	5,400	2,280
29	1,730	2,240	3,550	10,200	14,300	33,000	59,600	5,010	4,030	7,600	5,680	2,300
30	1,690	2,100	3,340	11,100	-----	30,800	53,900	4,720	4,480	7,210	5,770	2,630
31	1,710	-----	3,270	11,400	-----	29,100	-----	4,780	-----	6,390	5,770	-----
TOTAL	54,330	56,530	98,640	258,420	255,460	1,022,640	868,700	763,530	116,960	201,070	144,230	97,360
MEAN	1,753	1,884	3,182	8,336	8,809	32,990	28,960	24,630	3,899	6,486	4,653	3,245
MAX	1,910	2,430	5,030	11,900	14,300	46,400	59,900	54,200	5,620	8,410	5,770	5,590
MIN	1,580	1,580	2,030	3,100	3,970	15,300	19,300	4,720	3,000	4,400	3,800	2,100
CFSM	20	22	37	97	103	3.84	3.37	2.87	4.5	76	54	38
IN.	24	24	43	1.12	1.11	4.43	3.76	3.31	.51	.87	.62	.42

CAL YR 1963: TOTAL

MEAN 10,760

MAX 59,900

MIN 1,580

CFSM 1.25

IN 17.05

WAT YR 1964: TOTAL 3,937,830

M Expressed in thousands

2-4926 Pearl River at Pearl River, La --Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1964 TO SEPTEMBER 1965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	3,200	4,060	11,900	12,300	11,900	38,300	9,850	4,670	2,720	2,860	3,230	3,200
2	3,330	3,820	13,900	11,500	10,700	39,000	9,300	4,440	2,640	2,860	3,020	3,230
3	4,190	3,550	15,300	11,000	9,780	39,600	13,400	4,180	2,620	2,820	2,830	3,940
4	8,110	3,450	19,200	11,500	9,400	41,000	15,700	4,020	2,570	2,700	2,700	3,900
5	6,020	3,310	23,600	13,700	9,620	42,400	17,600	3,940	2,540	2,610	2,530	3,750
6	7,130	3,230	25,200	15,000	9,920	42,400	18,600	3,890	2,430	2,750	2,440	3,210
7	9,650	3,180	25,000	15,900	10,100	39,900	19,000	3,760	2,460	2,860	2,440	2,800
8	13,600	3,180	23,700	15,700	10,800	36,300	19,000	3,720	2,890	2,700	2,440	2,600
9	23,300	3,180	22,900	14,600	12,100	32,400	18,800	3,630	3,020	2,680	2,460	2,450
10	32,900	3,140	22,200	13,600	12,900	29,000	18,400	3,560	3,120	2,780	2,620	2,310
11	34,100	3,100	23,000	13,000	12,500	25,800	18,100	3,380	3,290	2,920	2,690	3,680
12	30,500	3,030	24,000	12,000	12,700	24,800	17,800	3,200	3,360	3,240	2,780	5,040
13	28,400	3,010	36,000	13,000	13,000	21,900	17,500	3,150	3,110	3,560	2,760	5,340
14	25,900	2,950	24,700	9,650	14,800	20,200	16,800	3,120	2,960	3,460	2,900	5,640
15	22,800	3,260	29,700	8,900	18,200	19,000	15,200	3,010	2,890	3,240	3,050	5,700
16	17,800	2,970	32,500	8,280	21,600	18,400	13,200	3,000	3,110	3,220	2,940	6,540
17	14,500	2,890	30,900	7,380	26,000	18,600	11,700	2,880	3,410	3,070	3,040	7,460
18	12,600	2,880	30,000	6,660	34,700	19,000	10,900	2,810	3,340	2,750	3,600	7,540
19	11,300	2,870	28,400	6,070	44,200	19,300	10,600	2,800	3,100	2,660	4,450	7,000
20	10,000	3,040	27,200	5,800	54,800	18,900	9,960	2,790	2,960	2,560	4,760	6,860
21	8,480	3,390	26,100	5,580	58,400	18,300	10,700	2,770	2,890	2,490	4,980	6,600
22	6,860	3,700	24,800	5,350	53,900	17,500	7,520	2,810	2,700	2,500	5,340	6,620
23	5,780	3,960	25,200	8,770	46,800	16,500	6,500	3,070	2,560	2,460	5,340	6,300
24	5,120	4,330	22,700	13,700	42,300	15,300	5,980	3,000	2,490	2,340	5,780	5,600
25	4,740	5,040	21,000	21,200	39,400	14,000	5,690	2,980	2,430	2,330	6,340	4,940
26	4,480	6,230	19,800	30,500	38,300	12,500	5,450	2,870	2,420	2,310	5,920	4,790
27	4,340	7,360	19,000	30,200	37,600	11,300	5,160	2,820	2,420	2,310	5,060	4,700
28	4,250	9,010	17,900	23,700	37,700	10,600	4,790	2,780	2,460	2,340	4,200	4,890
29	4,250	10,200	16,500	20,300	-----	9,760	4,690	2,760	2,750	2,450	3,470	4,910
30	4,360	10,900	15,200	17,400	-----	9,330	4,730	2,750	2,880	2,820	3,240	5,800
31	4,280	-----	13,700	14,400	-----	9,420	-----	2,740	-----	3,220	3,420	-----
TOTAL	374,270	128,220	711,200	416,840	714,120	738,710	362,620	101,300	84,740	85,870	112,770	147,840
MEAN	12,070	4,274	22,940	13,450	23,500	23,570	12,090	3,268	2,770	2,770	3,638	4,761
MAX	34,100	10,900	36,000	30,500	58,400	42,400	19,000	4,670	3,410	3,560	6,340	7,540
MIN	3,200	2,870	11,900	5,550	9,400	9,330	4,690	2,740	2,420	2,310	2,440	2,310
CFSM	1.41	.50	2.67	1.57	2.97	2.74	1.41	.38	.33	.32	.42	.57
IN.	1.62	.56	3.08	1.80	3.09	3.16	1.57	.44	.37	.37	.49	.64
CAL YR 1964: TOTAL	4,942,020			MEAN 13,500		MAX 59,900	MIN 2,100	CFSM 1.57	IN 21.40			
WAT YR 1965: TOTAL	3,970,200			MEAN 10,880		MAX 58,400	MIN 2,310	CFSM 1.27	IN 17.19			

DISCHARGE AT PARTIAL-RECORD STATIONS

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or flood-flow analyses, depending on the type of data collected.

Records collected at partial-record stations are presented in two tables. The first is a table of discharge measurements at low-flow partial-record stations, and the second is a table of annual maximum stage and discharge at crest-stage stations.

LOW-FLOW PARTIAL-RECORD STATIONS

Measurements of streamflow in the area covered by this report made at low-flow partial-record stations are given in the following table. Most of these measurements were made during periods of base flow when streamflow is primarily from ground-water storage. These measurements, when correlated with the simultaneous discharge of a nearby stream where continuous records are available, will give a picture of the low-flow potentiality of stream. The column headed "Period of record" shows the water years in which measurements were made at the same, or practically the same, site.

Discharge measurements made at low-flow partial-record stations during water years 1961-65

Station No	Station name	Location	Drainage area (sq mi)	Period of record	Measurements	
					Date	Discharge (cfs)
Apalachicola River basin						
2-3313	Sutton Mill Creek near Clarksville, Ga	Lat 34°36', long 83°32', Habersham County, at State Highway 115, 1 mile east of Clarksville	a 3 1	1959, 1961, 1963-65	10-19-60 10- 1-62 10-22-63 10-28-64 9- 7-65	4 94 3 96 3 49 4 83 3 68
2-3320	King Branch near Alto, Ga	Lat 34°27', long 83°37', Habersham County, 1½ miles west of Georgia State Tuberculosis Sanatorium and 2 miles southwest of Alto	42	1944-48*, 1955, 1959, 1961, 1963-65	10-19-60 9-21-61 10- 1-62 10-22-63 10-28-64 9- 7-65	96 73 18 48 42 30
2-3322	Flat Creek near Clermont, Ga	Lat 34°27', long 83°46', Hall County, at State Highway 52, 2 miles southeast of Clermont	a 9 0	1957, 1959, 1961, 1963-65	10-19-60 9-21-61 10- 1-62 10-22-63 10-28-64 5-17-65 9- 7-65 9-22-65	8 93 5 87 4 96 5 14 9 80 12 7 6 57 3 85
2-3336	Yahoola Creek at Dahlonega, Ga	Lat 34°33', long 83°58', Lumpkin County, at State Highway 52 at Dahlonega	31 3	1951, 1953, 1955, 1959, 1961-65	10-18-60 9-21-61 9- 6-62 10-16-62 7-30-63 9-18-63 10- 9-63 11-21-63 8-27-64 10-29-64 11-12-64 8- 9-65 9- 8-65	52 0 47 8 20 6 23 7 56 6 32 3 31 4 29 4 45 1 44 4 44 0 49 8 27 0
2-3359	Rottenwood Creek near Marietta, Ga	Lat 33°55', long 84°29', Cobb County, at Terrell Mill Road near Marietta	a 15	1944*, 1949, 1951, 1953-55, 1957, 1959, 1961-65	10-18-60 9-22-61 9- 5-62 9-11-63 9-24-64 9-10-65	10 0 8 34 5 29 6 83 7 94 9 79
2-3361	North Fork Peachtree Creek at Atlanta, Ga	Lat 33°50', long 84°19', DeKalb County, at Clairmont Road near Atlanta	27 8	1917, 1920, 1944, 1949, 1951-52, 1954-56, 1959, 1961-62, 1964-65	10-18-60 9-22-61 4-26-62 5-18-62 5-22-62 5-28-62 6-29-62 9- 4-62 10-21-63 11-21-63 9-24-64 9-23-65	11 7 9 03 64 7 22 3 15 9 14 7 15 9 4 60 8 80 10 2 15 5 5 10
2-3364	Nancy Creek at Atlanta, Ga	Lat 33°51', long 84°26', Fulton County, at West Paces Ferry Road at Atlanta	38 2	1944, 1949, 1951-53, 1957, 1959, 1961-62, 1964-65	10-18-60 9-22-61 5-18-62 5-24-62 5-28-62 6- 7-62 9- 5-62 9- 7-62 10-21-63 11-21-63 9-24-64 9- 9-65	10 9 8 68 22 5 14 7 14 7 29 1 8 14 5 01 8 45 13 7 9 75 7 74
2-3368	Sweetwater Creek near Hiram, Ga	Lat 33°48', long 84°47', Paulding County, at county road 5½ miles southwest of Hiram	a 50	1959, 1961-65	9-22-61 9-12-62 9-11-63 9-22-64 9-10-65	10 2 18 4 23 9 18 0 17 0

Discharge measurements made at low-flow partial-record stations during water years 1961-65--Continued

Station No	Station name	Location	Drainage area (sq mi)	Period of record	Measurements	
					Date	Discharge (cfs)
Apalachicola River basin--Continued						
2-3372	Aneewakee Creek near Campbellton, Ga	Lat 33°40', long 84°41', Douglas County, at State Highway 166, 1 mile upstream from mouth	a 29	1953, 1959, 1962-65	10-17-61 9-12-62 9-11-63 9-27-63 6-23-64 9-24-64 9-10-65	11 1 9 44 18 6 13 2 28 0 13 6 16 9
* 2-3374	Dog River near Douglasville, Ga	Lat 33°40', long 84°52', Douglas County, at county road 2½ miles north of Fair Play	a 43	1951, 1953-54, 1959, 1961-65	9-22-61 9-24-62 9-11-63 9-22-64 9-10-65	21 2 9 90 20 4 25 2 28 2
2-3381	Wahoo Creek near Sargent, Ga	Lat 33°25', long 84°50', Coweta County, at county road 2 miles southeast of Sargent	a 16	1953-54, 1959, 1961-65	9-21-61 9-12-62 9-10-63 9-23-64 9-10-65	10 1 4 55 6 93 6 81 9 45
2-3384	Centralhatchee Creek near Franklin, Ga	Lat 33°19', long 85°06', Heard County, at U S Highway 27 north of Franklin	a 57	1953, 1955, 1959, 1961-65	10-18-60 9-21-61 9-24-62 9-10-63 9-23-64 9-10-65	28 5 30 4 17 3 24 4 21 6 26 8
2-3401	White Sulphur Creek at White Sulphur Springs, Ga	Lat 32°55', long 84°48', Meriwether County, at State Highway 18 at White Sulphur Springs	22 2	1943, 1952, 1955, 1956, 1957, 1959, 1961-63, 1965	10-19-60 9-22-61 9-24-62 9-10-63 9-10-65 9-15-65	4 72 7 37 2 54 1 52 4 53
2-3412	Ossahatchee Creek near Hamilton, Ga	Lat 32°41', long 84°52', Harris County, at U S Highway 27 south of Hamilton	42 6	1943, 1951, 1955, 1957, 1959, 1961-63, 1965	10-19-60 10-19-61 9-25-62 9-10-63 9-15-65	4 01 1 19 84 1 22 5 70
2-3417	Kendall Creek near Upatoi, Ga	Lat 32°33', long 84°43', Muscogee County, at State Highway 22, 1½ miles east of Upatoi	17 1	1943, 1948, 1955, 1961, 1964-65	11- 9-60 12- 6-63 8-30-65	1 96 4 38 2 06
2-3419	Ochiltee Creek at Hurley, Ga	Lat 32°22', long 84°49', Chattoahoochee County, at Hourglass Road at Hurley	53 3	1948, 1955, 1961, 1964-65	11- 8-60 12- 6-63 8-30-65	21 5 31 6 21 4
2-3428	Hannahatchee Creek near Louvale, Ga	Lat 32°09', long 84°50', Stewart County, at State Highway 1, 1½ miles south of Louvale	a 74	1944, 1951-53, 1964-65	12-10-63 8-31-65	25 4 23 1
2-3432 5	Hog Creek near Port Gaines, Ga	Lat 31°39', long 84°58', Clay County, at county road 5½ miles northeast of Port Gaines	a 25	1955, 1959, 1961, 1964-65	11- 8-60 21- 5-63 6-24-64 5-27-65	10 3 15 9 18 6 16 5
* 2-3432 75	Abbie Creek near Abbeville, Ala	SW¼ sec 23, T 7 N, R 28 E, at bridge on State Highway 10, 2 5 miles east of Abbeville	46 7	1947-48, 1951, 1953-55, 1964	11-19-63 5- 4-64 5-26-64	10 1 b 194 33 4
2-3432 92	Sandy Creek near Newville, Ala	Sec 5, T 5 N, R 28 E, at bridge on U S Highway 431, 3 miles upstream from Abbie Creek and 5 miles east of Newville	a 22	1947-48, 1964	11-20-63	20 7
2-3437 5	Omussee Creek at Columbia, Ala	NW¼ sec 27, T 4 N, R 29 E, at bridge on State Highway 52 at Columbia, 1 5 miles upstream from mouth	168	1947-48, 1964	11-20-63	109
2-3442	Camp Creek near Riverdale, Ga	Lat 33°34', long 84°26', Clayton County, at county road 1½ miles southwest of Riverdale	a 6 0	1953-55, 1959, 1961, 1963-65	11- 9-60 9-21-61 10-19-62 9- 9-63 9-23-64 9-21-65	2 99 3 68 2 76 3 91 4 02 3 06
2-3444	Flint River above Griffin, Ga	Lat 33°19', long 82°24', Spaulding County, at State Highway 92, 3¼ miles south of Woolsey	194	1951-53, 1955, 1959, 1961-65	9-21-61 9-25-62 9- 9-63 6-11-64 9-23-64 9- 9-65	87 8 32 2 70 8 128 83 2 80 4
2-3446	Line Creek near Aberdeen, Ga	Lat 33°24', long 84°37', Fayette County, at State Highway 54, 1 mile southwest of Aberdeen	a 38	1951, 1954, 1959, 1961, 1963-65	9-21-61 10-19-62 9- 9-63 9-26-63 6- 8-64 9-23-64 9- 9-65	11 4 4 90 4 91 2 86 25 2 7 84 8 89

LOW-FLOW PARTIAL-RECORD STATIONS

Discharge measurements made at low-flow partial-record stations during water years 1961-65--Continued

Station No	Station name	Location	Drainage area (sq mi)	Period of record	Measurements	
					Date	Discharge (cfs)
Apalachicola River basin--Continued						
2-3449	Walnut Creek near Greenville, Ga	Lat 30°00', long 84°43', Meriwether County, at State Highway 41, 1 mile south of Greenville	a 4 5	1953, 1955-57, 1959, 1961-63 1965	10-19-60 9-22-61 9-24-62 9-10-63 9-15-65	1 32 1 62 88 51 1 49
2-3454	Elkins Creek near Molena, Ga	Lat 32°58', long 84°31', Pike County, at county road 1 mile upstream from mouth and 3 miles south of Molena	101	1947, 1954, 1959, 1961-63, 1965	9-22-61 9-25-62 9-9-63 9-16-65	39 5 7 89 35 24 6
2-3462	Edwards Creek near Talbotton, Ga	Lat 32°43', long 84°33', Talbot County, at State Highway 41, 2½ miles north of Talbotton	9 48	1951, 1955, 1959, 1961-63, 1965	10-19-60 9-22-61 9-25-62 9-9-63 9-15-65	1 21 72 13 25 1 59
2-3464	Potato Creek near Piedmont, Ga	Lat 33°01', long 84°16', Lamar County, at county road at Piedmont	a 96	1953, 1959, 1962-63, 1965	10-18-61 9-25-62 9-9-63 9-21-65	13 8 7 56 17 9 13 8
2-3482	Culpepper Creek near Roberta, Ga	Lat 32°41', long 84°00', Crawford County, at State Highway 7, 2 miles south of Roberta	a 13	1951, 1955, 1964-65	12-9-63 5-26-65	5 86 7 36
* 2-3483	Patsiliga Creek near Reynolds, Ga	Lat 32°34', long 84°05', Taylor County, at State Highway 128, 1 mile north of Reynolds	139	1951, 1955, 1959, 1961-62, 1964-65	11-9-60 9-13-62 12-9-63 9-15-65	64 8 64 5 79 7 82 6
2-3493	Shoal Creek at Tazewell, Ga	Lat 32°23', long 84°27', Marion County, at State Highway 137 at Tazewell	a 44	1944, 1955, 1959, 1961, 1964-65	11-8-60 12-10-63 8-30-65	43 2 39 7 41 9
2-3496	Beaver Creek near Montezuma, Ga	Lat 32°18', long 84°02', Macon County, at State Highway 26 at Montezuma	a 39	1946-47, 1951, 1955, 1959, 1964-65	12-10-63 5-25-65	36 2 39 0
2-3497	Horsehead Creek near Montezuma, Ga	Lat 32°17', long 83°57', Macon County, at State Highway 26, 5½ miles east of Montezuma	a 16	1955, 1959, 1961, 1964-65	11-26-60 12-10-63 5-25-65	15 6 4 8 8 44
2-3499 6	Little Pennahatchee Creek near Lilly, Ga	Lat 32°07', long 83°52', Dooly County, at State Highway 90, 2½ miles southeast of Lilly	a 24	1954, 1961, 1965	1-16-60 5-25-65	0 3 04
2-3503	Cedar Creek near Cordele, Ga	Lat 31°55', long 83°51', Crisp County, at State Highway 257, 5½ miles southwest of Cordele	a 34	1954, 1957, 1961, 1964-65	10-21-60 12-9-63 5-25-65	2 61 3 49 7 14
* 2-3509	Kinchafoonee Creek near Dawson, Ga	Lat 31°46', long 84°15', Lee County, at State Highway 32, 5½ miles northwest of Leesburg	527	1951, 1953-54, 1959, 1961, 1964-65	10-21-60 12-5-63 5-25-65	219 310 245
* 2-3517	Muckalee Creek near Smithville, Ga	Lat 31°54', long 84°12', Lee County, at State Highway 118, 3 miles east of Smithville	a 28	1951, 1953-54, 1959, 1961, 1964-65	10-21-60 12-5-63 5-26-65	163 136 160
* 2-3518	Muckaloochee Creek at Smithville, Ga	Lat 31°54', long 84°15', Lee County, at State Highway 118 at Smithville	a 47	1951, 1953-54, 1959, 1961, 1964-65	10-21-60 12-5-63 5-26-65	33 3 33 7 59 7
* 2-3519	Muckalee Creek near Leesburg, Ga	Lat 31°44', long 84°07', Lee County, at State Highway 32, 2½ miles east of Leesburg	a 405	1951, 1953-54, 1959, 1961, 1964-65	11-21-60 12-5-63 5-25-65	193 326 281
2-3532	Nochaway Creek near Shellman, Ga	Lat 31°47', long 84°36', Randolph County, at State Highway 41, 1½ miles north of Shellman	a 52	1951, 1954, 1959, 1961, 1964-65	11-8-60 12-5-63 6-24-64 5-26-65	34 4 30 9 49 3 47 4
2-3543	Chickasawhatchee Creek near Dawson, Ga	Lat 31°39', long 84°26', Terrell County, at county road 7 miles south of Dawson	a 63	1951, 1955, 1964-65	12-6-63 5-26-65	20 7 21 5
* 2-3545	Chickasawhatchee Creek at Elmodel, Ga	Lat 31°22', long 84°28', Baker County, at State Highway 37 at Elmodel	a 320	1939-49, 1955, 1959-61, 1964-65	10-25-60 12-5-63 6-22-64 5-28-65	21 0 61 1 97 9 50 5

