

# Statistical Summaries of Surface-Water Hydrologic Data Collected in the Suwannee River Water Management District, Florida, 1906-93

By M.A. Franklin, G.L. Giese, and P.R. Mixson

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CONVERSION FACTORS, VERTICAL DATUM, AND ABBREVIATIONS

Multiply	By	To obtain
<b>Length</b>		
inch (in.)	25.4	millimeter (mm)
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
<b>Area</b>		
acre	4,047	square meter (m <sup>2</sup> )
acre	0.4047	square hectometer (hm <sup>2</sup> )
acre	0.004047	square kilometer (km <sup>2</sup> )
square mile (mi <sup>2</sup> )	2.590	square kilometer (km <sup>2</sup> )
<b>Volume</b>		
gallon (gal)	3.785	liter (L)
gallon (gal)	0.003785	cubic meter (m <sup>3</sup> )
gallon (gal)	3.785	cubic decimeter (dm <sup>3</sup> )
million gallons (Mgal)	3,785	cubic meter (m <sup>3</sup> )
cubic foot (ft <sup>3</sup> )	28.32	cubic decimeter (dm <sup>3</sup> )
cubic foot (ft <sup>3</sup> )	0.028317	cubic meter (m <sup>3</sup> )
acre-foot (acre-ft)	1,233	cubic meter (m <sup>3</sup> )
acre-foot (acre-ft)	0.001233	cubic hectometer (hm <sup>3</sup> )
<b>Flow</b>		
cubic foot per second (ft <sup>3</sup> /s)	0.02832	cubic meter per second (m <sup>3</sup> /s)
gallon per minute (gal/min)	0.06309	liter per second (L/s)
million gallons per day (Mgal/d)	0.04381	cubic meter per second (m <sup>3</sup> /s)
<b>Mass</b>		
ton, short	0.9072	megagram (Mg)

**Sea level:** In this report "sea level" or "mean sea level" refers to the National Geodetic Vertical Datum of 1929--a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.

## GLOSSARY

Terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. Refer to the chart for converting English units to International System (SI) Units on page IV of this report.

**Acre-foot** (ac-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

**Annual 7-day minimum** is the lowest mean discharge for 7 consecutive days for a calendar year or a water year. Note that most low-flow frequency analyses of annual 7-day minimum flows use a climatic year (April 1 - March 31). The date shown in the summary statistics table is the initial date of the 7-day period. (This value should not be confused with the 7-day 10-year low-flow statistic.)

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

**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.

**Control structure** as used in this report is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of salt water.

**Cubic feet per second** ( $\text{ft}^3/\text{s}$ ) 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 or 0.02832 cubic meters per second.

**Cubic-feet-per-second day** (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, approximately 1.9835 acre-feet, about 646,000 gallons, or 2,445 cubic meters.

**Cubic feet per second per square mile** (cfs/mi) is the number of cubic feet of water flowing per second divided by the drainage area in square miles.

**Discharge** is the volume of water (or more broadly, volume of fluid plus suspended sediment) that passes a given point within a given period of time.

**Drainage area** of a stream at 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 stream above the specified point. Figures of drainage area given herein include all closed basins, or noncontributing areas, within the area unless otherwise specified.

**Drainage basin** is a part of the surface of the earth that is occupied by a drainage system, which consists of a surface stream or a body of impounded surface water together with all tributary surface streams and bodies of impounded surface water.

**Elevation**, in this report, refers to the distance above or below the National Geodetic Vertical Datum of 1929 (NGVD of 1929).

**Gage height** (G.H.) is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

**Gaging station** is a particular site on a stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained.

**Hydrologic unit** is a geographic area representing part or all of a surface drainage basin or distinct hydrologic feature as delineated by the Office of Water Data Coordination on the State Hydrologic Unit Maps; each hydrologic unit is identified by an eight-digit number.

**Instantaneous discharge** is the discharge at a particular instant of time.

**Mean discharge** is the arithmetic mean of individual daily mean discharges during a specific period.

**National Geodetic Vertical Datum** of 1929 (NGVD of 1929) is a geodetic datum derived from a general adjustment of the first order level nets of both the United States and Canada. It was formerly called “Sea Level Datum of 1929” or “mean sea level” in this series of reports. Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place.

**Partial-record station** is a particular site where limited streamflow and/or water-quality data are collected systematically over a period of years for use in hydrologic analyses.

**Recurrence interval** is the average time interval between occurrences of a hydrological event of a given or greater magnitude, usually expressed in years. May also be called return period.

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

**Stage-discharge relation** is the relation between gage height (stage) and volume of water per unit of time (discharge) flowing in a channel.

**Streamflow** is the discharge that occurs in a natural channel. Although the term “discharge” can be applied to the flow of a canal, the word “streamflow” uniquely describes the discharge in a surface stream course. The term “streamflow” is more general than “runoff” as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

**Surface area of a lake** is that area outlined on the most recent USGS topographic map as the boundary of the lake and measured by a planimeter in acres. In localities not covered by topographic maps, the areas are computed from the best maps available at the time planimetered. All areas shown are those for the stage when the planimetered map was made.

**Water year** in USGS reports dealing with surface-water supply is the 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ending September 30, 1993, is called the “1993 water year.”

**7-day 10-year low flow** (7 Q10) is the discharge at the 10-year recurrence interval taken from a frequency curve of annual values of the lowest mean discharge for 7 consecutive days (the 7-day low flow). The average runoff is also known as *basin yield*.

# STREAM AND LAKE STATIONS FOR WHICH STATISTICS ARE INCLUDED IN THIS REPORT

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# Statistical Summaries of Surface-Water Hydrologic Data Collected in the Suwannee River Water Management District, Florida, 1906-93

By M.A. Franklin, G.L. Giese, and P.R. Mixson

## INTRODUCTION

Since 1906, hydrologic data have been collected systematically on streams and lakes in the Suwannee River Water Management District (SRWMD) by the U.S. Geological Survey (USGS), the SRWMD, and other agencies. Records of stream discharge and stream and lake stage in the SRWMD (fig. 1), collected largely in cooperation with the SRWMD since 1975, have been published for many years in the USGS annual report series "Water Resources Data for Florida."

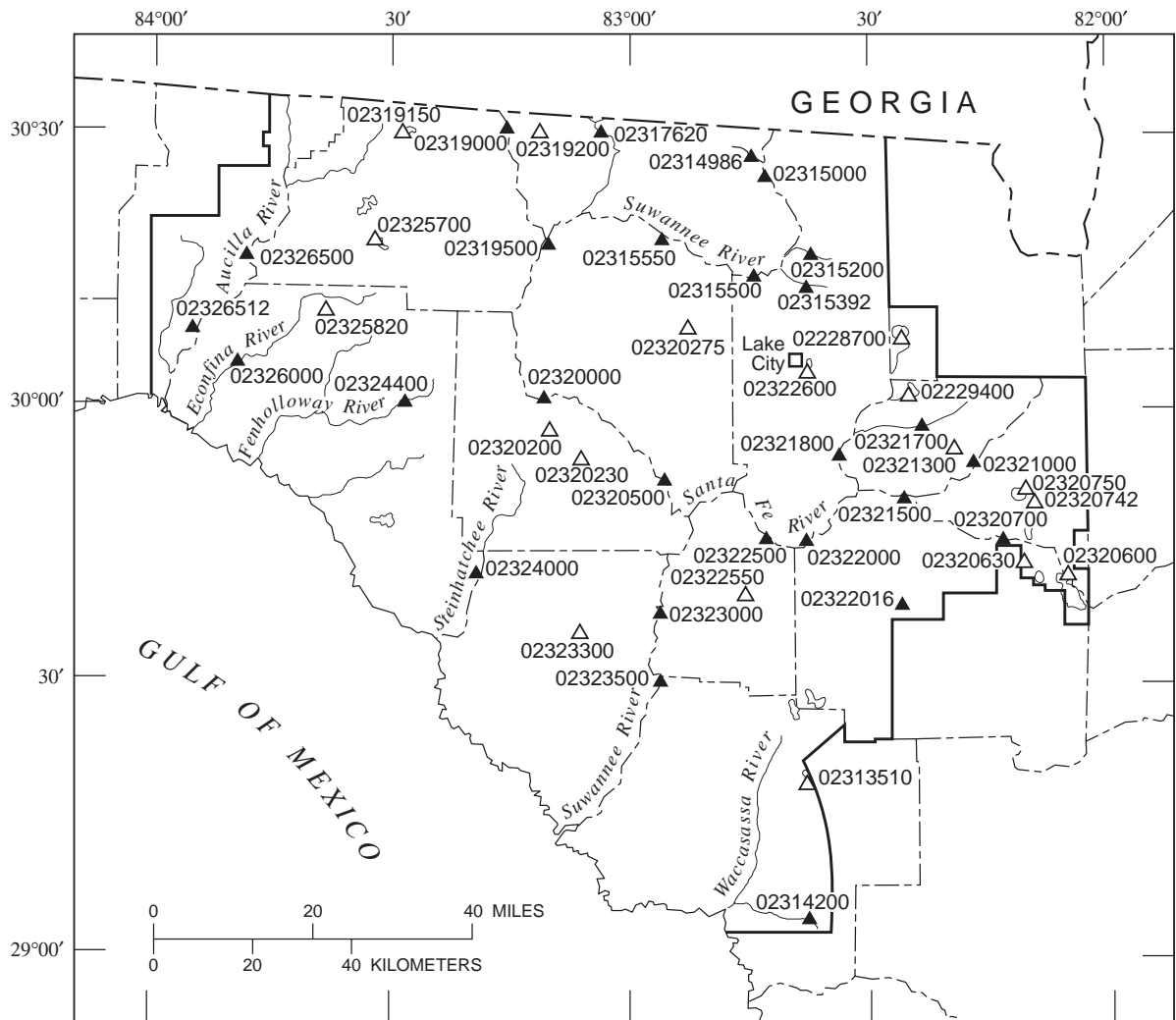
Streamflow and stream and lake elevation statistics are given in this report for sites shown in figure 1. All 27 daily streamflow stations shown are (or were) operated by the USGS in cooperation with the SRWMD; all 18 lake stage stations shown are now (1994) operated by the SRWMD, but were operated until the late 1970's by the USGS in cooperation with the SRWMD. All unregulated stream stations which have three or more years of continuous record are included in this report. All unregulated lake stations having at least three years of intermittent lake elevation readings are also included. There are many other sites in the SRWMD for which shorter records or miscellaneous measurements are available but are not included because statistical summaries for such stations require interpretive analysis beyond the scope of this report.

Basic hydrologic data have long been recognized as fundamental to the analysis of magnitude and frequency of floods, availability of water supplies, potential for reservoir storage, and permitting of waste discharges. Also, in recent times, scientists and water managers have become more aware of the complex relations between flows and water levels and the terrestrial and aquatic plant and

animal life in wetland ecosystems. In 1994, the SRWMD and the USGS began a long-term program of cooperative studies designed to better understand minimum and maximum flow and water levels needed to manage the surface and ground water resources of the District and maintain or improve the various ecosystems therein. Information presented in this report, together with frequency analysis of station data, flow regionalization, studies of the relation of salinity to flow in the lower Suwannee River, definition of ground-water surface-water interactions, surface- and ground-water quality studies, and studies of interaction between surface-water bodies and wetlands, will provide the basis for the SRWMD to establish minimum flow and level requirements for streams and lakes in the SRWMD area.

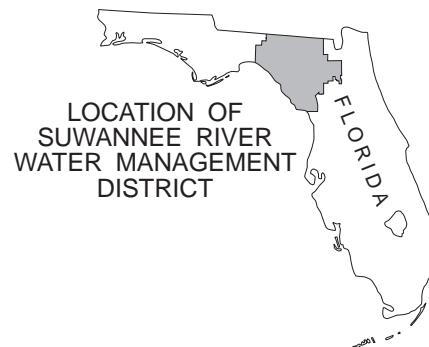
This report is a necessary first step in the long-term program of study because it contains basic stream discharge and stream and lake elevation statistics, most of which are not contained in the annual report "Water Resources Data for Florida." These statistics, most of which were generated using a U.S. Geological Survey computer program, ADAPS, Automatic Data Processing System, characterize normal flows and levels and departures from normal due to floods and droughts or seasonal climatic variations. Specifically, the report presents for the period of record of each stream or lake gaging station, as appropriate:

- Minimum, maximum, and mean of monthly mean stream elevations and discharges in graphical and tabular form.
- For streams, annual mean discharge, highest and lowest annual mean discharge, highest and lowest daily mean discharge, minimum annual seven-day mean discharge, instantaneous peak discharge and elevation, instantaneous minimum discharge, and basin yield.



### EXPLANATION

- SUWANNEE RIVER WATER MANAGEMENT DISTRICT BOUNDARY
- ▲ 02314200 STREAM GAGING STATION—And number
- △ 02313510 LAKE GAGING STATION—And number



**Figure 1.** Map showing location of Suwannee River Water Management district and location of stream and lake gaging stations.

- Duration of annual daily mean stream elevation and discharge. Duration of daily values are shown in both graphical and tabular form.
- Duration of daily mean stream elevations and discharge, by months, in tables.
- Minimum and maximum 1-,3-,7-,14-,30-, 60-, 90-,120-, and 183-consecutive day stream elevations and discharges (with rankings) for each year of record.
- Mean monthly lake elevations and statistics by month, including number of monthly values, mean, variance, standard deviation, skewness, and coefficient of variation.

For convenience, a GLOSSARY of commonly used terms related to the collection and reporting of surface-water elevations and discharge is included before the Introduction section of this report.

The authors wish to acknowledge Natalie Rackley, formerly of the U.S. Geological Survey, and T.W. Grubbs, U.S. Geological Survey, for their computer assistance in the compilation of station records, and Jim Tomberlin, U.S. Geological Survey, for the mapping of stream and lake gaging stations.

## **DESCRIPTION OF STREAM AND LAKE STATISTICS**

The following sections describe the summary statistics presented in the various graphs and tables given for each station later in this report. A running head for each station contains the name of the major basin in the SRWMD within which the station is located, the station name, and a unique downstream order identification number for the station. Streamflow stations are listed first, then lake elevation stations, each in downstream order.

The downstream ordering system has been in effect since October 1, 1950, for USGS reports. The order of listing of hydrologic-station records in this report is in a downstream direction along the main stream. All stations on a tributary entering upstream from a mainstream station are listed before that station. A station on a tributary that enters between two mainstream 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 with respect to the stream to which it is immediately tributary is indicated by an indentation in the "List of Stations..." in the front of this report. Each indentation represents one rank. This downstream order and system of indentation indicates which stations are on tributaries between any two stations and the rank of the tributaries. Gaps in the series of numbers allow for new stations that may be established; hence, the numbers are not consecutive.

The complete number for each station, such as 02314200, which is left of the station name, includes the two-digit Part number "02" plus the 6 to 13 digit downstream-order number "314200". The part number refers to an area whose boundaries coincide with natural drainage lines; for example, Part "02" is the South Atlantic Slope and eastern Gulf of Mexico basin.

Immediately following the heading is the station manuscript which provides, under various subheadings the following information, as appropriate, for each station:

**LOCATION.**--Information on locations is obtained from the most accurate maps available. Coordinates of each station are given in terms of latitude and longitude and also in terms of township, range, and quadrant.

**DRAINAGE AREA.**--Drainage areas are measured using the most accurate maps available. Because the type of maps varies from one drainage basin to another, the accuracy of drainage areas likewise varies. Drainage areas are updated as revised maps become available.

**PERIOD OF RECORD.**--This indicates the period for which records have been collected for the station or for an equivalent station. An equivalent station is one that was in operation at a time when the present station was not in operation. Also, the location of the equivalent station was such that flow can reasonably be considered equivalent to flow at the present station.

**REVISED RECORDS.**--Published records, because of new information, occasionally are incorrect, and revisions are printed in later reports. Listed under this heading are all the reports in which revisions have been published for the station and the water years to which the revisions apply. If a revision did not include daily, monthly, or annual figures of discharge, that fact is noted 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 most recently revised figure was first published is cited.

**GAGE.**--The type of gage in current use, the datum of the current gage referred to National Geodetic Vertical Datum of 1929 (NGVD of 1929; see glossary), and a condensed history of the types, locations, and datums of previous gages are given under this heading. The terms "NGVD of 1929" and "mean sea level" (MSL) are used interchangeably in this report.

**REMARKS.**--This paragraph is used to present information relative to the accuracy of the records, to special methods of computation, and to conditions that affect natural flow at the station. In addition, information may be presented pertaining to average

discharge data for the period of record; to extremes data for the period of record; and, possibly, to other pertinent items. For reservoir stations, information is given on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir. Regarding accuracy of the records, "excellent" means that about 95 percent of daily discharges are thought to be within 5 percent of their true values, "good" within 10 percent, and "fair" within 15 percent. Records that do not meet these criteria are rated poor.

**AVERAGE DISCHARGE.**-- The average discharge for the indicated water years. A water year in USGS reports dealing with surface-water supply is the 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ending September 30 1994, is called the "1994 water year." The water year was so chosen because major floods seldom occur during September and October; thus it is unlikely that statistics on a flood (for example, flood volumes) will be distorted by ending the year at this time.

**COOPERATION.**--Records provided by a cooperating organization or obtained for the Geological Survey by a cooperating organization are identified here.

**EXTREMES FOR PERIOD OF RECORD.**-- For lake stations, the extremes of record are shown here. For stream stations, extremes are shown in a table outside the station manuscript.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Included here is information concerning major floods or unusually low flows that occurred outside the stated period of record. The information may or may not have been obtained by the USGS.

### **Graphs Showing Maximum, Minimum, and Mean of Monthly Mean Stream Elevations**

These graphs present summary statistics for monthly mean stream elevations for the period of record. Elevation, in this report, refers to the distance above or below the NGVD of 1929, otherwise referred to as mean sea level. These monthly statistics were derived from daily-mean values of continuously-recorded gage heights, which were converted to elevations by tying arbitrary gage datums to NGVD of 1929. The graphs show the maximum, minimum, and mean of the monthly mean stream elevations for the period of record for each month. This type of graph is

used to show both the seasonal variations in elevations and extremes which have been encountered during the period of record. The relation of current conditions to long-term conditions is evident from such a record, and may be of importance where stream levels affect local aquatic and terrestrial plant and animal life, and in water supply.

### **Duration Curves of Daily Mean Stream Elevations**

These curves show the percentage of time indicated values of daily mean stream elevation were equaled or exceeded for the period of record. For example, if an elevation of 22 ft above mean sea level corresponds to a value of 30 for the percent of time the indicated value is equaled or exceeded, this means that a daily mean elevation of 22 ft was equaled or exceeded 30 percent of all the days of record. Flow (and elevation) duration curves are often used to obtain a general idea of flow and storage characteristics of a basin. Searcy (1959, p. 22) notes:

"A curve with a steep slope throughout denotes a highly variable stream whose flow is largely from direct runoff, whereas a curve with a flat slope reveals the presence of surface- or ground-water storage, which tends to equalize the flow. The slope of the lower end of the duration curve shows the characteristics of the perennial storage in the drainage basin; a flat slope at the lower end indicates a large amount of storage, and a steep slope indicates a negligible amount. Streams whose high flows come largely from snowmelt tend to have a flat slope at the upper end. The same is true for streams with large floodplain storage or those that drain swamp areas."

An elevation duration curve may also be used to estimate the percentage of time a floodplain is flooded or an area normally inundated (such as a spawning bed) is dry. The elevation duration curve can also be used to estimate the percentage of time a navigation channel is at or above a specified depth. An important limitation of duration curves is that no information is provided as to whether the daily elevation or flow values are consecutive or widely scattered in time. This information may be of importance in many applications.

### **Summary Statistics for Stream Stations**

These tables present various summary statistics and extremes by water year for each stream station as follows:

**ANNUAL MEAN.**--The arithmetic mean of the individual daily mean discharges for the year noted or for the designated period. At some stations, the yearly mean discharge is adjusted for reservoir storage or diversion. The adjusted figures are identified by a symbol and corresponding footnotes.

**HIGHEST ANNUAL MEAN.**--The maximum annual mean discharge occurring for the designated period.

**LOWEST ANNUAL MEAN.**--The minimum annual mean discharge occurring for the designated period.

**HIGHEST DAILY MEAN.**--The maximum daily mean discharge for the year or for the designated period.

**LOWEST DAILY MEAN.**--The minimum daily mean discharge for the designated period.

**ANNUAL 7-DAY MINIMUM.**--The lowest mean discharge for 7 consecutive days for a calendar year or a water year. Most low-flow frequency analyses of annual 7-day minimum flows use a climatic year (April 1-March 31). The date shown in the summary statistics table is the initial date of the 7-day period. (This value should not be confused with the 7-day 10-year low-flow statistic.)

**INSTANTANEOUS PEAK FLOW.**--The maximum instantaneous discharge occurring for the designated period. Secondary instantaneous peak discharges above a selected base discharge are stored in USGS District computer files for stations meeting certain criteria. Those discharge values may be obtained by writing to the USGS District Office in Florida. (See address on page preceding "CONTENTS"..)

**INSTANTANEOUS PEAK STAGE.**--The maximum instantaneous stage occurring for the water year or for the designated period. If the dates of occurrence for the instantaneous peak flow and instantaneous peak stage differ, the REMARKS paragraph in the manuscript or a footnote is used to provide further information.

**INSTANTANEOUS LOW FLOW.**--The minimum instantaneous discharge occurring for the designated period.

**ANNUAL RUNOFF.**--Indicates the total quantity of water in runoff for a drainage area for the year. The value shown in inches indicates the depth to which the drainage area would be covered if all the runoff for a specified period were uniformly distributed. The value shown in 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 the runoff is distributed uniformly in time and area.

### **Graphs Showing Maximum, Minimum, and Mean of the Monthly Mean Stream Discharges**

The graphs for stream *discharge* are similar to the graphs for stream *elevation*, and roughly follow the same trends as stream elevation. That is, months of high and low mean stream elevations will tend to coincide with months of high and low mean stream discharge. However, elevations and discharges are not linearly related due to the curvilinear nature of the relation between elevation and discharge. Whereas knowledge of stream elevations is critical where flooding and drying are issues, knowledge of discharge is critical in issues involving instream flow requirements, water supply, and point discharge permits. These type of discharge graphs are also used to compare with current conditions, especially in tracking the progress of droughts. They are more useful than the elevation graphs in this regard because the discharge at a station is an integrator of flow conditions throughout the drainage basin upstream from the station, whereas the value of stream elevation is much more local to the station.

### **Duration Curves of Daily Mean Stream Discharges**

These curves show the percentage of time that indicated values of daily mean stream discharge were equaled or exceeded for the period of record. For example, if a discharge of 22 cubic feet per second corresponds to a value of 30 for the percent of time the indicated value is equaled or exceeded, this means that a daily mean discharge of 22 cubic feet per second was equaled or exceeded 30 percent of all the days of record. As in the case of graphs showing maximum, minimum, and mean of the monthly mean elevations and discharges, duration curves of daily mean discharge can follow the same patterns as those for elevation. The same caveats apply regarding the curvilinear relation between discharge and elevation and the greater usefulness of discharge over elevation when evaluating conditions in the entire drainage basin. Comments made in the section on duration of stream elevation regarding the relation of shape of the duration curve to basin storage characteristics and flow variability are even more applicable to discharge than to elevation.

### **Tables Showing Maximum, Minimum, and Mean of the Mean Monthly Stream Elevations and Discharges**

These tables list the same information previously shown in graphical form. The data are repeated in tabular form for convenience in reading numerical values. An explanation of the usefulness of these statistics is presented in the previous section.

### **Tables Showing Duration of Daily Mean Stream Elevations and Discharges**

These tables contain information similar to that contained in the duration curves of daily mean stream elevation and discharge. Information in the column headed ANNUAL is identical to that shown before and it contains duration of elevation or discharge based on all the days of every year of record. These data are presented in tabular form for convenience in reading particular values. The columns of monthly data contain duration values based on all the days of a particular month for the period of record. Because stream elevation and discharge exhibit seasonality, it is often more meaningful to consider duration of elevation or discharge by month. During a typically wet month, a daily discharge could be exceeded only a small percentage of the time, for example, 20 percent of the days, considering all the days of all the months of record. However, considering only all the days of all the Julys of record, it may be exceeded just 50 percent of the days.

The variability of elevation and discharge on a monthly basis is much less than on an annual basis. An explanation of the usefulness of duration data is presented in the previous section.

### **Tables Showing Lowest and Highest Mean Stream Elevations and Discharges for Various Consecutive-Day Periods**

These tables show the lowest and highest mean stream elevations and discharges for various consecutive-day periods and rankings for each *climatic* year of record (in the case of lowest values) and each *water* year (in the case of highest values). A climatic year begins April 1 and ends March 31. For example, the 1993 climatic year begins April 1, 1993, and ends March 31, 1994. The climatic year is used because lowest stream elevations and discharges typically occur in months other than March and April

in much of the United States (including Florida). The use of the climatic year for lowest consecutive-day values lessens the chance that a lowest consecutive-day period will be interrupted by the end of the annual computation period. The term *water year* is as previously defined. The water year was used as the annual computation period for maximum values because highest elevations and flows seldom occur in September and October. This minimizes the possibility that a yearly highest consecutive-day period will be interrupted by the end of the annual computation period.

The identification of climatic years in the tables of lowest mean discharge is not made directly. Instead, it is made in terms of the water years in which the climatic year nests. For example, the lowest 7-consecutive-day elevation occurring in the water-year range designated 1976-1977 includes the period of time April 1976 through March 1977.

This report does not assign frequency of occurrence to the annual consecutive-day elevations and discharges. This procedure would involve some interpretive analysis which is beyond the scope of this report. However, the rankings for the annual lowest and highest values for the period of record give some indication of the rarity of the extreme values. The highest annual value of a particular consecutive-day elevation or discharge for the period of record would receive a rank of 1, the next highest, a rank of 2, and so forth. Similarly, the lowest annual value of elevation or discharge for the period of record would receive a rank of 1, the next lowest a rank of 2, and so forth.

Consecutive-day lowest flows have been used in some states as criteria for waste-discharge applications. For example, the North Carolina Department of Environment, Health, and Natural Resources (DEHNR) utilizes the low flow 7Q10, which is the annual minimum 7-consecutive day discharge which would have a 10 percent probability of occurring in any one year (Giese and Mason, 1993). The North Carolina DEHNR also uses the low flow 7Q2, the annual minimum consecutive-day discharge which has a 50 percent probability of occurring in any one year, in draft-storage-frequency analysis for water-supply reservoirs (Arteaga and Hubbard, 1975).

Highest consecutive-day discharges are descriptive of flood volumes and have implications in the design of reservoirs for storage of flood waters. Highest consecutive-day elevations are indicative of length of time of local flood inundation and may be of consequence to terrestrial and aquatic plant and animal species.

Consecutive-day periods of longer than 90 days may lack meaning for many applications and should be used with circumspection. For example, a 183 consecutive-day highest discharge may actually include many days of average or even below-average discharge.

For some stations, several years of lowest and highest consecutive-day mean elevations will not be printed, while lowest and highest consecutive-day discharges will be printed for those same years because ADAPS discards the year if there is any missing record. In the annual processing of hydrographic records, missing days of daily discharge are estimated, but missing days of elevation are not; hence, the discrepancy.

### Monthly Mean Lake Elevations

Tables showing monthly normal lake elevations for each month of record are given for each lake station. Although the normal monthly means are in fact mean values of the readings for each month, for most months only a single reading was taken from a nonrecording gage. Hence, the term *normal* was used rather than *mean* to avoid implying that many (or continuous) observations were available for each month. However, lake elevations usually change so slowly that a single monthly reading is sufficient in most situations to adequately characterize lake elevations. Standard statistics which characterize the distribution of normal lake elevations for each month are also given for each lake station, including number of monthly values, mean of the monthly values (Mean), variance (Var), standard deviation (Std), skewness (Slew), and coefficient of variation (Cvar). Duration of daily elevation and consecutive-day elevation data were not available because readings were only taken once a month in most cases; therefore, these analysis were omitted.

Information on lake elevations is important for water supply, recreation, evaluation of the potential for flooding, and has implications for the health of the lake ecosystem.

### Significant Figures and Rounding Limits

Many of the values shown in the tables at the back of this report are computer generated by ADAPS and are unrounded. Nevertheless, the following significant figure and rounding criteria should be applied in actual use. These criteria are based not on the accuracy of the values, but solely on their magnitude.