Discharge measurements made at low-flow partial-record stations during water years 1961-65--Continued

Station No	Station name	Location	Drainage area (sq mi)	Period of record	Measurements	
					Date	Discharge (cfs)
Apalachicola River basin--Continued						
2-3550	Ichawaynochaway Creek near Newton, Ga	Lat 31°17', long 84°27', Baker County, at State Highway 200, 9 miles southeast of Newton	a 1,020	1920-21, 1937-47, 1952, 1959, 1961, 1964-65	10-25-60 12- 4-63 5-27-65	380 559 531
* 2-3561	Spring Creek near Arlington, Ga	Lat 31°25', long 84°47', Early County, at State Highway 62, 3½ miles southwest of Arlington	a 49	1951-52, 1954-55, 1959-61, 1964-65	10-25-60 12- 5-63 6-24-64 5-27-65	4 87 4 79 3 27 1 60
Choctawhatchee River basin						
* 2-3600	West Fork Choctawhatchee River at Blue Springs, Ala	SE¼ sec 14, T 8 N, R 25 E, at bridge on State Highway 10 at Blue Springs, 4 miles downstream from Linsey Creek	84 7	1943-53, 1954, 1956-57, 1964	11-19-63 5- 4-64 5-26-64	30 9 b 296 129
2-3602 8	Judy Creek near Ozark, Ala	SW¼ sec 32, T 6 N, R 25 E, at bridge on county road, 1 mile upstream from mouth and 4 5 miles east of Ozark	115	1947-48, 1951, 1964	11-18-63 4-28-64 5-26-64	23 6 b 1,250 133
2-3611 5	Little Choctawhatchee River near Dothan, Ala	On line between secs 34 and 35, T 4 N, R 24 E, at State Highway 123, 3 5 miles upstream from mouth and 15 miles west of Dothan	149	1948-49, 1951, 1964	11-19-63	111
2-3612 5	Hurricane Creek near Hartford, Ala	On line between secs 28 and 33, T 2 N, R 24 E, at bridge on State Highway 12, 3 miles east of Hartford	a 16	1948, 1964	11-20-63	11 5
2-3613 5	Bear Creek near Ozark, Ala	SW¼ sec 36, T 6 N, R 23 E, at bridge on State Highway 27, 4 miles west of Ozark	a 23	1947-48, 1951, 1964	11-18-63	7 79
2-3614	Claybank Creek at Clayhatchee, Ala	NW¼ sec 15, T 3 N, R 23 E, at bridge on U S Highway 84, 0 7 mile west of Clayhatchee	218	1942, 1944-46, 1949, 1964	11-19-63 4-28-64 5-25-64	94 8 b 1,720 246
2-3615	Choctawhatchee River near Bellwood, Ala	Sec 7, T 2 N, R 23 E, at bridge on county road, 1 mile southeast of Bellwood	1,260	1922-25, 1964	11-21-63	726
2-3620	Choctawhatchee River near Geneva, Ala	W½ sec 21, T 1 N, R 22 E, at highway bridge 0 8 mile upstream from Double Bridges Creek, 1 mile northeast of Geneva, and 1 5 miles upstream from Pea River	1,347	1922-25, 1949, 1955-56, 1964	11-21-63 3- 6-64 5-26-64	755 b 12,700 1,600
2-3622	Double Bridges Creek near Enterprise, Ala	Between secs 26 and 35, T 4 N, R 21 E, at bridge on county road, 4 miles southwest of Enterprise	a 31	1948, 1964	11-22-63	26 3
2-3625	Double Bridges Creek at Geneva, Ala	SE¼ sec 20, T 1 N, R 22 E, at Geneva 0 8 mile upstream from mouth	194	1922-23, 1942, 1954, 1956, 1964	11-20-63 3- 5-64 5-25-64	115 b 973 308
2-3625 9	Johnson Creek near Midway, Ala	NW¼ sec 33, T 13 N, R 25 E, at bridge on county road from Midway to Pine Grove, 1 mile southwest of Midway	a 6 6	1947-48, 1964	11-20-63	76
2-3627	Pea Creek near Clayton, Ala	NW¼ sec 32, T 11 N, R 26 E, at bridge on State Highway 51, 1 5 miles northwest of Clayton	12 7	1948, 1964	11-21-63	3 99
2-3628	Branch Creek near Cllo, Ala	SE¼ sec 32, T 9 N, R 24 E, at bridge on State Highway 10, 0 8 mile upstream from mouth and 3 miles west of Cllo	a 4 7	1947-48, 1964	11-19-63	1 72
2-3628 1	Big Creek near Cllo, Ala	NW¼ sec 31, T 9 N, R 24 E, at bridge on State Highway 10, 1 5 miles upstream from mouth and 4 5 miles west of Cllo	a 25	1947-48, 1964	11-19-63	4 93
2-3631	Pea River near Elba, Ala	SE¼ sec 5, T 5 N, R 21 E, at bridge on county road, 6 miles east of Melba	612	1948, 1951, 1955-56, 1964	11-19-63 4-29-64 5-28-64	89 3 b 2,910 289
2-3632	Whitewater Creek near Brundidge, Ala	W½ sec 29, T 9 N, R 22 E, at bridge on county road, 1 2 miles downstream from State Highway 10 and 3 5 miles west of Brundidge	a 23	1947-48, 1964	11-19-63 3- 4-64 5-25-64	11 1 b 178 47 2
2-3635	Whitewater Creek at Elba, Ala	SE¼ sec 5, T 5 N, R 20 E, 1 mile north of Elba, 1 mile upstream from mouth, and 2 miles downstream from Pea Creek	328	1943-45, 1951, 1955-56, 1964	11-19-63 4-29-64 5-28-64	110 b 2,420 242
2-3640	Pea River at Elba, Ala	Sec 8, T 5 N, R 20 E, at bridge on U S Highway 84 at Elba	966	1935-47, 1964	11-22-63 4-28-64	199 b 5,400
2-3649	Sandy Creek near Geneva, Ala	S¼ sec 20, T 1 N, R 21 E, at bridge on county road, 2 miles upstream from mouth and 6 miles west of Geneva	a 15	1948, 1964	11-21-63	6 83
2-3650	Pea River near Geneva, Ala	W½ sec 30, T 1 N, R 22 E, at bridge on State Highway 27, 2 miles west of Geneva and 2 miles upstream from mouth	1,560	1922-25, 1949, 1956, 1964	11-20-63 3- 6-64 5-25-64	459 b 13,900 1,440

Discharge measurements made at low-flow partial-record stations during water years 1961-65--Continued

Station No	Station name	Location	Drainage area (sq mi)	Period of record	Measurements	
					Date	Discharge (cfs)
Yellow River basin						
2-3674 8	Lightwood Knot Creek near Opp, Ala	SE $\frac{1}{4}$ sec 19, T 4 N, R 18 E, at bridge on county road, 2 miles northwest of Opp	a 75	1947-49, 1951, 1964	11-22-63 4-28-64 5-27-64	46 7 b 1,290 72 2
* 2-3675	Lightwood Knot Creek at Babbie, Ala	SW $\frac{1}{4}$ sec 36, T 4 N, R 17 E, at bridge on U S Highway 84, 1 mile east of Babbie and 3 5 miles west of Opp	113	1944-52, 1955-56, 1964	11-22-63 4-28-64 5-27-64	64 4 b 1,100 90 1
2-3677	Five Runs Creek near Andalusia, Ala	SW $\frac{1}{4}$ sec 29, T 3 N, R 16 E, at bridge on county road, 8 miles south of Andalusia	a 50	1946-48, 1964	11-21-63	10 6
Blackwater River basin						
* 2-3701	Blackwater River near Holt, Fla	NE $\frac{1}{4}$ sec 36, T 3 N, R 28 W, at Bryant Bridge on county road, 2 4 miles northwest of Holt, Okaloosa County	276	1958-62, 1965	11- 9-60 5-18-61 11- 2-61 5-25-65	221 280 228 2 65
* 2-3702 3	Sweetwater Creek near Munson, Fla	NW $\frac{1}{4}$ sec 16, T 4 N, R 26 W, at bridge on State Highway 4, 1 3 miles east of Munson, Santa Rosa County	a 45	1958-62	11- 9-60 5-16-61 6- 2-61 10-31-61	40 9 64 3 43 8 47 0
* 2-3702 7	Big Juniper Creek near Harold, Fla	N $\frac{1}{2}$ sec 36, T 3 N, R 27 W, at bridge on county road, 2 8 miles upstream from mouth and 5 1 miles north of Harold, Santa Rosa County	142	1958-62	11- 9-60 5-18-61 11- 2-61	168 194 176
* 2-3704	East Fork Big Coldwater Creek near Munson, Fla	SE $\frac{1}{4}$ sec 5, T 4 N, R 27 W, at bridge on State Highway 4, 5 4 miles west of Munson, Santa Rosa County	a 64	1958-62	11- 9-60 5-16-61 10-31-61	48 7 88 9 58 2
Escambia River basin						
* 2-3710	Conecuh River near Troy, Ala	NE $\frac{1}{4}$ sec 13, T 10 N, R 20 E, at bridge on U S Highway 231, 1 5 miles downstream from Manings Creek and 3 miles north of Troy	253	1943-53, 1955, 1964	11-18-63 5-25-64	6 34 107
* 2-3720	Patsaliga Creek at Luverne, Ala	SW $\frac{1}{4}$ sec 29, T 9 N, R 18 E, at bridge on U S Highway 331, 1 mile northwest of Luverne	249	1943-58, 1964	11-21-63	20 9
2-3721 5	Little Patsaliga Creek near Rutledge, Ala	N $\frac{1}{2}$ sec 26, T 9 N, R 17 E, at bridge on State Highway 10, 1 mile west of Rutledge and 5 miles upstream from Patsaliga Creek	108	1947-49, 1964	11-20-63 3- 4-64 5-27-64	25 2 b 1,040 86 4
2-3724	Buck Creek near Red Level, Ala	NW $\frac{1}{4}$ sec 8, T 5 N, R 15 E, at bridge on county road at Buck Creek Church, 2 miles north-east of Red Level	a 16	1947-48, 1964	11-21-63	11 1
2-3727 4	Persimmon Creek near Greenville, Ala	SE $\frac{1}{4}$ sec 13, T 10 N, R 14 E, at bridge on State Highway 10, 1 5 miles east of Greenville	a 21	1947-49, 1951, 1964	11-18-63	5 19
2-3728	Stallings Creek near Greenville, Ala	SW $\frac{1}{4}$ sec 3, T 9 N, R 14 E, at bridge on U S Highway 51, 4 miles south of Greenville	a 40	1947-48, 1964	11-18-63 11-21-63	1 34 79
2-3729 2	Persimmon Creek near Garland, Ala	NW $\frac{1}{4}$ sec 25, T 7 N, R 12 E, at bridge on county road at Garland	274	1942, 1947-48, 1964	11-19-63	4 06
2-3740	Conecuh River near Brooklyn, Ala	N $\frac{1}{2}$ sec 6, T 2 N, R 15 E, at bridge on U S Highway 29, 3 miles downstream from Sepulga River and 7 miles southwest of Brooklyn	2,460	1934-57, 1964	11-18-63 4-29-64 5-27-64	b 320 b 21,000 b 1,760
2-3747	Murder Creek at Brewton, Ala	NW $\frac{1}{4}$ sec 33, T 2 N, R 10 E, at bridge on U S Highway 29 at Brewton	426	1939, 1941-42, 1944, 1949, 1951, 1964	11-18-63 3- 6-64 5-26-64	133 b 3,730 b 408
2-3747 15	Burnt Corn Creek near Belleville, Ala	SE $\frac{1}{4}$ sec 3, T 5 N, R 9 E, at bridge on U S Highway 84, 2 miles west of Belleville and 11 miles west of Evergreen	a 34	1948-49, 1951, 1964	11-19-63	38
2-3747 5	Burnt Corn Creek at Brewton, Ala	SE $\frac{1}{4}$ sec 29, T 2 N, R 10 E, at bridge on U S Highway 31 in Brewton	179	1939, 1941-42, 1944, 1946, 1949, 1951, 1964	11-18-63 5-26-64	30 7 b 413
* 2-3750	Big Escambia Creek at Flomaton, Ala	NE $\frac{1}{4}$ sec 33, T 1 N, R 8 E, at bridge on U S Highway 31 at Flomaton, 1 2 miles upstream from Louisville & Nashville Railroad bridge, 1 5 miles upstream from Alabama-Florida State line, and 4 miles upstream from mouth	323	1939-51, 1955-56, 1964	11-19-63 5-26-64	179 402
2-3758	Moore Creek near Chumuckla, Fla	On line between sec 34, T 4 N, R 30 W, and sec 4, T 3 N, R 30 W, at bridge on county road, 2 5 miles northwest of Chumuckla, Santa Rosa County, and 3 4 miles upstream from mouth	a 22	1958-62, 1965	11-11-60 9-13-61 11- 2-61 5-25-65	40 9 55 2 38 8 27 3

Discharge measurements made at low-flow partial-record stations during water years 1961-65--Continued

Discharge measurements made at 10-ft flow path at record stations during water years 1951-65					Measurements	
Station No	Station name	Location	Drainage area (sq mi)	Period of record	Date	Discharge (cfs)
Coastal basins between Escambia River and Mobile River						
2-3762 4	Dyas Creek near Dyas, Ala	NE $\frac{1}{4}$ sec 29, T 1 S, R 4 E, at bridge on U S Highway 31, 2 miles south of Dyas and 7 miles north-east of Bay Minette, Baldwin County	57 3	1960-64	10-25-60 2-16-61 10- 3-61 10- 9-61 2-14-62 5-28-62 9- 6-62 11- 6-62 10-30-63	11 2 39 5 27 3 18 2 60 8 17 4 16 0 16 6 7 65
2-3762 7	Brushy Creek near Atmore, Ala	SE $\frac{1}{4}$ sec 35, T 1 N, R 5 E, at bridge on county road at Alabama-Florida State line, 2 5 miles southwest of Atmore	a 20	1946, 1948, 1964	11-20-63	7 46
* 2-3764	McDavid Creek near Barrineau Park, Fla	N $\frac{1}{2}$ sec 33, T 3 N, R 32 W, at bridge on State Highway 99, 3 2 miles north of Barrineau Park, Escambia County	26 5	1958-62, 1965	10- 7-60 11-10-60 5-17-61 12- 8-61 5-25-65	102 24 0 28 4 32 2 17 3
2-3779 75	Blackwater Creek above Seminole, Ala	NW $\frac{1}{4}$ sec 19, T 6 S, R 6 E, at bridge on county road, 2 2 miles west of Seminole	115	1960-64	10-25-60 2-16-61 10-10-61 2-15-62 5-28-62 11- 6-62 10-29-63	122 169 158 168 77 6 73 2 57 6
2-3784 1	Fish River near Daphne, Ala	On W $\frac{1}{2}$ of line between sec 18 and 19, T 5 S, R 3 E, at bridge on Baldwin County Road 64, 5 6 miles southwest of Loxley	30 7	1960-64	10-25-60 2-16-61 10-10-61 2-15-62 5-29-62 9- 6-62 11- 6-62 10-29-63	48 1 47 7 47 9 60 3 38 2 35 6 34 1 23 6
Mobile River basin						
2-3829	Pine Log Creek near Rydal, Ga	Lat 34°22', long 84°43', Bartow County, at State Highway 61, 6 miles north of White	24 2	1951-53, 1955, 1959, 1961, 1963-65	9-26-61 10-17-62 9-19-63 9-25-63 9-24-64 9-22-65	1 47 1 83 3 74 8 05 9 10 8 17
* 2-3840	Conasauga River near Tenna, Ga	Lat 35°00', long 84°44', Polk County, at U S Highway 411, 1 $\frac{1}{2}$ miles north of Tenna	108	1929-32*, 1944-48*, 1955, 1959, 1961-62, 1964-65	9-26-61 9-12-62 10-16-63 11-19-63 6-24-64 9- 9-64 9-21-65	37 8 33 6 29 8 31 6 54 4 29 5 45 1
2-3876	Oothkalooga Creek near Calhoun, Ga	Lat 34°30', long 84°58', Gordon County, at county road 1 $\frac{1}{2}$ miles south of Calhoun	66 0	1955, 1959, 1962-65	10-18-61 10-18-62 9-24-64 9- 9-65	25 0 28 6 31 5 27 9
* 2-3900	Amicalola Creek near Dawsonville, Ga	Lat 34°26', long 84°13', Dawson County, at State Highway 53, 5 $\frac{1}{2}$ miles west of Dawsonville	84 7	1939-52*, 1953, 1955, 1959, 1961, 1963-65	9-25-61 10-16-62 10-19-62 10-22-63 10-29-64 9- 8-65	116 81 2 83 9 105 134 117
2-3915	Sharp Mountain Creek near Ball Ground, Ga	Lat 34°20', long 84°24', Cherokee County, at county road 1 $\frac{1}{2}$ miles west of Ball Ground	a 64	1939-40*, 1955, 1959, 1961, 1963-65	11- 9-60 9-25-61 10-19-62 9-18-63 9-26-63 11-19-63 6-23-64 9- 8-64 9-10-65	32 1 20 6 33 7 46 3 34 5 39 8 83 4 32 8 34 9
2-3921	Canton Creek at Canton, Ga	Lat 34°14', long 84°29', Cherokee County, at State Highway 20 at Canton	a 22	1951, 1955, 1959, 1961, 1963-65	11- 9-60 9-25-61 10-19-62 9-18-63 9-26-63 11-19-63 6-22-64 9- 8-64 9-10-65	9 81 6 12 7 38 12 4 8 27 9 43 21 5 9 89 8 51
* 2-3944	Pumpkinvine Creek below Dallas, Ga	Lat 33°55', long 84°53', Paulding County, at State Highway 6, 2 $\frac{1}{2}$ miles west of Dallas	a 40	1943, 1951, 1953-54, 1959, 1961, 1963-65	9-26-61 10-16-62 9-23-63 11-19-63 6-17-64 9-24-64 9-16-65	8 08 10 7 15 0 18 2 38 6 13 9 22 8

LOW-FLOW PARTIAL-RECORD STATIONS

Discharge measurements made at low-flow partial-record stations during water years 1961-65--Continued

Station No	Station name	Location	Drainage area (sq mi)	Period of record	Measurements	
					Date	Discharge (cfs)
Mobile River basin--Continued						
2-3946	Pettit Creek near Atco, Ga	Lat 34°11', long 84°49', Bartow County, at State Highway 3, 1½ miles northwest of Cartersville	37 8	1951-53, 1955, 1959, 1961, 1963-65	9-26-61 10-17-62 9-19-63 9-25-63 11-19-63 9- 9-64 9- 9-65	8 12 5 69 12 6 12 9 7 78 8 41 8 99
2-3948	Euharlee Creek near Rockmart, Ga	Lat 33°59', long 85°05', Polk County, at county road 2½ miles southwest of Rockmart	a 24	1955, 1959, 1961, 1963-65	9-27-61 10-16-62 9-25-63 11-18-63 6-17-64 9-24-64 9-10-65	3 08 3 87 3 77 3 86 8 61 7 68 2 17
2-3949	Euharlee Creek at Taylorsville, Ga	Lat 34°06', long 84°59', Bartow County, at county road at Taylorsville	a 95	1959, 1961, 1963-65	9-26-61 10-17-62 9-24-64 9-16-65	51 7 54 8 68 2 68 3
2-3955	Dikes Creek near Rome, Ga	Lat 34°16', long 85°05', Floyd County, half a mile upstream from bridge on U S Highway 411 and 5 miles east of Rome	14 8	1939-42*, 1959, 1961, 1963-65	9-26-61 10-17-62 9-18-63 9-23-64 9-10-65	3 75 4 18 6 00 3 65 3 00
2-3963	Silver Creek near Lindale, Ga	Lat 34°11', long 85°10', Floyd County, at county road southeast of Lindale	a 24	1955, 1959, 1961, 1963-65	9-25-61 10-17-62 9-19-63 9-25-63 11-19-63 6-17-64 9-22-64 9-10-65	10 5 11 3 12 9 11 2 11 2 22 2 15 3 11 6
2-3978	Duck Creek near Lafayette, Ga	Lat 34°40', long 85°20', Walker County, at county road 4½ miles southwest of Lafayette	20 3	1955, 1957, 1959, 1961, 1963-65	10-25-60 9-25-61 10-18-62 9-18-63 9-23-64 9- 9-65	5 16 1 84 6 19 4 80 2 10 1 33
2-3979	Cane Creek near Trion, Ga	Lat 34°-4', long 85°19', Chattooga County, at county road 1½ miles north of Trion	a 38	1951, 1955, 1959, 1961, 1963-65	9-25-61 10-18-62 9-18-63 9-23-64 9- 9-65	97 2 41 1 78 1 44 1 95
* 2-4119	Tallapoosa River at Tallapoosa, Ga	Lat 33°46', long 85°18', Haralson County, at State Highway 100, 2 miles north of Tallapoosa	237	1951, 1953, 1959, 1961, 1963-65	9-27-61 10-16-62 9-24-63 11-18-63 6-18-64 9-22-64 9-10-65	52 9 49 5 73 7 99 4 148 76 7 93 9
* 2-4132	Little Tallapoosa River near Bowdon, Ga	Lat 33°31', long 85°14', Carroll County, at State Highway 5, 2½ miles south east of Bowdon	a 210	1951, 1953-64, 1959, 1961, 1963-65	9-27-61 10-16-62 9-24-63 11-18-63 6-18-64 9-22-64 9-10-65	54 0 56 0 54 6 86 3 137 88 1 91 7
2-4196 5	Cubahatchee Creek near Fort Davis, Ala	Sec 28, T 15 N, R 23 E, at bridge on county road, 3 miles northwest of Fort Davis	-	1964	11-18-63 3- 2-64 5-28-64	0 b 430 2 17
2-4211 75	Pintlala Creek near Montgomery, Ala	NW¼ sec 17, T 15 N, R 16 E, at bridge on U S Highway 80, 12 miles southwest of Montgomery	257	1941-42, 1943-44, 1960-64	10-25-60 2-17-61 10- 3-61 10- 9-61 2-16-62 5-29-62 9- 4-62 10-23-62 11- 5-62 10- 9-63 10-28-63	9 20 51 6 2 45 1 82 76 5 4 78 70 59 48 47 036
2-4255 95	Cedar Creek near Berlin, Ala	NE¼ sec 14, T 14 N, R 10 E, at bridge on State Highway 41, 5 miles southwest of Berlin, 7 miles south of Sardis, and 16 miles south of Selma	382	1960-65	10-24-60 2-17-61 10- 3-61 10-11-61 2-15-62 5-29-62 9- 4-62 10-23-62 11- 5-62 10- 8-63 10-28-63 8- 4-65	37 0 137 25 0 16 4 171 31 7 5 96 25 7 11 3 7 85 6 26 27 1
* 2-4256 55	Mush Creek near Selma, Ala	In SW¼ sec 29, T 15 N, R 11 E, at bridge on State Highway 41, 1 mile southeast of Berlin, 3 miles south of Sardis, and 12 miles south of Selma	45 4	1951, 1960-65	10-24-60 2-17-61 10- 4-61 10-11-61 2-15-62 5-29-62	3 96 18 3 3 03 1 78 22 6 3 33

Discharge measurements made at low-flow partial-record stations during water years 1961-65--Continued

Station No	Station name	Location	Drainage area (sq mi)	Period of record	Measurements	
					Date	Discharge (cfs)
Mobile River basin--Continued						
* 2-4256 55	Mush Creek--Continued	See preceding page			9- 4-62 10-23-62 11- 5-62 10- 8-63 10-28-63 8- 4-65	0 62 1 90 1 77 1 47 1 65 2 40
2-4272 5	Pine Barren Creek near Snow Hill, Ala	In SE $\frac{1}{4}$ sec 21, T 12 N, R 10 E, at bridge on State Highway 21, 4 miles west of Snow Hill	263	1960-65	10-24-60 2-16-61 10- 4-61 10-10-61 2-13-62 5-28-62 9- 5-62 10-24-62 11- 6-62 10- 8-63 10-29-63 8- 5-65	50 4 114 53 4 48 6 173 52 1 28 8 48 7 32 0 20 3 20 9 69 3
d 2-4276 3	Beaver Creek near Pine Hill, Ala	NE $\frac{1}{4}$ sec 33, T 12 N, R 5 E, at bridge on Wilcox County Road 18, 1 mile southwest of Pine Hill	36 8	1960-65	10-24-60 2-16-61 10-12-61 2-15-62 5-29-62 9- 5-62 10-24-62 11- 5-62 10- 9-63 10-28-63 8- 5-65	4 14 21 4 1 72 22 4 3 24 50 1 33 66 18 074 1 37
2-4278 65	Pursley Creek above Camden, Ala	SE $\frac{1}{4}$ sec 29, T 12 N, R 8 E, at bridge on Wilcox County Road 39, 1 mile southeast of Camden	40 8	1960-65	4-26-60 7- 6-60 10-24-60 2-16-61 10- 3-61 10- 9-61 2-13-62 5-28-62 9- 5-62 10-24-62 11- 6-62 10- 8-63 10-29-63 8- 5-65	e 23 3 e 8 20 1 54 17 9 1 41 57 23 0 1 86 025 58 29 06 046 40
2-4296 05	Little River near Little River, Ala	W $\frac{1}{2}$ sec 19, T 4 N, R 4 E, at bridge on State Highway 59, 3 miles north of Little River	140	1960-64	10-24-60 2-17-61 10- 3-61 10- 9-61 2-14-62 5-28-62 9- 6-62 10-23-62 11- 5-62 10- 8-63 10-28-63	113 148 142 139 207 151 98 7 143 108 78 5 64 8
2-4296 5	Majors Creek near Tensaw, Ala	SW $\frac{1}{4}$ sec 18, T 2 N, R 3 E, at bridge on State Highway 59, 2 miles southwest of Tensaw	44 7	1960-64	10-24-60 2-17-61 10- 3-61 10- 9-61 2-14-62 5-28-62 9- 6-62 11- 7-62 10- 8-63 10-28-63	27 6 44 1 39 1 30 7 56 2 34 7 24 0 23 4 18 5 18 1
* 2-4375	Tombigbee River at Aberdeen, Miss	N $\frac{1}{2}$ sec 27, T 14 S, R 19 W, Huntsville meridian, at bridge on U S Highway 45, 1 3 miles downstream from St Louis and San Francisco Railway bridge and 1 5 miles east of Aberdeen	2,210	1939-58* 1964	10-15-63	168
2-4377	McKinley Creek near Hamilton, Miss	NW $\frac{1}{4}$ sec 32, T 15 S, R 18 W, Huntsville meridian, at bridge on U S Highway 45, 1 $\frac{1}{2}$ miles south of New Hamilton	a 37	1963-64	9-17-63 10-15-63	7 60 2 96
2-4433	Yellow Creek at Steens, Miss	SE $\frac{1}{4}$ sec 21, T 17 S, R 17 W, Huntsville meridian, at bridge on county highway, three-quarters of a mile northwest of Steens	a 350	1944, 1954-57, 1959, 1963	9-17-63	42 1
2-4435	Luxapalila Creek near Columbus, Miss	SW $\frac{1}{4}$ sec 11, T 18 S, R 18 W, Huntsville meridian, at city pumping plant 3 $\frac{1}{2}$ miles northeast of Columbus	726	1928-30*, 1943-44, 1954-57, 1959, 1963	9-17-63	120
2-4695 2	Yantley Creek near Jachin, Ala	N $\frac{1}{2}$ sec 3, T 14 N, R 2 W, at bridge on State Highway 17, 1 mile south of Jachin and 9 miles north of Butler	95 3	1960-64	10-26-60 2-17-61 10- 9-61 2-13-62 5-28-62 9- 4-62 10-23-62 11- 6-62 10- 8-63 10-30-63	13 0 37 8 19 5 85 7 18 2 10 7 13 8 12 4 7 12 6 44

Discharge measurements made at low-flow partial-record stations during water years 1961-65--Continued

Discharge measurements made at low-flow partial-record stations during water years 1961-65--Continued						
Station No	Station name	Location	Drainage area (sq mi)	Period of record	Measurements	
					Date	Discharge (cfs)
Mobile River basin--Continued						
2-4695 75	Wahalak Creek near Butler, Ala	W $\frac{1}{2}$ sec 30, T 13 N, R 2 W, at bridge on State Highway 17, 1 mile south of Butler	22 8	1949, 1960-64	10-25-60 10-26-60 2-16-61 10-9-61 2-13-62 5-28-62 9-4-62 10-23-62 11-8-62 10-8-63 10-29-63	2 24 1 96 14 1 5 18 25 6 5 13 1 81 3 01 2 29 10 15
2-4697 75	Santa Bogue Creek near Frankville, Ala	NW $\frac{1}{4}$ sec 14, T 8 N, R 2 W, at bridge on Washington County Road 31, 1 5 miles north of Frankville	168	1960-64	10-25-60 2-16-61 10-10-61 2-14-62 5-29-62 9-5-62 10-23-62 11-5-62 10-9-63 10-29-63	31 6 98 9 66 7 209 29 0 11 6 42 3 18 8 4 34 2 37
2-4700 75	East Bassett Creek near Dickinson, Ala	NW $\frac{1}{4}$ sec 7, T 9 N, R 4 E, at bridge on Clarke County Road 27, 0 5 mile northwest of Dickinson and 6 miles northeast of Grove Hill	39 9	1960-64	10-24-60 2-16-61 10-11-61 2-14-62 5-29-62 9-4-62 10-23-62 11-5-62 10-8-63 10-29-63	8 71 33 0 3 18 37 8 2 03 64 3 61 2 06 19 20
2-4702 05	West Bassett Creek at Bassetts Creek, Ala	N $\frac{1}{2}$ sec 26, T 6 N, R 1 W, at bridge on U S Highway 43 at Bassetts Creek	128	1954-55, 1960-64	10-24-60 2-15-61 10-11-61 2-14-62 5-29-62 9-5-62 10-23-62 11-5-62 10-9-63 10-29-63	31 4 93 1 41 6 174 18 8 11 1 28 1 18 7 4 91 5 74
2-4703 4	Bates Creek near Malcolm, Ala	S $\frac{1}{2}$ sec 46, T 3 N, R 1 E, at bridge on U S Highway 43, 1 mile north of Malcolm	74 4	1960-64	10-24-60 2-16-61 10-11-61 5-29-62 9-5-62 10-22-62 11-7-62 10-29-63	9 21 45 2 20 5 4 64 3 50 9 28 4 59 1 36
2-4706 1	Cedar Creek at Cedar Creek Falls near Mount Vernon, Ala	SW $\frac{1}{4}$ sec 10, T 1 N, R 1 W, approximately 4 miles southwest of Mount Vernon	71 2	1953-54, 1963-64	9-12-63 10-29-63	14 0 10 8
2-4706 15	Cedar Creek near Mount Vernon, Ala	E $\frac{1}{2}$ sec 1, T 1 N, R 1 W, at bridge on U S Highway 43, 0 8 mile south of Mount Vernon, Ala	86 0	1946, 1960-63	10-24-60 2-16-61 10-11-61 5-29-62 11-7-62	48 8 94 7 65 9 40 0 33 4
2-4709 25	Chickasaw Creek at Chunchula, Ala	NE $\frac{1}{4}$ sec 32, T 1 S, R 2 W, at bridge on Mobile County Road 63, 0 5 mile east of Chunchula	45 4	1960-64	10-25-60 2-16-61 10-10-61 2-13-62 5-28-62 9-5-62 11-6-62 10-29-63	52 4 61 9 61 0 129 45 0 33 0 34 1 11 8
Dog River basin						
2-4710 75	Halls Mill Creek near Theodore, Ala	Sec 38, T 5 S, R 2 W, at bridge on U S Highway 90, 4 miles north of Theodore and about 8 miles southwest of Mobile	27 2	1960-63	10-25-60 2-17-61 10-10-61 2-14-62 11-6-62	55 6 59 2 51 8 69 4 41 9
Pascagoula River basin						
2-4712 5	Leaf River at Taylorsville, Miss	On line between secs 16 and 21, T 10 N, R 14 W, St Stephens meridian, at bridge on State Highway 20, 1 mile east of Taylorsville	217	1957, 1960, 1964-65	10-17-63 2-17-61 9-30-65	18 2 84 4 80 0
2-4719	Oakohay Creek at Hot Coffee, Miss	SE $\frac{1}{4}$ sec 18, T 9 N, R 14 W, St Stephens meridian, at bridge on State Highway 37 at Hot Coffee	a 270	1965	7-16-65 8-9-65 9-27-65	94 8 123 56 4
2-4721	Big Creek near Laurel, Miss	SW $\frac{1}{4}$ sec 4, T 8 N, R 13 W, St Stephens meridian, at bridge on U S Highway 84, 10 $\frac{1}{2}$ miles west of Laurel	a 100	1943-44, 1951, 1959-60, 1964-65	10-15-63 10-22-64 5-26-65 9-27-65	13 4 32 5 34 4 25 1

Discharge measurements made at low-flow partial-record stations during water years 1961-65--Continued

Station No	Station name	Location	Drainage area (sq mi)	Period of record	Measurements	
					Date	Discharge (cfs)
Pascagoula River basin--Continued						
2-4723 5	Leaf River near Ellisville, Miss	Sec 32, T 8 N, R 13 W, St Stephens meridian, at bridge on State Highway 588, 1 1/2 miles downstream from Big Creek and 8 miles west of Ellisville	a 910	1954-56, 1960, 1964-65	10-15-63 10-22-64 5-25-65	104 276 255
2-4723 7	Leaf River near Moselle, Miss	NW 1/4 sec 9, T 6 N, R 13 W, St Stephens meridian, at bridge on Interstate Highway 59, 2 miles west of Moselle	1,073	1965	5-25-65	304
2-4728	Okatoma Creek at Collins, Miss	NW 1/4 sec 19, T 8 N, R 15 W, St Stephens meridian, at bridge on U S Highway 84 at Collins	187	1943-45, 1951-52, 1954-57, 1959-60, 1964	10-15-63	46 3
2-4728 5	Okatoma Creek at Sanford, Miss	NW 1/4 sec 17, T 6 N, R 14 W, St Stephens meridian, at concrete bridge on State Highway 598, a quarter of a mile west of Sanford	a 240	1965	7-16-65	124
2-4729 4	Bowie Creek at Hattiesburg, Miss	Sec 30, T 5 N, R 13 W, St Stephens meridian, at bridge on Interstate Highway 59, 1 1/2 miles north of intersection of U S Highways 49 and 11 (truck route) in Hattiesburg	656	1964-65	10- 1-63 10-17-63 10-19-64	219 190 344
2-4733 2	Leaf River at McCallum, Miss	NW 1/4 sec 10, T 3 N, R 12 W, St Stephens meridian, at bridge on county highway, 1 mile east of McCallum	a 1,850	1964	10- 2-63 10- 6-63	432 368
2-4741	Tallahoma Creek near Laurel, Miss	SE 1/4 sec 26, T 9 N, R 12 W, St Stephens meridian, at bridge on county highway, 1 1/2 miles upstream from bridge on U S Highway 84 and 2 miles northwest of Laurel	-	1953-57, 1959-60, 1964-65	10-17-63 10-22-64	40 22 5
2-4745 4	Tallahala Creek near Mahmed, Miss	SE 1/4 sec 10, T 3 N, R 11 W, St Stephens meridian, at bridge on county highway, 2 miles north of Mahmed	a 640	1964-65	10- 2-63 10-16-63 6-28-65	55 4 47 0 93 3
2-4746	Bogue Homo near Richton, Miss	NW 1/4 sec 17, T 5 N, R 10 W, St Stephens meridian, at bridge on county road, 4 miles upstream from State Highway 42 and 7 miles northwest of Richton	-	1944, 1955-56, 1964-65	10-16-63 5-26-65	471 23 4
2-4746 7	Bogue Homo near New Augusta, Miss	Sec 33, T 4 N, R 10 W, St Stephens meridian, at bridge on county highway, 6 miles northeast of New Augusta	-	1964-65	10- 2-63 10-16-63 5-26-65	29 1 17 3 46 5
2-4748	Thompson Creek at Richton, Miss	NW 1/4 sec 32, T 5 N, R 9 W, St Stephens meridian, at bridge on State Highway 42, half a mile east of Richton	a 186	1943, 1951, 1953-57, 1964-65	10- 2-63 10-16-63 10-20-64 5-26-65	3 27 3 06 15 4 9 50
2-4748 2	Thompson Creek near Hintonville, Miss	SW 1/4 sec 33, T 4 N, R 9 W, St Stephens meridian, at bridge on county highway, 1 1/2 miles east of Hintonville	-	1964-65	10-16-63 5-26-65 8-10-65 9-28-65	7 96 20 8 19 1 17 2
2-4749 6	Gaines Creek near Beaumont, Miss	SE 1/4 sec 25, T 3 N, R 9 W, St Stephens meridian, at bridge on county highway, 5 miles east of Beaumont	-	1964-65	10-14-63 10-20-64 5-26-65 9-28-65	15 3 99 6 25 5 04
2-4749 9	Atkinson Creek near McLain, Miss	NW 1/4 sec 16, T 2 N, R 8 W, St Stephens meridian, at bridge on county highway, 3 miles north of McLain	-	1964-65	10-14-63 10-21-64 5-27-65	1 15 6 18 6 30
2-4759 8	Okatibbee Creek near Nellieburg, Miss	SW 1/4 sec 16, T 7 N, R 16 E, Choctaw meridian, at bridge on county road, 2 miles north of Nellieburg	a 140	1960, 1962	10- 5-61	23 6
2-4771 8	Souinlovey Creek near Quitman, Miss	NW 1/4 sec 10, T 2 N, R 15 E, Choctaw meridian, 500 ft upstream from mouth and 1 1/2 miles west of Quitman	-	1965	6- 5-65 9-29-65	13 9 23 1
2-4772	Archusa Creek at Quitman, Miss	SE 1/4 sec 1, T 2 N, R 15 E, Choctaw meridian, at bridge on State Highway 18, 1 mile east of Quitman	a 55	1943, 1951-52, 1954-57, 1960, 1964	10-18-63	16 3
* 2-4773 3	Shubuta Creek near Shubuta, Miss	NW 1/4 sec 35, T 1 N, R 15 E, Choctaw meridian, at bridge on county highway, 1 1/2 miles northwest of Shubuta and 5 miles upstream from mouth	a 95	1964-65	10-17-63 10-19-64 5-28-65	6 38 25 5 17 1
2-4773 5	Chickasawhay River at Shubuta, Miss	On line between secs 9 and 10, T 10 N, R 7 W, St Stephens meridian, at bridge on U S Highway 45, 1 mile southeast of Shubuta	a 1,460	1954, 1964-65	10-17-63 5-28-65	58 2 227
2-4773 6	Eucutta Creek near Shubuta, Miss	NE 1/4 sec 18, T 10 N, R 7 W, St Stephens meridian, at bridge on county highway, 2 miles southwest of Shubuta	-	1964-65	10- 4-63 10-18-63 10-19-64 5-28-65	9 31 8 94 21 7 22 7