For daily discharge:

Range of discharge (cubic feet per second)	Significant figures	Rounding limits
<0.10	1	hundredths
0.10 - 0.99	2	hundredths
1.0 - 9.9	2	tenths
10 - 99	2	units
≥ 100	3	variable

For monthly and yearly means and average discharge:

Range of discharge (cubic feet per second)	Significant figures	Rounding limits
<0.01	1	thousandths
0.010 - 0.099	2	thousandths
0.1.0 - 0.99	2	hundredths
1.00 - 9.99	3	hundredths
10.0 - 99.9	3	tenths
100 - 999	3	units
≥ 1,000	4	variable

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**STATISTICAL SUMMARIES OF HYDROLOGIC DATA  
FOR STREAMS**

WACCASASSA RIVER BASIN  
02314200 TENMILE CREEK AT LEBANON STATION, FL

LOCATION.--Lat 29°09'39", long 82°38'21", in SE<sup>1</sup>/<sub>4</sub> sec.24, T.15 S., R.16 E., Levy County, Hydrologic Unit 03110101, near center of span on downstream side of bridge on U.S. Highways 19 and 98, just downstream from North Prong Tenmile Creek, 0.2 mi south of Lebanon Station, 9.4 mi upstream from mouth, and 13 mi northwest of Dunnellon.

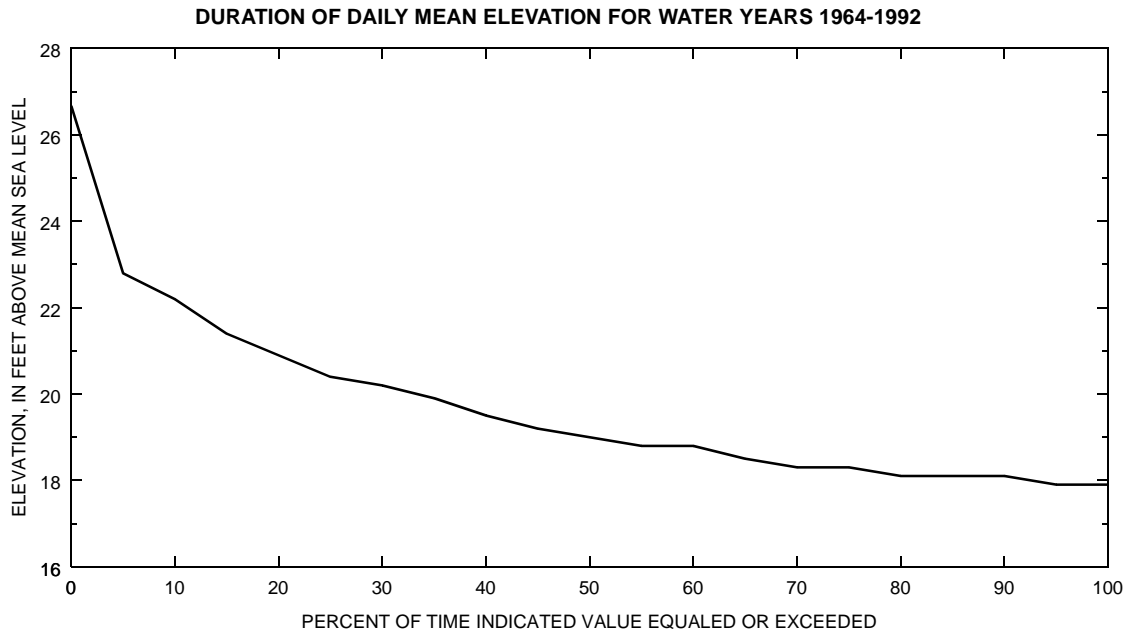
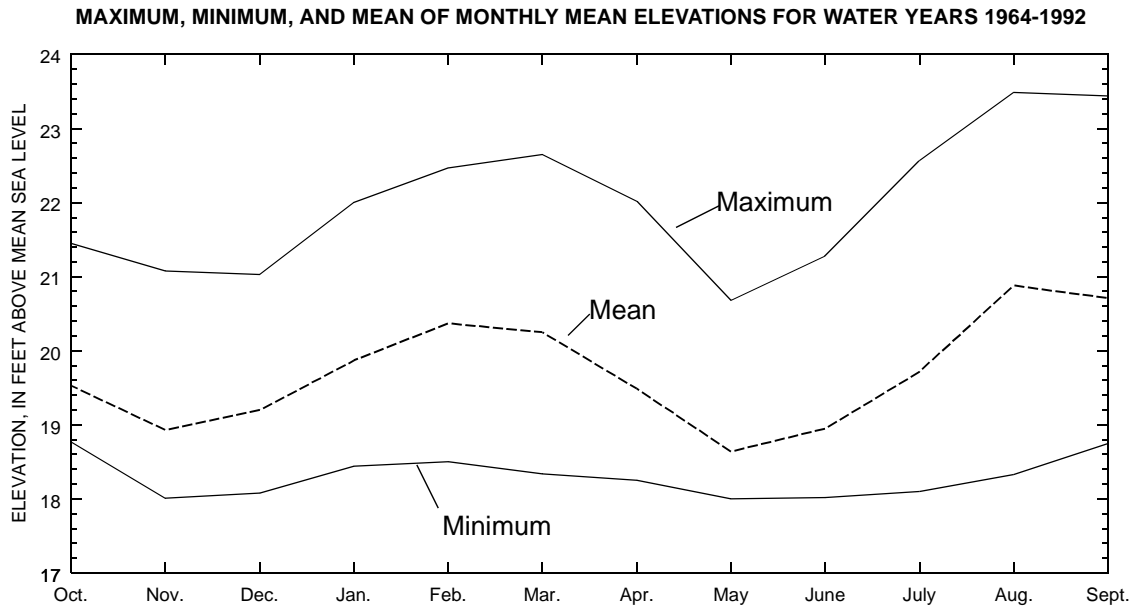
DRAINAGE AREA.--26 mi<sup>2</sup>, approximately; 34 mi<sup>2</sup>, approximately, includes that of Horse Hole Creek.

PERIOD OF RECORD.--October 1963 to September 1992.

GAGE.--Water-stage recorder. Datum of gage is 15.00 ft above National Geodetic Vertical Datum of 1929. Since Feb. 26,1964, nonrecording gage at Horse Hole Creek. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Records poor. Records do not include considerable amount of water diverted naturally above station into Horse Hole Creek basin. Discharge measurements of Horse Hole Creek, drainage area 8.1 mi<sup>2</sup>, approximately, are made at bridge on U.S. Highways 19 and 98, 1.9 mi south of Tenmile Creek station.

EXTREMES FOR PERIOD OF RECORD (Horse Hole Creek-02314205).--Maximum discharge measured, 1,270 ft<sup>3</sup>/s Sept. 11, 1964, elevation, 26.56 ft above NGVD; creek dry at times most years.

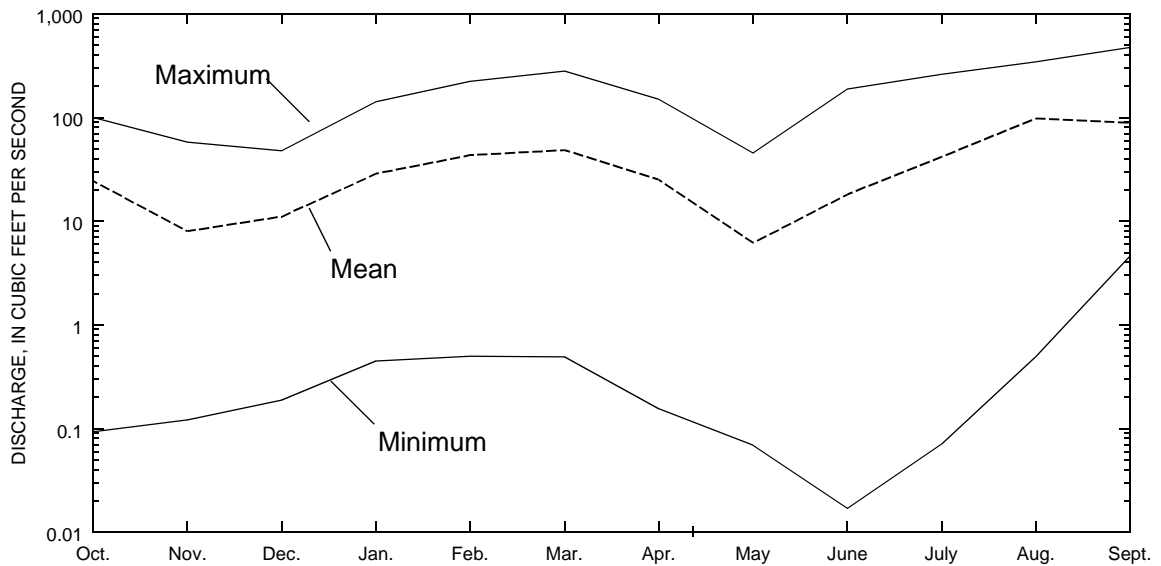


WACCASASSA RIVER BASIN  
02314200 TENMILE CREEK AT LEBANON STATION, FL--Continued

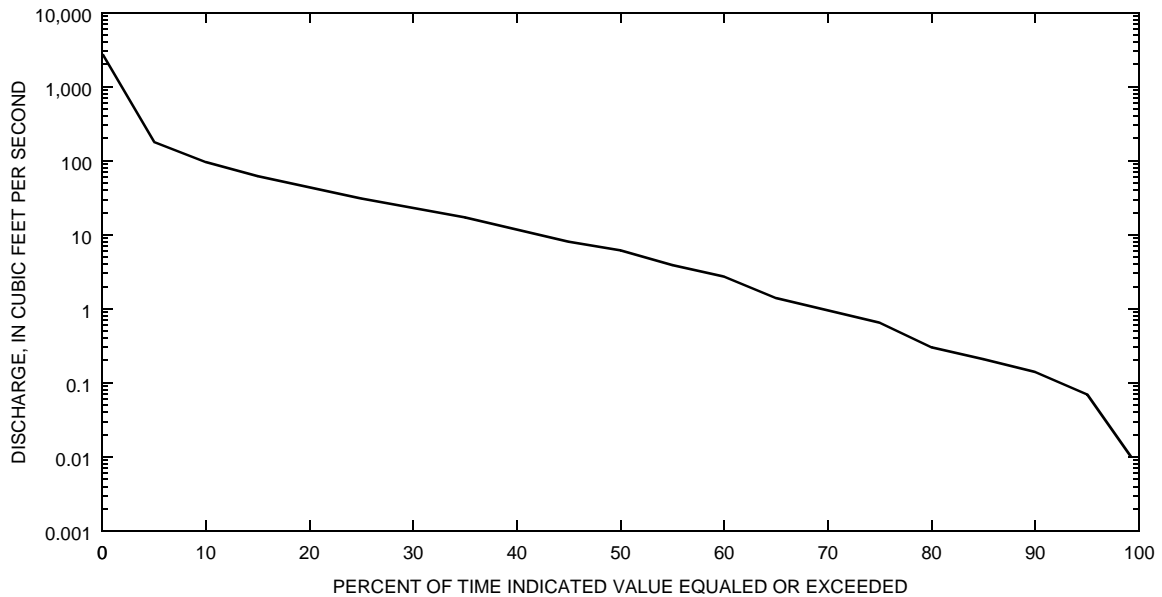
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
FOR WATER YEARS 1964 - 1992**

ANNUAL MEAN	36.8	
HIGHEST ANNUAL MEAN	113	1964
LOWEST ANNUAL MEAN	5.89	1981
HIGHEST DAILY MEAN	3440	Sep 11 1964
LOWEST DAILY MEAN	.00	Oct 22 1963
ANNUAL SEVEN-DAY MINIMUM	.00	May 29 1964
INSTANTANEOUS PEAK FLOW	4290	Sep 11 1964
INSTANTANEOUS PEAK ELEVATION (FT)	27.38	Sep 11 1964
INSTANTANEOUS LOW FLOW	.00	Oct 22 1963
ANNUAL RUNOFF (INCHES)	19.21	
ANNUAL RUNOFF (CFSM)	1.42	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1964-1992**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1964-1992**



WACCASASSA RIVER BASIN  
02314200 TENMILE CREEK AT LEBANON STATION, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1964-1992**

MONTH	ELEVATION FEET ABOVE SEA LEVEL			DISCHARGE CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	21.44	18.77	19.53	98.6	.093	24.33
NOVEMBER	21.07	18.01	18.93	57.1	.121	7.99
DECEMBER	21.02	18.08	19.20	47.0	.188	11.07
JANUARY	21.99	18.44	19.87	139.4	.448	28.71
FEBRUARY	22.46	18.50	20.37	219.6	.498	43.30
MARCH	22.64	18.34	20.25	276.8	.490	48.36
APRIL	22.01	18.25	19.49	148.1	.155	25.13
MAY	20.67	18.00	18.64	44.9	.069	6.18
JUNE	21.27	18.02	18.95	185.8	.017	18.13
JULY	22.56	18.10	19.72	257.0	.071	41.62
AUGUST	23.48	18.33	20.88	339.0	.500	97.86
SEPTEMBER	23.43	18.75	20.71	466.8	.462	88.78

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1964-1992**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	17.9	18.0	18.0	18.0	18.2	18.4	18.2	18.0	17.9	17.9	18.0	18.2	18.5
90.0	18.1	18.2	18.1	18.0	18.4	18.5	18.2	18.2	17.9	17.9	18.0	18.2	18.7
85.0	18.1	18.2	18.1	18.2	18.4	18.7	18.4	18.2	17.9	18.1	18.2	18.6	18.9
80.0	18.1	18.2	18.1	18.3	18.6	18.9	18.6	18.2	18.1	18.1	18.2	18.9	18.9
75.0	18.3	18.3	18.1	18.3	18.6	19.1	18.8	18.3	18.1	18.1	18.4	19.3	19.1
70.0	18.3	18.3	18.3	18.5	18.7	19.3	19.0	18.3	18.1	18.1	18.4	19.5	19.3
65.0	18.5	18.5	18.3	18.6	18.9	19.5	19.2	18.5	18.1	18.1	18.4	19.9	19.6
60.0	18.8	18.6	18.3	18.6	19.1	19.7	19.4	18.7	18.1	18.2	18.6	20.1	19.8
55.0	18.8	18.8	18.4	18.7	19.3	19.9	19.8	18.7	18.1	18.2	18.6	20.3	20.0
50.0	19.0	19.0	18.6	18.9	19.4	20.1	20.0	18.8	18.2	18.2	18.8	20.7	20.3
45.0	19.2	19.3	18.7	18.9	19.6	20.3	20.2	19.0	18.2	18.4	19.2	21.1	20.5
40.0	19.5	19.5	18.8	19.1	19.8	20.5	20.4	19.2	18.4	18.4	19.4	21.3	20.8
35.0	19.9	19.8	19.0	19.3	20.2	20.7	20.6	19.5	18.4	18.6	19.7	21.7	21.0
30.0	20.2	20.0	19.1	19.4	20.3	20.9	20.8	19.7	18.4	18.8	20.1	21.9	21.5
25.0	20.4	20.3	19.1	19.7	20.7	21.3	21.3	20.0	18.5	19.2	20.6	22.3	21.8
20.0	20.9	20.5	19.3	20.0	21.1	21.5	21.5	20.4	18.8	19.5	21.0	22.8	22.3
15.0	21.4	21.0	19.6	20.3	21.5	22.0	22.2	21.0	19.3	19.9	21.8	23.0	22.8
10.0	22.2	21.6	20.0	20.6	21.9	22.4	22.6	21.9	19.7	20.9	22.5	23.2	23.1
5.0	22.8	22.5	20.8	21.1	22.5	22.8	23.1	22.9	20.9	22.2	23.0	23.7	23.7
DISCHARGE IN CUBIC FEET PER SECOND													
95.0	0.0	0.1	0.1	0.1	0.3	0.5	0.3	0.1	0.0	0.0	0.0	0.2	0.6
90.0	0.1	0.1	0.1	0.2	0.7	1.4	0.6	0.1	0.0	0.0	0.0	0.6	1.6
85.0	0.2	0.2	0.2	0.2	0.9	1.9	1.1	0.2	0.0	0.0	0.1	1.5	3.8
80.0	0.3	0.4	0.2	0.3	1.2	3.6	1.9	0.3	0.0	0.0	0.3	5.2	6.1
75.0	0.6	0.5	0.2	0.4	1.5	5.0	2.5	0.4	0.0	0.0	0.4	9.6	8.2
70.0	0.9	0.6	0.3	0.7	2.6	7.3	4.1	0.5	0.1	0.1	0.6	14.2	10.8
65.0	1.4	1.2	0.6	1.2	4.1	10.2	5.4	0.7	0.1	0.1	0.9	18.7	13.3
60.0	2.7	2.0	0.8	1.5	5.8	13.4	8.5	0.9	0.1	0.2	1.9	23.2	16.5
55.0	3.8	3.8	1.4	1.9	7.8	16.7	12.3	1.3	0.2	0.4	3.2	29.2	20.3
50.0	6.1	5.9	1.8	2.4	9.8	20.4	16.1	2.4	0.2	0.5	5.7	37.7	24.8
45.0	8.0	8.7	2.9	3.0	12.6	24.8	20.2	3.4	0.2	0.8	9.1	48.7	31.6
40.0	11.6	11.9	3.8	4.7	15.8	30.0	24.5	5.2	0.3	1.1	13.4	61.4	40.0
35.0	17.1	15.6	4.7	6.5	19.7	36.1	30.5	8.5	0.3	2.2	18.8	75.3	49.2
30.0	23.0	20.1	5.3	8.3	25.4	43.6	38.8	12.8	0.6	4.5	26.2	95.2	64.8
25.0	30.9	25.6	6.4	12.9	32.6	53.7	49.1	17.6	1.3	6.8	38.3	127.5	84.0
20.0	43.0	33.0	8.4	18.6	42.6	65.8	62.0	27.0	2.3	10.9	55.4	170.1	112.0
15.0	62.1	45.4	11.1	24.9	58.8	82.0	86.4	40.6	6.7	18.8	80.4	220.7	152.8
10.0	95.8	67.5	20.0	32.9	77.7	109.6	129.2	73.6	13.2	33.3	128.1	288.9	205.6
5.0	179.9	114.5	38.4	46.2	107.4	161.5	218.7	145.8	35.0	90.1	186.8	401.1	300.4

WACCASASSA RIVER BASIN  
02314200 TENMILE CREEK AT LEBANON STATION, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1964 1965	18.2 20	18.2 20	18.2 20	18.3 18	18.3 16	18.5 16	19.1 19	19.7 22	20.3 21
1965 1966	18.4 22	18.4 22	18.4 22	18.5 21	18.5 20	18.6 18	19.2 22	19.4 20	20.3 20
1969 1970	18.3 21	18.3 21	18.3 21	18.4 20	18.6 21	18.9 22	19.1 20	19.1 16	19.5 15
1970 1971	18.1 13	18.1 11	18.1 11	18.1 9	18.1 8	18.2 6	18.2 5	18.3 3	18.8 8
1971 1972	18.1 11	18.1 12	18.1 12	18.1 12	18.2 11	18.2 8	18.2 6	18.5 9	19.1 12
1972 1973	18.2 18	18.2 19	18.2 16	18.2 16	18.2 15	18.4 15	18.6 15	18.6 11	19.0 10
1973 1974	18.1 14	18.1 14	18.1 14	18.1 13	18.2 10	18.2 9	18.2 8	18.4 8	18.6 3
1974 1975	18.0 9	18.0 9	18.1 9	18.1 8	18.1 7	18.2 5	18.2 7	18.3 7	18.6 4
1975 1976	18.0 7	18.0 7	18.0 7	18.0 7	18.1 5	18.1 3	18.2 3	18.2 2	18.8 7
1976 1977	18.2 17	18.2 17	18.2 17	18.2 17	18.3 18	18.7 20	18.9 18	19.3 18	19.8 18
1977 1978	17.9 2	17.9 2	17.9 2	18.0 2	18.0 3	18.0 2	18.1 1	18.1 1	18.5 2
1978 1979	18.0 4	18.0 4	18.0 4	18.0 3	18.0 2	18.0 1	18.1 2	18.3 5	19.1 13
1979 1980	18.1 12	18.1 15	18.2 19	18.5 22	18.6 22	18.7 19	18.9 17	19.3 19	19.6 17
1980 1981	18.1 15	18.1 13	18.1 13	18.3 19	18.4 19	18.6 17	18.7 16	18.7 12	18.9 9
1981 1982	18.0 5	18.0 5	18.0 5	18.0 4	18.0 4	18.1 4	18.2 4	18.3 4	18.6 5
1982 1983	18.0 6	18.0 6	18.0 6	18.0 6	18.2 12	18.8 21	19.1 21	19.5 21	20.4 22
1983 1984	18.1 16	18.1 16	18.2 15	18.2 14	18.3 17	18.3 13	18.5 12	18.9 15	19.6 16
1984 1985	18.0 8	18.0 8	18.0 8	18.1 10	18.2 13	18.3 14	18.4 11	18.5 10	18.7 6
1985 1986	17.9 1	17.9 1	17.9 1	17.9 1	18.0 1	18.2 11	18.5 13	18.8 14	20.0 19
1988 1989	18.0 3	18.0 3	18.0 3	18.0 5	18.1 6	18.2 10	18.6 14	19.2 17	19.5 14
1989 1990	18.2 19	18.2 18	18.2 18	18.2 15	18.2 14	18.2 12	18.3 10	18.3 6	18.5 1
1990 1991	18.1 10	18.1 10	18.1 10	18.1 11	18.1 9	18.2 7	18.2 9	18.8 13	19.1 11

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1964 1964	27.0 1	26.7 1	25.4 1	24.3 1	23.9 1	23.6 1	22.6 2	21.5 5	20.9 4
1965 1965	25.4 3	24.9 4	24.3 4	23.6 6	23.1 6	22.3 5	21.7 6	21.4 6	20.5 8
1966 1966	24.1 10	23.7 12	23.2 11	23.0 9	22.4 8	21.6 9	21.0 11	20.7 12	20.2 11
1969 1969	24.2 9	23.9 8	23.3 10	22.5 16	21.9 10	21.4 10	20.9 14	20.6 13	20.7 7
1970 1970	25.3 4	24.9 3	24.1 6	23.7 4	23.2 5	22.1 7	22.1 4	21.9 2	21.2 2
1971 1971	24.1 12	23.7 10	23.0 13	22.5 12	21.5 16	20.5 18	19.8 19	19.5 20	19.2 19
1972 1972	23.7 15	23.6 13	23.4 8	22.7 10	21.0 19	19.7 21	19.7 21	19.4 21	19.4 17
1973 1973	23.3 20	22.9 20	22.8 18	22.5 14	21.6 14	21.0 15	21.0 10	20.9 9	20.4 9
1974 1974	23.6 16	23.3 16	22.9 15	22.5 13	21.8 11	20.8 16	20.4 16	19.9 16	19.4 18
1975 1975	24.4 8	23.7 11	22.7 19	21.7 20	20.9 20	19.8 20	19.3 22	19.0 22	18.8 23
1976 1976	23.9 14	23.6 14	22.8 17	22.6 11	21.4 17	21.3 12	20.9 12	20.8 11	20.1 12
1977 1977	23.5 18	23.3 18	22.9 16	22.2 17	21.5 15	21.1 13	20.9 13	20.6 14	20.0 15
1978 1978	25.4 2	25.1 2	24.4 2	24.0 2	23.6 2	22.9 3	22.4 3	21.9 3	20.7 6
1979 1979	24.8 7	24.7 5	24.4 3	23.6 5	23.4 3	23.0 2	22.0 5	21.7 4	20.9 5
1980 1980	24.0 13	23.6 15	23.2 12	22.0 19	21.1 18	21.1 14	20.8 15	20.3 15	20.1 13
1981 1981	22.9 22	22.3 23	21.3 23	20.6 23	20.2 22	19.5 23	19.1 23	19.0 23	18.9 22
1982 1982	24.9 6	24.6 7	24.2 5	23.9 3	23.4 4	22.6 4	22.7 1	22.3 1	21.2 1
1983 1983	24.1 11	23.8 9	23.4 9	23.1 8	22.2 9	21.9 8	21.5 7	21.0 8	20.4 10
1984 1984	23.4 19	23.2 19	22.9 14	22.5 15	21.8 12	21.4 11	21.2 9	21.2 7	21.0 3
1985 1985	25.0 5	24.6 6	24.0 7	23.4 7	22.7 7	22.3 6	21.5 8	20.9 10	20.0 14
1989 1989	22.8 23	22.7 22	22.1 22	21.0 22	20.1 23	19.7 22	19.7 20	19.5 18	19.5 16
1990 1990	23.5 17	23.3 17	22.5 20	21.5 21	20.5 21	20.4 19	20.0 18	19.5 19	19.1 21
1992 1992	23.1 21	22.9 21	22.5 21	22.0 18	21.7 13	20.7 17	20.2 17	19.8 17	19.2 20

WACCASASSA RIVER BASIN  
02314200 TENMILE CREEK AT LEBANON STATION, FL--Continued

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1964 1965	.0000 1	.0000 1	.0000 1	.0000 1	.003 1	1.08 20	13.5 28	14.5 27	30.8 23
1965 1966	.10 16	.10 15	.10 15	.11 15	.13 14	.52 16	8.86 27	12.3 24	47.7 27
1966 1967	.10 17	.10 16	.14 18	.20 17	.80 23	2.02 24	7.23 25	9.81 23	28.6 22
1967 1968	.0000 2	.0000 2	.006 5	.017 5	.048 6	.11 4	.34 6	.43 3	1.02 1
1968 1969	.010 8	.010 7	.013 7	.016 4	.024 2	.11 5	2.09 16	20.2 28	46.2 26
1969 1970	.13 21	.14 21	.15 19	.25 23	1.27 27	4.18 28	7.30 26	7.64 17	15.7 17
1970 1971	.090 15	.10 17	.12 16	.12 16	.17 16	.22 11	.37 9	.63 5	10.6 12
1971 1972	.030 10	.037 10	.041 9	.052 10	.060 8	.067 2	.10 2	2.42 12	12.5 14
1972 1973	.030 11	.040 11	.051 11	.054 11	.14 15	.43 15	4.53 19	3.57 14	18.3 18
1973 1974	.040 12	.040 12	.046 10	.049 9	.12 13	.16 9	.28 4	1.36 9	3.02 4
1974 1975	.070 14	.070 14	.080 14	.087 13	.11 11	.17 10	.40 10	.93 7	2.55 3
1975 1976	.050 13	.050 13	.059 12	.072 12	.088 9	.11 7	.15 3	.37 2	11.5 13
1976 1977	.17 23	.18 23	.19 23	.21 20	.36 20	2.89 25	4.76 20	9.27 21	22.0 20
1977 1978	.0000 3	.0000 3	.0000 2	.011 3	.034 4	.048 1	.058 1	.085 1	3.75 5
1978 1979	.20 25	.20 25	.21 25	.22 21	.22 17	.26 12	.36 8	1.59 10	9.79 11
1979 1980	.25 27	.31 27	.51 27	.77 28	1.24 26	1.38 21	3.50 18	12.3 25	19.2 19
1980 1981	.10 18	.11 18	.13 17	.57 27	1.04 25	1.78 23	2.47 17	2.43 13	6.12 8
1981 1982	.0000 4	.0000 4	.0000 3	.0010 2	.026 3	.14 8	.34 5	.92 6	3.81 6
1982 1983	.12 20	.13 20	.16 20	.21 18	.67 22	3.61 26	6.51 23	12.9 26	42.8 25
1983 1984	.45 28	.48 28	.51 28	.52 25	.87 24	1.07 19	1.99 15	9.37 22	27.9 21
1984 1985	.11 19	.12 19	.16 21	.30 24	.53 21	.97 18	1.62 14	1.99 11	5.23 7
1985 1986	.0000 5	.0000 5	.004 4	.034 8	.11 10	1.50 22	5.29 22	8.25 19	51.2 28
1986 1987	.010 9	.027 9	.073 13	.094 14	.12 12	.28 13	.61 12	5.95 15	38.4 24
1987 1988	.24 26	.26 26	.48 26	.55 26	1.62 28	3.88 27	5.23 21	7.05 16	6.99 10
1988 1989	.15 22	.16 22	.19 22	.25 22	.32 19	.83 17	6.55 24	7.82 18	14.1 16
1989 1990	.0000 6	.0000 6	.011 6	.032 7	.055 7	.082 3	.34 7	.53 4	2.13 2
1990 1991	.0000 7	.010 8	.016 8	.024 6	.035 5	.11 6	.76 13	8.80 20	13.6 15
1991 1992	.19 24	.19 24	.19 24	.21 19	.24 18	.28 14	.43 11	1.33 8	6.33 9

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1964 1964	3440 1	2790 1	1585 1	849 1	556 1	517 1	361 1	271 1	191 1
1965 1965	1200 5	932 5	636 4	404 4	286 4	204 5	155 5	126 6	83.2 8
1966 1966	530 15	391 15	258 16	204 13	142 13	94.9 13	80.4 13	66.7 12	50.4 15
1967 1967	521 16	473 12	386 11	243 11	140 14	81.2 15	58.7 19	44.4 20	29.3 20
1968 1968	878 6	671 7	528 7	351 7	241 8	133 10	113 9	86.1 9	56.5 11
1969 1969	568 12	441 13	281 13	172 17	123 15	79.6 16	59.0 18	49.1 17	55.9 12
1970 1970	1260 4	985 4	584 5	380 6	281 5	157 8	152 6	135 4	97.9 5
1971 1971	508 17	373 16	249 17	171 18	100 18	58.1 21	38.7 23	29.1 23	23.9 22
1972 1972	357 21	335 19	269 15	184 16	96.4 19	48.5 24	36.5 24	27.6 24	23.8 23
1973 1973	243 24	179 26	153 23	130 21	85.1 21	54.3 22	55.4 20	48.7 18	38.3 18
1974 1974	310 22	260 22	192 20	151 19	103 17	58.8 20	43.7 21	33.1 22	22.2 24
1975 1975	562 13	340 17	189 21	107 24	65.5 26	33.9 27	22.8 27	17.1 27	11.5 28
1976 1976	361 20	289 21	168 22	151 20	86.0 20	72.1 17	62.1 15	53.5 16	36.1 19
1977 1977	234 25	197 25	150 25	98.7 25	66.0 25	50.8 23	43.2 22	35.1 21	24.1 21
1978 1978	1490 3	1179 3	748 3	505 3	351 3	251 2	184 3	146 3	111 3
1979 1979	791 9	708 6	554 6	346 8	274 7	212 4	151 7	123 7	85.5 6
1980 1980	400 19	295 20	196 19	108 22	70.3 23	63.2 19	59.5 17	45.8 19	38.8 17
1981 1981	141 28	98.0 29	60.4 29	37.6 29	25.1 29	14.7 29	10.1 29	7.58 29	6.23 29
1982 1982	824 8	671 8	504 8	387 5	275 6	178 6	186 2	170 2	118 2
1983 1983	439 18	339 18	240 18	191 15	120 16	93.6 14	73.7 14	58.0 15	42.5 16
1984 1984	215 26	198 24	153 24	108 23	80.3 22	64.9 18	61.8 16	58.2 14	50.5 14
1985 1985	825 7	653 9	416 9	275 10	195 10	139 9	98.9 10	76.8 11	51.6 13
1986 1986	547 14	402 14	275 14	200 14	143 12	111 12	84.9 12	65.5 13	56.9 10
1987 1987	648 11	487 11	358 12	230 12	170 11	119 11	96.6 11	81.9 10	64.2 9
1988 1988	2680 2	1977 2	1303 2	708 2	390 2	218 3	163 4	126 5	83.5 7
1989 1989	132 29	113 28	86.4 28	51.5 28	28.3 28	16.9 28	16.0 28	14.1 28	13.8 26
1990 1990	247 23	215 23	132 26	77.8 27	44.3 27	36.5 26	27.1 26	20.6 26	13.6 27
1991 1991	682 10	564 10	399 10	282 9	228 9	170 7	132 8	107 8	99.4 4
1992 1992	160 27	144 27	110 27	83.3 26	69.9 24	43.7 25	33.3 25	25.5 25	16.9 25

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**SUWANNEE RIVER BASIN**  
02314986 ROCKY CREEK NEAR BELMONT, FL

LOCATION.--Lat 30°32'40", long 82°44'02", in SE<sup>1</sup>/<sub>4</sub> sec. 29, T.2 N., R.16 E., Hamilton County, Hydrologic Unit 03110201, at bridge on county road, 1.4 mi Upstream from mouth, 3.0 mi north of Belmont, and 12 mi east of Bakers Mill.