Discharge measurements made at low-flow partial-record stations during water years 1961-65--Continued

Station No	Station name	Location	Drainage area (sq mi)	Period of record	Measurements	
					Date	Discharge (cfs)
Pascagoula River basin--Continued						
2-4774 9	Yellow Creek at Waynesboro, Miss	SE $\frac{1}{4}$ sec 35, T 9 N, R 7 W, St Stephens meridian, at bridge on county highway, half a mile northwest of Waynesboro	-	1964-65	10- 3-63 10-17-63 10-20-64 5-27-65	17 4 15 9 37 1 30 0
2-4775	Chickasawhay River near Waynesboro, Miss	NW $\frac{1}{4}$ sec 10, T 8 N, R 7 W, St Stephens meridian, at bridge on U S Highway 84, 2 miles west of Waynesboro	1,660	1939-50 $\frac{1}{2}$, 1957, 1964-65	9- 3-57 10- 3-63 1-23-64 5-27-65	e 94 2 111 725 297
2-4776	Patton Creek near Waynesboro, Miss	SE $\frac{1}{4}$ sec 18, T 8 N, R 6 W, St Stephens meridian, at bridge on U S Highway 45, $\frac{1}{2}$ miles southeast of Waynesboro and 2 miles upstream from mouth	-	1956-57, 1959-60, 1964-65	10-15-63 10-20-64 5 27-65	2 35 3 62 2 66
2-4780	Buckatunna Creek at Denham, Miss	S $\frac{1}{2}$ sec 18, T 8 N, R 5 W, St Stephens meridian, at bridge on county highway, 0 3 mile east of Denham	468	1938-49 $\frac{1}{2}$, 1953-57, 1959, 1964-65	10-15-63 5-27-65	8 92 59 5
2-4780 2	Big Red Creek near Buckatunna, Miss	NE $\frac{1}{4}$ sec 21, T 7 N, R 5 W, St Stephens meridian, at bridge on county highway, 3 miles northeast of Buckatunna	-	1964-65	10-15-63 10-20-64 4-26-65	6 62 17 0 15 3
2-4780 3	Buckatunna Creek near Buckatunna, Miss	NW $\frac{1}{4}$ sec 5, T 6 N, R 5 W, St Stephens meridian, at bridge on U S Highway 45, $\frac{1}{4}$ miles southeast of Buckatunna and 2 4 miles upstream from mouth	a 600	1964-65	10- 3-63 10-15-63 10-24-61 9-29-65	37 7 31 2 96 6 82 4
2-4781	Big Creek at Clara, Miss	N $\frac{1}{2}$ sec 16, T 7 N, R 7 W, St Stephens meridian, at bridge on State Highway 63 at Clara	a 46	1943-44, 1951, 1953-57, 1959-60, 1964-65	10- 3-63 10-17-63 10-21-64 5-26-65	2 69 2 38 6 78 7 64
2-4781 4	Big Creek near Buckatunna, Miss	SE $\frac{1}{4}$ sec 22, T 6 N, R 6 W, St Stephens meridian, at bridge on county highway, 10 miles southwest of Buckatunna	-	1964-65	10- 3-63 10-15-63 10-21-64 5-26-65 9-28-65	7 00 5 79 18 0 19 0 16 0
2-4787	Big Creek near Leakesville, Miss	NW $\frac{1}{4}$ sec 24, T 2 N, R 7 W, St Stephens meridian, at bridge on State Highway 57 (formerly 594), $\frac{6}{8}$ miles west of Leakesville	140	1943-44, 1951, 1953-55, 1959-60, 1964-65	10-14-63 10-21-64 5-27-65	6 37 10 0 8 85
2-4790 5	Big Creek near Crossroads, Miss	SW $\frac{1}{4}$ sec 9, T 2 S, R 7 W, St Stephens meridian, at bridge on State Highway 28, 6 5 miles upstream from mouth and 6 9 miles southwest of Lucedale	44 6	1953-63	10-26-60 1-10-61 10-24-61 5-20-63 6-11-63	31 7 77 2 37 7 50 9 16 8
2-4790 7	Big Cedar Creek near Wade, Miss	NE $\frac{1}{4}$ sec 37, T 4 S, R 6 W, St Stephens meridian, at bridge on county road, 3 3 miles downstream from Little Cedar Creek and 5 2 miles north of Wade	64 3	1958-63	10-26-60 1-10-61 10-24-61 6-11-63	53 3 18 0 69 4 37 9
2-4790 9	Black Creek North near Wade, Miss	NW $\frac{1}{4}$ sec 22, T 4 S, R 6 W, St Stephens meridian, at bridge on State Highway 63, 1 8 miles downstream from Milstead Branch and $\frac{3}{4}$ miles north of Wade	15 6	1953, 1955-56, 1958-61, 1963	10-26-60 6-11-63	1 98 68
2-4791 05	Little Black Creek near Lumberton, Miss	SE $\frac{1}{4}$ sec 5, T 1 N, R 14 W, St Stephens meridian, at bridge on U S Highway 11, 5 miles north of Lumberton	a 30	1955, 1963-64	11- 7-62 10-15-63	15 6 8 76
2-4791 3	Black Creek near Brooklyn, Miss	NW $\frac{1}{4}$ sec 16, T 1 N, R 12 W, St Stephens meridian, at bridge on old U S Highway 49 at Brooklyn	352	1954-57, 1959, 1964-65	10- 1-63 10-16-63 5-25-65	57 4 45 9 120
* 2-4791 7	Black Creek near Benndale, Miss (formerly published as Big Black Creek near Benndale)	SW $\frac{1}{4}$ sec 14, T 3 S, R 8 W, St Stephens meridian, at bridge on State Highway 57, 0 7 mile north of Broome School and 7 6 miles south of Benndale	a d 760	1958-61 1963-64	10-27-60 6-11-63 10- 3-63 10-11-63	264 127 107 101
* 2-4791 8	Red Creek at Lumberton, Miss	NW $\frac{1}{4}$ sec 31, T 1 N, R 14 W, St Stephens meridian, at bridge on U S Highway 11, 0 5 mile north of Lumberton	15 6	1953-57, 1959, 1963-64	11- 7-62 10-15-63	1 40 08
2-4791 91	Red Creek at Perkinston, Miss	NW $\frac{1}{4}$ sec 18, T 3 S, R 11 W, St Stephens meridian, at bridge on U S Highway 49, half a mile north of Perkinston	218	1942-43, 1945-46, 1953-57, 1964	10-16-63	36 3
f 2-4794 25	Escatawpa River at Deer Park, Ala	On and about center of line between secs 18 and 19, T 3 N, R 3 W, at bridge on Washington County Road, half a mile west of Deer Park	190	1960-64	10-25-60 2-16-61 10-10-61 2-13-62 5-29-62 9- 5-62 11- 6-62 10-30-63	91 54 8 32 5 197 2 09 37 0 0
* 2-4796	Escatawpa River near Hurley, Miss	NE $\frac{1}{4}$ sec 12, T 5 S, R 5 W, St Stephens meridian, at bridge on county highway, 4 2 miles southeast of Hurley	639	1958-60 $\frac{1}{2}$, 1961-64	9-28-61 10-24-61 11- 8-62 6-11-63 10-11-63	934 362 247 158 124

Discharge measurements made at low-flow partial-record stations during water years 1961-65--Continued

Station No	Station name	Location	Drainage area (sq mi)	Period of record	Measurements	
					Date	Discharge (cfs)
Pascagoula River basin--Continued						
2-4800 5	Big Creek near Big Point, Miss	NW $\frac{1}{4}$ sec 8, T 6 S, R 4 W, St Stephens meridian, 0.5 mile downstream from Collins Creek and 5.0 miles southeast of Big Point	215	1958-63	10-27-60 1-9-61 10-24-61 6-10-63	102 327 110 62 2
2-4801	Jackson Creek near Orange Grove, Miss	NE $\frac{1}{4}$ sec 19, T 6 S, R 4 W, St Stephens meridian, at bridge on county highway, 1.7 miles upstream from mouth, 2.1 miles downstream from Bay Branch, and 6.8 miles north of Orange Grove	37 2	1958-63	10-27-60 1-9-61 9-28-61 10-25-61 6-12-63	40 9 92 8 42 5 36 9 22 1
2-4802	Black Creek South near Helena, Miss	NE $\frac{1}{4}$ sec 29, T 6 S, R 5 W, St Stephens meridian, at Mississippi Export Railroad bridge at Helena, 0.1 mile upstream from small tributary and 0.2 mile upstream from county highway bridge	40 4	1953-56, 1958-61, 1963	10-26-60 1-9-61 6-10-63	4 63 109 0
2-4802 5	Bluff Creek near Vancleave, Miss	SE $\frac{1}{4}$ sec 6, T 6 S, R 7 W, St Stephens meridian, on right bank 150 ft downstream from mouth of Still Branch and 2.4 miles northwest of Vancleave	50 7	1953, 1955, 1958-61, 1963	10-27-60 6-11-63	16 2 12 0
2-4802 6	Moungers Creek near Vancleave, Miss	SE $\frac{1}{4}$ sec 27, T 5 S, R 7 W, St Stephens meridian, at bridge on county highway, 3.4 miles north of Vancleave	30 6	1958-63	10-27-60 1-10-61 10-26-61 6-11-63	2 22 55 3 2 39 88
2-4802 63	Waters Creek at Vancleave, Miss	SE $\frac{1}{4}$ sec 4, T 6 S, R 7 W, St Stephens meridian, at bridge on county highway, three-quarters of a mile upstream from mouth and 1 mile north of Vancleave	a 6 9	1958-61	10-27-60	1 65
Tchoutacabouffa River basin						
2-4803 5	Tchoutacabouffa River near Biloxi, Miss	SE $\frac{1}{4}$ sec 33, T 5 S, R 9 W, St Stephens meridian, 10 miles north of Biloxi at Harrison-Jackson county line	57 5	1965	0-27-64 1-9-64 5-13-65	11 9 10 7 9 66
Biloxi River basin						
2-4810 5	Saucier Creek near Wortham, Miss	NW $\frac{1}{4}$ sec 33, T 5 S, R 11 W, St Stephens meridian, at bridge on county road, 2.4 miles east of Wortham	a 40	1953, 1955-56, 1959, 1964	10-16-63 7-16-64	5 20 9 84
2-4811	Little Biloxi River near Lyman, Miss	NE $\frac{1}{4}$ sec 17, T 6 S, R 11 W, St Stephens meridian, at bridge on U. S. Highway 49, 2 miles north of Lyman	a 71	1942-43, 1953-57, 1959, 1964	7-16-64	8 48
Wolf River basin						
* 2-4814	Wolf River near Poplarville, Miss	W $\frac{1}{2}$ sec 26, T 2 S, R 15 W, St Stephens meridian, at bridge on State Highway 26, 4 miles east of Poplarville	a 71	1954-55, 1957, 1959, 1964	10-15-63	1 72
* 2-4814 5	Murder Creek near Poplarville, Miss	SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec 14, T 3 S, R 14 W, St Stephens meridian, at bridge on old State Highway 26, 11 miles southeast of Poplarville	21 6	1954-55, 1957, 1959, 1964	10-15-63	3 64
Pearl River basin						
2-4818 8	Pearl River at Burnside, Miss	NE $\frac{1}{4}$ sec 6, T 11 N, R 12 E, Choctaw meridian, at bridge on State Highway 15, 4 miles north of Philadelphia	524	1943-45, 1953-54, 1956, 1960, 1965	5-21-65 6-5-65	4 33 2 72
2-4819 5	Kentawka Creek near Philadelphia, Miss	NW $\frac{1}{4}$ sec 35, T 11 N, R 11 E, Choctaw meridian, at bridge on State Highway 16, 1.4 miles west of Philadelphia	135	1942-43, 1945, 1952-54, 1956, 1959-60, 1965	5-21-65 5-29-65 6-5-65	9 79 7 85 6 53
* 2-4825	Lobutcha Creek near Carthage, Miss	NE $\frac{1}{4}$ 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	313	1958-60*, 1965	5-22-65 6-5-65	23 7 24 7
2-4827	Tuscolameta Creek near Steel, Miss	NE $\frac{1}{4}$ sec 21, T 8 N, R 9 E, Choctaw meridian, at bridge on State Highway 21, 1 mile upstream from Sipsey Creek, 3.4 miles northeast of Steel, and 13 miles northeast of Forest	177	1955-56, 1959-60, 1965	5-21-65 5-29-65 6-5-65 6-8-65	g 1 62 g 3 35 g 1 04 g 4 02
2-4827 6	Hontokalo Creek near Steel, Miss	SW $\frac{1}{4}$ sec 20, T 8 N, R 9 E, Choctaw meridian, at bridge on State Highway 21, 1.4 miles upstream from mouth, 2.4 miles northeast of Steel, and 1.4 miles northeast of Forest	a 58	1955-56, 1959-60, 1965	5-21-65 5-29-65 6-5-65	1 93 2 27 1 57

Discharge measurements made at low-flow partial-record stations during water years 1961-65--Continued

Station No	Station name	Location	Drainage area (sq mi)	Period of record	Measurements	
					Date	Discharge (cfs)
Pearl River basin--Continued						
* 2-4876 2	Riles Creek near Mendenhall, Miss	NE $\frac{1}{4}$ sec 17, T 1 N, R 4 E, Choctaw meridian, at bridge on State Highway 20 at Merit, 3 miles southwest of Mendenhall	25 3	1953-55, 1959, 1964	10-14-63	24 5
* 2-4879	Copiah Creek near Hazlehurst, Miss	SE $\frac{1}{4}$ 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 $6\frac{1}{2}$ miles east of Hazlehurst	47 5	1945, 1953-54, 1956, 1959-60, 1964-65	10-10-63, 5-5-65, 7-15-65, 8-27-65, 9-27-65	7 93, 12 6, 11 0, 9 37, 9 88
2-4882	Big Bahala Creek near Wanilla, Miss	SW $\frac{1}{4}$ sec 5, T 8 N, R 11 E, Washington meridian, at bridge on State Highway 27, a quarter of a mile upstream from mouth and $5\frac{1}{4}$ miles north of Wanilla	161	1944, 1953-54, 1956, 1959-60, 1964	10-14-63	14 7
2-4883 5	Fair River near Monticello, Miss	SE $\frac{1}{4}$ sec 31, T 8 N, R 11 E, Washington meridian (corrected) at Gulf, Mobile and Ohio Railroad bridge, 1 mile upstream from mouth and $4\frac{1}{2}$ miles north of Monticello	-	1956, 1959, 1964	10-14-63	21 3
2-4886	Silver Creek at Silver Creek, Miss	NE $\frac{1}{4}$ sec 3, T 7 N, R 20 W, St Stephens meridian, at bridge on U S Highway 84 at Silver Creek	a 94	1944-45, 1953-54, 1956, 1959-60, 1964	10-15-63	73 5
2-4886 5	White Sand Creek near Prentiss, Miss	On line between secs 14 and 15, T 7 N, R 19 W, St Stephens meridian, at bridge on State Highway 13, 2 miles south of Prentiss	-	1953-54, 1956, 1959-60, 1964	10-15-63	6 55
2-4888 5	Holiday Creek at Goss, Miss	On line between sec 35, T 5 N, R 19 W, and sec 2, T 4 N, R 19 W, St Stephens meridian, at bridge on State Highway 13, an eighth of a mile upstream from Illinois Central Railroad and three-quarters of a mile south of Goss	-	1953-55, 1957, 1959-60, 1964-65	10-14-63, 5-6-65, 7-29-65, 9-9-65	41 8, 57 5, 56 8, 48 0
2-4890	Pearl River near Columbia, Miss	E $\frac{1}{2}$ sec 7, T 3 N, R 18 W, St Stephens meridian, at bridge on U S Highway 98, $1\frac{1}{2}$ miles southwest of Columbia, $2\frac{1}{2}$ miles upstream from Silver Creek, and $2\frac{1}{2}$ miles downstream from Jones Creek	a5,690	1928-54*, 1961-64	11-14-60, 6-8-61, 9-25-62, 12-4-62, 10-14-63	1,300, 1,600, 1,170, 1,250, 717
2-4890 6	Silver Creek at Foxworth, Miss	NE $\frac{1}{4}$ sec 15, T 3 N, R 13 E, Washington meridian, at bridge on county highway in Foxworth, $2\frac{1}{2}$ miles upstream from mouth	36 8	1954-55, 1957, 1959-60, 1964	10-14-63	28 9
2-4891 3	Upper Little Creek at Lampton, Miss	SE $\frac{1}{4}$ sec 27, T 3 N, R 18 W, St Stephens meridian, at bridge on State Highway 13, 0 5 mile south of Lampton	115	1929, 1944, 1953-55, 1957, 1959-60, 1964	10-14-63	25 3
* 2-4892	Ten Mile Creek near Columbia, Miss	NW $\frac{1}{4}$ sec 12, T 2 N, R 13 E, Washington meridian, at bridge on State Highway 35, 1 5 miles upstream from mouth and 9 miles south of Columbia	39 9	1954-55, 1957, 1959, 1964	10-15-63	54 2
2-4893	Pushepatapa Creek near Angie, La	Lat 30°58'50", long 89°56'40", at bridge 8 5 miles west of Angie	72 3	1955-57, 1960, 1962-64	2-14-62, 9-21-62, 8-19-63, 10-25-63	65 4, 48 2, 38 0, 34 4
* 2-4894	Pushepatapa Creek at Varnado, La	Lat 30°52'50", long 89°49'50", at bridge 0 9 mile south of Varnado	158	1957, 1960, 1962-64	12-7-61, 2-14-62, 9-21-62, 8-19-63, 10-25-63	221, 169, 134, 77 8, 66 6
2-4894 4	Adams Creek near Bogalusa, La	Lat 30°49'45", long 89°50'10", at bridge 2 6 miles northeast of Bogalusa water tower	14 2	1964-65	10-23-63, 6-11-64, 9-2-64, 11-18-64, 4-20-65, 5-18-65	1 27, 2 27, 2 61, 2 88, 7 14, 2 98
2-4894 7	Peters Creek at Bogalusa, La	Lat 30°48'46", long 89°51'15", at bridge 1 1 miles northeast of Bogalusa water tower	12 8	1964-65	10-23-63, 6-11-64, 9-2-64, 11-18-64, 4-20-65, 5-18-65	2 99, 4 53, 4 12, 4 84, 10 1, 5 53
2-4901	Bogue Lusa Creek at Bogalusa, La	Lat 30°46'10", long 89°53'30", at bridge just outside city limits (at southwest corner of city) of Bogalusa	68 7	1957, 1959-60, 1962-64	12-7-61, 2-14-62, 7-26-62, 11-13-62, 8-19-63, 10-25-63	84 4, 84 2, 40 9, 26 9, 15 4, 14 9
2-4907 5	McGee Creek at Tyler-town, Miss	N $\frac{1}{2}$ sec 30, T 2 N, R 11 E, Washington meridian, at bridge on U S Highway 98, a quarter of a mile upstream from Fernwood, Columbia and Gulf Railroad	130	1942-43, 1953-54, 1956-57, 1960, 1964	10-15-63	39 2

Discharge measurements made at low-flow partial-record stations during water years 1961-65--Continued

Station No	Station name	Location	Drainage area (sq mi)	Period of record	Measurements	
					Date	Discharge (cfs)
Pearl River basin--Continued						
2-4912	Silver Creek near Clifton, La	Lat 30°55'30", long 90°14'30", at bridge 3 6 miles west of Clifton	50 1	1955-57, 1960, 1962-64	12- 8-61 2-15-62 5-30-62 11-15-62 4-10-63 8-20-63 10-25-63	40 8 21 8 37 0 30 8 3 61 27 9 19 8
2-4913 5	Hays Creek near Franklinton, La	Lat 30°53'16", long 90°11'28", at bridge 3 4 miles northwest of Franklinton water tower	42 2	1964-65	10-23-63 6-11-64 9- 3-64 11-18-64 4-20-65 5-18-65	7 36 11 4 11 3 10 9 17 6 13 5
* 2-4917	Lawrence Creek near Franklinton, La	Lat 30°51'40", long 90°06'55", at bridge 2 0 miles east of Franklinton	44 2	1957, 1959-60, 1962-64	12- 8-61 2-15-62 5-30-62 11-15-62 4-10-63 8-20-63 10-25-63	48 3 39 4 42 3 20 7 28 3 16 7 9 69
2-4917 2	Bonner Creek near Franklinton, La	Lat 30°47'05", long 90°10'04", at bridge 4 1 miles south of Franklinton water tower	9 44	1964-65	10-24-63 6-11-64 9- 2-64 11-18-64 4-20-65 5-18-65	3 77 5 78 4 42 4 70 11 2 6 46
2-4917 5	Warner Creek near Enon, La	Lat 30°45'30", long 90°07'22", at bridge 3 1 miles northeast of Enon	11 6	1964-65	10-23-63 6-12-64 9- 3-64 11-18-64 4-19-65 5-19-65	18 24 33 66 80 32
2-4918 2	Mill Creek at Enon, La	Lat 30°43'48", long 90°04'25", at bridge 0 6 mile east of Enon	15 0	1964-65	10-23-63 6-12-64 9- 3-64 11-18-64 4-19-65 5-19-65	47 67 56 93 1 80 64
2-4918 5	Miller Creek near Enon, La	Lat 30°41'46", long 90°02'14", at bridge 3 5 miles southeast of Enon	8 75	1964-65	10-23-63 6-12-64 9- 3-64 11-17-64 4-19-65 5-19-65	26 64 32 1 08 1 24 69
2-4918 7	Berrys Creek near Sun, La	Lat 30°40'22", long 89°59'39", at bridge 6 3 miles northwest of Sun	8 97	1964-65	10-23-63 6-12-64 9- 3-64 4-19-65 5-19-65 6-23-65	28 1 24 94 2 67 1 30 1 06
2-4919	Talleys Creek near Sun, La	Lat 30°39'26", long 89°57'50", at bridge 4 3 miles west of Sun	13 5	1964-65	10-25-63 6-12-64 9- 3-64 11-17-64 4-19-65 5-19-65 6-23-65	12 1 02 1 05 97 2 37 1 15 1 19
* 2-4922	Talisheek Creek at Talisheek, La	Lat 30°32'15", long 89°52'35", at bridge 0 4 mile northeast of Talisheek	17 3	1955-57, 1960, 1962-64	2-14-62 5-28-62 7-26-62 11-13-62 4-11-63 8-19-63 10-25-63	5 24 3 66 41 2 1 2 27 1 26 2 20
2-4923 5	East Hobolochitto Creek at Picayune, Miss	SW 1/4 sec 11, T 6 S, R 17 W, St Stephens meridian, at bridge on U S Highway 11 in Picayune	108	1953-55, 1957, 1959, 1964	10-14-63	4 56
2-4925	Hobolochitto Creek at Picayune, Miss	On line between secs 9 and 10, T 6 S, R 17 W, St Stephens meridian, at bridge on State Highway 43 at Picayune	-	1946-47, 1953, 1955, 1962	9-22-62	42 9

* Also a crest-stage station

† Operated as a continuous-record gaging station

a Approximately

b Not base flow

c Fragmentary record

d Revised

e Not previously published

f Corrected

g Combined flow of north and south canals

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained but is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at crest-stage partial-record stations during water years 1961-65

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
Apalachicola River basin							
2-3315	Soque River near Demorest, Ga	Lat 34°34', long 83°35', Habersham County, 300 ft upstream from bridge on State Highway 105 and 2 1/2 miles west of Demorest	156	1905-08*, 1929-32*, 1939, 1940-51*, 1952-65	2-25-61, 12-12-61, 5-13-63, 3-26-64, 4- 6-64, 10- 5-64	12 08, 15 54, 20 27, 13 57, 13 57, 10 02	5,820, 8,320, 12,200, 6,900, 6,900, 4,400
2-3360 8	North Fork Peachtree Creek near Chamblee, Ga	Lat 33°52'40", long 84°15'20", DeKalb County, at culvert on Chamblee-Tucker Road, 2 miles east of Chamblee	10 5	1964	4- 6-64	8 16	1,230
2-3361 2	North Fork Peachtree Creek at Buford Highway near Atlanta, Ga	Lat 33°49'55", long 84°20'15", DeKalb County, at bridge on U S Highway 23, half a mile northeast of Atlanta city limits	34 8	1961, 1963-64	2-25-61, 4-30-63, 4- 6-64	12 2, 12 3, 10 5	2,900, 2,930, 2,330
2-3361 5	South Fork Peachtree Creek at Clarkston, Ga	Lat 33°48'50", long 84°14'10", DeKalb County, at culvert on Montreal Road at Clarkston	5 41	1961, 1963-64	2-25-61, 4-30-63, 3-25-64	9 9, 8 64, 8 63	1,450, 1,100, 1,110
2-3361 8	South Fork Peachtree Creek near Decatur, Ga	Lat 33°48'20", long 84°17'50", DeKalb County, at culvert on Willives Drive, 2 miles north of Decatur	11 3	1961, 1963-64	2-25-61, 4-30-63, 3-25-64	11 9, 12 68, 10 7	1,620, 1,930, 1,060
2-3362 5	South Fork Peachtree Creek at Atlanta, Ga	Lat 33°48'20", long 84°21'03", Fulton County, at bridge on Lenox Road in Atlanta, 2 1/2 miles upstream from confluence with North Fork Peachtree Creek	29 6	1961, 1963-65	2-25-61, 4-30-63, 3-25-64, 1-23-65	11 3, 12 2, 11 6, 9 03	2,480, 3,020, 2,660, 1,400
2-3363 2	Nancy Creek near Doraville, Ga	Lat 33°55'05", long 84°17'50", DeKalb County, at culvert on North Peachtree Road	4 03	1964	1-25-64	9 39	580
2-3363 6	Nancy Creek at Rickenbacker Drive at Atlanta, Ga	Lat 33°52'10", long 84°22'45", Fulton County, at bridge on Rickenbacker Drive at Atlanta	26 6	1963-64	4-30-63, 4- 6-64	12 5, 12 8	2,790, 2,900
* 2-3374	Dog River near Douglasville, Ga	Lat 33°40', long 84°52', Douglas County, at county road 2 1/2 miles north of Fair Play	a 43	1951-65	12-21-51, 3-16-56, 4- 5-57, 2- 6-58, 5-31-59, 4- 3-60, 2-25-61, 12-12-61, 3-13-63, 4- 6-64, 12-26-64	c 12 81, c 14 36, c 12 23, c 8 70, c 13 92, c 8 52, c 16 15, 11 39, 11 4, 11 77, 12 8	b 5,260, b 7,360, b 4,540, c 1,780, b 6,660, c 1,655, c 9,910, 3,700, 3,700, 4,000, 5,200
2-3402 6	Big Branch near West Point, Ga	Lat 32°53', long 85°06', Troup County, at culvert on State Highway 18, 4 1/2 miles east of West Point	a 4 3	1960-65	3-30-60, 2-25-61, 4-12-62, 1-21-63, 4-27-64, 12-26-64	6 58, 10 85, -, -, 11 75, -	b 514, 1,340, d 480, d 130, 1,560, d 270
2-3407 5	Osanippa Creek near Fairfax, Ala	NW 1/4 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	101	1953-65	2-25-61, 4-12-62, 11-22-62, 4- 8-64, 10- 5-64	16 08, 8 66, 8 61, 8 18, 8 68	12,800, 4,290, 4,250, 5,860, 4,490
2-3416	Juniper Creek near Geneva, Ga	Lat 32°32', long 84°34', Talbot County, at State Highway 41, 1 1/2 miles south of Geneva	47 4	1963-65	12-27-62, 4-13-64, 12-27-64	6 83, 8 23, 7 30	640, 1,360, 870
c 2-3421 50	Uchee Creek near Seale, Ala	NE 1/4 sec 13, T 16 N, R 28 E, at bridge on county road, 5 1/2 miles north of Seale (revised)	134	1951-65	2-20-51, 3-25-52, 5- 1-53, 12- 5-53, 7-12-55, 3-17-56, 4- 5-57, 3- 8-58, 6- 2-59, 4- 3-60, 2-25-61, 2-23-62, 3- 6-63, 4- 9-64, 10- 6-64	5 92, 10 9, 10 4, 10 4, 9 9, 9 0, 11 1, 13 1, 9 9, 10 8, 11 3, 9 38, 9 20, 14 06, 11 06	c 761, c 5,590, c 4,340, c 4,340, c 5,310, c 2,000, c 6,140, c 14,100, c 5,310, c 5,340, c 6,740, c 3,320, c 2,350, 19,500, 6,020
2-3432 25	Pataula Creek near Georgetown, Ga	Lat 31°49', long 84°58', Quitman County, at bridge on U S Highway 82, about 1 1/2 miles east of Georgetown	295	1951-65	2- 6-59, 4- 3-60, 4-12-61, 1- 7-62, 1-22-63, 1-10-64, 12-27-64	4 54, 5 15, 5 40, 4 40, 4 45, 4 47, 5 76	c 2,650, c 4,140, c 4,600, 2,450, 2,450, 2,650, 3,260

Annual maximum discharge at crest-stage partial-record stations during water years 1961-65--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
Apalachicola River basin--Continued							
2-3432 75	Abbie Creek near Abbeville, Ala	SW $\frac{1}{4}$ sec 23, T 7 N, R 28 E, at bridge on State Highway 10, 2 5 miles east of Abbeville	46 7	1951-65	3-51-61 4-1-62 2-12-63 3-3-64 2-18-65	6 13 7 06 6 90 6 96 5 69	1,020 2,290 1,970 2,080 674
2-3446 1	Shoal Creek tributary near Aberdeen, Ga	Lat 33°24', long 84°38', Coweta County, at culvert on State Highway 34, 1 $\frac{1}{2}$ miles west of Aberdeen	a 3	1960-63	3-30-60 2-25-61 12-12-61 6-17-63	3 40 4 93 - 3 92	b 100 185 d 120 128
2-3453 5	Andrews Branch tributary near Crest, Ga	Lat 32°57', long 84°27', Upson County, at culvert on State Highway 74, 1 $\frac{1}{2}$ miles northwest of Crest	72	1960-63	9-29-60 2-25-61 8-9-62 9-28-63	5 79 5 80 - 4 20	b 405 412 d 230 230
* 2-3483	Patsiliga Creek near Reynolds, Ga	Lat 32°34', long 84°05', Taylor County, at State Highway 128, 1 mile north of Reynolds	139	1963-65	1-21-63 4-9-64 12-26-64	7 87 9 09 7 87	- - -
* 2-3509	Kinchafoonee Creek near Dawson, Ga	Lat 31°46', long 84°15', Lee County, at State Highway 32 (revised), 5 $\frac{1}{2}$ miles northwest of Leesburg	527	1943, 1949-65	1-43 4-13-61 1-9-62 1-22-63 9-15-64 12-27-64	b 23 17 71 15 94 12 96 16 51 18 17	- 5,760 4,180 2,560 4,800 6,360
2-3515	Muckalee Creek near Americus, Ga	Lat 32°04', long 84°15', Sumpter County, at State Highway 30, 1 mile west of Americus	140	1963-65	1-22-63 1-10-64 10-15-64	6 48 6 99 8 26	870 1,140 2,170
* 2-3517	Muckalee Creek near Smithville, Ga	Lat 31°54', long 84°12', Lee County, at State Highway 118, 3 miles east of Smithville	a 265	1929, 1948, 1951-65	3-29 4-48 4-13-61 1-8-62 2-12-63 1-12-64 12-27-64	b 11 0 b 14 0 7 95 8 02 6 52 7 59 8 79	- - 3,220 3,220 1,520 2,680 4,600
* 2-3518	Muckaloochee Creek at Smithville, Ga	Lat 31°54', long 84°15', Lee County, at State Highway 118 at Smithville	a 47	1943, 1948, 1950-65	1-43 4-48 7-8-50 2-17-52 12-14-53 4-15-55 4-6-57 2-27-58 2-5-59 4-4-60 4-12-61 1-8-62 2-12-63 1-12-64 12-27-64	b 10 8 5 2 3 61 3 32 3 94 3 15 3 54 3 92 3 59 5 86 4 52 4 88 4 05 4 71 6 09	- b 1,250 c 395 c 305 c 510 c 280 c 360 c 510 c 395 c 1,760 820 1,060 550 940 1,920
* 2-3519	Muckalee Creek near Leesburg, Ga	Lat 31°44', long 84°07', Lee County, at State Highway 32, 2 $\frac{1}{2}$ miles east of Leesburg	a 405	1948, 1951-65	4-48 4-13-61 1-9-62 2-13-63 1-12-64 12-27-64	b 19 7 12 52 12 28 10 80 12 97 14 52	- 3,300 3,140 2,080 3,800 5,500
2-3531	Ichawaynochaway Creek near Dawson, Ga	Lat 31°46', long 84°31', Terrell County, at State Highway 50, 7 miles west of Dawson	118	1963-65	2-12-63 1-10-64 12-27-64	7 88 8 40 9 34	1,280 1,700 2,790
* 2-3532	Nochaway Creek near Shellman, Ga	Lat 31°47', long 84°35', Randolph County, at State Highway 41, 1 $\frac{1}{2}$ miles north of Shellman	a 52	1951-62	4-12-61 1-7-62	3 52 6 60	320 -
* 2-3545	Chickasawhatchee Creek at Elmdel, Ga	Lat 31°22', long 84°28', Baker County, at State Highway 37 at Elmdel	a 320	1940-49*, 1952-65	4-17-61 4-1-62 2-14-63 3-5-64 12-5-64	10 70 6 46 6 59 11 38 9 50	2,760 1,040 1,060 3,250 2,090
* 2-3561	Spring Creek near Arlington, Ga	Lat 31°25', long 84°47', Early County, at State Highway 62, 3 $\frac{1}{2}$ miles southwest of Arlington	a 49	1951-65	4-1-51 2-17-52 3-15-53 1-3-54 4-19-55 2-6-56 4-5-57 4-14-58 3-8-59 4-5-60 4-16-61 1-7-62 2-12-63 2-18-64 12-27-64	6 85 6 89 6 79 7 15 6 31 6 74 7 41 7 53 7 82 8 47 8 25 7 16 7 71 8 24 7 59	c 560 c 592 c 512 c 860 c 214 c 472 c 1,170 c 1,340 c 1,790 c 3,120 2,650 872 1,620 2,650 1,450
2-3586	Flat Creek near Chattahoochee, Fla	NE $\frac{1}{4}$ sec 28, T 3 N, R 6 W, at bridge on State Highway 269, 5 3 miles south of Chattahoochee, Gadsden County	24 9	1961-65	8-30-61 4-1-62 1-25-63 9-13-64 4-26-65	7 87 7 98 7 62 7 94 11 43	- - - - -