DRAINAGE AREA.--50 mi<sup>2</sup>, approximately.

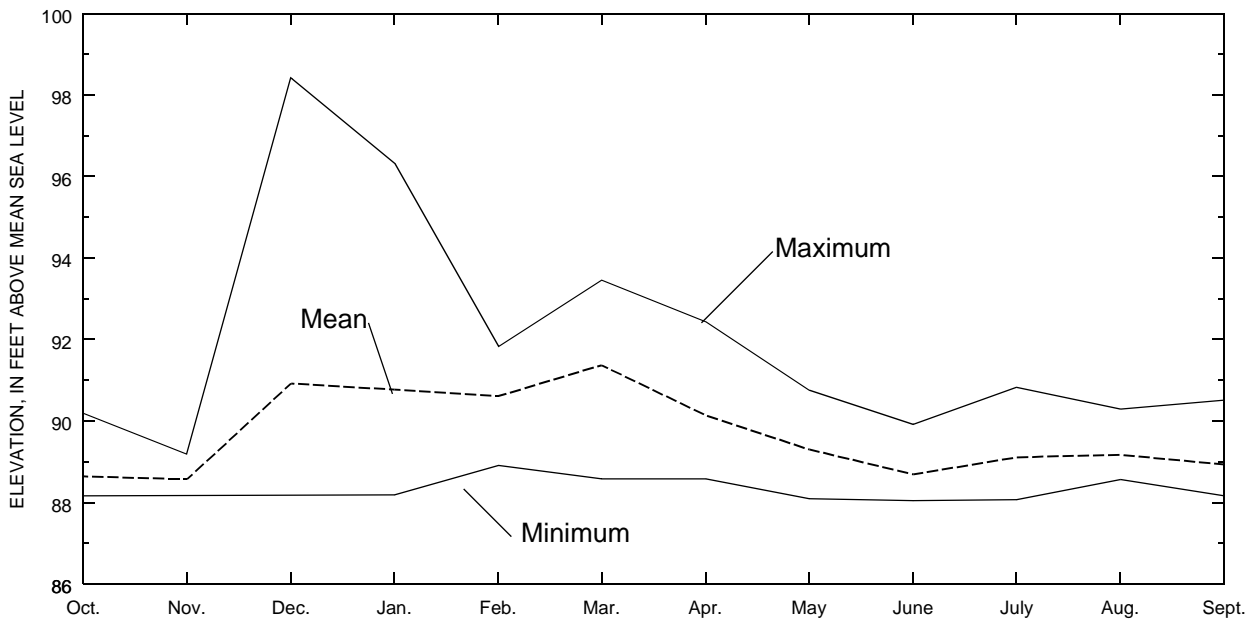
PERIOD OF RECORD.--August 1970 to April 1976, (gage heights and discharge measurements only); May 1976 to September 1982 (discontinued).

REVISED RECORDS.--WDR FL-75-1: Drainage area.

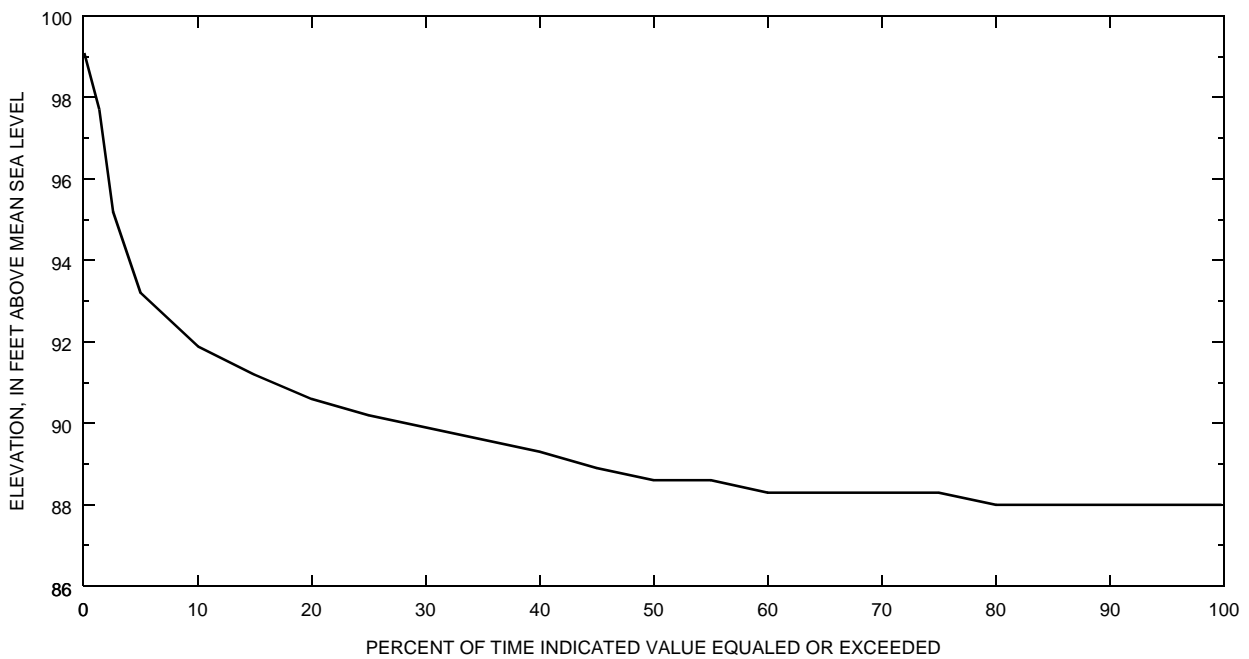
GAGE.--Water-stage recorder. Datum of gage is 86.64 ft National Geodetic Vertical Datum of 1929. Prior to May 19, 1976, nonrecording gage at same site and datum.

REMARKS.--Records poor. Flow affected by backwater from Suwannee River at times.

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN ELEVATIONS FOR WATER YEARS 1977-1982**



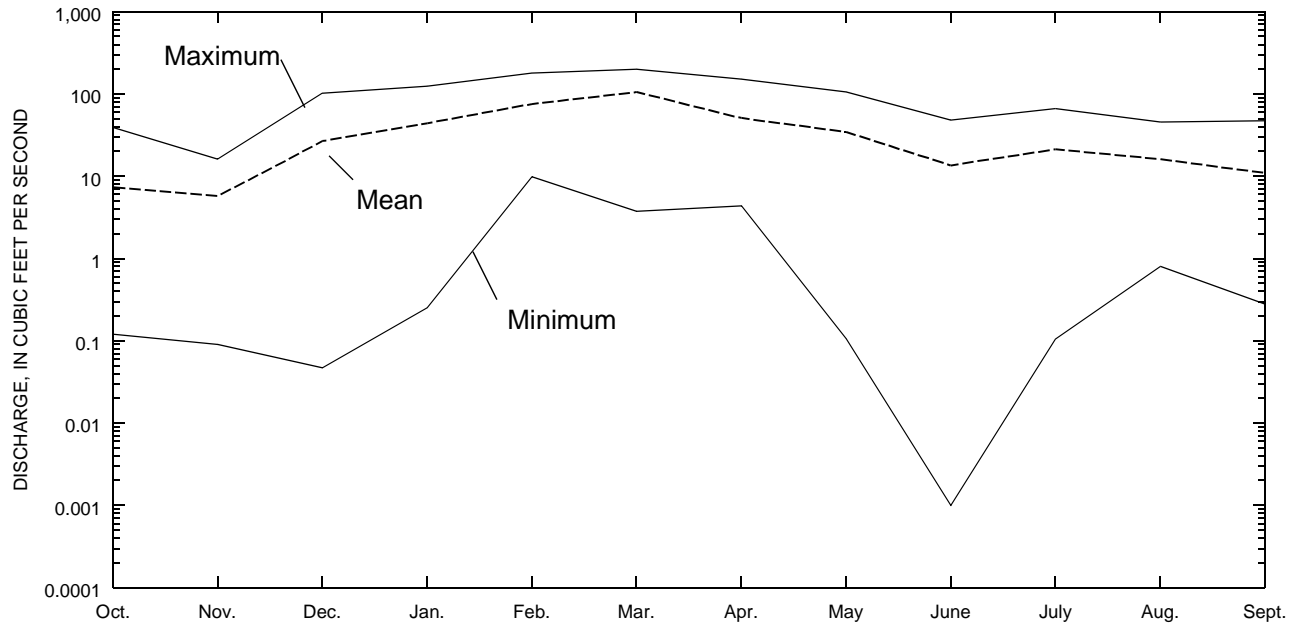
**DURATION OF DAILY MEAN ELEVATION FOR WATER YEARS 1977-1982**



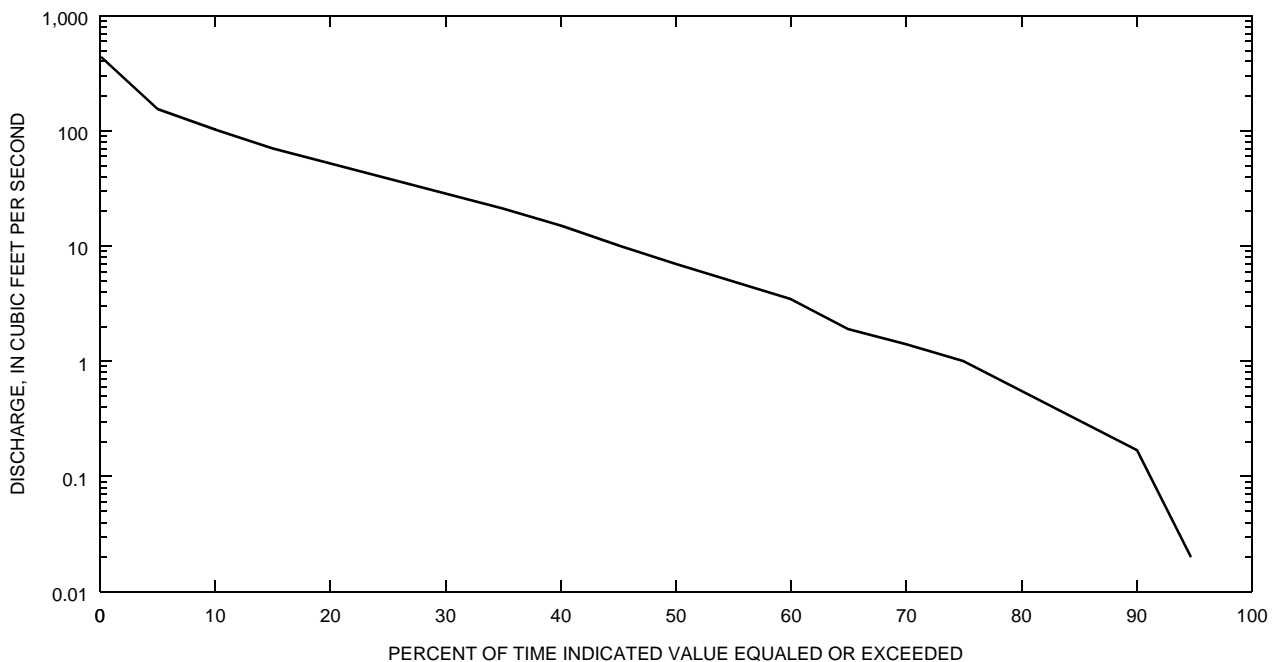
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
 FOR WATER YEARS 1977 - 1982**

ANNUAL MEAN	33.8	
HIGHEST ANNUAL MEAN	42.1	1980
LOWEST ANNUAL MEAN	20.5	1979
HIGHEST DAILY MEAN	499	Mar 11 1980
LOWEST DAILY MEAN	.00	May 7 1977
ANNUAL SEVEN-DAY MINIMUM	.00	May 7 1977
INSTANTANEOUS PEAK FLOW	500	Mar 11 1980
INSTANTANEOUS PEAK ELEVATION (FT)	98.89	Sep 11 1964
INSTANTANEOUS LOW FLOW	.00	May 7 1977
ANNUAL RUNOFF (INCHES)	9.19	
ANNUAL RUNOFF (CFSM)	0.68	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1977-1982**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1975-1993**



SUWANNEE RIVER BASIN  
02314986 ROCKY CREEK NEAR BELMONT, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1977-1982**

MONTH	ELEVATION FEET ABOVE SEA LEVEL			DISCHARGE CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	90.17	88.16	88.64	38.6	.120	7.34
NOVEMBER	89.17	88.16	88.57	15.9	.090	5.74
DECEMBER	98.40	88.15	90.92	100.3	.047	26.72
JANUARY	96.31	88.19	90.77	122.0	.253	44.12
FEBRUARY	91.81	88.91	90.61	176.2	9.86	75.44
MARCH	93.44	88.58	91.37	196.6	3.74	105.19
APRIL	92.42	88.58	90.14	148.8	4.36	50.84
MAY	90.74	88.09	89.30	103.5	.106	34.51
JUNE	89.90	88.05	88.69	47.0	.000	13.55
JULY	90.81	88.07	89.11	65.1	.105	21.22
AUGUST	90.28	88.56	89.17	44.8	.805	16.08
SEPTEMBER	90.50	88.16	88.93	46.6	.279	10.94

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1970-1976**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	ELEVATION IN FEET ABOVE MEAN SEA LEVEL											
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	88.0	88.1	88.1	88.1	88.1	88.4	88.2	88.2	37.2	88.0	88.0	88.0	88.1
90.0	88.0	88.1	88.1	88.1	88.1	88.6	88.4	88.3	74.4	88.0	88.0	88.1	88.1
85.0	88.0	88.1	88.1	88.1	88.1	88.8	88.9	88.3	88.1	88.0	88.0	88.1	88.1
80.0	88.0	88.1	88.1	88.1	88.4	89.6	89.3	88.5	88.2	88.1	88.1	88.3	88.1
75.0	88.3	88.1	88.1	88.1	88.7	89.8	89.6	88.7	88.2	88.1	88.1	88.3	88.3
70.0	88.3	88.1	88.1	88.4	88.7	90.0	90.0	89.0	88.4	88.1	88.1	88.4	88.3
65.0	88.3	88.1	88.3	88.8	88.7	90.2	90.3	89.2	88.4	88.2	88.1	88.6	88.4
60.0	88.3	88.1	88.3	88.8	88.7	90.2	90.5	89.4	88.5	88.2	88.1	88.6	88.4
55.0	88.6	88.3	88.3	88.8	89.3	90.4	90.9	89.5	88.7	88.3	88.1	88.7	88.5
50.0	88.6	88.3	88.3	89.1	89.5	90.6	91.2	89.7	89.0	88.3	88.3	88.7	88.5
45.0	88.9	88.3	88.3	89.1	90.1	90.8	91.4	89.9	89.1	88.4	88.3	88.8	88.5
40.0	89.3	88.3	88.4	89.1	90.1	91.3	91.9	90.0	89.3	88.5	88.5	88.9	88.6
35.0	89.6	88.4	88.4	89.4	90.4	91.5	92.1	90.2	89.5	88.7	88.8	89.1	88.8
30.0	89.9	88.4	88.5	89.7	90.6	91.5	92.3	90.6	89.6	88.9	89.3	89.4	89.0
25.0	90.2	88.5	88.5	90.4	90.9	91.7	92.6	90.9	89.9	89.1	89.6	89.6	89.3
20.0	90.6	88.7	88.7	90.7	92.1	91.9	93.1	91.4	90.1	89.3	89.9	89.8	89.6
15.0	91.2	89.1	88.8	98.0	92.9	92.1	93.8	92.1	90.4	89.5	90.8	90.3	89.8
10.0	91.9	89.6	88.9	98.4	96.2	92.5	94.2	92.8	91.0	89.7	91.6	90.9	90.0
5.0	93.2	90.6	90.3	98.7	97.4	92.7	94.7	93.5	91.7	90.1	92.1	91.4	90.7

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	DISCHARGE IN CUBIC FEET PER SECOND											
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	0.0	0.0	0.0	0.0	0.0	2.0	1.3	0.8	0.0	0.0	0.0	0.0	0.2
90.0	0.1	0.0	0.0	0.0	0.2	4.0	3.0	1.5	0.0	0.0	0.0	0.1	0.2
85.0	0.3	0.1	0.0	0.0	1.1	8.8	8.5	2.3	0.3	0.0	0.1	0.2	0.2
80.0	0.5	0.1	0.2	1.4	4.7	20.9	16.9	4.4	0.9	0.2	0.2	0.4	0.3
75.0	1.0	0.2	0.4	1.8	5.4	26.9	25.1	7.0	1.6	0.2	0.3	1.0	0.4
70.0	1.4	0.2	0.5	2.4	5.7	30.9	33.7	11.3	2.0	0.3	0.6	1.5	1.0
65.0	1.9	0.3	1.2	7.1	6.0	35.1	42.4	14.3	2.6	1.1	0.8	2.3	1.5
60.0	3.4	0.7	1.2	8.0	7.8	39.7	53.2	17.4	4.3	1.5	1.1	2.8	1.9
55.0	4.9	0.7	1.6	9.1	16.4	47.9	64.1	20.6	7.3	1.9	1.1	3.5	2.7
50.0	7.0	0.9	1.6	10.5	24.6	56.2	74.8	23.9	9.7	2.5	1.5	5.1	3.3
45.0	10.1	1.2	2.0	12.7	34.0	63.5	91.2	28.3	13.7	4.7	1.9	6.1	4.0
40.0	15.1	1.2	2.0	14.7	40.2	71.0	107.3	33.8	16.3	7.7	4.7	7.9	4.9
35.0	21.1	2.1	2.6	17.9	47.0	78.6	123.3	40.2	19.9	11.3	8.3	10.3	6.0
30.0	28.5	2.7	3.4	27.5	54.1	88.6	138.6	47.0	27.3	14.4	16.4	13.2	7.5
25.0	38.0	2.7	3.4	41.0	64.3	97.1	153.3	63.5	38.1	16.9	22.6	19.0	12.9
20.0	51.4	5.4	4.8	51.1	79.3	104.3	181.0	86.0	47.4	21.2	29.1	24.8	18.4
15.0	70.5	12.8	5.7	62.1	103.9	115.1	221.4	128.0	59.3	27.0	46.5	32.5	23.4
10.0	102.6	20.9	8.6	78.1	129.5	141.3	262.2	167.0	82.3	36.0	80.0	50.7	30.0
5.0	154.6	47.1	35.0	132.7	166.0	179.2	315.9	207.6	138.9	63.0	120.7	78.9	48.2

SUWANNEE RIVER BASIN  
02314986 ROCKY CREEK NEAR BELMONT, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183
1977	1978	88.0 1	88.0 1	88.0 1	88.0 1	88.0 1	88.1 1	88.1 1	88.1 1	88.4 2
1978	1979	88.1 2	88.1 2	88.1 2	88.1 2	88.1 2	88.1 2	88.1 2	88.1 2	88.2 1
1979	1980	88.2 3	88.2 3	88.3 4	88.4 4	88.6 4	88.8 4	88.9 4	89.1 4	89.6 4
1980	1981	88.2 4	88.2 4	88.2 3	88.2 3	88.3 3	88.4 3	88.4 3	88.5 3	88.6 3

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183
1977	1977	99.1 1	99.1 1	99.0 1	98.8 1	98.5 1	97.5 1	95.5 1	94.5 1	92.5 1
1978	1978	95.0 3	95.0 3	94.8 3	94.5 2	93.5 2	92.7 2	92.3 2	91.8 2	91.0 2
1979	1979	93.4 5	92.6 5	92.4 5	92.1 5	91.4 5	90.8 5	90.6 5	90.4 5	90.1 5
1980	1980	96.4 2	95.9 2	95.2 2	94.1 3	93.4 3	92.6 3	92.0 3	91.6 3	90.7 3
1981	1981	94.8 4	94.6 4	94.2 4	93.4 4	92.8 4	92.3 4	91.4 4	90.7 4	90.2 4

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183
1977	1978	.0000 1	.0000 1	.0000 1	.0000 1	.0000 1	.002 1	.038 1	.24 2	5.64 2
1978	1979	.0000 2	.0000 2	.0000 2	.011 2	.037 2	.056 2	.079 2	.098 1	.80 1
1979	1980	.30 3	.42 3	.93 4	2.27 4	3.54 4	6.38 4	6.54 4	11.6 4	23.4 4
1980	1981	.75 4	.75 4	.79 3	.88 3	1.43 3	1.93 3	2.92 3	4.05 3	5.65 3

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183
1977	1977	350 2	273 4	200 4	165 4	131 4	119 4	106 3	104 3	71.1 3
1978	1978	314 4	311 2	299 2	269 1	201 2	148 2	126 2	106 2	76.1 1
1979	1979	197 5	150 5	131 5	116 5	82.5 5	59.2 5	51.9 5	47.9 5	38.7 5
1980	1980	499 1	443 1	363 1	266 2	215 1	165 1	131 1	107 1	74.2 2
1981	1981	326 3	305 3	267 3	201 3	167 3	134 3	97.2 4	74.4 4	53.7 4

**SUWANNEE RIVER BASIN**  
02315000 SUWANNEE RIVER NEAR BENTON, FL

**LOCATION.**--Lat 30°×××××30'26", long 82°42'59", in NE<sup>1</sup>/<sub>4</sub> sec.9, T.1 N., R.16 E., Columbia County, Hydrologic Unit 03110201, near left bank on downstream side of bridge on State Highway 6, 3.7 mi northwest of Benton, 6.4 mi south of Florida-Georgia State Line, 13.7 mi east of Jasper, and 196 mi, upstream from mouth.

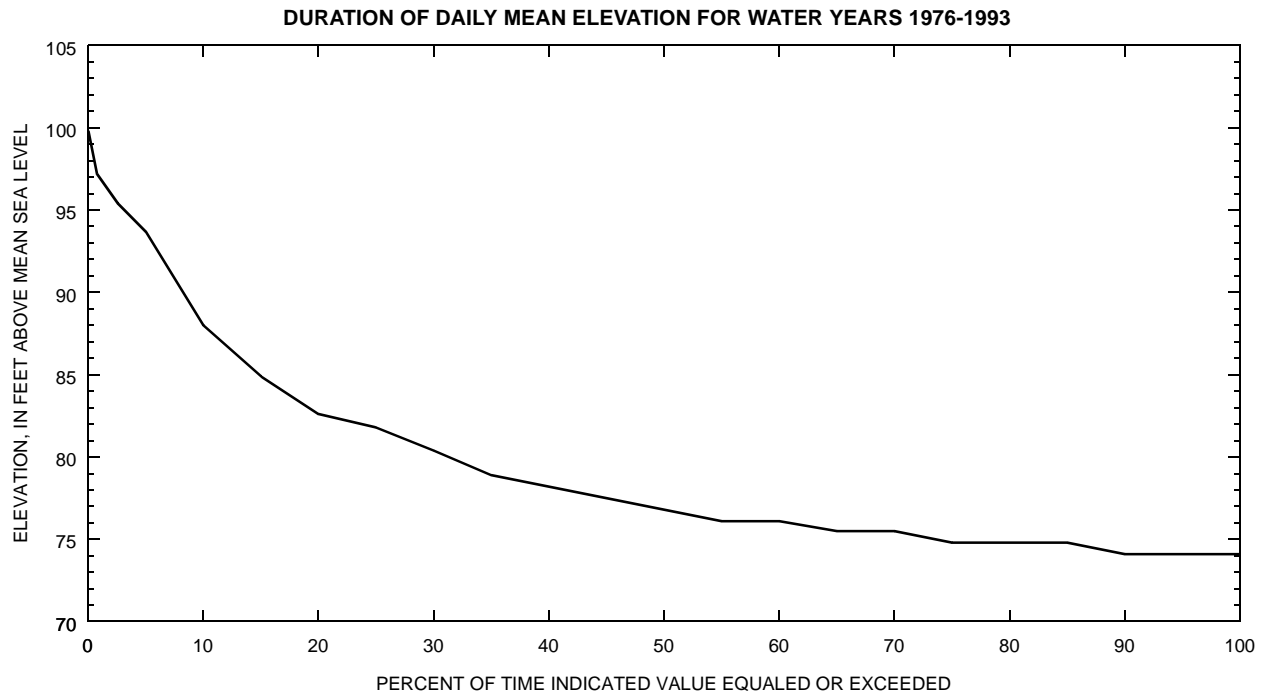
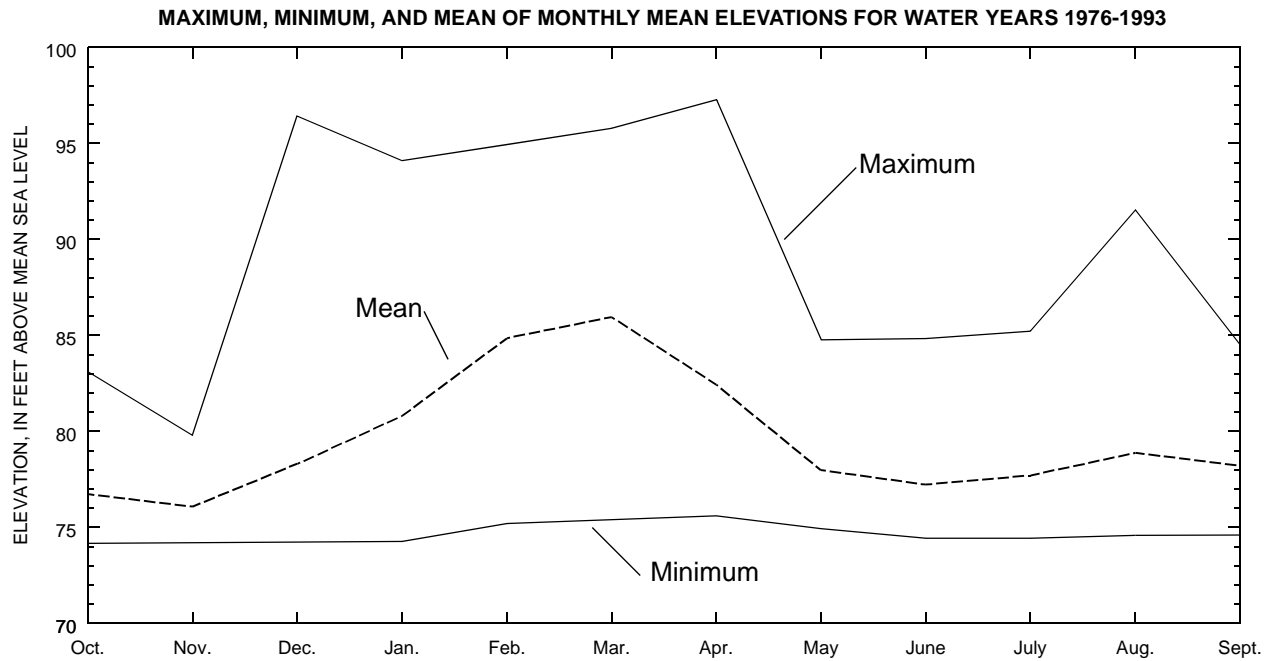
**DRAINAGE AREA.**--2,090 mi<sup>2</sup>, approximately, includes part of watershed in Okefenokee Swamp which is indeterminate.