Annual maximum discharge at crest-stage partial-record stations during water years 1961-65--Continued							
Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
Apalachicola River basin--Continued							
2-3598	Chipola River at Oakdale, Fla	E½ sec 26, T 4 N, R 10 W, at bridge on county road at Oakdale, Jackson County, 4 6 miles south of Marianna	519	1961-65	4-19-61 4- 5-62 1-25-63 5- 6-64 12-30-64	18 75 18 14 13 48 19 73 18 60	- - - - -
Coastal basins between Apalachicola River and Choctawhatchee River							
2-3593	Sandy Creek near Panama City, Fla	NE¼ sec 14, T 4 S, R 12 W, at bridge on State Highway 22, about 16 miles east of Panama City, Bay County	a 25	1961-65	3-19-61 4- 1-62 8-14-63 2-28-64 10-15-64	10 61 15 59 9 77 14 86 17 06	667 1,790 e 561 1,570 2,260
2-3594 5	Econfinia Creek near Fountain, Fla	SE¼ sec 15, T 1 N, R 13 W, at bridge on county road, 0 2 mile upstream from Mitchell Mill Creek and 6 3 miles west of Fountain, Bay County	70 2	1962-65	4- 2-62 9-28-63 9-12-64 10- 4-64	12 69 11 25 12 65 12 30	- - - -
2-3596	Little Bear Creek at Youngstown, Fla (station discontinued)	SE¼ sec 28, T 1 S, R 12 W, at bridge on State Highway 398, 0 4 mile west of Youngstown, Bay County	27 4	1962-64	4- 1-62 9-28-63 1- 9-64	10 97 12 35 11 95	456 1,030 818
2-3596 1	White Oak Creek near Greenhead, Fla (station discontinued)	NE¼ sec 28, T 2 N, R 13 W, at abandoned bridge on woods trail, 1 0 mile upstream from Gap Pond Outlet and 7 6 miles northeast of Greenhead, Washington County	8 46	1962-64	4- 1-62 7-25-63 1- 9-64	5 38 6 48 5 32	- - -
2-3596 5	Big Cedar Creek near Bennett, Fla (station discontinued)	SW¼ sec 26, T 1 S, R 14 W, at bridge on Bennett Road, 2 2 miles upstream from Long Branch Creek and 5 6 miles west of Bennett, Bay County	a f 95	1962-64	4- 2-62 9-28-63 9-12-64	7 48 7 93 7 35	735 963 875
Choctawhatchee River basin							
* 2-3600	West Fork Choctawhatchee River at Blue Springs, Ala	SE¼ sec 14, T 8 N, R 25 E, at bridge on State Highway 10 at Blue Springs, 4 miles downstream from Lindsey Creek	84 7	1943-53*, 1954-65	4-15-61 4- 1-62 1-21-63 3- 3-64 10- 5-64	6 24 6 23 6 70 5 82 6 80	1,470 1,460 1,900 1,110 2,000
2-3602 75	Judy Creek near Ozark, Ala	SE¼ sec 30, T 6 N, R 25 E, at bridge on Dale County Highway 56, 2 2 miles upstream from mouth and 4 miles east of Ozark	102	1957, 1959-65	2-23-61 4- 1-62 1-20-63 3- 3-64 10- 5-64	7 18 12 20 9 39 14 70 14 72	780 2,280 1,540 3,860 3,880
2-3657	Sandy Creek at Ponce de Leon, Fla	SE¼ sec 28, T 4 N, R 17 W, at bridge on State Highway 61 at Ponce de Leon, Holmes County	a g 115	1961-65	6-21-61 4- 1-62 2-12-63 4- 8-64 12-25-64	9 38 10 94 7 64 14 21 13 75	2,180 3,910 837 9,120 8,270
Coastal basins between Choctawhatchee River and Yellow River							
2-3673	Swift Creek near Niceville, Fla	NE¼ sec 5, T 1 S, R 22 W, at bridge on State Highway 285, 1 1 miles northeast of Niceville, Okaloosa County	5 15	1963-65	9-28-63 8- 9-64 9-30-65	2 66 2 61 2 49	- - -
Yellow River basin							
* 2-3675	Lightwood Knot Creek at Babbie, Ala	SE¼ sec 36, T 4 N, R 17 E, at bridge on U S Highway 84, 1 mile east of Babbie, 1 2 miles downstream from Foley Creek, 2 miles upstream from mouth, and 3 5 miles west of Opp	113	1954-53*, 1954-65	4- 2-61 4- 1-62 7-27-63 3- 4-64 10- 5-64	8 37 8 99 7 47 7 79 6 61	4,700 5,880 3,080 3,650 1,700
Blackwater River basin							
* 2-3701	Blackwater River near Holt, Fla (station discontinued)	NE¼ sec 36, T 3 N, R 26 W, at Bryant Bridge on county road, 2 4 miles northwest of Holt, Okaloosa County	276	1959-61	6-22-61	17 10	6,320
* 2-3702 3	Sweetwater Creek near Munson, Fla (station discontinued)	NW¼ sec 16, T 4 N, R 26 W, at bridge on State Highway 4, 1 3 miles east of Munson, Santa Rosa County	a 45	1959-61	6- 2-59 4- 4-60 6-20-61	17 04 18 82 19 76	b 1,010 b 1,700 2,500
* 2-3702 7	Big Juniper Creek near Harold, Fla (station discontinued)	N¼ sec 36, T 3 N, R 27 W, at bridge on county road, 2 8 miles upstream from mouth and 5 1 miles north of Harold, Santa Rosa County	142	1959-61	6-21-61	16 34	4,400
* 2-3704	East Fork Big Coldwater Creek near Munson, Fla (station discontinued)	SE¼ sec 5, T 4 N, R 27 W, at bridge on State Highway 4, 5 4 miles west of Munson, Santa Rosa County	a 64	1960-61	4-12-61	25 06	6,000
Escambia River basin							
* 2-3710	Conecuh River near Troy, Ala	NE¼ sec 13, T 10 N, R 20 E, at bridge on U S Highway 231, 1 5 miles downstream from Mannings Creek and 3 miles north of Troy	253	1944-53*, 1954-65	8-31-61 4- 3-62 1-25-63 4-27-64 12-28-64	14 58 11 98 11 20 11 85 11 69	10,800 4,710 3,430 4,480 4,200

Annual maximum discharge at crest-stage partial-record stations during water years 1961-65--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
Escambia River basin--Continued							
* 2-3720	Patsaliga Creek at Luverne, Ala	SW $\frac{1}{4}$ sec 29, T 9 N, R 18 E, at bridge on U S Highway 331, 1 mile northwest of Luverne and 3 miles downstream from Creek	249	1944-58, 1959-65	2-26-61 4- 1-62 1-23-63 4-28-64 12-28-64	15 07 13 79 13 29 16 16 13 61	10,300 6,110 4,920 14,500 6,170
* 2-3750	Big Escambia Creek at Flomaton, Ala (formerly published as Escambia Creek at Farmington)	NE $\frac{1}{4}$ sec 33, T 1 N, R 8 E, at bridge on U S Highway 31 at Flomaton, 1 2 miles upstream from Louisville & Nashville Railroad bridge, 1 5 miles upstream from Alabama-Florida State line, and 4 miles upstream from mouth	323	1939-51, 1952-65	4-12-61 4- 1-62 1-21-63 4-27-64 1-23-65	12 83 14 13 9 65 10 54 14 75	10,900 14,300 5,420 6,710 16,200
Coastal basins between Escambia River and Mobile River							
* 2-3764	McDavid Creek near Barrineau Park, Fla	N $\frac{1}{2}$ sec 33, T 3 N, R 32 W, at bridge on State Highway 99, 3 2 miles north of Barrineau Park, Escambia County	26 5	1958-61	6-21-58 6-10-59 4-12-61	8 46 9 89 12 95	b 260 b 1,100 -
Mobile River basin							
* 2-3840	Conasauga River near Tennega, Ga	Lat 35°00'37", long 84°44'02", Polk County, Tenn., at U S Highway 411, 1 $\frac{1}{2}$ miles north of Tennega	108	1930-31, 1938, 1940-43, 1944-47, 1951-65	6-22-61 12-12-61 3-12-63 4- 8-64 5-26-65	16 16 16 63 16 75 16 26 16 91	12,000 13,200 13,800 12,300 14,100
2-3845	Conasauga River near Eton, Ga	Lat 34°50', long 84°51', Murray County, at State Highway 286, 5 miles west of Eton	253	1954-58, 1963-65	1-16-54 2- 6-55 5-28-56 2- 1-57 4-28-58 3-13-63 3-15-64 3-26-65	13 75 11 03 11 77 14 52 13 70 12 77 13 04 13 46	b 14,700 b 6,500 b 8,100 b 18,000 14,300 10,800 15,100 18,400
2-3849	Coahulla Creek near Cleveland, Tenn	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	4 88	1955-65	12- -54 5-31-59 3- 8-61 12-17-61 3-12-63 4-28-64 5-26-65	5 62 5 07 6 82 7 39 7 59 8 11 6 58	b 225 b 170 b 292 1,250 1,500 2,280 573
* 2-3850	Coahulla Creek near Varnell, Ga	Lat 34°54', long 84°55', Whitfield County, 250 ft downstream from Praters Mill and 3 miles east of Varnell	a 87	1919 or 1920, 1940-43, 1951-61	5-23-61	12 32	3,960
2-3889	Etowah River near Dahlonega, Ga	Lat 34°31', long 84°04', Lumpkin County, at bridge on State Highway 9, $\frac{1}{2}$ miles west of Dahlonega	a 68	1950-65	3-10-52 1-16-54 2- 6-55 2-25-61 12-12-61 4-30-63 5- 3-64 10- 4-64	12 57 12 81 12 47 13 37 13 93 12 18 12 52 9 95	c 4,400 c 4,800 c 4,200 6,750 8,680 3,700 4,200 1,960
* 2-3944	Pumpkinvine Creek below Dallas, Ga	Lat 33°55', long 84°53', Paulding County, at State Highway 6, 2 $\frac{1}{2}$ miles west of Dallas	a 40	1951-65	3-24-52 1-10-53 1-16-54 2- 6-55 4- 5-57 2-21-61 12-19-61 3-13-63 1-25-64 2-12-65	15 25 14 48 15 64 14 57 15 45 20 28 14 19 18 19 15 73 11 69	b 2,720 b 2,300 b 2,970 b 2,360 b 2,840 6,800 2,150 4,910 3,040 1,160
2-3990	Little River near Jamestown, Ala	NE $\frac{1}{4}$ sec 30, T 7 S, R 10 E, 0 2 mile upstream from Yellow Creek, 0 4 mile upstream from highway bridge, and 2 5 miles west of Jamestown	120	1928-32, 1935-49, 1951-61, 1964-65	2-22-61 3-25-64 3-26-65	7 55 9 06 8 32	7,470 10,800 9,110
2-4042 45	Cheaha Creek near Talladega, Ala	SE $\frac{1}{4}$ sec 28, T 17 S, R 6 E, at bridge on county highway, 8 miles north of Talladega	69 2	1951-53, 1955-65	3-29-51c 3-23-52 1- 8-53 4-13-55 3-16-56 4- 5-57 2- 6-58 1-21-59 1960 (h) 2-22-61 12-18-61 4-30-63 1-25-64 2-12-65	20 2 14 8 12 9 15 1 13 7 16 1 11 1 6 5 (h) 16 32 13 44 17 09 13 36 8 35	b 16,000 b 5,100 b 3,200 b 5,400 b 3,900 b 6,800 b 2,300 b 930 b 700 7,000 3,640 8,250 3,560 1,450
2-4045	Choccolocco Creek near Lincoln, Ala	SW $\frac{1}{4}$ sec 9, T 17 S, R 5 E, at bridge on State Highway 77, 0 4 mile downstream from Smiths Mill, 4 miles south of Lincoln, 6 miles upstream from mouth, and 8 miles north of Talladega	499	1939-53, 1954-63	2-22-61 2-23-62 4-30-63	22 09 17 68 23 42	25,700 13,800 35,900

CREST-STAGE PARTIAL-RECORD STATIONS

Annual maximum discharge at crest-stage partial-record stations during water years 1961-65--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
Mobile River basin--Continued							
2-4065	Talladega Creek at Alpine, Ala	SE $\frac{1}{4}$ sec 21, T 19 S, R 4 E, at bridge on county road, 0.5 mile downstream from Southern Railway bridge, 1 mile north of Alpine, 9 miles southwest of Talladega, and 11 miles upstream from mouth.	148	1901-04, 1939-51, 1952-65	2-22-61 12-18-61 3-13-63 4-15-64 2-13-65	14 63 15 85 13 81 13 82 10 90	10,200 6,200 6,060 6,100 2,300
2-4090	Weogufka Creek near Weogufka, Ala	NE $\frac{1}{4}$ sec 18, T 23 N, R 18 E, at bridge on county road, 2 miles south of Weogufka and 6 miles upstream from Phinikochika Creek	73.6	1951-58, 1959-65	2-25-61 12-18-61 4-30-63 4- 6-64 1-23-65	10 92 12 46 10 08 13 62 9 06	3,130 5,420 2,310 8,260 1,600
* 2-4119	Tallapoosa River at Tallapoosa, Ga	Lat 33°46', long 85°16', Haralson County, at State Highway 100, 2 miles north of Tallapoosa	237	1936, 1949, 1951-65	4- -36 11-29-48 3-23-52 1-16-54 3-16-56 4- 5-57 2-21-61 2-23-62 3-13-63 4- 6-64 3-27-65	c 24 1 c 27 4 c 22 37 c 19 93 c 17 52 c 20 60 24 70 20 58 20 76 19 75 12 53	c 10,400 b 20,000 c 8,120 c 6,440 c 7,520 c 6,860 11,500 6,740 6,980 6,380 3,080
2-4125	Tallapoosa River near Ofelia, Ala	SW $\frac{1}{4}$ sec 34, T 19 S, R 10 E, at bridge on county road, 1 mile northeast of Ofelia, 1.5 miles upstream from Little Tallapoosa River, and 9 miles east of Lineville	787	1939-51, 1952-58, 1960-65	2-23-61 12-15-61 4-30-63 4-17-64 12-27-64	15 42 12 84 20 40 12 64 7 08	22,400 16,300 58,000 15,900 6,420
2-4130	Little Tallapoosa River at Carrollton, Ga	Lat 33°36', long 85°05', Carroll County, 200 ft downstream from bridge on U S Highway 27 at Carrollton	a 89	1938-55, 1956-65	2-25-61 12-19-61 4-30-63 4- 7-64 12-26-64	14 5 13 4 11 4 12 2 10 9	3,580 3,030 2,030 2,430 1,780
* 2-4132	Little Tallapoosa River near Bowdon, Ga	Lat 33°31', long 85°14', Carroll County, at State Highway 5, 2½ miles southeast of Bowdon	a 210	1949-65	11-29-48 2-26-61 12-20-61 4-30-63 4- 6-64 12-26-64	22 5 17 79 16 84 18 00 16 04 11 86	b 9,500 5,260 4,580 5,400 4,100 2,260
2-4134 75	Wedowee Creek near Wedowee, Ala	E $\frac{1}{2}$ sec 34, T 19 S, R 11 E, at bridge on U S Highway 431, 1.5 miles north of Wedowee	51.1	1951-65	2-25-61 4-12-62 3- 6-63 1-25-64 12-25-64	13 10 9 94 7 93 12 37 9 60	- - - - -
2-4135	Little Tallapoosa River near Wedowee, Ala	NE $\frac{1}{4}$ sec 25, T 19 S, R 10 E, at bridge on county road, 4.5 miles northwest of Wedowee and 5.5 miles upstream from confluence with Tallapoosa River	592	1940-51, 1952-65	2-25-61 12-29-61 4-30-63 4- 8-64 12-27-64	22 58 18 90 22 34 17 86 14 60	25,500 16,400 24,600 14,300 9,100
2-4196 25	Calebe Creek near Tuskegee, Ala	SW $\frac{1}{4}$ sec 11, T 16 N, R 22 E, at old highway bridge 300 ft upstream from bridge on U S Highway 80 and 9 miles west of Tuskegee	126	1952-65	2-25-61 4- 1-62 1-21-63 4- 9-64 1-23-65	16 54 14 18 13 58 16 97 13 91	14,200 3,460 2,150 17,700 2,940
2-4205	Autauga Creek at Prattville, Ala	N $\frac{1}{2}$ 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	109	1939-59, 1960-65	2-21-61, or 2-25-61 12-12-61 1-23-63 4- 6-64 10- 5-64	6 03 5 61 3 50 8 58 3 61	3,800 3,360 1,560 6,390 1,650
2-4256 55	Mush Creek near Selma, Ala	SW $\frac{1}{4}$ 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	45.4	1951-65	3-31-61 12-13-61 6-23-63 3-15-64 1-23-65	16 89 19 11 10 85 16 95 13 23	13,000 19,100 3,240 13,100 6,240
2-4260	Boguechitto Creek near Browns, Ala	NW $\frac{1}{4}$ sec 24, T 17 N, R 7 E, 300 ft downstream from bridge on U S Highway 80, 0.3 mile upstream from South Railroad bridge, 2.0 miles east of Browns, and 2.5 miles downstream from Washington Creek	104	1944-54, 1955-58, 1960-65	2-22-61 12-18-61 3- 6-63 4- 8-64 1-23-65	15 75 15 08 14 80 17 51 14 12	5,540 4,030 3,490 10,200 2,460
2-4278 75	Pursley Creek near Camden, Ala	NE $\frac{1}{4}$ sec 2, T 11 N, R 7 E, at bridge on State Highway 41, 4 miles southwest of Camden	60.2	1951, 1953-65	3-31-61 12-25-61 1-20-63 4- 8-64 1-23-65	25 90 1 18 87 11 80 19 03 15 56	11,400 - 2,390 6,260 4,050
2-4299	Big Brown Creek near Booneville, Miss	N $\frac{1}{2}$ 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	30.7	1952-65	3- 8-61 12-14-61 5-27-63 3-15-64 3-26-65	99 53 97 28 95 05 98 28 97 34	3,700 2,700 1,900 3,100 2,720