**PERIOD OF RECORD.**--October 1975 to 1993. Miscellaneous discharge measurements for some periods July 1934 to September 1975. Records for December 1931 to June 1934, at site 2.0 mi upstream (at Turner Bridge) not equivalent owing to difference in drainage areas.

**GAGE.**--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Oct. 1, 1975 to Oct. 14, 1986, nonrecording gage at same site and datum. Dec. 8, 1931 to June 30, 1934, nonrecording gage at site 2.0 mi upstream, datum unknown.

**REMARKS.**--Records good, except for estimated daily discharges, which are poor.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Maximum discharge measured, 27,700 ft<sup>3</sup>/s Apr. 6, 1973, gage height, 102.80 ft.

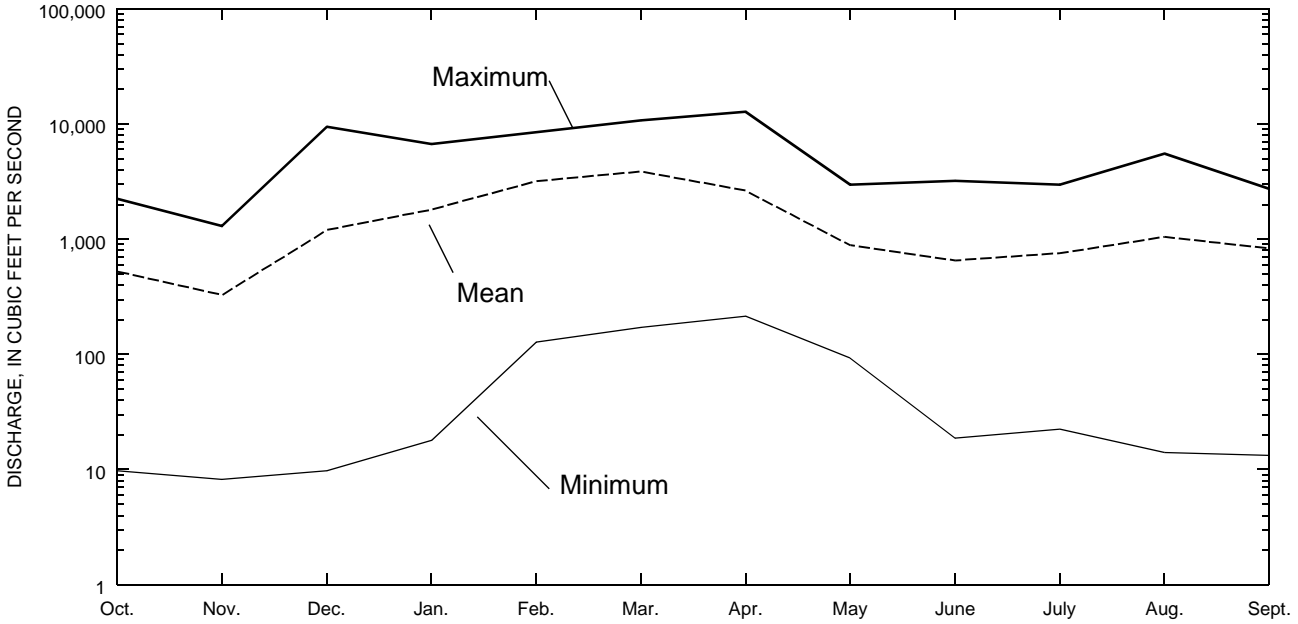


SUWANNEE RIVER BASIN  
02315000 SUWANNEE RIVER NEAR BENTON, FL--Continued

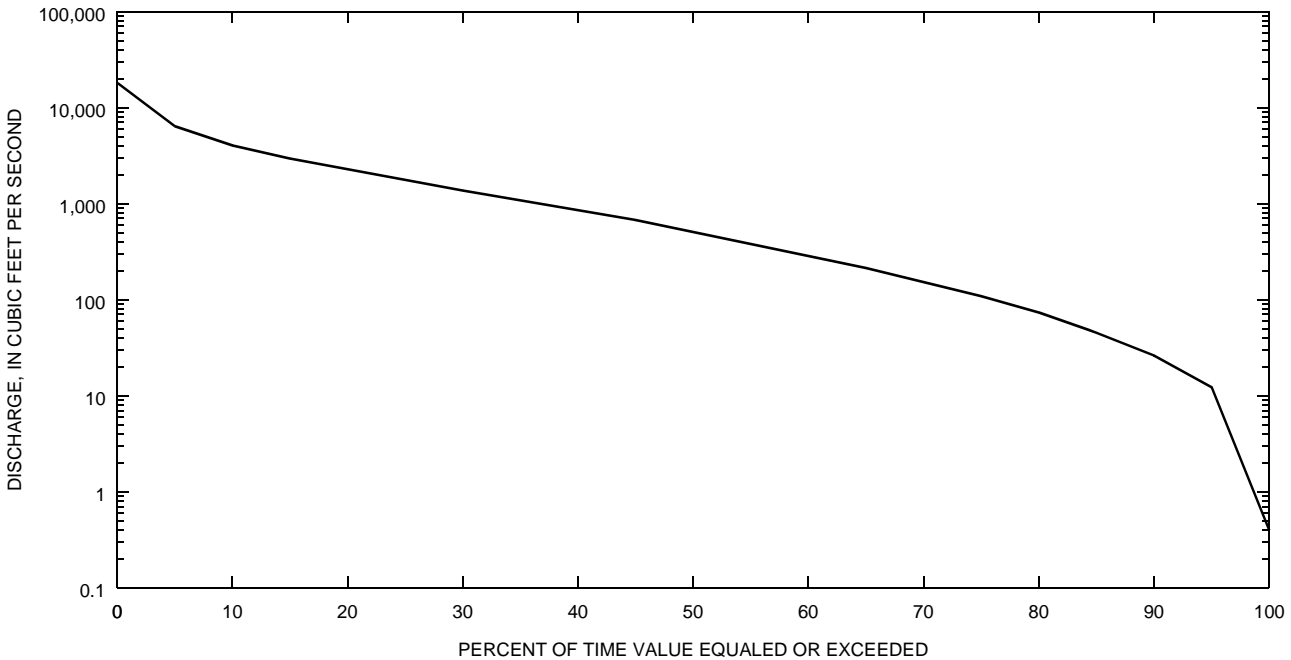
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
FOR WATER YEARS 1976 - 1993**

ANNUAL MEAN	1468		
HIGHEST ANNUAL MEAN	3297		1984
LOWEST ANNUAL MEAN	254		1989
HIGHEST DAILY MEAN	18200	Apr 6	1984
LOWEST DAILY MEAN	1.3	Oct 9	1990
ANNUAL SEVEN-DAY MINIMUM	3.3	Oct 3	1990
INSTANTANEOUS PEAK FLOW	18300	Apr 6	1984
INSTANTANEOUS PEAK ELEVATION (FT)	99.90	Apr 6	1984
INSTANTANEOUS LOW FLOW	2.7	Sep 29	1990
ANNUAL RUNOFF (INCHES/CSFM)	9.54/0.70		

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY PPGGS FOR WATER YEARS 1976-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1976-1993**



SUWANNEE RIVER BASIN  
02315000 SUWANNEE RIVER NEAR BENTON, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1976-1993**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	83.07	74.17	76.73	2241	9.77	524
NOVEMBER	79.75	74.15	76.08	1305	8.18	328
DECEMBER	96.38	74.17	78.32	9472	9.76	1199
JANUARY	94.07	74.27	80.82	6679	17.9	1807
FEBRUARY	94.90	75.21	84.86	8574	128	3184
MARCH	95.75	75.41	85.96	10750	171	3870
APRIL	97.24	75.60	82.44	12760	215	2636
MAY	84.74	74.94	77.98	2979	92.8	884
JUNE	84.80	74.43	77.23	3194	18.8	653
JULY	85.18	74.44	77.71	2966	22.5	756
AUGUST	91.49	74.58	78.88	5545	14.0	1046
SEPTEMBER	84.47	74.60	78.21	2738	13.3	831

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1976-1993**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	ELEVATION IN FEET ABOVE MEAN SEA LEVEL											
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	74.1	74.1	74.1	74.1	74.2	75.2	75.2	75.2	74.5	74.3	74.2	74.2	74.4
90.0	74.1	74.1	74.1	74.1	74.7	75.8	77.0	75.8	74.5	74.3	74.2	74.2	74.4
85.0	74.8	74.1	74.5	74.1	74.7	75.8	78.3	75.8	75.1	74.3	74.2	74.2	74.8
80.0	74.8	74.4	74.5	74.1	75.3	76.4	79.0	76.5	75.1	74.8	74.6	74.7	74.8
75.0	74.8	74.8	74.5	74.8	75.3	78.3	79.6	76.5	75.1	74.8	75.0	75.3	75.2
70.0	75.5	74.8	74.5	74.8	75.3	79.6	80.3	77.1	75.1	74.8	75.0	75.3	75.7
65.0	75.5	75.1	74.9	74.8	75.9	80.9	81.6	77.8	75.6	74.8	75.4	75.8	76.1
60.0	76.1	75.1	74.9	75.4	77.1	81.6	82.3	78.5	75.6	74.8	75.8	76.4	76.1
55.0	76.1	75.1	74.9	75.4	77.7	81.6	82.9	79.1	76.1	75.2	76.2	76.4	76.6
50.0	76.8	75.5	75.2	76.0	77.7	82.9	84.3	79.8	76.1	75.7	76.2	77.5	77.0
45.0	77.5	75.8	75.6	76.0	78.3	84.3	85.7	80.5	76.6	76.2	76.6	77.5	77.5
40.0	78.2	76.2	75.9	76.6	79.5	85.7	86.4	81.2	77.7	76.7	77.0	78.0	77.9
35.0	78.9	76.5	75.9	77.3	80.7	86.4	87.1	81.9	78.2	77.2	77.8	79.2	78.4
30.0	80.4	76.9	76.3	77.9	82.6	87.1	89.3	83.3	78.2	77.8	78.6	79.7	79.3
25.0	81.8	77.6	76.7	79.8	84.5	87.8	91.5	86.3	78.7	78.3	79.4	80.3	79.8
20.0	82.6	78.7	77.4	81.8	87.1	91.5	93.0	88.5	79.8	78.8	80.6	81.5	80.7
15.0	84.9	79.4	77.8	82.5	88.5	93.0	94.6	90.8	81.5	80.3	82.3	83.8	81.6
10.0	88.0	80.2	77.8	83.9	90.5	94.6	95.3	94.0	83.2	81.4	83.6	85.7	83.1
5.0	93.7	83.6	78.6	94.9	94.1	95.3	96.9	94.8	86.7	84.1	84.5	89.4	85.1
DISCHARGE IN CUBIC FEET PER SECOND													
95.0	19.2	7.6	8.1	13.9	27.6	133.4	205.4	217.7	49.0	19.3	16.3	13.7	20.3
90.0	36.7	11.9	19.5	25.0	68.9	282.7	561.0	308.6	79.5	29.6	25.1	25.1	50.8
85.0	61.0	17.9	25.9	35.4	114.0	397.6	887.2	388.7	106.7	46.3	36.1	34.3	73.8
80.0	95.2	33.8	33.0	42.8	157.0	537.0	1108.1	445.0	132.8	61.8	58.5	49.0	89.8
75.0	133.3	54.0	44.0	53.4	217.4	1006.0	1283.6	539.0	156.8	70.7	88.0	76.9	111.7
70.0	183.2	79.8	52.7	86.0	257.3	1327.6	1426.9	655.9	183.3	78.7	117.1	142.0	152.7
65.0	249.4	123.2	66.8	102.3	340.3	1578.0	1871.0	807.2	215.8	90.4	146.9	191.5	250.9
60.0	324.7	150.3	99.0	218.5	560.8	1808.5	2232.9	956.7	256.7	106.9	196.7	242.4	315.6
55.0	418.1	178.1	130.6	259.9	712.7	1985.6	2432.1	1131.6	322.4	138.4	273.4	320.3	382.6
50.0	556.9	213.8	151.1	303.1	807.5	2371.4	2737.3	1323.7	399.3	177.3	347.5	448.9	463.1
45.0	716.1	270.1	179.9	380.2	969.9	2745.9	3216.9	1566.4	464.0	292.7	423.7	602.9	567.2
40.0	904.9	341.8	244.8	494.9	1244.1	3185.8	3614.7	1814.7	673.8	408.7	528.1	768.0	676.6
35.0	1131.2	413.6	313.2	669.9	1809.9	3514.2	3968.9	2047.8	811.9	579.2	660.7	916.7	775.4
30.0	1411.9	549.7	381.0	904.6	2260.7	3777.3	4712.0	2388.0	941.2	705.9	848.7	1147.3	961.2
25.0	1821.3	682.9	499.9	1324.0	2828.0	4265.0	5422.7	3308.6	1106.4	873.4	1088.6	1398.5	1240.0
20.0	2285.4	970.6	622.0	1866.6	3745.8	5557.1	6180.0	4192.9	1320.9	1080.7	1403.0	1710.9	1486.9
15.0	3005.1	1196.1	723.0	2158.9	4278.5	6343.7	7732.5	5222.0	1816.1	1349.6	1906.0	2357.0	1822.1
10.0	4039.8	1475.2	810.1	2752.9	5113.5	7487.0	9452.2	7340.0	2312.2	1723.9	2415.4	3076.6	2243.3
5.0	6499.6	2299.8	1029.2	7562.5	7043.8	9516.1	11266.8	9162.3	3602.1	2494.4	2899.8	4216.0	2924.2

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1		3		7		14		30		60		90		120		183	
	1976 1977	75.3	13	75.4	13	75.5	13	75.6	13	76.0	13	78.4	14	78.9	14	78.9	14	80.2
1977 1978	74.2	2	74.2	2	74.2	2	74.2	2	74.4	3	74.7	5	74.7	5	74.9	4	75.6	4
1978 1979	74.1	1	74.1	1	74.1	1	74.1	1	74.1	1	74.1	1	74.2	1	74.2	1	74.5	1
1979 1980	76.3	14	76.4	14	76.4	14	76.5	14	76.9	14	77.8	13	77.9	13	78.7	13	79.9	13
1980 1981	74.4	6	74.4	6	74.5	6	74.6	6	74.6	6	74.9	8	75.2	8	75.4	8	75.8	6
1981 1982	74.2	3	74.2	3	74.2	3	74.3	3	74.3	2	74.4	2	74.5	2	74.6	3	74.6	2
1982 1983	74.5	7	74.5	7	74.5	7	74.6	7	74.6	6	74.7	6	74.8	6	75.1	6	76.5	9
1983 1984	74.6	9	74.6	9	74.7	9	74.7	9	74.9	10	75.2	10	75.9	11	76.5	11	77.2	10
1984 1985	75.0	11	75.0	11	75.0	11	75.1	11	75.2	11	75.5	11	75.7	10	75.8	10	76.0	8
1985 1986	74.7	10	74.7	10	74.7	10	74.7	10	74.8	8	74.8	7	75.0	7	75.4	7	78.3	11
1988 1989	74.3	5	74.3	5	74.3	5	74.4	5	74.4	5	74.5	4	74.6	4	74.9	5	75.7	5
1989 1990	74.5	8	74.6	8	74.6	8	74.6	8	74.8	9	75.0	9	75.3	9	75.7	9	75.9	7
1990 1991	74.2	4	74.2	4	74.3	4	74.3	4	74.4	4	74.5	3	74.5	3	74.5	2	74.6	3
1992 1993	75.3	12	75.3	12	75.4	12	75.5	12	75.9	12	77.0	12	77.5	12	78.1	12	79.4	12

SUWANNEE RIVER BASIN  
02315000 SUWANNEE RIVER NEAR BENTON, FL--Continued

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183									
1976	1976	92.3	7	92.2	7	91.9	7	90.7	8	86.9	8	84.8	8	82.6	8	81.7	9	80.7	8
1977	1977	97.3	2	97.3	2	97.2	3	97.0	3	96.5	2	95.4	2	92.0	4	90.2	3	86.6	4
1978	1978	92.4	6	92.3	6	92.0	6	91.2	6	89.4	6	88.3	5	87.1	5	85.9	5	83.6	5
1979	1979	88.3	9	88.2	9	87.9	9	86.5	10	84.2	11	82.7	11	82.4	9	82.2	7	81.2	7
1980	1980	91.2	8	91.1	8	91.1	8	90.8	7	89.3	7	88.0	6	86.2	6	85.0	6	82.8	6
1981	1981	86.5	12	86.4	12	86.3	12	84.7	12	83.6	12	81.9	12	80.4	12	79.2	12	78.3	12
1982	1982	83.6	13	83.4	13	82.8	13	81.9	13	80.6	13	79.9	13	79.7	13	79.1	13	78.6	11
1983	1983	96.0	4	95.9	4	95.8	4	95.5	4	95.2	4	94.4	4	93.4	2	91.0	2	86.8	3
1984	1984	99.9	1	99.8	1	99.7	1	99.3	1	98.3	1	96.6	1	94.5	1	92.4	1	88.3	1
1985	1985	87.2	11	87.1	11	86.9	11	86.2	11	85.6	9	84.1	9	81.3	11	79.7	11	78.3	13
1988	1988	94.9	5	94.8	5	94.7	5	94.4	5	92.7	5	87.0	7	83.5	7	81.7	8	79.4	9
1989	1989	77.9	14	77.8	14	77.5	14	77.2	14	77.0	14	76.6	14	76.6	14	76.3	14	76.0	14
1990	1990	87.9	10	87.8	10	87.7	10	87.0	9	85.1	10	82.8	10	81.8	10	80.8	10	78.9	10
1991	1991	97.3	3	97.2	3	97.2	2	97.1	2	96.1	3	95.4	3	92.2	3	88.9	4	87.4	2

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183									
1976	1977	157	16	160	16	184	16	205	16	284	16	903	17	1022	17	1011	17	1543	17
1977	1978	5.00	2	5.97	2	6.89	2	9.11	3	19.1	5	59.3	8	58.4	6	101	5	236	5
1978	1979	7.20	4	7.47	3	7.60	3	7.64	2	7.85	1	8.55	1	8.92	1	10.7	1	60.6	3
1979	1980	353	17	374	17	382	17	408	17	512	17	749	16	773	16	976	16	1332	16
1980	1981	31.0	9	33.7	10	44.6	10	47.1	10	59.6	10	89.9	11	141	10	196	10	250	7
1981	1982	8.60	5	9.07	5	9.79	5	9.96	4	11.2	3	21.5	3	26.4	3	40.1	3	41.5	2
1982	1983	32.0	10	32.7	9	33.3	9	35.6	9	40.7	9	49.4	7	68.3	7	123	8	451	11
1983	1984	38.0	11	43.0	11	49.4	11	53.6	11	74.3	12	138	13	281	14	414	14	589	12
1984	1985	96.0	14	96.7	14	99.4	14	107	14	129	14	179	14	210	13	239	13	292	9
1985	1986	58.0	12	64.7	12	66.1	12	66.6	12	70.8	11	82.2	9	114	9	175	9	991	14
1986	1987	7.10	3	7.60	4	8.36	4	11.2	5	16.5	4	36.4	4	87.1	8	117	7	109	4
1987	1988	14.0	6	14.3	7	15.4	7	17.1	6	31.1	8	36.8	5	43.7	4	81.3	4	307	10
1988	1989	21.0	8	22.0	8	24.3	8	27.2	8	28.8	6	36.8	6	54.7	5	107	6	240	6
1989	1990	14.0	7	14.0	6	15.1	6	18.1	7	28.8	7	89.6	10	151	12	202	11	267	8
1990	1991	1.30	1	1.67	1	3.30	1	3.84	1	8.69	2	12.3	2	15.8	2	14.9	2	18.8	1
1991	1992	88.0	13	88.7	13	89.9	13	91.8	13	96.3	13	105	12	142	11	221	12	777	13
1992	1993	155	15	157	15	173	15	196	15	280	15	552	15	678	15	860	15	1219	15

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183									
1976	1976	6800	9	6757	9	6550	9	5772	9	4055	11	3100	11	2355	11	2011	12	1669	11
1977	1977	10500	4	10470	4	10390	4	10280	4	9560	4	8224	3	6464	5	5566	5	4084	5
1978	1978	6010	10	5963	10	5759	10	5384	10	4610	9	4195	7	3739	7	3330	8	2563	8
1979	1979	4190	12	4143	12	4009	12	3521	13	2666	14	2180	15	2130	12	2053	11	1763	10
1980	1980	5370	11	5317	11	5293	11	5176	11	4582	10	4085	8	3436	9	3017	9	2310	9
1981	1981	3510	15	3483	15	3413	15	2854	16	2483	16	1942	16	1490	16	1175	16	915	17
1982	1982	2480	17	2387	17	2214	17	1913	17	1525	17	1312	17	1241	17	1090	17	952	16
1983	1983	9610	6	9427	6	9274	6	8800	6	8348	6	7632	5	6907	4	5803	3	4124	4
1984	1984	18200	1	18030	1	17740	1	16670	1	14420	1	11890	1	9604	1	8035	1	5780	1
1985	1985	3690	14	3667	14	3584	14	3344	14	3128	12	2635	12	1834	15	1394	15	991	15
1986	1986	12900	2	12870	2	12660	2	11890	2	9692	3	6975	6	5780	6	4829	6	3394	6
1987	1987	10300	5	10230	5	10140	5	9822	5	8554	5	7938	4	7227	2	6153	2	4323	3
1988	1988	7700	7	7657	7	7504	7	7091	7	6020	7	3868	10	2719	10	2129	10	1430	12
1989	1989	769	18	741	18	681	18	576	18	517	18	416	18	390	18	335	18	271	18
1990	1990	3950	13	3940	13	3879	13	3642	12	2983	13	2244	14	1906	14	1605	14	1111	14
1991	1991	12000	3	11970	3	11840	3	11580	3	10040	2	9124	2	7162	3	5636	4	4618	2
1992	1992	3350	16	3323	16	3216	16	2902	15	2486	15	2255	13	2076	13	1730	13	1378	13
1993	1993	7040	8	6997	8	6811	8	6149	8	5088	8	4001	9	3716	8	3428	7	3015	7

**SUWANNEE RIVER BASIN**  
 02315200 DEEP CREEK NEAR SUWANNEE VALLEY, FL

LOCATION.--Lat 30°21'55", long 82°37'13", in NW<sup>1</sup>/<sub>4</sub> sec.33, T.1 N., R.17 E., Columbia County, Hydrologic Unit 03110201, near left bank on upstream side of bridge on U.S. Highway 441, 4.0 mi upstream from mouth, 7.2 mi northeast of Suwannee Valley, 12.2 mi north of Lake City.

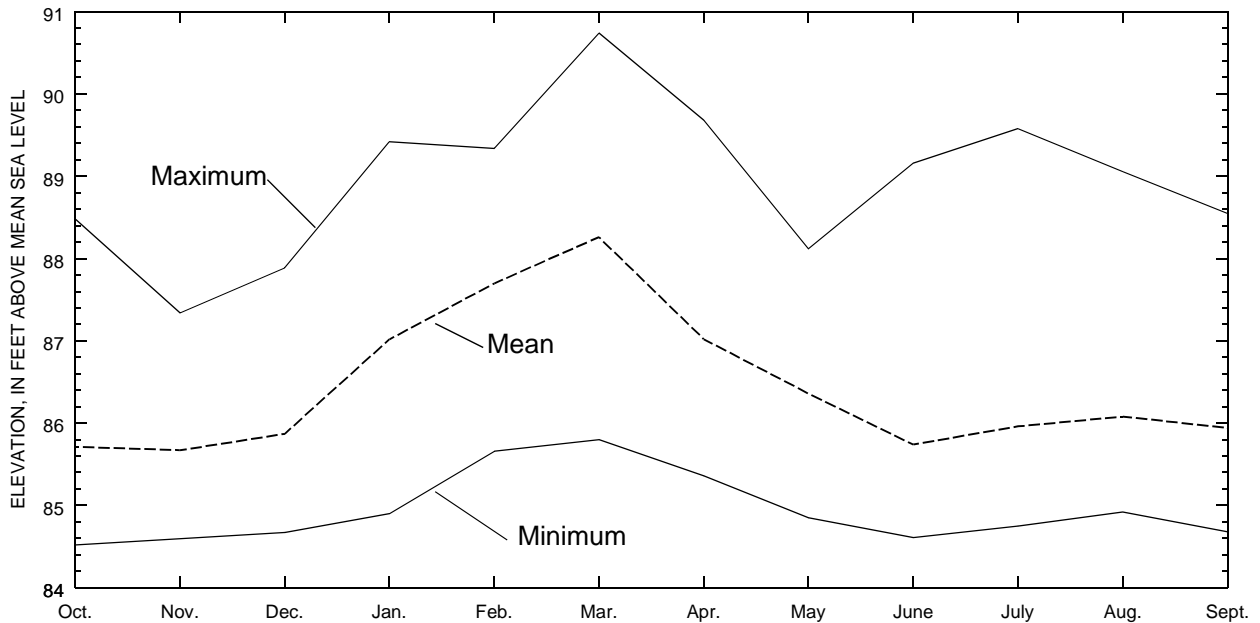
DRAINAGE AREA.--88.6 mi<sup>2</sup>.

PERIOD OF RECORD.--April 1976 to September 1981, October 1990 to 1993. Miscellaneous discharge measurements for some periods prior to April 1976.

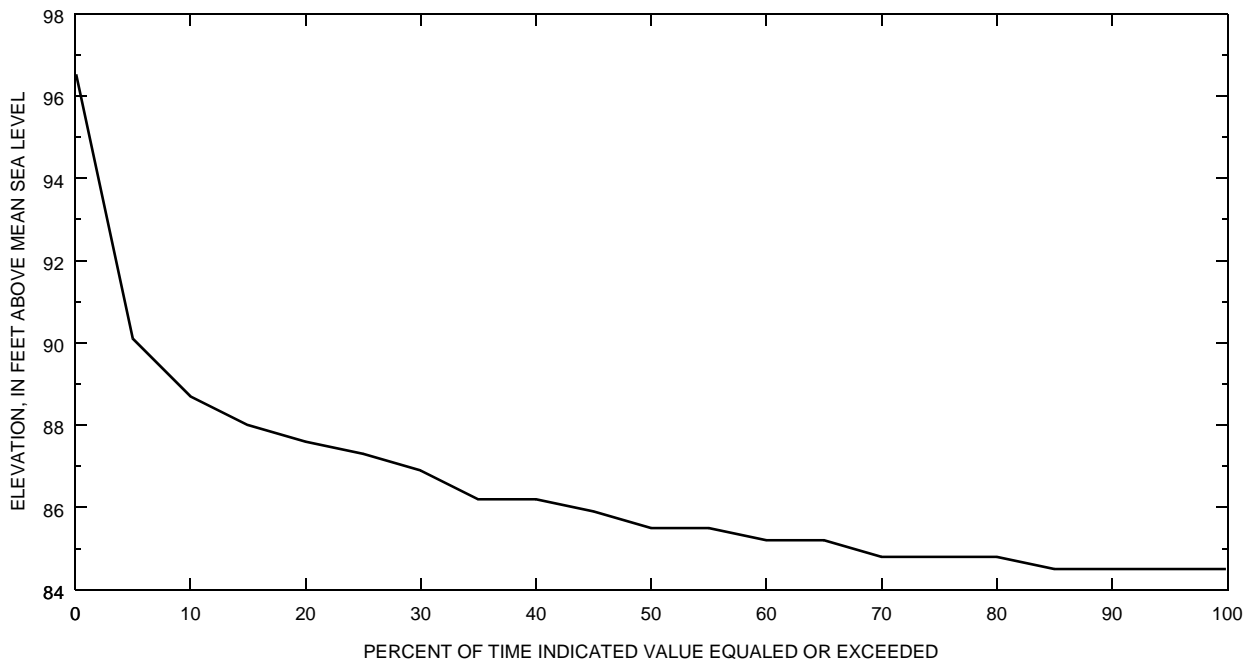
GAGE.--Water-stage recorder. Datum of gage is 82.56 ft National Geodetic Vertical Datum of 1929 (levels by L. L. Lee and Associates).

REMARKS.--Records fair.

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN ELEVATIONS FOR WATER YEARS 1976-1993**



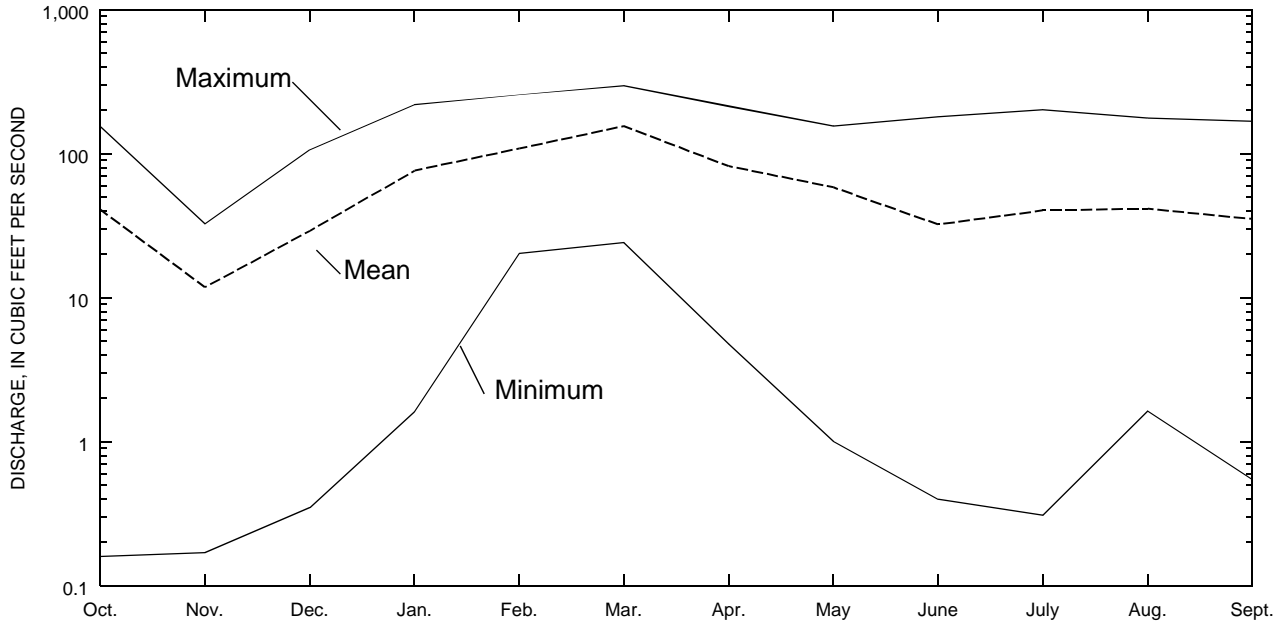
**DURATION OF DAILY MEAN ELEVATION FOR WATER YEARS 1976-1993**



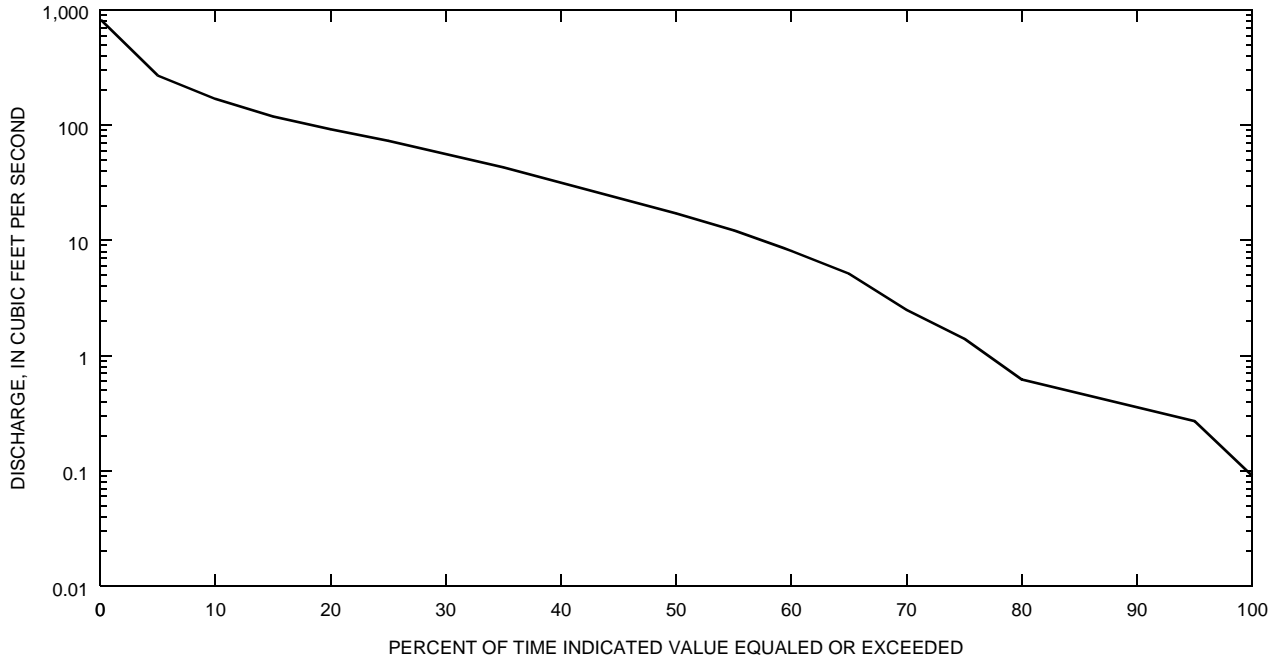
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
 FOR WATER YEARS 1976 - 1993**

ANNUAL MEAN	59.3	
HIGHEST ANNUAL MEAN	109	1991
LOWEST ANNUAL MEAN	24.1	1992
HIGHEST DAILY MEAN	937	Mar 11 1980
LOWEST DAILY MEAN	.09	Dec 22 1990
ANNUAL SEVEN-DAY MINIMUM	.09	Dec 21 1990
INSTANTANEOUS PEAK FLOW	961	Mar 11 1980
INSTANTANEOUS PEAK ELEVATION (FT)	97.64	Mar 11 1980
INSTANTANEOUS LOW FLOW	.09	Dec 22 1990
ANNUAL RUNOFF (INCHES/CSFM)	9.09/067	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1976-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1976-1993**



SUWANNEE RIVER BASIN  
02315200 DEEP CREEK NEAR SUWANNEE VALLEY, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1976-1993**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	88.47	84.52	85.71	153	.16	41.2
NOVEMBER	87.33	84.60	85.67	32.2	.17	11.9
DECEMBER	87.88	84.67	85.87	106	.35	29.3
JANUARY	89.41	84.90	87.02	218	1.63	76.7
FEBRUARY	89.33	85.66	87.70	257	20.4	109
MARCH	90.73	85.80	88.26	295	24.3	156
APRIL	89.67	85.36	87.02	211	4.78	82.3
MAY	88.11	84.85	86.36	154	1.01	58.6
JUNE	89.15	84.61	85.74	179	.40	32.4
JULY	89.57	84.75	85.96	200	.31	40.5
AUGUST	89.05	84.92	86.08	176	1.64	41.7
SEPTEMBER	88.54	84.68	85.94	167	.55	35.3

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1976-1993**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	ELEVATION IN FEET ABOVE MEAN SEA LEVEL											
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	84.5	84.5	84.6	84.7	84.6	85.0	85.4	85.0	84.6	84.5	84.5	84.5	84.5
90.0	84.5	84.5	84.6	84.7	84.6	85.2	85.7	85.2	84.6	84.5	84.5	84.5	84.5
85.0	84.5	84.5	84.8	84.7	84.8	85.8	86.1	85.2	84.6	84.8	84.5	84.5	84.8
80.0	84.8	84.8	84.8	84.7	84.8	86.2	86.1	85.5	84.6	84.8	84.5	84.8	84.8
75.0	84.8	84.8	84.8	84.8	84.8	86.4	86.4	85.5	84.9	84.8	84.5	84.8	84.8
70.0	84.8	84.8	84.9	84.9	85.1	86.6	86.4	85.5	84.9	84.8	84.8	85.1	85.1
65.0	85.2	84.8	85.0	85.1	85.1	86.8	86.7	85.7	84.9	84.8	84.8	85.1	85.1
60.0	85.2	84.8	85.2	85.1	85.4	87.0	87.1	85.9	85.1	84.8	84.8	85.1	85.1
55.0	85.5	85.0	85.2	85.4	85.6	87.2	87.4	86.2	85.4	85.0	85.1	85.3	85.1
50.0	85.5	85.0	85.3	85.5	85.6	87.2	87.4	86.4	85.6	85.0	85.1	85.3	85.4
45.0	85.9	85.3	85.3	85.6	85.9	87.4	87.7	86.9	85.9	85.3	85.3	85.3	85.4
40.0	86.2	85.3	85.4	85.7	86.4	87.6	88.1	87.1	86.1	85.3	85.3	85.6	85.4
35.0	86.2	85.3	85.6	86.0	87.1	87.9	88.4	87.6	86.4	85.3	85.6	85.9	85.7
30.0	86.9	85.5	85.8	86.2	87.7	88.1	88.7	87.6	86.4	85.6	85.9	86.2	86.3
25.0	87.3	85.8	85.9	86.7	88.2	88.3	89.4	88.1	86.9	85.6	86.2	86.8	86.3
20.0	87.6	86.3	86.0	86.9	88.5	88.5	89.8	88.3	87.4	85.8	86.8	86.8	86.6
15.0	88.0	87.1	86.2	87.3	89.0	88.7	90.4	89.1	88.1	86.9	87.6	87.1	86.9
10.0	88.7	88.2	86.3	87.8	89.5	89.3	91.5	90.0	89.2	87.5	88.2	87.7	87.5
5.0	90.1	90.6	86.5	88.1	90.6	90.4	92.9	90.8	90.7	89.4	89.4	89.2	88.1
DISCHARGE IN CUBIC FEET PER SECOND													
95.0	0.2	0.1	0.1	0.2	0.5	4.8	14.4	4.5	0.2	0.2	0.2	0.1	0.5
90.0	0.3	0.1	0.1	0.2	0.6	8.5	25.0	10.6	0.3	0.3	0.2	0.2	0.5
85.0	0.4	0.2	0.5	0.4	0.8	27.8	28.9	14.7	0.3	0.3	0.3	0.4	0.6
80.0	0.6	0.3	0.6	0.4	1.8	35.7	35.6	17.4	0.4	0.4	0.3	0.4	0.9
75.0	1.4	0.4	0.7	0.5	3.0	41.7	45.1	19.9	0.5	0.4	0.3	0.8	1.5
70.0	2.5	0.6	1.1	0.6	4.6	47.4	56.3	23.3	0.8	0.5	0.3	1.3	1.9
65.0	5.1	0.6	1.4	2.0	5.5	59.4	65.1	29.0	1.7	0.6	0.3	2.2	3.0
60.0	8.1	1.8	1.7	6.3	7.1	66.8	77.1	36.5	2.6	0.8	0.4	5.5	5.2
55.0	12.2	3.0	2.0	8.0	18.4	73.0	86.1	47.9	5.4	1.7	0.5	10.7	7.7
50.0	17.1	4.3	3.0	11.0	22.4	79.3	96.2	59.2	13.0	2.6	3.0	15.7	10.5
45.0	23.3	6.7	6.5	14.3	27.2	85.6	107.7	73.7	25.6	5.9	5.5	20.4	15.5
40.0	31.7	9.6	8.4	17.6	52.6	94.2	122.6	85.4	31.4	7.3	8.5	26.0	21.9
35.0	43.1	13.5	11.0	24.2	73.7	107.7	140.8	93.6	37.6	8.8	15.1	36.6	29.3
30.0	56.3	20.5	15.3	34.8	99.0	125.0	175.2	106.7	43.8	12.7	21.8	45.5	37.1
25.0	73.4	30.0	19.0	46.0	118.3	151.0	220.2	128.2	50.0	14.5	33.8	56.1	44.0
20.0	91.9	48.5	23.0	62.3	144.4	177.8	261.2	151.9	63.3	16.5	44.5	69.1	57.2
15.0	119.1	75.0	28.0	79.9	180.1	207.9	322.3	188.7	88.3	32.0	80.0	84.9	71.2
10.0	169.4	114.0	36.7	97.9	220.2	242.1	374.6	239.7	125.4	78.0	117.7	110.6	85.8
5.0	268.9	262.6	46.1	114.5	308.1	317.1	486.3	297.0	222.4	174.0	191.7	197.5	132.3

SUWANNEE RIVER BASIN  
02315200 DEEP CREEK NEAR SUWANNEE VALLEY, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1976 1977	85.1 6	85.2 6	85.2 6	85.2 5	85.3 5	85.4 5	85.4 5	85.4 5	85.9 5
1977 1978	84.7 2	84.8 4	84.8 4	84.8 4	84.8 3	84.8 3	84.8 2	84.9 2	85.0 2
1978 1979	84.7 3	84.7 2	84.7 2	84.7 2	84.8 2	84.8 1	84.8 1	84.8 1	84.9 1
1979 1980	85.0 5	85.0 5	85.1 5	85.3 6	85.4 6	85.8 6	85.8 6	86.0 6	86.6 6
1980 1981	84.7 4	84.7 3	84.7 3	84.8 3	84.8 4	85.1 4	85.3 4	85.3 4	85.4 3
1992 1993	84.5 1	84.5 1	84.5 1	84.5 1	84.6 1	84.8 2	84.9 3	85.2 3	85.7 4

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1977 1977	92.6 6	92.0 6	90.9 6	89.9 6	89.0 4	88.7 4	88.6 4	88.1 4	87.2 5
1978 1978	93.4 4	93.0 4	91.9 4	91.1 3	90.4 3	89.9 3	89.3 2	88.8 2	88.1 2
1979 1979	94.8 3	94.6 3	91.9 5	90.1 5	88.5 7	87.8 7	87.2 7	86.9 6	86.9 6
1980 1980	97.5 1	96.7 1	95.6 1	93.0 1	91.7 1	90.1 1	89.1 3	88.5 3	87.7 3
1981 1981	92.2 7	91.6 7	90.7 7	89.4 7	88.8 5	88.4 5	87.5 6	86.9 7	86.5 7
1991 1991	95.6 2	94.6 2	93.5 2	91.8 2	90.9 2	90.0 2	89.4 1	89.2 1	89.2 1
1993 1993	93.1 5	92.4 5	91.9 3	90.5 4	88.7 6	88.1 6	88.0 5	87.5 5	87.3 4

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1976 1977	.49 5	.65 6	1.06 6	1.56 6	2.22 6	5.39 5	6.24 5	6.75 3	24.8 6
1977 1978	.30 4	.36 4	.39 4	.40 4	.42 3	.50 1	.70 2	.93 2	1.92 1
1978 1979	.27 1	.30 2	.31 2	.32 2	.40 2	.50 2	.50 1	.55 1	2.35 2
1979 1980	3.10 7	3.30 7	5.20 7	9.12 7	13.2 7	24.7 7	26.2 7	32.5 7	65.1 7
1980 1981	.27 2	.30 3	.31 3	.36 3	1.01 5	6.02 6	10.9 6	12.2 6	13.8 3
1991 1992	.52 6	.52 5	.52 5	.53 5	.95 4	1.16 3	3.03 4	9.97 5	22.5 4
1992 1993	.28 3	.28 1	.28 1	.30 1	.36 1	1.34 4	2.11 3	7.79 4	23.6 5

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1977 1977	621 5	524 5	409 4	275 4	205 4	189 4	178 4	146 4	100 4
1978 1978	628 4	578 3	480 2	411 2	358 2	320 1	252 1	213 1	161 2
1979 1979	664 2	639 2	388 6	267 6	167 5	120 6	89.8 7	75.5 7	79.6 5
1980 1980	937 1	841 1	722 1	488 1	377 1	257 2	197 2	160 3	118 3
1981 1981	380 7	330 7	270 7	192 7	156 7	137 5	99.8 6	76.1 6	56.8 7
1991 1991	662 3	566 4	471 3	346 3	282 3	225 3	191 3	181 2	181 1
1992 1992	238 8	219 8	165 8	115 8	91.1 8	60.4 8	54.1 8	44.7 8	30.3 8
1993 1993	541 6	449 6	397 5	274 5	159 6	109 7	103 5	83.1 5	79.4 6

SUWANNEE RIVER BASIN  
02315392 ROBINSON CREEK NEAR SUWANNEE VALLEY, FL

LOCATION.--30°18'56", long 82°38'41", in NE<sup>1</sup>/<sub>4</sub> sec.18, T.2 S., R.17 E., Columbia County, Hydrologic Unit 03110201, near center of span on downstream side of bridge on State Highway 246, 3.4 mi upstream from mouth, 4.0 mi northeast of Suwannee Valley and 8.7 mi north of Lake City.

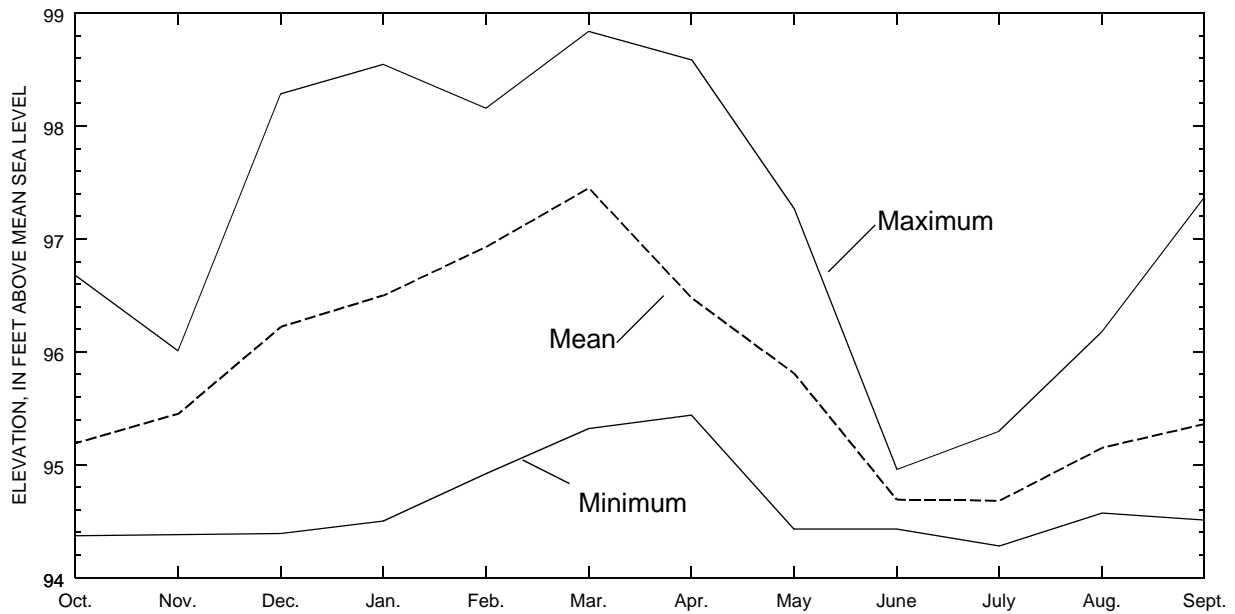
DRAINAGE AREA.--27.4 mi<sup>2</sup>.

PERIOD OF RECORD.--April 1976 to September 1981 (discontinued).

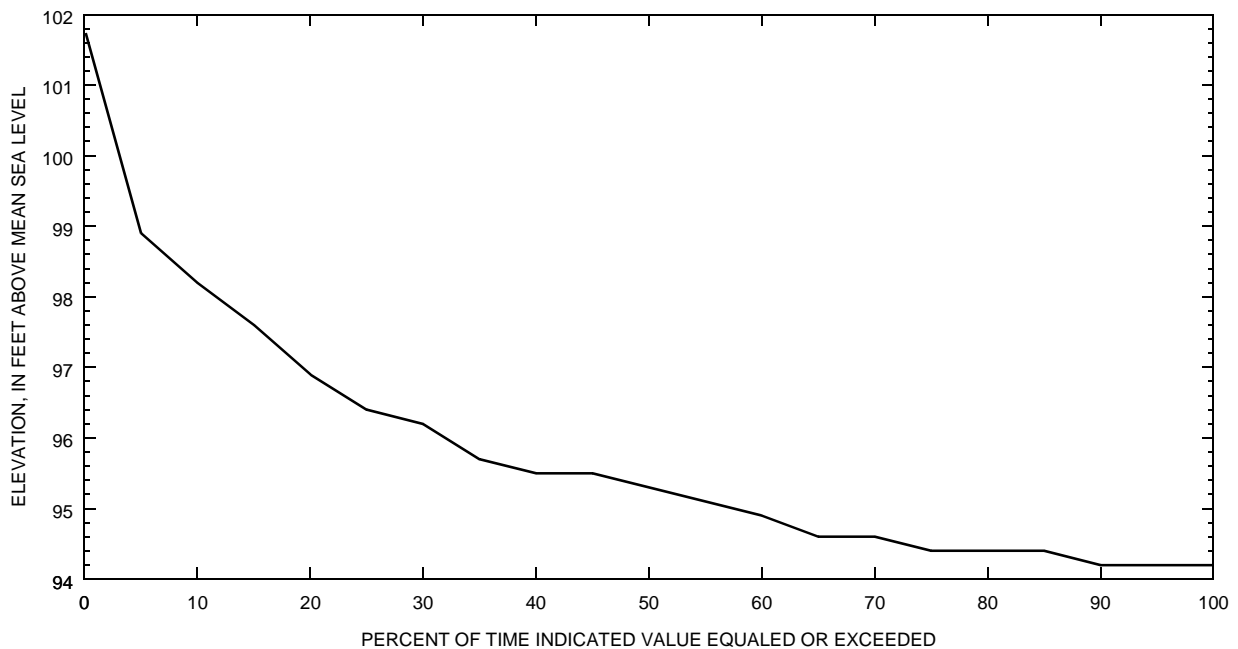
GAGE.--Water-stage recorder. Datum of gage is 93.54 ft National Geodetic Vertical Datum of 1929 (levels by L. L. Lee and Associates, from Florida Department of Transportation bench mark). Prior to Apr. 8, 1976, nonrecording gage at site 0.3 mi upstream, at datum unknown.

REMARKS.--Records poor.

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN ELEVATIONS FOR WATER YEARS 1976-1981**



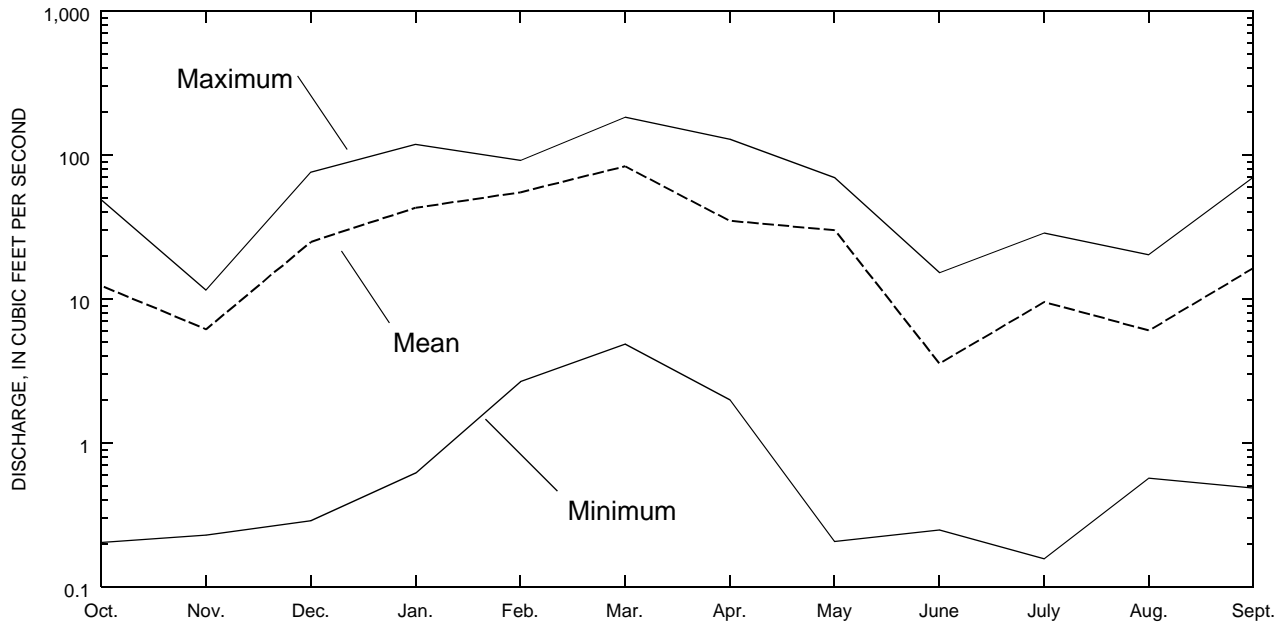
**DURATION OF DAILY MEAN ELEVATION FOR WATER YEARS 1976-1981**



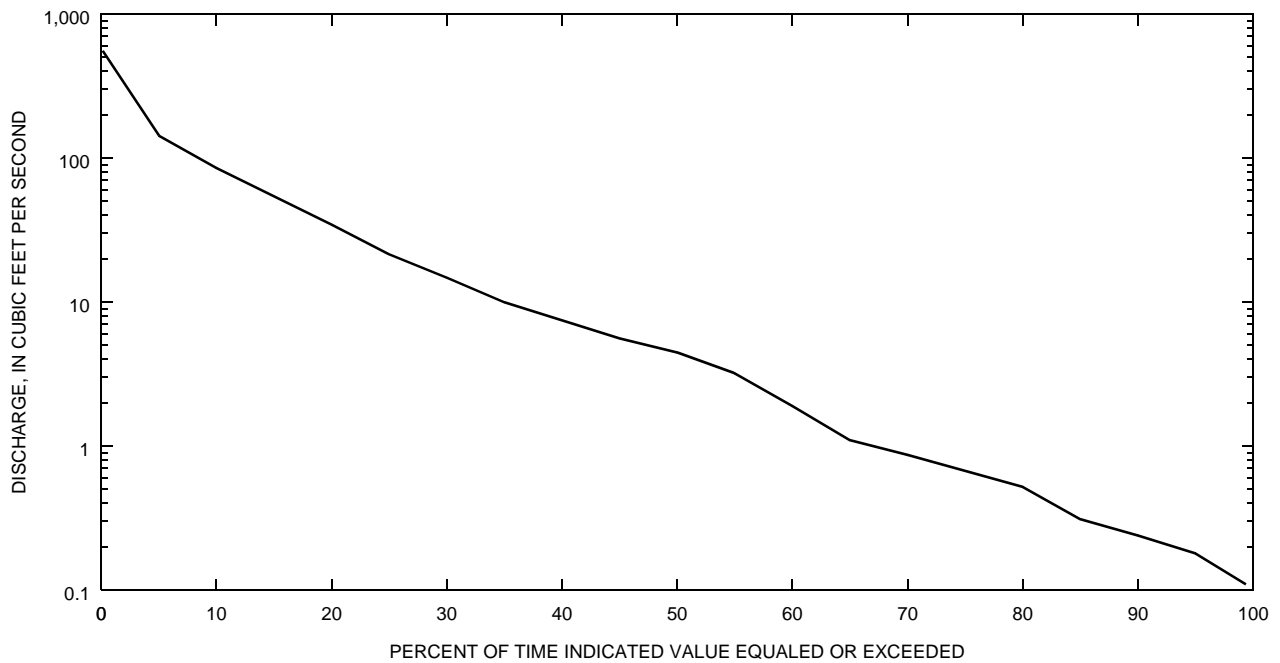
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
 FOR WATER YEARS 1976 - 1981**