Annual maximum discharge at crest-stage partial-record stations during water years 1961-65--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
Mobile River basin--Continued							
2-4308	Red Boot Creek near Fulton, Miss	NE 1/4 sec 11, T 9 S, R 9 E, Chickasaw meridian, at culvert on State Highway 25, 4 1/4 miles north of junction of State Highway 25 and U S Highway 78 near Fulton Prior to Oct 1, 1964, at datum 12 24 ft lower	0 15	1955-65	3-28-61 4-11-62 3-12-63 4-14-64 9-12-65	16 14 19 32 18 36 16 52 4 36	37 147 109 47 50
2-4351	Truck Stop ditch near Tupelo, Miss	NE 1/4 sec 22, T 9 S, R 5 E, Chickasaw meridian, at culvert on U S Highway 78, 2 6 miles west of intersection of U S Highways 78 and 45 in Tupelo Prior to Oct 1, 1964, at datum 11 48 ft lower	22	1955-65	8-15-61 4-11-62 3-11-63 3-14-64 3-26-65	16 89 19 17 18 50 16 31 3 54	180 312 257 145 68
2-4353	Cow Pike Pass near Tupelo, Miss	SW 1/4 sec 25, T 9 S, R 6 E, Chickasaw meridian, at culvert on U S Highway 78, 5 1/2 miles east of Tupelo Prior to Oct 1, 1964, at datum 2 81 ft lower	14	1955-65	8-15-61 4-11-62 3-11-63 3-14-64 9-11-65	13 28 10 17 9 23 8 43 4 72	284 187 146 115 82
2-4354	Clear Branch near Tupelo, Miss	SW 1/4 sec 34, T 9 S, R 6 E, Chickasaw meridian, at culvert on U S Highway 78, 1 3 miles east of Tupelo	75	1955-65	8-15-61 4-11-62 3-11-63 3-14-64 2-11-65	6 90 8 23 5 17 5 38 4 20	334 472 157 185 81
2-4358	Coonewar Creek at Shannon, Miss	SE 1/4 sec 12, T 11 S, R 5 E, Chickasaw meridian, on U S Highway 45, 1 mile north of Shannon and 4 1/2 miles upstream from mouth	55 6	1953-65	2-21-61 4-11-62 3-11-63 3-14-64 2-11-65	15 33 19 57 15 07 16 61 13 19	4,430 22,400 3,960 6,500 1,850
2-4359 2	Cotton Gin Branch near Tupelo, Miss	SE 1/4 sec 1, T 10 S, R 4 E, Chickasaw meridian, at culvert on State Highway 6, 7 1/2 miles west of Tupelo Prior to Oct 1, 1964, at datum 12 74 ft lower	23	1955-65	12-29-60 4-11-62 7-17-63 3-14-64 8- 8-65	16 19 18 51 16 85 16 91 2 20	71 249 114 119 11
2-4359 3	Shell Creek near Tupelo, Miss	NW 1/4 sec 6, T 10 S, R 5 E, Chickasaw meridian, at culvert on State Highway 6, 6 6 miles west of Tupelo Prior to Oct 1, 1964, at datum 11 48 ft lower	20	1955-65	2-21-61 4-11-62 3-11-63 3-14-64 3-26-65	14 94 17 76 17 39 15 53 3 71	37 166 161 82 46
2-4373	Mattubby Creek near Aberdeen, Miss	SE 1/4 sec 7, T 14 S, R 7 E, Chickasaw meridian, at bridge on U S Highway 45, 1 1/2 miles upstream from Wolf River and 4 miles northwest of Aberdeen	a 91	1937, 1952-65	2-21-61 4-11-62 7-14-63 4-14-64 2-12-65	95 12 92 97 93 51 92 54 92 79	13,200 7,820 9,200 6,400 7,100
* 2-4375	Tombigbee River at Aberdeen, Miss	N 1/2 sec 27, T 14 S, R 19 W, Huntsville meridian, at bridge on U S Highway 45, 1 3 miles downstream from St Louis and San Francisco Railway bridge and 1 5 miles east of Aberdeen	2,210	1939-58, 1959-65	2-15-59 3- 5-60 2-23-61 4-13-62 3-16-63 3-18-64 2-14-65	32 04 35 12 38 01 41 28 36 85 39 6 -	14,000 18,900 27,900 79,900 23,100 41,600 29,000
2-4398	Cowbell Creek near Houlka, Miss	NW 1/4 sec 5, T 12 S, R 3 E, Chickasaw meridian, at culvert on State Highway 15, 1 75 miles north of Houlka Prior to Oct 1, 1964, at datum 1 61 ft lower	53	1955-65	2-20-61 12-17-61 3-11-63 3-14-64 3-26-65	7 17 6 35 6 62 6 41 4 59	213 85 142 115 85
2-4406	Line Creek near Maben, Miss	S 1/2 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 and 7 miles north of Maben	a 6 5	1952-65	4- 1-61 12-17-61 7-14-63 4- 8-64 2-12-65	16 34 15 31 21 5 15 06 16 08	940 660 3,100 700 1,010
2-4408	Trim Cane Creek near Starkville, Miss	W 1/2 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	39 6	1952-65	2-21-61 12-17-61 7-14-63 4- 8-64 2-10-65	22 99 26 29 22 48 25 43 21 59	3,970 5,430 3,750 5,060 3,350
2-4436 05	Mayo Slough tributary near Columbus, Miss	On line between SE sec 28 and NE sec 33, T 19 N, R 17 E, at 8- x 4-foot box culvert on U S Highway 82, 5 miles west of Columbus	24	1965	2- 9-65	6 36	238
2-4437	Cedar Creek near Brooksville, Miss	SW 1/4 sec 17, T 17 N, R 17 E, at 10- x 6-foot box culvert on U S Highway 45, 7 5 miles north of Brooksville	69	1965	2- 9-65	6 83	358
2-4452 45	New River near Winfield, Ala	SE 1/4 sec 10, T 13 S, R 11 W, at bridge on U S Highway 78, 8 miles east of Winfield	55 6	1951-65	2-21-61 4-11-62 3-12-63 4- 6-64 2-12-65	23 88 23 79 17 02 20 36 17 62	- - - - -
2-4478	Hashuqua Creek near Macon, Miss	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	95 1	1952-65	2-21-61 12-18-61 3-11-63 3-14-64 10- 5-65	96 63 94 64 92 33 95 80 96 64	6,300 2,600 960 4,500 6,390

CREST-STAGE PARTIAL-RECORD STATIONS

Annual maximum discharge at crest-stage partial-record stations during water years 1961-65--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
Mobile River basin--Continued							
2-4554	Flat Branch near Jasper, Ala	SW $\frac{1}{4}$ sec 25, T 14 S, R 7 W, in Walker County Lake 3 7 miles southeast of Jasper	2 47	1958-65	11-14-57 1-21-59 3-1-60 2-20-61 12-17-61 3-12-63 4-10-64 3-28-65	2 88 2 84 3 29 3 55 3 48 2 85 3 62 3 26	b 155 b 145 b 277 355 334 148 376 268
2-4539 5	Lost Creek near Jasper, Ala	NW $\frac{1}{4}$ sec 21, T 14 S, R 8 W, at bridge on U S Highway 78, 6 miles west of Jasper	112	1951-65	2-23-61 12-18-61 3-13-63 4-14-64 2-12-65	24 75 22 95 18 67 23 95 21 50	11,500 8,510 3,600 10,100 6,530
2-4545	Locust Fork below Sneed, Ala	SE $\frac{1}{4}$ sec 25, T 10 S, R 2 E, at bridge on State Highway 75 (revised), 1 5 miles upstream from Slab Creek and 2 2 miles northwest of Sneed	147	1952-57, 1958-65	2-22-61 12-18-61 4-30-63 4-8-64 3-26-65	29 65 27 65 29 87 22 40 20 25	12,100 10,700 12,200 7,340 6,140
2-4570	Fivemile Creek at Ketona, Ala	NW $\frac{1}{4}$ sec 33, T 16 S, R 2 W, at footbridge at Ketona, 0 6 mile downstream from Barton Branch, 0 9 mile downstream from Tarrant Spring Branch, and 2 miles northwest of Tarrant City	22 8	1954-59, 1959-65	2-21-61 12-18-61 4-29-63 3-2-64 6-6-65	10 37 11 02 10 42 7 08 5 97	- - - - -
2-4640	North River near Samantha, Ala	SW $\frac{1}{4}$ sec 16, T 18 S, R 10 W, about 200 ft downstream from bridge on county road, 0 5 mile east of Crumps Store, 1 2 miles upstream from Cripple Creek, and 4 miles north of Samantha	219	1939-54, 1954-65	2-22-61 12-18-61 1-27-62 7-16-63 4-27-64 2-12-65	30 32 20 36 10 30 14 17 20 16 16 46	17,600 10,300 10,300 6,320 10,200 7,760
2-4671	Hamilton Branch near DeKalb, Miss	NE $\frac{1}{4}$ sec 19, T 11 N, R 17 E, at 16- x 6-foot culvert on State Highway 16, 4 2 miles northeast of DeKalb	1 04	1965	2-12-65	5 63	220
Pascagoula River basin							
2-4710 45	Montlimar Creek at Airport Boulevard at Mobile, Ala	S $\frac{1}{2}$ sec 24, T 4 S, R 2 W, on left upstream wingwall of culvert at Airport Boulevard, 0 5 mile west of Federal Interstate Highway I-65 and 4 5 miles east of west city limits of Mobile	2 70	1962-64	9-14-62 6-27-63 4-27-64	3 85 5 58 10 05	600 800 1,850
2-4711	Leaf River near Raleigh, Miss	SE $\frac{1}{4}$ sec 13, T 2 N, R 8 E, Choctaw meridian, at bridge on State Highway 18, 6 miles east of Raleigh	143	1940-43, 1957-65	2-21-61 12-18-61 1-20-63 4-6-64 2-12-65	26 99 23 67 19 86 24 65 23 69	14,500 4,400 1,890 6,600 4,450
2-4727	Oktoma Creek tributary at Mount Olive, Miss	NE $\frac{1}{4}$ sec 7, T 9 N, R 16 W, at double 6- x 4-foot box culvert on State Highway 532, 0 3 mile east of Mount Olive	41	1965	2-12-65	4 69	163
2-4746 5	Buck Creek near Runnelstown, Miss	SE $\frac{1}{4}$ sec 25, T 5 N, R 11 W, St Stephens meridian, at bridge on State Highway 42, 2 4 miles upstream from mouth and 3 7 miles east of Runnelstown	19 1	1951-65	2-18-61 11-14-61 1-20-63 3-14-64 12-12-64	94 89 92 68 85 63 89 72 88 28	3,900 1,400 250 550 420
2-4750 5	Waterfall Branch near McLain, Miss	SW $\frac{1}{4}$ sec 23, T 2 N, R 8 W, St Stephens meridian, at culvert on State Highway 57 (revised), 4 2 miles east of McLain Prior to Oct 1, 1964, at datum 0 72 ft lower	65	1955-65	2-20-61 11-14-61 1-20-63 3-2-64 1-22-65	6 04 7 54 4 13 5 46 4 10	274 405 135 228 180
2-4752 2	Little Rock Creek tributary near Little Rock, Miss	NW $\frac{1}{4}$ sec 30, T 8 N, R 13 E, at 6- x 5-foot box culvert on State Highway 494, 2 miles southeast of Little Rock	22	1965	2-12-65	3 51	40
2-4753 5	Tarlow Creek near Newton, Miss	W $\frac{1}{2}$ sec 11, T 5 N, R 11 E, Choctaw meridian, at bridge on State Highway 15, 2 4 miles south of Newton	15 9	1952-65	3-31-61 5-31-62 1-20-63 4-6-64 10-5-64	18 29 15 36 15 17 17 95 18 13	4,300 4,600 165 3,000 3,750
2-4757	Chunky Creek near Enterprise, Miss	NE $\frac{1}{4}$ sec 13, T 4 N, R 14 E, Choctaw meridian, at bridge on old U S Highway 11, 1 mile upstream from confluence with Okatibbee Creek and 1 mile north of Enterprise	-	1950, 1954-61	2-22-61	34 0	32,000
2-4770 5	Souinlovey Creek near Baxter, Miss	NE $\frac{1}{4}$ sec 3, T 4 N, R 11 E, at 10- x 8-foot box culvert on State Highway 15, 2 6 miles north of Baxter	1 08	1965	2-12-65	8 13	446
2-4770 9	Powers Creek near Rose Hill, Miss	NE $\frac{1}{4}$ sec 11, T 3 N, R 12 E, at double 5- x 5-foot culvert on State Highway 18, 3 0 miles southwest of Rose Hill	45	1965	12-11-64	7 09	355

CREST-STAGE PARTIAL-RECORD STATIONS

763

Annual maximum discharge at crest-stage partial-record stations during water years 1961-65--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
Pascagoula River basin--Continued							
2-4771	Souinlovey Creek near Pachuta, Miss	NE $\frac{1}{4}$ sec 32, T 3 N, R 14 E, Choctaw meridian, at bridge on U S Highway 11, 1 7 miles north of Pachuta	174	1957-65	2-22-61 12-18-61 1-19-63 4- 7-64 1965	255 66 255 20 251 43 256 3 -	18,500 15,000 1,080 20,000 -
2-4771 5	Pachuta Creek at Pachuta, Miss	NE $\frac{1}{4}$ sec 8, T 2 N, R 14 E, Choctaw meridian, on U S Highway 11, half a mile south of Pachuta	a 23	1952-65	2-22-61 12-18-61 1-19-63 4- 6-64 11-25-64	268 32 267 86 262 80 270 91 267 28	6,000 5,000 420 7,200 3,200
* 2-4773 3	Shubuta Creek near Shubuta, Miss	NW $\frac{1}{4}$ sec 35, T 1 N, R 15 E, Choctaw meridian, at bridge on county highway, 1 $\frac{1}{2}$ miles northwest of Shubuta and 5 miles upstream from mouth	a 95	1963-65	1-19-63 4- 6-64 12-12-64	8 50 22 22 15 74	680 15,000 2,100
2-4790 4	Big Creek near Lucedale, Miss	SE $\frac{1}{4}$ sec 26, T 3 N, R 14 W (revised), St Stephens meridian, at bridge on U S Highway 98, 0 8 mile downstream from Beaverdam Creek and 2 1 miles northwest of Lucedale	c 22 0	1952-65	2-18-61 11-14-61 1-19-63 4-26-64 1-23-65	89 51 90 88 83 58 90 82 88 02	1,600 2,500 150 2,350 860
2-4791	Black Creek near Purvis, Miss	SW $\frac{1}{4}$ 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	154	1957-65	2-18-61 4-26-62 1-18-63 4-26-64 1-24-65	28 20 26 14 17 92 23 46 21 57	15,700 7,000 990 3,500 2,250
2-4791 4	Walls Creek near Brooklyn, Miss	NE $\frac{1}{4}$ 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	22 3	1951-65	9-14-61 12-10-61 1-20-63 4-26-64 1-23-65	94 45 97 47 85 30 95 00 90 95	2,100 4,800 220 2,500 780
2-4791 65	Mosquito Branch at Benndale, Miss	SW $\frac{1}{4}$ sec 19, T 2 S, R 8 W, St Stephens meridian, at State Highway 26, 1 0 mile west of Benndale. Prior to Oct 1, 1964, at datum 0 99 ft higher	22	1955-65	3-19-61 11-14-61 1- -63 4-26-64 8- 8-65	5 62 4 21 2 63 4 01 2 80	206 127 53 117 21
* 2-4791 7	Black Creek near Benndale, Miss	SW $\frac{1}{4}$ sec 14, T 3 S, R 8 W, St Stephens meridian, at bridge on State Highway 57, 0 7 mile north of Broome School and 7 6 miles south of Benndale	a 710	1961-65	2-19-61 12-12-61 1-20-63 4-26-64 1-25-65	39 87 40 19 34 64 37 84 36 77	23,400 24,500 4,990 13,500 8,780
* 2-4791 8	Red Creek at Lumberton, Miss	NW $\frac{1}{4}$ sec 31, T 1 N, R 14 W, St Stephens meridian, at bridge on U S Highway 11, 0 5 mile north of Lumberton	15 6	1951-65	2-18-61 12-10-61 3- 6-63 3- 2-64 1-23-65	98 7 98 7 94 02 96 88 95 33	3,500 3,500 336 1,950 1,000
2-4791 9	Red Creek near Wiggins, Miss	NW $\frac{1}{4}$ sec 28, T 2 S, R 12 W, St Stephens meridian, at bridge on old State Highway 26, 4 miles west of Wiggins	168	1952-65	6-20-61 12-10-61 1-20-63 4-26-64 1-24-65	142 37 148 82 132 6 146 51 136 34	7,000 17,000 2,170 10,300 3,790
* 2-4796	Escatawpa River near Hurley, Miss	NE $\frac{1}{4}$ sec 12, T 5 S, R 5 W, St Stephens meridian, at bridge on county highway, 4 2 miles southeast of Hurley	639	1958-60, 1961-65	2-18-61 12-14-61 1-21-63 4-26-64 1-23-65	14 44 15 84 10 16 12 96 12 38	- 19,800 4,220 11,400 9,760
2-4801 5	Franklin Creek near Grand Bay, Ala	NW $\frac{1}{4}$ sec 4, T 7 S, R 4 W, St Stephens meridian, at bridge on county highway, 0 9 mile east of Mississippi-Alabama State line, 2 6 miles west of Grand Bay, and 3 1 miles upstream from mouth	16 4	1959-65	6- 9-59 3-15-60 4-12-61 1- 6-62 1-20-63 4-26-64 9-30-65	14 83 14 59 16 54 12 75 11 88 16 08 16 00	b 740 b 680 2,750 380 275 1,920 1,800
Wolf River basin							
* 2-4814	Wolf River near Poplarville, Miss	W $\frac{1}{2}$ sec 26, T 2 S, R 15 W, St Stephens meridian, at bridge on State Highway 26, 4 miles east of Poplarville	a 71	1952-65	2-18-61 12-10-61 12-21-62 4-26-64 1-24-65	191 87 193 42 185 01 188 68 188 08	8,800 12,800 1,300 3,800 3,200
* 2-4814 5	Murder Creek near Poplarville, Miss	SW $\frac{1}{4}$ sec 14, T 3 S, R 14 W, St Stephens meridian, at bridge on old State Highway 26, 11 miles southeast of Poplarville	21 6	1952-65	6-20-61 12-10-61 12-21-62 4-26-64 1-24-65	16 50 19 20 12 81 16 56 13 30	2,850 7,000 1,010 2,900 1,210
2-4816 7	Bayou La Croix near Bay St Louis, Miss	NW $\frac{1}{4}$ sec 27, T 8 S, R 15 W, St Stephens meridian, at bridge on county road, 8 miles west of Bay St Louis	-	1960-65	4- 2-60 3-17-61 11-16-61 1963 4-27-64 1-24-65	23 38 23 65 21 82 (h) 23 90 21 65	b 2,640 2,930 1,390 - 3,200 1,290

CREST-STAGE PARTIAL-RECORD STATIONS

Annual maximum discharge at crest-stage partial-record stations during water years 1961-65--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
Pearl River basin							
2-4818 1	Tallahaga Creek near Noxapater, Miss	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		1953-65	2-18-61 12-12-61 3-11-63 3-14-64 2-12-65	93 59 94 26 85 50 94 50 91 51	3,700 6,000 710 6,400 1,550
2-4818 4	Noxapater Creek near Noxapater, Miss	NE¼ sec 20, T 13 N, R 12 E, Choctaw meridian, at bridge on State Highway 15, three-quarters of a mile upstream from Gulf, Mobile, and Ohio Railroad and 2 miles south of Noxapater	33 1	1952-65	2-18-61 12-12-61 3-11-63 3-14-64 9-24-65	94 82 94 82 90 80 94 26 94 16	4,100 5,300 - 2,600 2,260
2-4819	Cooneshuck Creek tributary near House, Miss	NW¼ sec 12, T 9 N, R 12 E, at a double 5- x 4-foot box culvert on State Highway 19, 2 3 miles northwest of House and 9 3 miles southeast of Philadelphia	20	1965	2-12-65	4 32	111
2-4823 1	Lobutchka Creek tributary to tributary at Wamba, Miss	NW¼ sec 35, T 14 N, R 8 E, at 10- x 10-foot box culvert on State Highway 19, 0 3 mile west of Wamba	94	1965	7-16-65	5 40	97
* 2-4825	Lobutchka Creek near Carthage, Miss	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	313	1938-60+, 1961-65	2-22-61 12-18-61 3-11-63 4- 6-64 2-12-65	16 03 17 28 8 41 16 40 17 56	6,290 11,000 842 7,590 13,500
2-4838 9	Yockanookany River tributary near McCool, Miss	SW¼ sec 7, T 15 N, R 9 E, at double 6- x 4-foot box culvert on State Highway 12, 4 miles southwest of McCool	60	1965	2- 9-65	3 37	83
2-4847 5	Red Cane Creek tributary near Pisgah, Miss	On line between NE¼ sec 8 and NW¼ sec 9, T 7 N, R 5 E, at 54-inch circular pipe on State Highway 43, 4 1 miles east of Pisgah	10	1965	2-12-65	5 06	67
2-4853 8	Hollybush Creek tributary No 1 near Pisgah, Miss	NW¼ sec 20, T 7 N, R 5 E, Choctaw meridian, at 8- x 6-foot box culvert on State Highway 43, 7 2 miles southeast of Pisgah	43	1965	11-29-64	5 38	194
2-4853 85	Hollybush Creek tributary No 2 near Pisgah, Miss	SW¼ sec 20, T 7 N, R 5 E, at 8- x 4-foot box culvert on State Highway 43, 7 6 miles southeast of Pisgah	58	1965	11-28-64	4 58	123
2-4853 92	Clear Creek tributary to tributary near Pelahatchie, Miss	On line between SW¼ sec 16 and SE¼ sec 17, T 6 N, R 5 E, at 60-inch circular culvert on State Highway 43, 3 3 miles north of intersection of Highways 80 and 43 in Pelahatchie	12	1965	12-11-64	5 89	109
2-4855	Pelahatchie Creek near Fannin, Miss	SW¼SW¼ sec 2, T 6 N, R 3 E, Choctaw meridian, at 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	205	1951-60+, 1961-64	2-23-61 12-19-61 3-11-63 4- 6-64	21 39 22 30 15 62 18 47	9,800 13,600 1,720 -
2-4856 5	Purple Creek near Jackson, Miss	NW¼ sec 8, T 6 N, R 2 E, Choctaw meridian, at Colonial Country Club, 600 ft upstream from Old Canton Road bridge and 1½ miles upstream from mouth	5 85	1952-65	7-12-61 4-11-62 7- 8-63 3- 2-64 10- 4-64	94 07 99 67 96 81 97 75 97 17	737 2,760 1,530 1,920 1,680
2-4856 9	Hanging Moss tributary near Tougaloo, Miss	NE¼ sec 11, T 6 N, R 1 E, Choctaw meridian, at bridge on U S Highway 51, 1 mile upstream from mouth and 1 3 miles southwest of Tougaloo	3 45	1952-65	5- 2-61 4-11-62 7- 8-63 5- 2-64 12-11-64	96 42 96 18 96 82 94 99 94 46	513 492 557 364 315
2-4857	Hanging Moss Creek at Jackson, Miss	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	16 0	1953-65	6-20-61 7-12-61 7- 8-63 3- 2-64 12-11-64	95 20 k 24 40 k 22 54 k 13 80 k 14 27	1,600 3,350 1,440 2,500 1,450
2-4858	Eubanks Creek at Jackson, Miss	NE¼NW¼ sec 26, T 6 N, R 1 E, Choctaw meridian, near right bank at downstream side of Wood Dale Drive bridge in Jackson, Miss, Hinds County, 1,600 ft upstream from U S Highway 51 and 1 3 miles upstream from mouth	5 20	1954-59m, 1960-65	5- 6-60 7-12-61 12-20-61 7- 8-63 3- 2-64 12-12-64	12 42 13 26 n 14 10 12 34 14 20 13 46 12 70	b 2,030 2,540 - 1,980 3,100 2,680 2,200
2-4859	Neely Creek near Brandon, Miss	SW¼ sec 2, T 5 N, R 2 E, at double 8- x 6-foot box culvert on New Airport Road, 5 4 miles west of Brandon	1 09	1965	10- 4-64	3 75	213
2-4860 5	Town Creek at Jackson, Miss	NW¼SW¼ sec 3, T 5 N, R 1 E, Choctaw meridian, at bridge on Gallatin St, in Jackson, 300 ft upstream from Illinois Central Railroad	11 3	1953-65	3-28-61 4-12-62 7- 8-63 3- 2-64 10- 4-64	11 03 13 24 11 80 12 47 14 02	2,080 2,920 2,370 2,620 3,260