ANNUAL MEAN	26.6	
HIGHEST ANNUAL MEAN	42.1	1978
LOWEST ANNUAL MEAN	13.4	1979
HIGHEST DAILY MEAN	588	Mar 11 1980
LOWEST DAILY MEAN	.00	May 8 1977
ANNUAL SEVEN-DAY MINIMUM	.00	May 8 1977
INSTANTANEOUS PEAK FLOW	762	Mar 10 1980
INSTANTANEOUS PEAK ELEVATION (FT)	102.78	Mar 10 1980
INSTANTANEOUS LOW FLOW	.00	May 8 1977
ANNUAL RUNOFF (INCHES)	13.21	
ANNUAL RUNOFF (CFSM)	.97	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1976-1981**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1976-1981**



SUWANNEE RIVER BASIN  
02315392 ROBINSON CREEK NEAR SUWANNEE VALLEY, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1976-1981**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	96.67	94.37	95.19	48.1	.204	12.37
NOVEMBER	96.00	94.38	95.45	11.4	.229	6.18
DECEMBER	98.28	94.39	96.22	75.2	.289	25.00
JANUARY	98.54	94.50	96.50	117.7	.619	43.06
FEBRUARY	98.15	94.92	96.93	91.0	2.68	55.12
MARCH	98.83	95.32	97.45	181.4	4.86	83.61
APRIL	98.58	95.44	96.48	127.5	2.00	34.93
MAY	97.26	94.43	95.81	69.0	.207	30.14
JUNE	94.95	94.43	94.69	15.1	.249	3.57
JULY	95.29	94.28	94.68	28.4	.157	9.56
AUGUST	96.17	94.57	95.15	20.1	.572	6.06
SEPTEMBER	97.36	94.51	95.36	69.3	.486	16.46

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1976-1981**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	94.2	70.1	28.2	34.7	94.4	94.6	95.0	94.8	94.2	94.3	94.2	66.2	47.0
90.0	94.2	94.3	56.4	69.4	94.4	94.6	95.4	95.0	94.2	94.4	94.2	94.3	94.0
85.0	94.4	94.3	84.6	94.4	94.6	94.9	95.4	95.2	94.5	94.4	94.2	94.4	94.4
80.0	94.4	94.3	94.4	94.4	94.7	95.4	95.6	95.2	94.5	94.5	94.2	94.4	94.4
75.0	94.4	94.3	94.9	95.3	95.1	95.4	96.0	95.3	94.7	94.5	94.3	94.4	94.4
70.0	94.6	94.3	95.0	95.4	95.3	95.7	96.2	95.3	94.8	94.5	94.3	94.5	94.4
65.0	94.6	94.3	95.3	95.6	95.3	95.9	96.4	95.5	95.0	94.5	94.5	94.5	94.6
60.0	94.9	94.3	95.3	95.6	95.3	96.2	96.6	95.6	95.1	94.5	94.5	94.5	94.7
55.0	95.1	94.4	95.4	95.7	95.4	96.5	97.0	95.6	95.1	94.5	94.5	94.5	94.7
50.0	95.3	94.6	95.5	95.9	95.4	96.8	97.3	95.8	95.5	94.6	94.5	94.6	94.9
45.0	95.5	94.8	95.6	96.0	96.1	97.1	97.5	96.0	95.6	94.6	94.5	94.8	94.9
40.0	95.5	94.9	95.7	96.3	97.0	97.4	97.7	96.3	95.8	94.6	94.5	95.1	95.1
35.0	95.7	95.2	95.8	96.5	97.4	97.6	98.1	96.6	95.9	94.8	94.5	95.3	95.2
30.0	96.2	95.4	95.8	96.8	97.8	97.8	98.3	96.9	96.1	94.8	94.5	95.4	95.2
25.0	96.4	95.6	95.8	97.4	97.9	98.1	98.5	97.3	96.2	94.9	94.5	95.7	95.4
20.0	96.9	95.7	96.1	97.8	98.3	98.4	98.9	97.6	96.5	94.9	94.6	95.8	95.7
15.0	97.6	95.9	96.3	97.9	98.7	98.7	99.1	98.4	97.3	95.0	94.6	96.2	96.1
10.0	98.2	96.4	96.4	98.3	98.9	99.1	99.4	99.1	98.3	95.1	94.8	96.4	96.7
5.0	98.9	97.4	96.6	98.4	99.2	99.2	100.0	99.4	98.8	95.2	95.1	96.6	98.6
DISCHARGE IN CUBIC FEET PER SECOND													
95.0	0.1	0.1	0.2	0.2	0.3	1.3	2.9	0.3	0.0	0.1	0.1	0.2	0.2
90.0	0.2	0.1	0.2	0.2	0.4	1.3	4.9	0.5	0.1	0.1	0.1	0.2	0.2
85.0	0.3	0.1	0.2	0.2	0.6	1.9	6.4	0.8	0.2	0.2	0.1	0.3	0.4
80.0	0.5	0.2	0.2	0.3	1.2	5.5	8.5	1.2	0.3	0.3	0.2	0.3	0.6
75.0	0.6	0.2	0.6	6.7	4.7	6.8	13.2	1.9	0.3	0.5	0.2	0.4	0.6
70.0	0.8	0.3	1.2	7.3	5.3	10.1	17.3	2.9	0.6	0.6	0.2	0.4	0.7
65.0	1.1	0.4	2.6	7.7	5.5	13.3	22.2	3.6	1.2	0.7	0.4	0.5	1.2
60.0	1.9	0.5	3.4	8.8	5.8	17.3	30.4	4.6	1.9	0.7	0.5	0.6	1.4
55.0	3.2	0.5	4.0	10.2	6.1	22.6	38.1	5.8	5.1	0.8	0.5	0.8	1.4
50.0	4.4	0.8	4.6	11.9	6.8	27.8	43.7	7.1	6.9	1.0	0.6	1.2	1.8
45.0	5.6	1.0	4.6	13.8	20.5	41.6	50.2	9.0	9.1	1.0	0.6	1.4	2.2
40.0	7.4	2.0	4.6	16.1	32.8	50.6	64.3	10.5	10.9	1.0	0.7	2.0	2.7
35.0	10.0	3.0	5.3	19.2	44.5	58.2	83.2	16.0	13.8	1.3	0.9	2.8	3.4
30.0	14.8	3.7	7.0	23.9	57.0	67.2	102.0	24.2	17.6	1.8	1.2	3.4	4.6
25.0	21.5	5.6	7.7	43.0	68.7	83.6	116.4	34.4	23.6	2.7	1.5	6.3	5.7
20.0	34.6	8.8	9.3	52.9	80.9	102.5	147.4	46.5	44.0	3.3	3.7	8.6	8.5
15.0	54.4	14.4	12.8	62.1	90.8	130.1	168.1	74.0	77.3	3.9	21.1	13.1	15.0
10.0	85.8	24.6	17.4	75.7	110.7	157.2	190.6	140.0	114.0	3.9	33.5	17.7	44.0
5.0	143.2	56.8	22.2	93.3	151.2	185.8	267.7	195.0	162.5	15.0	50.2	22.7	129.0

SUWANNEE RIVER BASIN  
02315392 ROBINSON CREEK NEAR SUWANNEE VALLEY, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183									
1977	1978	94.3	2	94.3	2	94.4	3	94.4	3	94.5	3	94.5	2	94.5	2	94.6	2	94.7	2
1978	1979	94.4	3	94.4	3	94.4	2	94.4	2	94.4	1	94.4	1	94.4	1	94.4	1	94.5	1
1979	1980	94.5	4	94.5	4	94.5	4	94.5	4	94.5	4	94.6	3	94.6	3	94.9	3	95.5	4
1980	1981	94.3	1	94.3	1	94.3	1	94.3	1	94.4	2	94.6	4	95.1	4	95.2	4	95.2	3

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183									
1977	1977	100	3	99.8	4	99.4	4	99.0	3	98.4	3	98.2	3	98.1	2	97.7	2	97.0	2
1978	1978	101	2	100	2	99.9	2	99.3	2	99.0	2	98.7	2	98.5	1	98.4	1	97.7	1
1979	1979	100	4	100	3	99.0	5	98.8	5	97.4	5	96.6	5	96.2	5	95.9	5	95.7	5
1980	1980	102	1	102	1	101	1	100	1	99.6	1	98.8	1	97.9	3	97.4	3	96.8	3
1981	1981	99.9	5	99.6	5	99.5	3	98.8	4	98.3	4	97.6	4	96.9	4	96.6	4	96.3	4

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183									
1976	1977	.27	4	.32	4	.48	5	.74	5	.95	5	2.15	5	8.09	5	7.28	4	12.0	4
1977	1978	.0000	1	.0000	1	.0000	1	.028	1	.13	1	.19	1	.20	1	.29	2	.56	1
1978	1979	.19	2	.19	2	.20	2	.20	2	.20	2	.21	2	.22	2	.25	1	.62	2
1979	1980	.33	5	.34	5	.35	4	.42	4	.48	3	.68	3	.92	3	3.03	3	21.0	5
1980	1981	.25	3	.25	3	.26	3	.28	3	.52	4	2.07	4	5.93	4	7.36	5	7.30	3

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183									
1977	1977	297	3	238	4	188	3	128	5	97.6	4	83.7	3	77.0	3	63.5	3	43.5	3
1978	1978	395	2	340	2	270	2	187	2	158	2	139	2	115	1	103	1	80.3	1
1979	1979	249	4	244	3	154	5	130	4	69.3	5	41.2	5	29.1	5	22.5	5	25.3	5
1980	1980	588	1	531	1	464	1	307	1	233	1	159	1	113	2	88.2	2	63.1	2
1981	1981	238	5	202	5	187	4	135	3	101	3	70.6	4	49.3	4	38.7	4	29.6	4

**SUWANNEE RIVER BASIN**  
02315500 SUWANNEE RIVER AT WHITE SPRINGS, FL

LOCATION.--Lat 30°19'32", long 82°44'18", in SW<sup>1</sup>/<sub>4</sub> sec.8, T.2 S., R.16 E., Columbia County, Hydrologic Unit 03110201, on downstream side of bridge on U.S. Highway 41, 1.0 mi southeast of White Springs and 171 mi upstream from mouth.

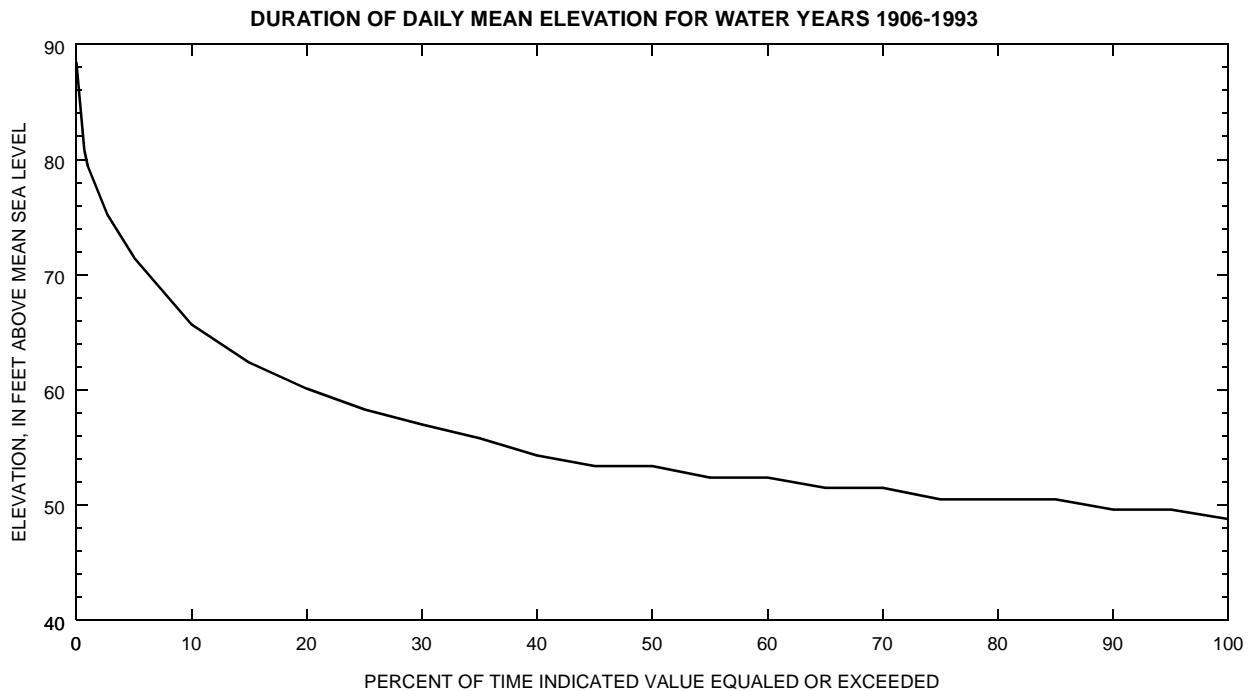
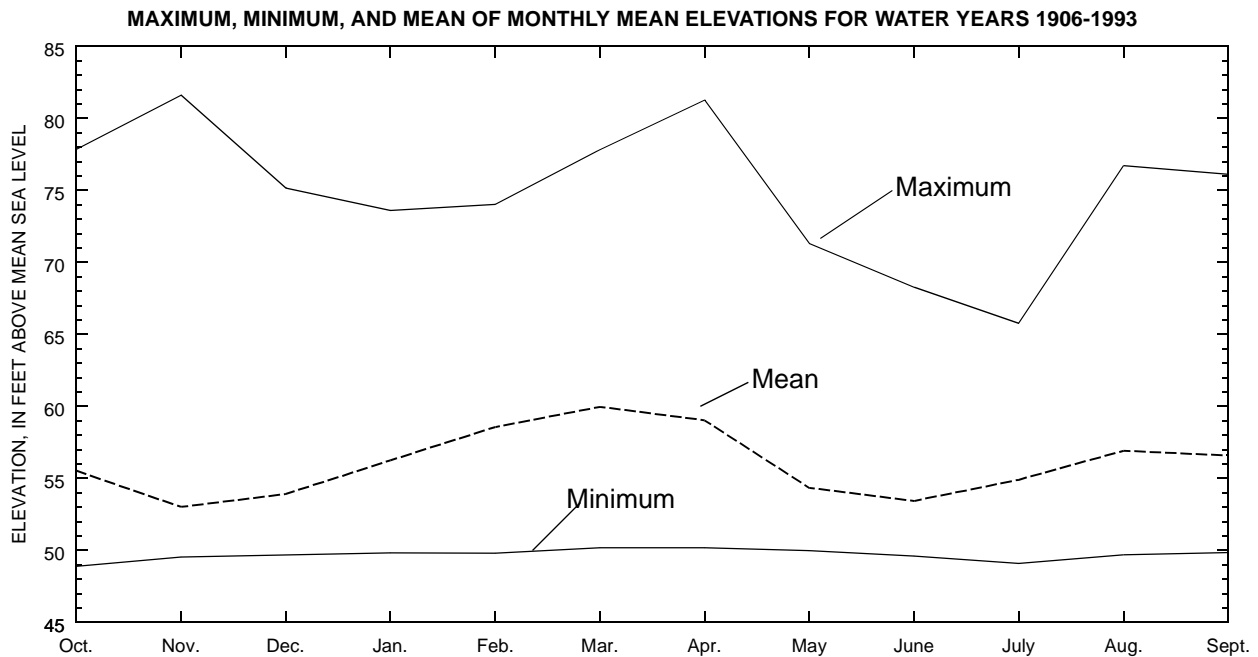
DRAINAGE AREA.--2,430 mi<sup>2</sup> approximately, includes part of watershed in Okefenokee Swamp which is indeterminate.

PERIOD OF RECORD.--May 1906 to December 1908, February 1927 to 1993.

REVISED RECORDS.--WSP 1504: 1906, 1908. WSP 1905: WDR FL-75-1: Drainage area.

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to July 31, 1932, nonrecording gage at site 1.0 mi downstream at datum 48.54 ft. August 1, 1932 to October 10, 1979, water-stage recorder, at present site, at datum 48.54 ft. October 11, 1979 to December 1, 1983, nonrecording gage at site 2.2 miles downstream at NGVD.

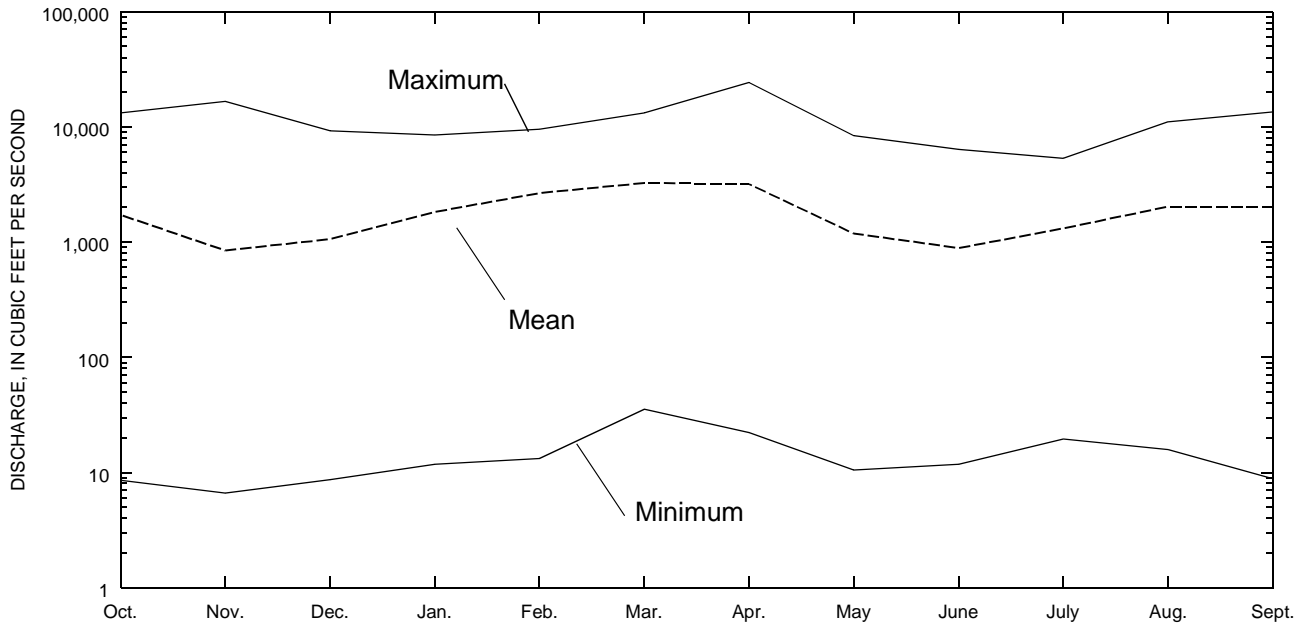
REMARKS.--Records good, except for estimated daily discharges, which are fair.



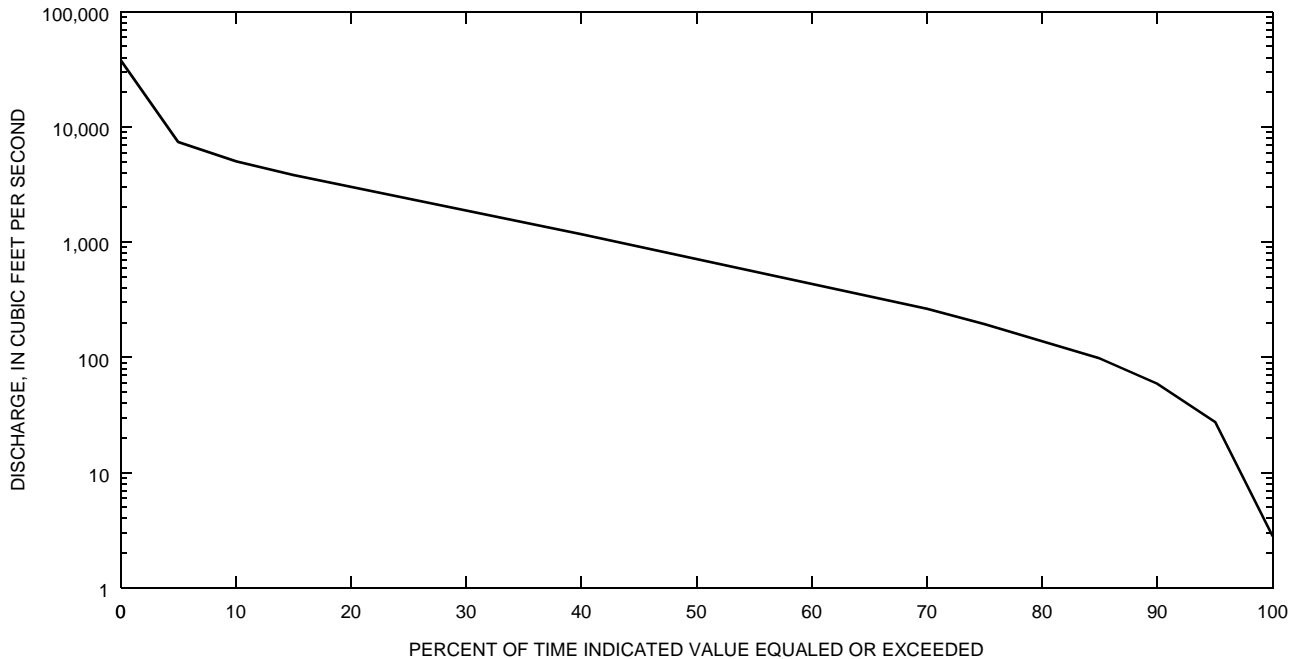
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
 FOR WATER YEARS 1906 - 1993**

ANNUAL MEAN	1837	
HIGHEST ANNUAL MEAN	6806	1948
LOWEST ANNUAL MEAN	155	1955
HIGHEST DAILY MEAN	38000	Apr 10 1973
LOWEST DAILY MEAN	2.8	Sep 26 1990
ANNUAL SEVEN-DAY MINIMUM	3.4	Sep 26 1990
INSTANTANEOUS PEAK FLOW	38100	Apr 10 1973
INSTANTANEOUS PEAK ELEVATION (FT)	88.56	Apr 10 1973
INSTANTANEOUS LOW FLOW	2.8	Sep 26 1990
ANNUAL RUNOFF (INCHES/CSFM)	10.27/0.76	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1906-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1906-1993**



SUWANNEE RIVER BASIN

02315500 SUWANNEE RIVER AT WHITE SPRINGS, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS FOR WATER YEARS 1906-1993**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	77.79	48.88	55.52	13100	8.55	1720
NOVEMBER	81.54	49.54	53.01	16450	6.63	845
DECEMBER	75.11	49.70	53.91	9103	8.68	1060
JANUARY	73.56	49.83	56.24	8401	11.8	1828
FEBRUARY	73.97	49.78	58.56	9406	13.2	2664
MARCH	77.78	50.17	59.96	13040	35.5	3254
APRIL	81.23	50.17	59.03	23910	22.2	3200
MAY	71.26	49.98	54.33	8288	10.5	1187
JUNE	68.21	49.59	53.43	6317	11.8	887
JULY	65.71	49.09	54.90	5274	19.6	1315
AUGUST	76.65	49.69	56.91	10870	15.8	2033
SEPTEMBER	76.07	49.84	56.58	13310	8.82	2018

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1906-1908, 1927-1993**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	ELEVATION IN FEET ABOVE MEAN SEA LEVEL											
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	49.6	49.6	49.6	49.3	49.7	49.7	50.6	49.9	49.5	49.8	49.4	49.7	50.0
90.0	49.6	49.6	49.6	49.9	49.7	50.5	50.6	50.8	50.2	49.8	50.2	50.5	50.0
85.0	50.5	50.4	49.6	49.9	50.4	51.2	51.4	50.8	50.2	49.8	50.2	51.3	50.8
80.0	50.5	50.4	50.4	49.9	51.1	51.2	52.2	51.7	50.2	50.5	50.9	51.3	50.8
75.0	50.5	50.4	50.4	50.6	51.1	52.0	53.0	51.7	50.9	50.5	50.9	52.1	50.8
70.0	51.5	51.2	50.4	50.6	51.8	52.7	53.9	52.6	50.9	50.5	51.6	52.1	51.7
65.0	51.5	51.2	50.4	50.6	51.8	53.5	54.7	53.5	50.9	51.1	52.3	52.9	52.5
60.0	52.4	51.2	50.4	51.3	51.8	54.3	54.7	53.5	51.7	51.1	52.3	52.9	52.5
55.0	52.4	52.1	51.2	51.3	52.6	55.1	55.6	54.4	51.7	51.1	52.3	53.7	53.4
50.0	53.4	52.1	51.2	51.3	52.6	56.7	56.4	55.4	52.4	51.1	53.1	54.6	54.3
45.0	53.4	52.9	51.2	52.1	54.1	57.6	58.2	56.3	52.4	51.8	53.8	55.4	54.3
40.0	54.3	53.8	52.1	52.1	54.8	59.3	59.1	57.9	53.2	51.8	54.6	56.3	55.2
35.0	55.8	53.8	52.1	52.8	56.4	60.2	61.0	59.1	54.0	52.5	55.4	57.2	56.1
30.0	57.0	54.7	52.1	53.5	57.9	61.9	61.9	60.7	54.8	53.2	56.2	58.1	57.0
25.0	58.3	56.5	52.9	54.3	59.6	62.9	63.9	63.0	54.8	53.9	57.0	59.0	57.9
20.0	60.1	58.4	53.8	55.8	61.3	64.7	66.8	65.9	56.4	54.6	57.8	59.9	60.8
15.0	62.4	61.6	54.7	57.3	63.0	66.6	69.9	70.0	57.2	56.1	59.4	62.7	63.0
10.0	65.7	64.7	56.5	59.0	65.7	69.3	74.3	73.5	58.9	59.1	61.1	66.8	66.1
5.0	71.5	71.9	60.3	65.0	69.4	73.2	77.5	77.6	64.3	63.2	63.8	71.8	71.3
DISCHARGE IN CUBIC FEET PER SECOND													
95.0	27.7	21.4	17.0	21.3	28.9	45.5	77.2	49.8	22.0	20.2	34.9	29.4	58.7
90.0	59.2	42.4	32.2	31.6	54.3	116.2	189.4	134.8	52.8	41.0	60.6	91.9	97.0
85.0	97.8	74.5	52.7	56.9	116.9	190.9	302.6	214.1	87.2	62.9	97.3	186.0	148.0
80.0	139.8	106.8	75.3	74.4	161.3	292.1	430.7	303.9	120.5	87.3	165.9	272.5	205.9
75.0	194.6	147.1	100.4	97.4	224.8	404.2	693.0	427.6	161.4	107.2	234.2	356.5	286.6
70.0	263.6	201.7	121.1	122.9	306.3	558.8	946.6	589.5	206.0	130.3	326.7	471.8	412.8
65.0	346.0	260.3	141.6	153.9	373.2	798.4	1182.3	770.1	255.8	162.8	408.8	581.4	544.5
60.0	444.7	339.8	162.1	204.5	478.0	1074.6	1408.4	979.8	322.9	198.1	496.6	748.6	682.3
55.0	569.5	426.0	192.5	272.6	563.0	1444.6	1640.0	1208.0	427.2	237.6	606.9	920.1	816.4
50.0	727.4	527.1	238.5	329.1	725.1	1866.9	2037.4	1456.1	531.0	291.5	739.3	1165.0	1002.5
45.0	915.7	661.3	314.9	401.9	912.2	2277.6	2521.5	1806.5	648.3	371.9	897.2	1436.5	1219.2
40.0	1168.3	836.4	401.1	507.0	1253.5	2709.3	2958.7	2245.7	794.7	446.2	1108.4	1719.9	1437.9
35.0	1467.2	1082.0	502.0	644.4	1649.8	3248.8	3390.3	2707.4	967.8	585.4	1344.4	2023.5	1745.8
30.0	1857.1	1427.9	637.8	818.4	2250.0	3714.6	3865.0	3268.3	1188.1	739.8	1582.5	2362.0	2111.0
25.0	2359.2	1906.4	800.8	1080.9	2906.3	4230.5	4532.8	4044.5	1459.4	958.0	1853.7	2759.8	2528.3
20.0	2982.8	2578.0	974.9	1537.8	3624.9	4785.9	5494.5	5192.6	1779.0	1239.8	2259.0	3240.8	3296.5
15.0	3825.9	3437.1	1272.5	2186.1	4374.2	5735.2	6658.0	6693.5	2203.3	1672.1	2744.6	4010.2	4131.2
10.0	5060.1	4573.0	1703.4	2824.4	5345.4	6750.4	8569.4	8365.3	2912.0	2579.3	3389.4	5541.3	5189.8
5.0	7399.6	7393.6	3162.0	4855.8	6988.7	8164.1	10541.3	10802.8	4735.8	4195.5	4460.9	7522.9	7332.9

SUWANNEE RIVER BASIN  
02315500 SUWANNEE RIVER AT WHITE SPRINGS, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1907 1908	50.4 20	50.4 20	50.4 20	50.5 20	50.8 22	51.2 24	51.3 23	51.7 23	53.5 25
1927 1928	50.4 19	50.4 19	50.4 19	50.4 19	50.5 19	50.6 19	50.7 17	50.7 14	51.0 10
1930 1931	52.0 39	52.0 39	52.1 39	52.1 39	52.7 39	53.9 36	54.2 35	54.1 34	54.4 29
1931 1932	50.3 16	50.3 16	50.3 16	50.3 16	50.3 15	50.3 12	50.3 12	50.3 8	50.4 5
1934 1935	49.9 11	49.9 10	49.9 11	50.0 11	50.0 11	50.2 10	50.2 11	50.4 9	50.7 7
1935 1936	49.7 8	49.7 8	49.7 9	49.8 9	49.8 8	49.9 8	50.0 6	50.5 10	53.8 27
1942 1943	50.3 18	50.4 18	50.4 18	50.4 18	50.4 18	50.5 17	50.7 16	50.9 16	51.4 15
1943 1944	49.9 10	49.9 11	49.9 10	49.9 10	49.9 10	50.0 9	50.0 8	50.2 6	50.4 6
1955 1956	49.6 4	49.6 5	49.6 5	49.6 5	49.7 5	49.8 5	49.8 3	49.9 3	50.9 9
1956 1957	49.7 9	49.7 9	49.7 6	49.7 6	49.8 6	49.8 6	49.8 4	49.9 4	50.3 4
1957 1958	51.7 38	51.8 38	51.9 38	52.0 38	52.4 38	53.3 35	55.4 38	55.9 38	56.3 35
1958 1959	50.3 17	50.3 17	50.3 17	50.4 17	50.4 17	50.5 16	50.6 14	50.8 15	51.8 18
1961 1962	50.6 21	50.6 21	50.6 21	50.7 23	50.9 24	51.0 20	51.2 20	51.5 20	52.5 23
1962 1963	50.6 22	50.6 22	50.7 22	50.7 21	50.8 23	51.1 23	51.5 24	52.1 25	52.4 20
1963 1964	50.1 13	50.1 13	50.1 13	50.2 13	50.2 12	50.4 15	50.7 18	51.0 17	51.6 16
1964 1965	51.2 32	51.2 31	51.3 31	51.5 32	51.9 33	53.9 38	59.2 39	59.3 39	64.4 39
1965 1966	51.2 34	51.3 34	51.3 33	51.5 33	51.9 34	52.3 31	53.4 32	53.9 32	55.3 33
1966 1967	51.6 37	51.6 37	51.7 37	51.7 36	52.0 36	52.6 33	54.0 34	54.1 33	57.2 37
1967 1968	50.1 14	50.2 14	50.2 14	50.2 14	50.2 13	50.3 13	50.6 15	51.1 18	51.3 14
1968 1969	50.0 12	50.0 12	50.0 12	50.1 12	50.2 14	50.3 14	50.5 13	50.6 13	51.0 11
1969 1970	51.0 28	51.0 29	51.1 28	51.2 29	51.9 35	54.6 39	54.7 37	54.9 37	56.6 36
1970 1971	51.0 29	51.0 28	51.1 29	51.1 28	51.2 28	51.5 26	51.7 26	52.3 27	53.5 26
1971 1972	51.2 31	51.2 32	51.4 34	51.5 34	51.7 31	52.6 34	53.7 33	54.5 36	57.3 38
1972 1973	50.6 24	50.6 24	50.7 24	50.7 24	50.8 21	51.0 21	51.3 21	51.6 21	52.3 19
1973 1974	50.8 26	50.9 26	50.9 26	51.0 27	51.1 26	51.3 25	51.6 25	51.9 24	52.4 22
1974 1975	50.9 27	50.9 27	51.0 27	51.0 26	51.1 27	51.5 27	52.2 29	52.9 29	54.6 31
1975 1976	51.5 36	51.6 36	51.6 36	51.6 35	51.7 30	52.1 30	52.5 30	53.1 30	53.9 28
1976 1977	51.1 30	51.2 30	51.3 32	51.4 31	51.8 32	53.9 37	54.4 36	54.4 35	55.8 34
1977 1978	49.7 6	49.7 6	49.7 7	49.7 8	49.8 9	50.2 11	50.2 10	50.5 11	51.2 13
1978 1979	49.6 5	49.6 4	49.6 4	49.6 4	49.6 4	49.7 3	49.7 2	49.7 2	50.2 3
1979 1980	51.5 35	51.5 35	51.6 35	51.8 37	52.1 37	52.5 32	52.6 31	53.3 31	54.8 32
1980 1981	48.9 2	48.9 2	49.0 2	49.0 2	49.2 2	49.7 4	50.2 9	50.5 12	50.7 8
1981 1982	48.7 1	48.8 1	48.8 1	48.8 1	48.8 1	49.2 1	49.3 1	49.4 1	49.5 1
1982 1983	49.3 3	49.3 3	49.4 3	49.4 3	49.5 3	49.6 2	49.8 5	50.3 7	51.8 17
1983 1984	50.7 25	50.7 25	50.8 25	50.8 25	51.1 25	51.6 28	52.0 28	52.4 28	52.9 24
1984 1985	51.2 33	51.2 33	51.3 30	51.3 30	51.5 29	51.8 29	52.0 27	52.2 26	52.4 21
1985 1986	50.6 23	50.6 23	50.7 23	50.7 22	50.8 20	51.0 22	51.3 22	51.7 22	54.5 30
1986 1987	50.2 15	50.2 15	50.2 15	50.2 15	50.4 16	50.6 18	51.0 19	51.2 19	51.1 12
1990 1991	49.7 7	49.7 7	49.7 8	49.7 7	49.8 7	49.9 7	50.0 7	50.0 5	50.0 2

SUWANNEE RIVER BASIN  
02315500 SUWANNEE RIVER AT WHITE SPRINGS, FL--Continued

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183
1907	1907	61.2	59.9	59.6	59.1	58.2	57.2	55.7	54.5	53.5
1908	1908	69.4	69.4	69.2	69.0	68.7	66.1	65.0	62.3	59.7
1928	1928	82.4	82.2	81.8	78.0	75.9	72.1	69.4	66.2	67.2
1930	1930	81.9	81.9	81.6	80.8	77.4	72.1	70.4	68.4	64.4
1931	1931	63.5	63.5	63.3	62.7	61.3	59.7	58.8	58.5	57.7
1932	1932	77.8	77.8	77.5	76.0	68.2	64.6	60.7	58.8	55.9
1934	1934	58.6	58.2	57.4	56.1	55.2	54.1	53.8	53.1	52.1
1935	1935	69.6	69.5	69.1	68.4	66.1	60.6	57.8	55.8	53.8
1943	1943	54.3	54.2	53.7	52.8	52.3	52.1	52.0	51.8	51.5
1944	1944	72.8	72.7	72.4	71.8	70.2	67.1	65.3	62.1	61.4
1948	1948	85.2	85.1	84.7	83.3	82.6	79.9	78.1	75.6	74.6
1955	1955	62.5	62.4	61.8	59.2	55.6	52.9	51.9	51.3	50.9
1956	1956	56.7	56.6	56.3	55.4	54.3	52.8	52.7	52.6	52.2
1957	1957	76.1	75.7	74.0	71.5	65.9	60.8	59.1	57.9	56.3
1958	1958	74.6	74.2	73.1	72.5	70.8	66.1	63.9	61.8	60.6
1961	1961	73.6	73.5	73.1	71.7	67.4	61.5	60.6	59.9	58.2
1962	1962	77.2	77.1	76.7	75.3	69.8	63.1	59.7	57.9	55.8
1963	1963	68.7	68.7	68.6	68.0	66.2	63.0	60.4	58.4	56.0
1964	1964	84.3	84.3	84.1	83.1	76.1	74.4	69.1	67.7	64.4
1965	1965	79.1	78.4	77.6	76.6	75.4	72.2	68.3	67.7	65.7
1966	1966	79.3	79.3	79.1	78.6	76.6	73.5	69.9	66.4	64.7
1967	1967	70.7	70.6	70.5	69.8	65.9	64.9	61.9	59.5	57.9
1968	1968	53.3	53.3	53.2	53.1	52.6	52.2	52.0	51.8	51.3
1969	1969	64.9	64.9	64.5	62.1	59.9	59.4	57.7	57.4	56.6
1970	1970	79.4	79.4	79.1	78.3	74.7	66.3	64.9	63.8	62.2
1971	1971	73.4	73.4	73.1	72.2	69.4	65.5	62.3	59.7	58.2
1972	1972	75.8	75.8	75.6	75.3	74.3	69.9	67.0	65.4	62.1
1973	1973	88.5	88.5	88.2	87.1	83.6	75.7	72.9	70.7	67.9
1974	1974	63.2	63.2	63.1	62.8	61.5	58.0	56.4	55.4	54.7
1975	1975	77.3	77.3	77.0	75.7	71.3	65.4	64.6	64.3	61.1
1976	1976	67.3	67.2	67.0	65.9	62.4	60.2	58.2	57.1	56.2
1977	1977	77.0	77.0	76.8	76.3	75.0	73.0	69.2	67.1	63.0
1978	1978	68.1	68.1	68.0	67.4	65.5	64.2	62.9	61.7	59.4
1979	1979	63.2	63.2	62.9	62.1	59.2	58.0	57.7	57.5	56.7
1980	1980	69.8	69.4	68.1	66.8	65.1	63.8	61.4	60.1	57.7
1981	1981	61.5	61.3	60.9	59.1	58.5	57.1	55.5	54.3	53.4
1982	1982	60.9	60.3	59.2	57.5	56.6	55.2	54.8	54.4	53.8
1983	1983	74.5	74.4	74.2	73.5	73.2	71.5	69.7	66.9	62.4
1984	1984	85.4	85.4	85.3	84.6	82.7	78.9	74.5	71.4	66.3
1985	1985	63.4	63.3	63.1	62.8	62.0	60.3	57.6	56.0	54.5
1986	1986	80.7	80.6	80.5	79.8	77.0	71.2	68.7	66.1	62.0
1987	1987	77.4	77.4	77.2	76.7	74.8	73.7	72.6	69.9	64.7
1990	1990	63.2	63.1	63.0	62.5	60.7	58.5	57.5	56.6	54.8
1991	1991	79.8	79.7	79.6	79.2	77.0	74.9	70.8	67.1	65.1

SUWANNEE RIVER BASIN  
02315500 SUWANNEE RIVER AT WHITE SPRINGS, FL--Continued

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1907 1908	18.0 16	18.0 15	18.0 14	21.9 16	70.4 26	139 34	165 30	264 30	848 40
1927 1928	12.0 10	12.0 10	12.4 9	13.6 10	23.2 13	49.1 16	65.0 13	62.9 10	130 12
1928 1929	520 65	540 65	564 65	591 65	674 65	947 62	1542 64	2318 66	4881 66
1929 1930	520 66	540 66	633 66	669 66	725 66	1240 66	1557 65	1942 65	2835 65
1930 1931	300 61	300 61	309 61	336 61	466 62	842 60	929 57	900 51	1010 44
1931 1932	4.80 2	5.07 2	5.20 2	5.58 2	6.50 2	7.46 1	7.94 1	8.80 1	12.4 1
1932 1933	6.60 3	6.60 3	6.60 3	7.21 3	9.93 3	13.5 4	219 37	293 36	1735 56
1933 1934	35.0 22	36.3 22	37.6 21	37.9 18	38.4 17	41.1 13	44.7 11	54.4 9	102 9
1934 1935	8.50 6	8.67 6	9.36 6	11.2 7	15.4 9	24.2 11	29.7 9	46.3 8	78.4 6
1935 1936	7.60 5	7.60 4	7.99 4	9.01 4	11.7 4	13.8 5	17.1 3	102 14	1083 45
1936 1937	32.0 20	33.0 20	34.0 18	41.1 21	66.0 25	157 38	159 28	180 22	215 16
1937 1938	223 56	226 56	241 55	279 56	332 54	516 54	614 51	673 47	1468 50
1938 1939	16.0 14	16.7 13	18.1 15	21.6 15	30.4 16	38.4 12	78.1 17	173 20	251 19
1939 1940	108 42	109 42	112 41	125 40	145 40	154 37	190 33	270 31	842 39
1940 1941	17.0 15	17.0 14	17.0 13	17.5 13	18.2 12	20.1 10	36.2 10	78.7 11	124 11
1941 1942	11.0 9	11.3 9	12.4 10	13.2 9	15.8 10	42.6 15	118 23	392 39	467 27
1942 1943	44.0 27	44.7 27	46.6 27	47.9 26	52.0 23	61.2 19	76.8 16	111 16	198 15
1943 1944	9.50 8	9.80 8	10.3 7	10.7 6	12.3 5	12.4 3	15.4 2	30.4 7	58.9 4
1944 1945	135 46	142 46	159 48	300 58	504 63	1018 64	1894 66	1846 64	2053 62
1945 1946	54.0 31	57.7 31	65.7 31	77.1 33	116 37	288 45	379 43	1076 57	1836 57
1946 1947	328 63	328 63	331 63	337 62	369 58	447 52	604 50	779 50	1861 59
1947 1948	590 67	595 67	658 67	800 67	1014 67	1251 67	1331 63	1367 61	2218 63
1948 1949	211 55	222 55	241 56	278 55	431 61	624 57	1056 59	1419 62	1539 53
1949 1950	102 41	105 41	115 42	127 41	145 41	174 39	216 36	270 32	762 36
1950 1951	90.0 36	100 40	112 40	146 45	245 46	262 44	435 46	517 43	701 35
1951 1952	34.0 21	34.7 21	37.3 20	40.0 19	49.8 21	63.2 20	92.0 18	219 26	667 33
1952 1953	38.0 23	38.7 24	42.7 25	42.9 23	49.7 20	56.5 17	74.4 15	95.9 12	107 10
1953 1954	47.0 28	49.0 29	57.3 30	68.1 30	83.3 31	136 32	421 44	663 46	1511 52
1954 1955	8.70 7	9.10 7	10.3 8	11.4 8	12.5 6	15.1 6	18.5 7	22.1 4	23.0 3
1955 1956	7.50 4	7.90 5	8.70 5	9.64 5	12.7 7	16.1 7	18.4 6	20.7 3	233 18
1956 1957	14.0 12	14.0 12	14.3 12	14.6 12	17.0 11	19.4 9	22.0 8	29.1 6	70.3 5
1957 1958	249 57	266 58	297 60	326 60	413 59	654 58	1319 62	1540 63	1686 55
1958 1959	66.0 33	66.0 33	68.6 32	73.0 31	79.9 30	89.4 24	95.5 19	136 18	353 25
1959 1960	310 62	314 62	329 62	371 63	415 60	438 51	587 49	751 49	991 43
1960 1961	258 59	268 59	285 59	307 59	353 57	419 49	745 53	1205 59	1895 60
1961 1962	94.0 38	96.0 38	101 38	108 39	136 39	147 36	189 32	258 29	542 32
1962 1963	94.0 39	96.7 39	104 39	105 37	129 38	179 40	230 39	395 40	483 31
1963 1964	38.0 24	38.3 23	40.3 23	42.1 22	46.9 19	64.1 21	135 25	181 24	320 22
1964 1965	172 50	175 49	191 49	221 49	313 50	951 63	2817 67	3144 67	5197 67
1965 1966	181 51	190 51	200 50	234 51	315 51	430 50	761 54	915 52	1349 48
1966 1967	250 58	255 57	259 57	268 54	332 55	500 53	939 58	949 54	2032 61
1967 1968	41.0 25	41.7 25	42.4 24	43.4 25	46.5 18	60.1 18	110 21	205 25	232 17
1968 1969	31.0 19	32.7 19	37.6 22	43.3 24	51.4 22	64.8 22	97.6 20	103 15	181 14
1969 1970	135 47	146 48	149 46	174 47	348 56	1182 65	1227 61	1288 60	1839 58
1970 1971	142 48	144 47	150 47	153 46	168 44	232 42	280 41	449 42	817 37
1971 1972	168 49	180 50	209 52	239 52	298 49	519 55	856 56	1121 58	2219 64
1972 1973	90.0 37	91.7 36	97.4 37	105 38	111 36	140 35	205 34	284 35	471 30
1973 1974	120 43	125 44	131 44	139 44	150 42	190 41	270 40	336 38	469 28
1974 1975	130 45	130 45	136 45	139 43	155 43	252 43	422 45	597 44	1189 46
1975 1976	268 60	270 60	279 58	285 57	294 48	399 48	518 48	696 48	943 42
1976 1977	188 53	194 53	220 54	246 53	325 53	910 61	1069 60	1063 55	1601 54
1977 1978	19.0 17	19.3 17	20.1 16	21.4 14	29.7 15	70.6 23	68.8 14	115 17	259 20
1978 1979	13.0 11	13.0 11	13.1 11	13.9 11	14.4 8	16.3 8	17.6 5	22.3 5	81.4 7
1979 1980	432 64	466 64	521 64	578 64	667 64	804 59	827 55	1065 56	1503 51
1980 1981	26.0 18	28.0 18	37.1 19	40.0 20	62.2 24	131 31	227 38	302 37	342 24
1981 1982	15.0 13	18.3 16	21.9 17	23.4 17	25.4 14	42.5 14	61.5 12	101 13	98.8 8
1982 1983	73.0 34	74.7 34	77.7 34	84.0 34	92.1 33	111 28	145 27	237 28	682 34
1983 1984	121 44	123 43	129 43	137 42	178 45	299 46	498 47	638 45	840 38
1984 1985	198 54	200 54	205 51	216 48	250 47	314 47	361 42	405 41	467 26
1985 1986	79.0 35	82.7 35	88.0 35	89.4 35	101 34	138 33	209 35	284 34	1257 47
1986 1987	52.0 30	53.3 30	54.1 29	59.9 29	74.1 27	98.2 26	136 26	181 23	180 13
1987 1988	47.0 29	48.0 28	51.4 28	59.6 28	89.5 32	104 27	114 22	162 19	469 29
1988 1989	55.0 32	65.0 32	71.0 33	73.0 32	78.5 29	95.3 25	122 24	179 21	290 21
1989 1990	41.0 26	42.3 26	45.9 26	53.5 27	75.8 28	117 30	187 31	229 27	325 23
1990 1991	2.80 1	2.93 1	3.37 1	3.86 1	5.67 1	10.7 2	17.1 4	18.0 2	22.4 2
1991 1992	94.0 40	94.7 37	96.6 36	98.4 36	104 35	113 29	162 29	273 33	902 41
1992 1993	185 52	194 52	212 53	233 50	316 52	600 56	737 52	941 53	1372 49

SUWANNEE RIVER BASIN  
02315500 SUWANNEE RIVER AT WHITE SPRINGS, FL--Continued

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1907 1907	3850 59	3190 63	3070 62	2851 60	2453 59	2045 57	1544 58	1183 60	848 60
1908 1908	6650 41	6640 40	6573 38	6474 36	6365 31	5413 23	5012 20	4000 24	3060 28
1928 1928	20300 6	20030 6	19190 6	14160 9	10180 12	8288 11	6900 13	5641 14	6053 4
1929 1929	20600 5	20270 5	18900 7	17160 6	13330 5	7973 15	5567 18	4539 20	4812 12
1930 1930	19400 8	19330 8	18860 8	16910 7	12880 7	8047 13	7230 11	6401 6	5297 8
1931 1931	4280 52	4267 52	4201 53	3969 52	3457 51	2876 50	2571 44	2436 40	2168 38
1932 1932	10100 20	10100 20	9989 21	9315 22	6142 33	4678 32	3281 37	2637 38	1735 42
1933 1933	10200 19	10170 19	10030 19	9585 20	8492 20	6137 19	5501 19	4753 19	3612 20
1934 1934	2220 64	2047 64	1781 64	1347 64	1089 64	796 63	714 63	560 63	376 64
1935 1935	6290 42	6270 42	6126 42	5845 40	5007 41	3052 48	2181 53	1639 54	1083 58
1936 1936	4890 50	4580 50	4426 50	4161 49	3799 49	3147 46	2461 45	1945 49	1378 51
1937 1937	11100 16	11070 16	10810 15	9683 19	7540 22	4940 28	4120 29	3261 32	2674 30
1938 1938	6660 40	6607 41	6467 39	6127 37	4737 44	2999 49	2293 49	1918 50	1438 50
1939 1939	5600 47	5410 47	5226 46	4464 47	4147 46	3238 43	2670 42	2177 44	1670 44
1940 1940	5070 48	4920 48	4723 49	4072 51	2931 54	1934 58	1484 59	1217 58	920 59
1941 1941	3470 62	3217 62	2814 63	2124 63	1389 63	943 62	806 62	644 62	467 62
1942 1942	11700 15	11670 14	11390 14	10410 14	8677 19	7194 17	7430 8	6373 7	4527 13
1943 1943	866 67	846 67	711 67	491 68	360 68	306 68	291 68	250 68	210 68
1944 1944	7650 34	7617 34	7503 34	7267 31	6669 28	5481 22	4792 23	3720 25	3436 23
1945 1945	16500 9	16430 9	15930 9	14530 8	11680 8	9756 7	7408 9	5585 16	3839 19
1946 1946	8340 29	8313 29	8224 28	7876 27	7105 23	5812 20	4771 24	4019 23	3375 24
1947 1947	9090 26	8977 26	8540 26	5295 45	5005 42	4300 35	3360 35	2861 36	2386 35
1948 1948	28500 2	28200 2	26460 2	21550 3	18880 3	14880 3	12770 1	11030 1	10980 1
1949 1949	7880 33	7867 33	7831 31	7656 28	6998 25	4606 34	3575 34	2877 35	2447 34
1950 1950	3440 63	3370 61	3264 60	3016 59	2245 60	1436 61	1061 61	855 61	799 61
1951 1951	4160 55	4147 55	4103 55	3905 53	2927 55	1847 59	1421 60	1188 59	1159 56
1952 1952	5770 46	5757 46	5671 45	5535 43	4901 43	3736 40	3859 32	3383 31	3312 25
1953 1953	7060 37	6793 38	5106 47	4712 46	4284 45	3057 47	2291 50	1739 52	1511 49
1954 1954	10100 21	10070 21	9896 22	9309 23	7074 24	4016 39	3347 36	3426 30	2491 32
1955 1955	3830 60	3783 59	3567 59	2669 61	1491 62	773 64	522 65	395 66	273 66
1956 1956	1750 65	1723 65	1604 65	1314 65	967 65	587 65	546 64	490 64	406 63
1957 1957	9020 27	8793 27	8113 29	7149 33	5100 40	3255 42	2649 43	2220 43	1686 43
1958 1958	8310 30	8173 30	7757 33	7510 29	6871 26	5174 26	4370 26	3612 27	3187 27
1959 1959	20100 7	19900 7	19340 5	17840 5	14920 4	10380 5	7740 7	6605 5	5300 7
1960 1960	6760 39	6697 39	6384 40	5564 42	5376 36	5149 27	4186 27	3442 29	3286 26
1961 1961	7920 32	7900 32	7773 32	7232 32	5647 34	3528 41	3192 38	2927 34	2359 36
1962 1962	9840 23	9750 23	9453 24	8757 25	6629 29	4155 37	2972 41	2343 42	1649 46
1963 1963	6090 44	6087 44	6037 43	5827 41	5176 38	4024 38	3100 39	2440 39	1670 45
1964 1964	23200 4	23100 4	22260 4	19620 4	13310 6	10520 4	7835 6	6184 10	5615 5
1965 1965	12300 14	11600 15	10760 16	9991 16	9173 15	7712 16	6169 16	5921 12	5169 9
1966 1966	12600 12	12530 12	12330 12	11810 12	10260 11	8520 9	7006 12	5612 15	4898 11
1967 1967	6890 38	6877 37	6827 36	6559 35	5108 39	4730 31	3653 33	2861 37	2284 37
1968 1968	724 68	718 68	695 68	648 67	528 67	419 67	369 67	320 67	242 67
1969 1969	4930 49	4907 49	4783 48	3693 56	3013 53	2815 51	2236 51	2123 46	1839 40
1970 1970	12600 13	12530 13	12310 13	11500 13	9402 14	5696 21	4959 22	4517 21	3884 18
1971 1971	8600 28	8567 28	8457 27	8047 26	6840 27	5227 25	3997 31	3074 33	2483 33
1972 1972	9760 24	9730 24	9650 23	9475 21	9009 16	7096 18	5897 17	5222 17	4029 17
1973 1973	38000 1	37830 1	36970 1	33410 1	24060 1	15100 1	12070 2	10220 2	8114 2
1974 1974	4280 53	4267 53	4216 52	4116 50	3582 50	2350 55	1800 56	1447 55	1213 54
1975 1975	10800 17	10730 17	10570 17	9867 17	7817 21	5296 24	4964 21	4802 18	3580 21
1976 1976	5910 45	5880 45	5779 44	5358 44	3997 47	3181 45	2443 46	2058 47	1754 41
1977 1977	10600 18	10530 18	10470 18	10170 15	9502 13	8509 10	6875 14	5993 11	4406 15
1978 1978	6230 43	6220 43	6190 41	5911 39	5180 37	4668 33	4172 28	3708 26	2881 29
1979 1979	4270 54	4240 54	4137 54	3809 54	2771 58	2321 56	2220 52	2170 45	1908 39
1980 1980	7380 36	7190 36	6660 37	6079 38	5418 35	4907 29	4014 30	3494 28	2649 31
1981 1981	4000 57	3910 57	3766 57	3093 58	2872 56	2368 53	1825 55	1445 56	1133 57
1982 1982	3750 61	3517 60	3097 61	2495 62	2177 61	1688 60	1562 57	1415 57	1268 52
1983 1983	9570 25	9557 25	9446 25	9094 24	8951 17	8194 12	7383 10	6265 9	4521 14
1984 1984	26200 3	26070 3	25910 3	23720 2	19380 2	14910 2	11700 3	9713 3	7021 3
1985 1985	4450 51	4417 51	4304 51	4213 48	3872 48	3222 44	2296 48	1766 51	1257 53
1986 1986	14300 10	14200 10	13830 10	12660 10	10780 10	8032 14	6833 15	5741 13	4081 16
1987 1987	10100 22	10070 22	9991 20	9771 18	8951 18	8599 8	8087 4	7017 4	5016 10
1988 1988	7390 35	7370 35	7270 35	7129 34	6519 30	4268 36	3021 40	2387 41	1628 47
1989 1989	900 66	859 66	798 66	734 66	663 66	510 66	460 66	398 65	325 65
1990 1990	4030 56	4027 56	3977 56	3796 55	3149 52	2363 54	2019 54	1714 53	1196 55
1991 1991	12900 11	12870 11	12670 11	12390 11	11100 9	9952 6	7982 5	6361 8	5360 6
1992 1992	3880 58	3830 58	3714 58	3336 57	2831 57	2592 52	2392 47	1983 48	1566 48
1993 1993	8070 31	8050 31	7921 30	7417 30	6246 32	4830 30	4402 25	4050 22	3449 22

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**SUWANNEE RIVER BASIN**  
02315550 SUWANNEE RIVER AT SUWANNEE SPRINGS, FL

**LOCATION.**--Lat 30°23'34", long 82°56'00", in NE<sup>1</sup>/<sub>4</sub> sec.20, T.1 S., R.14 E., Suwannee County, Hydrologic Unit 03110201, on left bank 0.2 mi upstream from springs at town of Suwannee Springs, 7.5 mi north of Live Oak, and 150 mi upstream from mouth.