CREST-STAGE PARTIAL-RECORD STATIONS

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Annual maximum discharge at crest-stage partial-record stations during water years 1961-65--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
Pearl River basin--Continued							
2-4861	Lynch Creek at Jackson, Miss	Sec 8, T 5 N, R 1 E, Choctaw meridian, at bridge on Valley St, in Jackson, 2,000 ft downstream from U S Highway 80 and 2 0 miles upstream from mouth	11 1	1955-58, 1959-65	6-20-61 4-12-62 7- 8-63 3- 2-64 10- 4-64	11 1 14 61 11 80 13 21 13 57	2,190 3,510 2,450 5,200 3,300
2-4866 9	Rhodes Creek near Terry, Miss	NE 1/4 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 1 1/2 miles north of Terry	20 9	1948-65	6-19-61 12-17-61 1-19-63 4-28-64 11-28-64	19 21 20 15 15 17 20 85 21 83	1,300 1,700 555 2,040 2,600
2-4873	Strong River near Puckett, Miss	NE 1/4 sec 26, T 3 N, R 5 E, Choctaw meridian, at bridge on State Highway 18, 2 miles southeast of Puckett	-	1958-65	2-22-61 12-18-61 3-13-63 4- 6-64 10- 4-64	26 35 22 41 21 04 25 53 24 93	15,500 4,200 5,300 9,300 8,700
2-4876	Dobbs Creek near Dlo, Miss	SW 1/4 sec 18, T 2 N, R 4 E, Choctaw meridian, at bridge on U S Highway 49, 2 5/8 miles northwest of Dlo	55 1	1948-65	2-22-61 12-18-61 3-13-63 3- 3-64 3-30-65	22 71 22 48 20 42 21 09 20 56	2,430 2,260 1,440 1,650 1,490
* 2-4876 2	Riles Creek near Mendenhall, Miss	NE 1/4 sec 17, T 1 N, R 4 E, Choctaw meridian, at bridge on State Highway 20 at Merit, 3 miles southwest of Mendenhall	25 3	1948-65	3-28-61 12-18-61 3-13-63 4-26-64 10- 4-64	21 90 19 33 17 38 17 87 20 35	4,290 2,260 1,140 1,390 3,000
2-4876 7	Boggans ditch near Mendenhall, Miss	NE 1/4 sec 33, T 1 N, R 4 E, Choctaw meridian, at culvert on State Highway 13, 5 1/2 miles south of Mendenhall. Prior to Oct 1, 1964, at datum 1 27 ft higher	94	1955-65	3-28-61 4-28-62 1-20-63 4-26-64 2-12-65	5 51 4 90 2 44 4 62 7 13	525 451 116 390 578
2-4876 9	Baking Powder Draw near Prentiss, Miss	SE 1/4 sec 14, T 10 N, R 19 W, St Stephens meridian, at culvert on State Highway 13, 4 9 miles north of Jefferson Davis-Simpson County line and 16 0 miles north of Prentiss. Prior to Oct 1, 1964, at datum 1 37 ft higher	84	1955-65	2-20-61 3-31-62 3-13-63 4-26-64 10- 5-64	4 13 2 45 85 2 56 3 91	315 118 - 125 -
2-4877 1	Barretts Branch near Pinola, Miss	NE 1/4 sec 36, T 1 N, R 2 E, Choctaw meridian, at culvert on State Highway 20, 5 miles west of Pinola. Prior to Oct 1, 1964, at datum 0 79 ft lower	c 91	1955, 1957-65	3-28-61 4- 1-62 1-20-63 4- 6-64 11-26-64	9 06 8 98 6 07 d 4 2 6 92	548 540 228 d 90 397
2-4877 5	Big Creek near Pinola, Miss	SW 1/4 sec 36, T 1 N, R 2 E, Choctaw meridian, 100 ft downstream from bridge on State Highway 20, 2 miles upstream from mouth, and 5 5 miles west of Pinola	44 0	1948-65	3-28-61 12-12-61 1-20-63 4-26-64 10- 4-64	24 79 24 11 20 13 23 24 25 20	2,980 2,360 799 1,760 3,430
2-4877 7	Bradleys ditch near Pinola, Miss	NW 1/4 sec 34, T 1 N, R 2 E, Choctaw meridian, at culvert on State Highway 20, 8 1/2 miles west of Pinola. Prior to Oct 1, 1964, at datum 1 09 ft higher	1 29	1955-65	3-28-61 3-31-62 1-20-63 3-15-64 11-26-64	4 85 6 54 4 40 3 91 7 29	262 459 215 170 419
* 2-4879	Copiah Creek near Hazlehurst, Miss	SE 1/4 sec 27, T 1 N, R 1 W, Choctaw meridian, at bridge on State Highway 20, three-quarters of a mile (revised) downstream from Little Copiah Creek and 6 1/2 miles east of Hazlehurst	47 5	1948-65	3-29-61 12-18-61 3-13-63 4- 6-64 10- 4-64	14 80 15 78 16 13 19 52 24 49	4,300 5,000 5,200 8,500 22,000
2-4883 4	Small Pine ditch near Monticello, Miss	SW 1/4 sec 25, T 7 N, R 9 E, Washington meridian, at culvert on U S Highway 84, 9 miles west of Monticello. Prior to Oct 1, 1964, at datum 0 84 ft higher	16	1955-65	3-28-61 12-18-61 1-20-63 4-26-64 12-11-64	6 89 4 75 3 59 4 90 4 52	245 121 58 199 63
2-4885 1	Roadside Park ditch near Monticello, Miss	SW 1/4 sec 18, T 7 N, R 12 E, St Stephens meridian, at culvert on U S Highway 84, 3 0 miles east of Monticello. Prior to Oct 1, 1964, at datum 0 86 ft higher	25	1955-65	3-28-61 11-14-61 1-20-63 4-26-64 12-11-64	5 31 3 66 2 80 4 66 4 69	217 107 60 170 116
2-4885 4	New Hebron Gulley at New Hebron, Miss	NW 1/4 sec 22, T 9 N, R 20 W, St Stephens meridian, at 16- x 10-foot box culvert on paved county highway, 0 9 mile west of New Hebron	2 50	1965	11-26-64	3 12	155
2-4885 5	Goines Draw near Prentiss, Miss	NE 1/4 sec 2, T 9 N, R 19 W, St Stephens meridian, at culvert on State Highway 13, 12 2 miles north of Prentiss	34	1955-65	2-20-61 12-18-61 1-19-63 4- 6-64 2-12-65	6 14 2 97 1 22 1 58 1 46	341 104 11 30 30
2-4886 8	Plum ditch near Prentiss, Miss	On line between NE 1/4 and SE 1/4 sec 7, T 7 N, R 19 W, St Stephens meridian, at culvert on U S Highway 84, 4 2 miles west of Prentiss	23	1955-64	3-29-61 7-10-62 1-20-63 4-26-64 2-12-65	5 25 4 57 2 40 4 42 4 43	105 73 6 68 70

Annual maximum discharge at crest-stage partial-record stations during water years 1961-65--Continued

Annual maximum discharge at various locations during period of record							
Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
Pearl River basin--Continued							
2-4890 3	Elmers Draw near Columbia, Miss	SE 1/4 sec 26, T 3 N, R 12 E, Washington meridian, at U S Highway 98, 5 7 miles west of Columbia. Prior to Oct 1, 1964, at datum 1 12 ft higher	0 91	1955-65	2-20-61 12-10-61 1-12-63 4-26-64 12-11-64	8 41 5 65 3 12 4 70 4 48	625 320 104 230 121
2-4891 6	Kokomo Draw at Kokomo, Miss	SW 1/4 sec 26, T 3 N, R 12 E, Washington meridian, at culvert on U S Highway 98 at Kokomo. Prior to Oct 1, 1964, at datum 1 20 ft higher	1 26	1955-65	2-20-61 12-10-61 1963 7- 3-64 12-11-64	5 58 5 87 2 98 3 51 4 35	664 721 210 286 212
* 2-4892	Tenmile Creek near Columbia, Miss	NE 1/4 sec 12, T 2 N, R 13 E, Washington meridian, at bridge on State Highway 35, 1 1/2 miles upstream from mouth and 9 miles south of Columbia	39 9	1952-61	2-22-61 4-28-62 1-12-63 3-15-64 10- 4-64	17 7 16 35 10 52 13 91 11 05	7,800 4,900 400 1,900 560
* 2-4894	Pushepatapa Creek at Varnado, La	Lat 30°52'50", long 89°49'50", at bridge 0 9 mile south of Varnado	158	1949-65	7-23-49 2-14-50 3-30-51 5-19-52 8-22-53 12- 6-53 4-13-55 2- 4-56 4- 1-57 5-19-58 2- 4-59 5- 6-60 2-22-61 11-13-61 1-24-63 3-22-64 12-12-64	p 42 04 44 89 44 01 (h) b<1,500 41 85 41 81 42 27 41 97 (h) b<1,200 39 42 39 12 43 15 49 14 47 71 39 23 42 97 47 57	b 4,500 b 7,900 b 6,800 b 1,500 b 4,350 b 4,300 b 4,700 b 4,490 b 1,900 b 1,450 b 5,700 55,700 30,600 1,580 5,520 28,400
2-4902 5	Bogue Chitto near Brookhaven, Miss	SW 1/4 sec 26, T 7 N, R 7 E, Washington meridian, at bridge on U S Highway 84, 2 1/2 miles southwest of Brookhaven	a 30	1952-65	3-28-61 12-18-61 1-20-63 4-27-64 10- 4-64	18 6 17 16 17 05 18 16 19 33	9,000 2,740 2,450 6,400 8,600
2-4903	Big Creek at Bogue Chitto, Miss	N 1/4 sec 36, T 6 N, R 7 E, Washington meridian, at bridge on U S Highway 51, half a mile north of Bogue Chitto	55 2	1952-65	3-29-61 12-18-61 1-20-63 4-27-64 10- 4-64	24 02 21 16 21 43 23 54 27 40	6,520 3,020 3,340 5,920 11,100
2-4905 5	Middle Fork Hickory Flat Creek near Tylertown, Miss	On line between secs 5 and 8, T 2 N, R 10 E, Washington meridian, at culvert on U S Highway 98, a quarter of a mile upstream from Fernwood, Columbia and Gulf Railroad and 5 1/2 miles northwest of Tylertown. Prior to Oct 1, 1964, at datum 10 95 ft lower	1 37	1953-65	3-29-61 4-28-62 12-29-62 3-14-64 10- 4-64	16 87 17 20 14 12 17 03 5 71	512 601 - 560 416
2-4907	Union Creek near Tylertown, Miss	SE 1/4 sec 6, T 2 N, R 11 E, Washington meridian, at bridge on State Highway 27, 3 1/2 miles north of Tylertown	12 6	1953-65	2-18-61 4-28-62 1-20-63 3-15-64 10- 4-64	16 38 16 93 13 88 13 88 15 19	2,130 3,130 272 377 980
* 2-4907 5	McGees Creek at Tylertown, Miss	N 1/4 sec 30, T 2 N, R 11 E, Washington meridian, at bridge on U S Highway 98, a quarter of a mile upstream from Fernwood, Columbia and Gulf Railroad at eastern city limits of Tylertown	130	1952-62	2-22-61 4-28-62 1-20-63 3-15-64 10- 4-64	26 5 25 09 13 50 20 91 20 14	12,300 9,300 645 4,200 5,640
2-4913	Jamieson Creek tributary near Franklinton, La	Lat 30°55'50", long 90°06'10", at culvert 6 4 miles north of Franklinton		1958-65	2-21-61 4-30-62 11-21-62 3- 2-64 12-12-64	18 35 18 61 16 68 18 07 17 34	- - - - -
c 2-4916	West Fork Burch Creek tributary near Franklinton, La	Lat 30°53'38", long 90°08'00", at culvert 4 2 miles north of Franklinton	064	1958-65	4- 9-58 7-27-59 8-22-60 2-21-61 4-30-62 11-21-62 4-27-64 8-20-65	p 15 19 18 54 15 39 16 60 16 85 15 50 16 39 16 71	b 4 7 b 30 b 7 6 32 38 9 5 27 34
* 2-4917	Lawrence Creek near Franklinton, La	Lat 30°51'40", long 90°06'55", at bridge 2 0 miles east of Franklinton	44 2	1964-65	3- 2-64 2-17-65	11 23 9 07	- -
2-4918	Bogue Chitto at Enon, La	Lat 30°43'10", long 90°05'00", at bridge 0 5 mile south of Enon	1,107	1949-63	2-23-61 4-30-62 1963	45 64 42 07 (h)	-

CREST-STAGE PARTIAL-RECORD STATIONS

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Annual maximum discharge at crest-stage partial-record stations during water years 1961-65--Continued

Annual maximum discharge at cross-gauge stations located at flood stations during water years 1951-65--Continued							
Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
Pearl River basin--Continued							
* 2-4922	Talisheek Creek at Talisheek, La	Lat 30°32'15", long 89°52'35", at bridge 0.4 mile northeast of Talisheek	17.3	1951-65	4-21-51 5-19-52 3-16-53 12- 6-53 4-15-55 6-13-56 9-17-57 3-10-58 6- 1-59 2- 4-60 4- 3-60 9-15-61 11-13-61 1-24-63 4-30-64 1-23-65	8.21 (h) 5.75 8.49 5.97 5.39 4.86 5.83 6.55 6.07 6.07 7.53 7.68 5.60 11.04 7.89	b 1,250 b <200 b 435 b 1,350 b 480 b 360 b 275 b 455 b 890 b 520 b 520 1,000 1,050 400 2,650 1,120
* 2-4923	East Hobolochitto Creek at Picayune, Miss	SW 1/4 sec 11, T 6 S, R 17 W, St Stephens meridian, at bridge on U S Highway 11, in Picayune	108	1957-62	2-18-61 12-21-61 1963 4-26-64 1-23-65	85.67 87.54 d 80.7 88.58 84.76	4,500 6,800 d 400 8,000 5,460

* Also a low-flow partial-record station

† Operated as a continuous-record gaging station

a Approximately

b Not previously published

c Revised

d Estimated

e May have been higher on Sept 28, 1963

f Includes 43.9 sq mi that do not contribute to direct surface runoff

g Including that of Blue and Mill Creek

h Peak discharge did not reach bottom of gage

i Backwater from Alabama River

j Based on U S Weather Bureau records 1.3 miles upstream

k Peaks prior to 1962 water year published at datum 73.56 ft lower

m At site 1,600 ft downstream at datum 0.74 ft lower

n Backwater from Pearl River

o At site 2,000 ft upstream

p Maximum observed

RECORDS AVAILABLE ON LAKES IN FLORIDA

Records of the water-surface elevation of many of the lakes in Florida have been collected by the Geological Survey under cooperative agreements with the Corps of Engineers and State, county, and municipal agencies. The completeness of these records varies from daily figures based on continuous-recorder graphs (or daily observations) to occasional figures based on observations every few days or weeks. The maximum and minimum elevations for each year are usually determined for each lake. Lake records are available in the files of the district office of the Geological Survey in Tallahassee, Fla.

Lakes in Florida for which gage-height records are available				
Station Number	Name	County	Surface Area	Records Available
2-3575	Lake Seminole at Chattahoochee	Jackson	58 6	1954-65
2-3591	Dead Lake near Wewahitchka	Gulf	5 72	1965
2-3596 14	Gap Lake near Greenhead	Washington	81	1962-65
2-3596 18	Porter Lake near Greenhead	Washington	1 45	1961-65
2-3596 25	Still Pond near Greenhead	Washington	10	1962-65
2-3596 3	Hammock Lake near Greenhead	Washington	46	1962-65
2-3596 35	Clarks Hole (Hamlin Pond) near Greenhead	Washington	25	1962-65
2-3596 4	Wages Pond near Greenhead	Washington	16	1962-65
2-3596 45	Gully Lake near Greenhead	Washington	27	1961-65
2-3596 6	Deer Point Lake near Panama City	Bay	7 34	1961-65
2-3596 7	Merial Lake near Greenhead	Bay	35	1962-64

RECORDS AVAILABLE ON GAGE HEIGHTS OF STREAMS IN FLORIDA

Records of gage heights on streams in Florida have been collected by the Geological Survey in cooperation with other agencies at many sites other than those for which daily discharge has been computed and published, but generally such records are not published in Water-Supply Papers. Gage-height records are available in the files of the district office of the Geological Survey in Tallahassee, Fla.

Streams in Florida for which gage-height records are available				
Station Number	Name	County	Surface Area	Records Available
2-3593 2	North Bay at Lynn Haven	Bay	-	1962-64
2-3596 2	Black Slough near Greenhead	Washington	-	1962-64

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