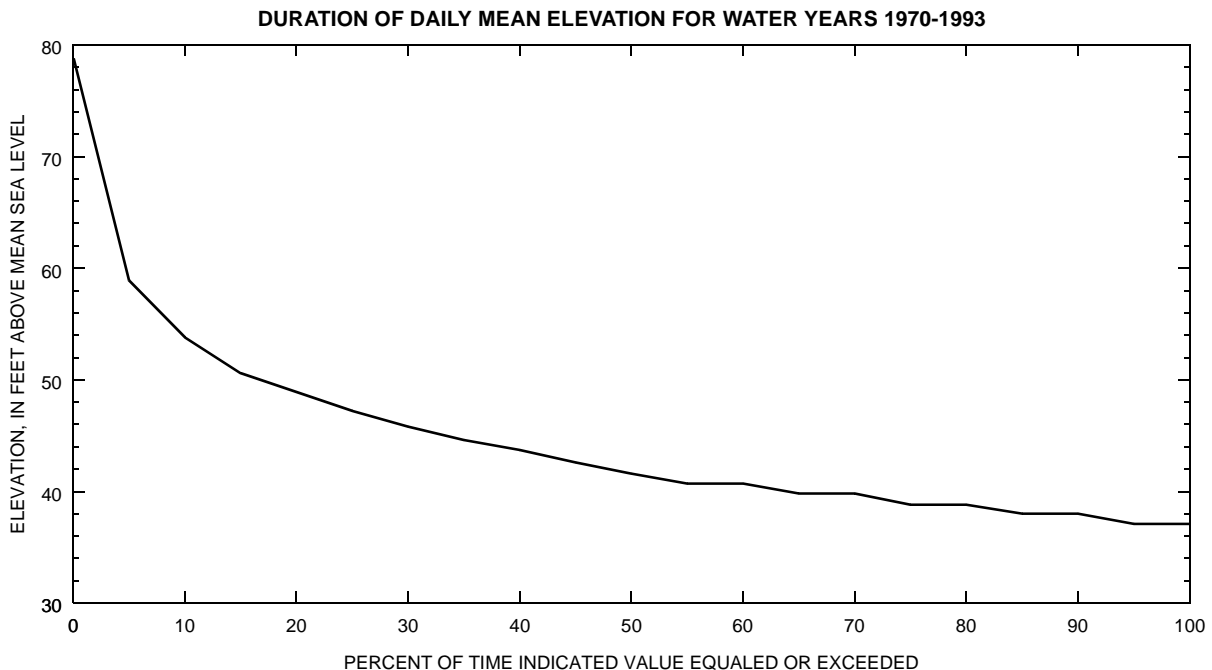
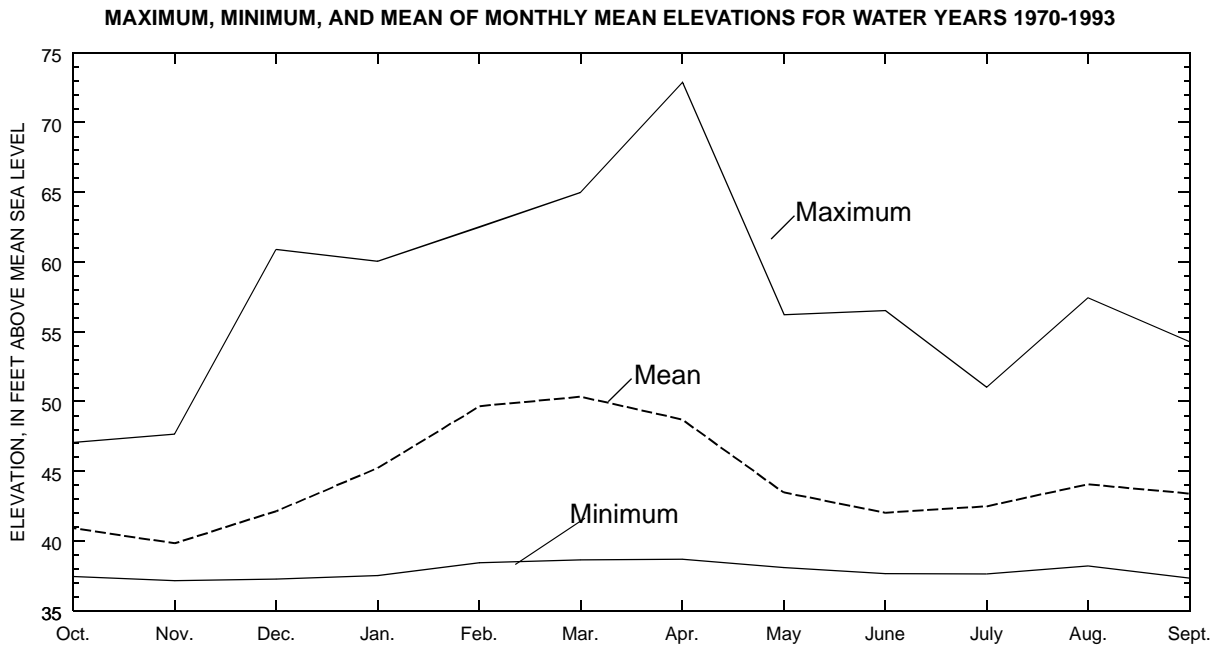
**DRAINAGE AREA.**--2,630 mi<sup>2</sup>, approximately, includes part of watershed in Okefenokee Swamp, which is indeterminate.

**PERIOD OF RECORD.**--October 1974 to 1993. Prior to November 1960, six miscellaneous discharge measurements made in 1906, 1951 and 1956. November 1960 to September 1974 (gage heights and discharge measurements only).

**REVISED RECORDS.**--WSP 2105: WDR FL-75-1: Drainage area.

**GAGE.**--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark). Dec. 13, 1960 to Apr. 26, 1972 and Aug. 21, 1974 to May 8, 1980, auxiliary nonrecording gage 0.3 mi downstream from base gage at same datum. Since Oct. 1, 1982 water stage recorder at Suwannee River at Ellaville (02319500), about 23 mi. downstream from base gage, used to determine discharge during backwater conditions.

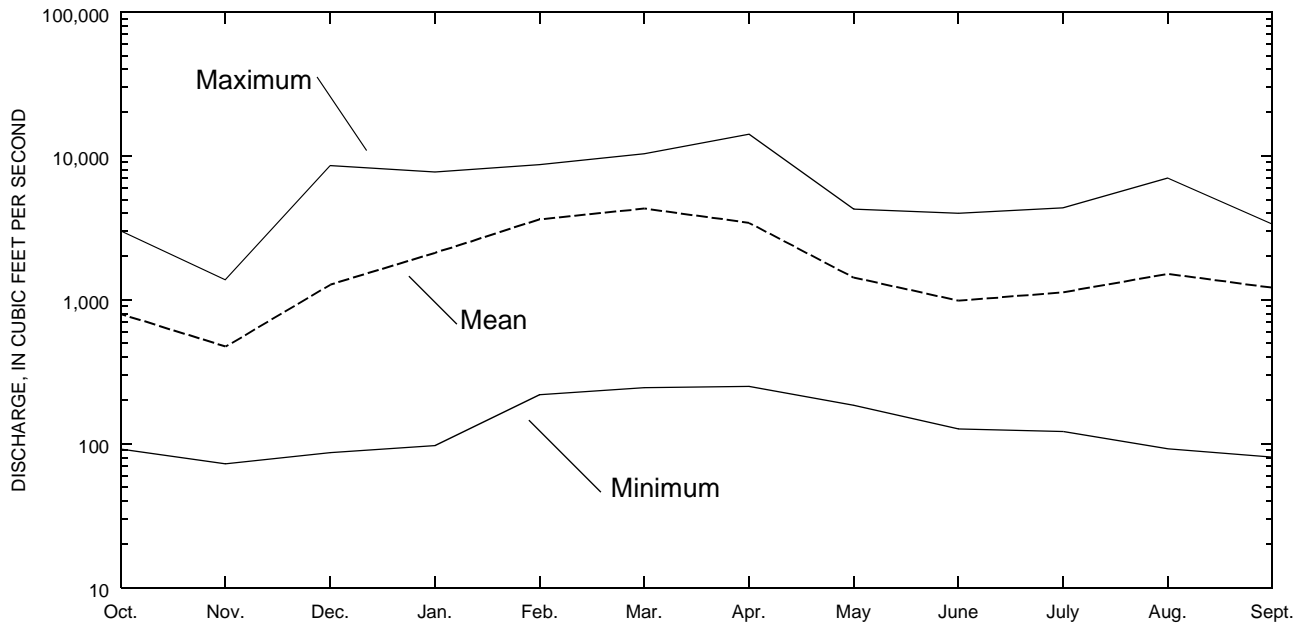
**REMARKS.**--Records good, except for estimated daily discharges, which are fair. Flow affected by backwater from Withlacoochee and Alapaha Rivers at times.



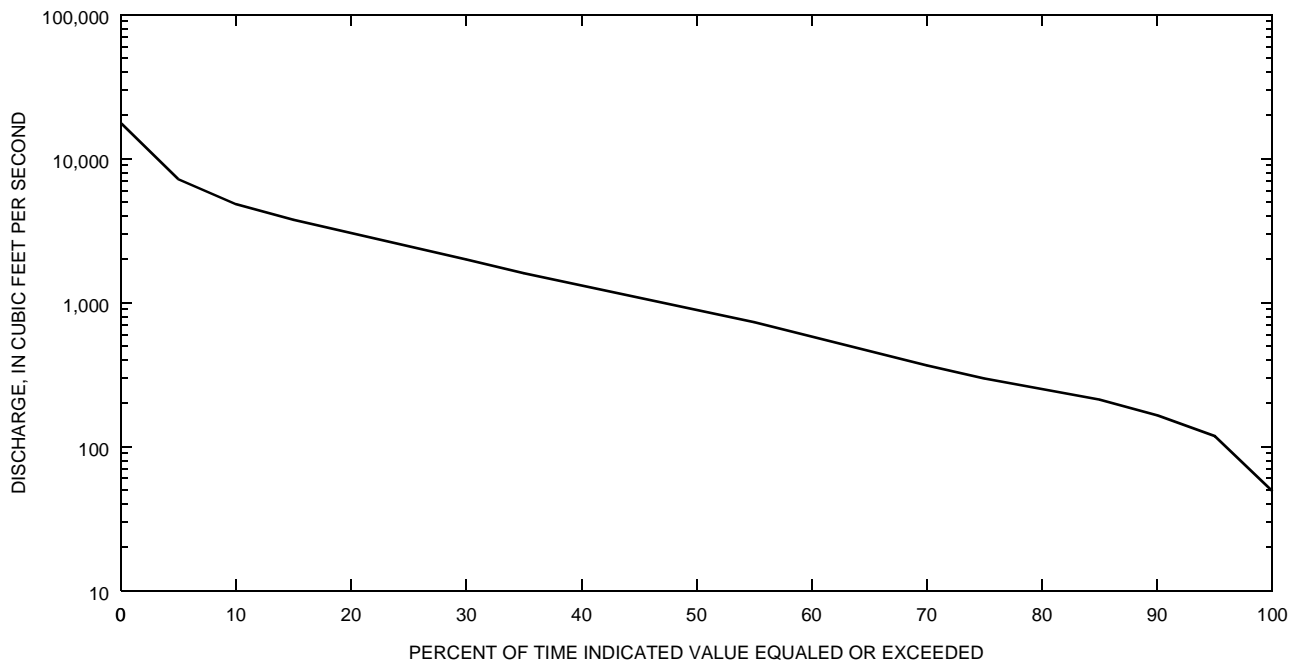
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
 FOR WATER YEARS 1975 - 1993**

ANNUAL MEAN	1852	
HIGHEST ANNUAL MEAN	3761	1991
LOWEST ANNUAL MEAN	340	1989
HIGHEST DAILY MEAN	17800	Apr 10 1984
LOWEST DAILY MEAN	49	Oct 5 1990
ANNUAL SEVEN-DAY MINIMUM	53	Sep 29 1990
INSTANTANEOUS PEAK FLOW	30100	Apr 12 1973
INSTANTANEOUS PEAK ELEVATION (FT)	78.91	Apr 12 1973
INSTANTANEOUS LOW FLOW	46	Oct 5 1990
ANNUAL RUNOFF (INCHES/CSFM)	9.57/0.70	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1975-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1975-1993**





SUWANNEE RIVER BASIN  
02315550 SUWANNEE RIVER AT SUWANNEE SPRINGS, FL--Continued

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1970 1970	65.9 3	65.9 3	65.6 3	64.9 3	61.9 5	55.2 6	53.7 6	52.4 7	50.6 6
1971 1971	59.0 8	59.0 8	58.8 8	58.1 9	55.9 10	52.7 10	49.8 10	47.3 10	46.3 10
1972 1972	63.8 6	63.8 6	63.6 6	63.1 6	61.9 6	58.2 5	55.5 5	54.0 5	50.7 5
1973 1973	78.9 1	78.8 1	78.5 1	77.4 1	73.5 1	65.4 1	62.4 1	60.0 1	57.2 1
1974 1974	51.6 13	51.6 13	51.6 13	51.2 13	49.6 13	46.0 14	44.3 16	43.2 16	42.9 15
1975 1975	65.5 4	65.4 4	65.2 4	64.1 5	60.2 7	54.7 7	53.5 7	53.2 6	50.1 7
1976 1976	56.8 12	56.8 12	56.4 12	55.2 12	51.6 12	49.2 12	46.9 12	45.6 12	44.7 11
1977 1977	63.7 7	63.7 7	63.6 7	63.1 7	62.1 4	60.7 4	57.4 4	55.9 4	51.7 4
1978 1978	56.8 11	56.8 11	56.7 11	56.2 11	54.4 11	53.2 9	51.8 9	50.3 9	48.1 8
1979 1979	50.7 14	50.6 14	50.4 14	49.6 14	47.1 15	45.6 15	44.4 13	45.3 13	44.6 12
1980 1980	58.2 10	58.2 10	58.0 10	57.6 10	56.4 9	54.7 8	52.0 8	50.4 8	47.6 9
1981 1981	50.1 15	50.1 15	49.8 15	48.4 15	47.7 14	46.5 13	44.7 14	43.3 15	42.3 16
1982 1982	49.6 16	49.3 16	48.4 16	47.0 16	45.9 16	44.7 16	44.4 15	43.9 14	43.1 14
1987 1987	64.9 5	64.8 5	64.7 5	64.3 4	62.8 3	61.8 3	60.7 2	58.2 2	53.2 3
1988 1988	58.6 9	58.6 9	58.5 9	58.2 8	57.0 8	51.8 11	48.4 11	46.3 11	43.8 13
1991 1991	68.4 2	68.4 2	68.4 2	67.9 2	65.6 2	63.7 2	60.0 3	56.4 3	54.2 2

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1975 1976	283 15	286 15	293 15	296 15	306 15	422 15	559 14	764 14	1046 13
1976 1977	318 16	318 16	347 16	384 16	474 16	988 18	1106 18	1093 16	1733 18
1977 1978	101 5	103 5	109 5	112 5	134 5	165 6	170 5	224 4	363 7
1978 1979	71.0 3	71.0 2	71.3 2	71.5 2	72.3 2	77.8 1	82.1 2	85.6 2	159 2
1979 1980	495 18	516 18	596 18	676 18	783 18	960 17	972 16	1220 17	1632 16
1980 1981	143 7	146 8	152 8	154 8	175 9	237 11	333 12	411 11	432 8
1981 1982	91.0 4	94.0 4	100 4	108 4	112 4	146 4	160 4	204 3	203 3
1982 1983	70.0 2	73.0 3	81.7 3	84.5 3	94.8 3	107 3	142 3	239 5	717 11
1983 1984	244 14	249 14	252 14	258 14	289 14	414 14	637 15	776 15	1031 12
1984 1985	207 12	208 12	213 12	229 12	266 13	335 13	388 13	441 12	514 9
1985 1986	152 9	154 9	155 9	159 9	167 8	198 8	252 9	318 9	1211 15
1986 1987	174 10	176 10	178 10	183 10	197 10	221 9	314 10	330 10	329 5
1987 1988	202 11	204 11	208 11	215 11	229 11	231 10	237 8	290 8	604 10
1988 1989	144 8	144 7	147 7	153 7	155 7	164 5	200 6	275 7	361 6
1989 1990	130 6	131 6	136 6	142 6	148 6	186 7	213 7	247 6	323 4
1990 1991	49.0 1	51.0 1	53.3 1	54.8 1	64.0 1	80.8 2	81.4 1	85.2 1	96.0 1
1991 1992	239 13	243 13	247 13	252 13	258 12	267 12	319 11	456 13	1136 14
1992 1993	391 17	402 17	414 17	435 17	544 17	875 16	998 17	1234 18	1681 17

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1975 1975	10200 5	10130 5	10030 5	9476 6	7713 7	5465 7	4835 7	4740 7	3671 7
1976 1976	6230 12	6203 12	6067 12	5587 12	4272 12	3396 12	2632 13	2211 13	1935 12
1977 1977	10000 6	10000 6	9923 6	9631 5	9081 6	8185 5	6683 5	5975 5	4410 5
1978 1978	6670 11	6660 11	6627 11	6387 10	5627 10	5100 8	4483 8	3910 9	3058 9
1979 1979	4070 15	4023 16	3950 16	3669 15	2791 17	2358 17	2235 14	2196 14	1941 11
1980 1980	7530 9	7487 9	6917 10	5608 11	5388 11	4697 10	3946 10	3491 10	2706 10
1981 1981	3800 18	3747 18	3697 17	3166 17	2897 16	2418 16	1883 18	1497 18	1203 18
1982 1982	3860 17	3767 17	3410 18	2851 18	2449 18	2010 18	1910 17	1706 16	1509 15
1983 1983	9760 7	9740 7	9666 7	9383 7	9269 4	8419 4	7542 4	6433 4	4738 4
1984 1984	17800 1	17670 1	17430 1	16480 1	14640 1	12000 1	9764 1	8265 1	6203 1
1985 1985	4260 13	4210 13	4071 13	3961 13	3664 13	3003 13	2142 16	1660 17	1211 17
1986 1986	12500 2	12430 3	12270 3	11520 3	10100 3	7672 6	6658 6	5616 6	4047 6
1987 1987	10300 4	10300 4	10240 4	10040 4	9251 5	8741 3	8240 2	7123 2	5198 3
1988 1988	7500 10	7467 10	7307 9	7003 9	6446 8	4410 11	3186 11	2535 11	1768 14
1989 1989	1170 19	1137 19	1045 19	884 19	638 19	475 19	464 19	420 19	356 19
1990 1990	4070 16	4067 15	4039 14	3903 14	3333 14	2531 15	2174 15	1853 15	1309 16
1991 1991	12500 3	12470 2	12360 2	11930 2	10530 2	9558 2	7885 3	6436 3	5650 2
1992 1992	4150 14	4090 14	3951 15	3625 16	3159 15	2927 14	2731 12	2291 12	1866 13
1993 1993	8110 8	8077 8	7877 8	7145 8	6020 9	4734 9	4397 9	4075 8	3503 8

**SUWANNEE RIVER BASIN**  
02317620 ALAPAHA RIVER NEAR JENNINGS, FL

**LOCATION.**--Lat 30°35'53", long 83°04'24", in SW<sup>1</sup>/<sub>4</sub> sec.1, T.2 N., R.12 E., Hamilton County, Hydrologic Unit 03110202, near left bank on downstream side of bridge on State Highway 150, 150 ft upstream from Southern Railroad bridge, 1,400 ft downstream from Apalahoochee River, 1.5 mi south of Florida-Georgia State line, and 1.6 mi southeast of Jennings, and 20.1 mi upstream from mouth.

**DRAINAGE AREA.**--1,680 mi<sup>2</sup>, approximately.

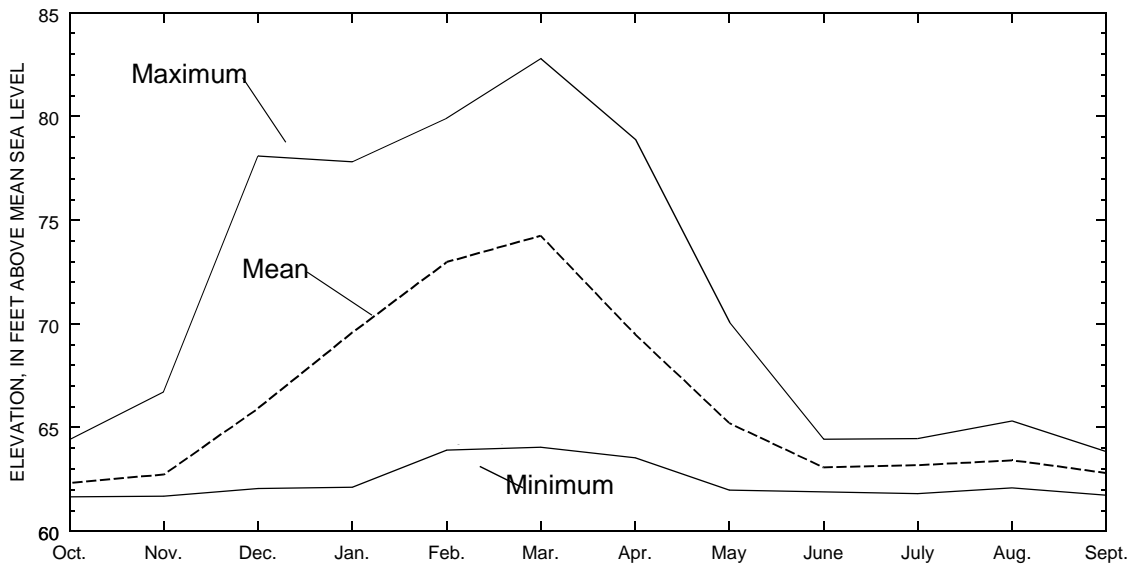
**PERIOD OF RECORD.**--July 1976 to September 1984; October 1984 to September 1985 (gage height and peak discharge only); October 1985 to September 1987 (discontinued). Prior to July 28, 1976 (one miscellaneous discharge measurement in 1923, three in 1928 and six made by Suwannee River Water Management District in 1976).

**GAGE.**--Water-stage recorder. Datum of gage is 58.22 ft above National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark). Prior to August 18, 1928, nonrecording gage at site 150 ft downstream at datum unknown.

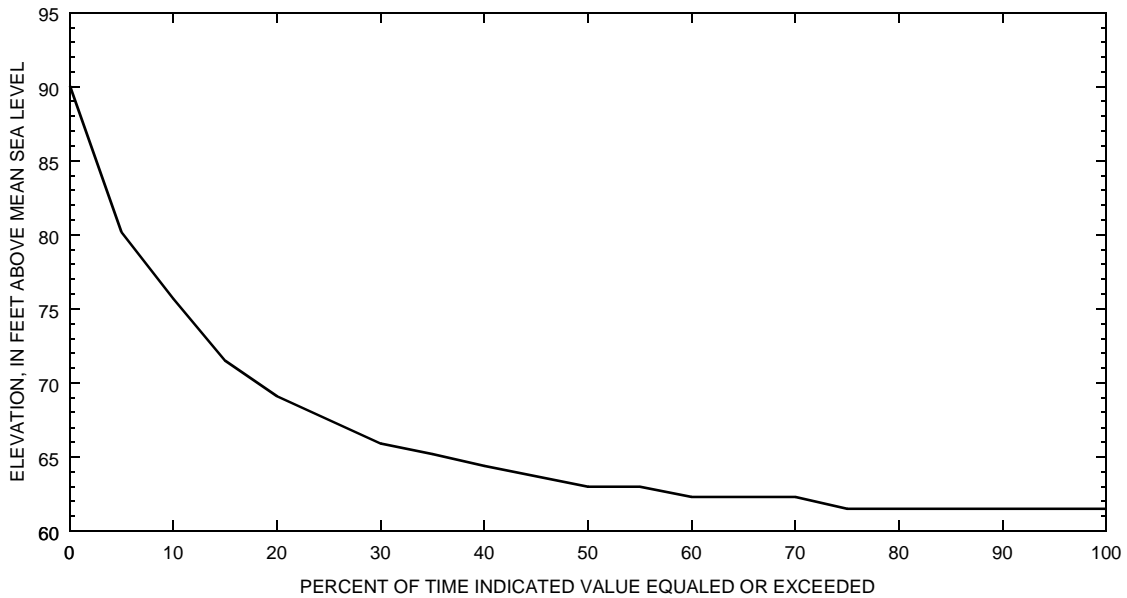
**REMARKS.**--Records fair.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Maximum measured discharge, 17,900 ft<sup>3</sup>/s May 2, 1928, gage height not determined.

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN ELEVATIONS FOR WATER YEARS 1976-1987**



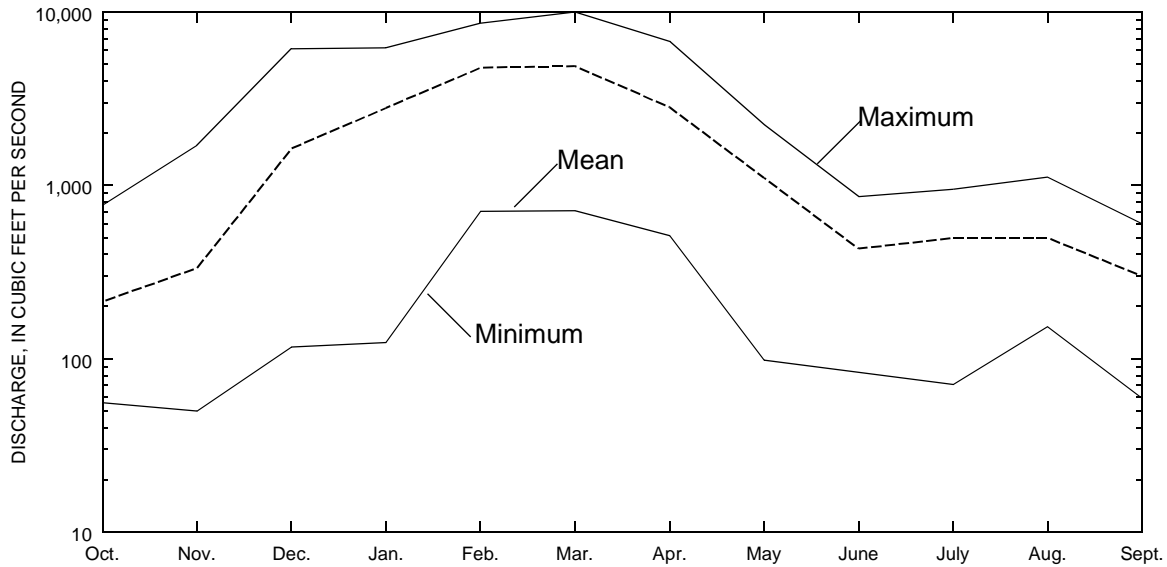
**DURATION OF DAILY MEAN ELEVATION FOR WATER YEARS 1976-1987**



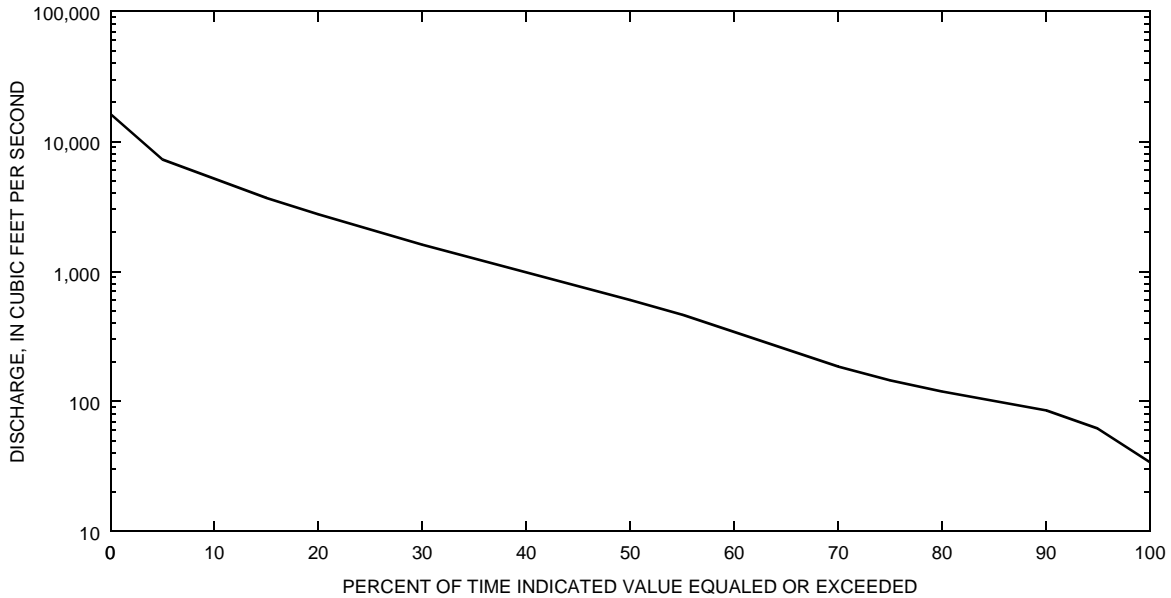
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
 FOR WATER YEARS 1976 - 1987**

ANNUAL MEAN	1674	
HIGHEST ANNUAL MEAN	2766	1984
LOWEST ANNUAL MEAN	273	1981
HIGHEST DAILY MEAN	16100	Mar 29 1984
LOWEST DAILY MEAN	34	Jul 22 1986
ANNUAL SEVEN-DAY MINIMUM	40	Oct 3 1982
INSTANTANEOUS PEAK FLOW	18800	Feb 17 1986
INSTANTANEOUS PEAK ELEVATION (FT)	90.32	Feb 17 1986
INSTANTANEOUS LOW FLOW	31	Jul 22 1986
ANNUAL RUNOFF (INCHES)	13.53	
ANNUAL RUNOFF (CFSM)	1.00	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1976-1987**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1976-1987**



SUWANNEE RIVER BASIN  
02317620 ALAPAHA RIVER NEAR JENNINGS, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1976-1987**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	64.38	61.67	62.33	759.5	55.6	213.15
NOVEMBER	66.69	61.68	62.74	1683	49.9	332.68
DECEMBER	78.07	62.06	65.93	6081	116.6	1629.72
JANUARY	77.79	62.12	69.59	6147	124.0	2798.30
FEBRUARY	79.88	63.92	72.98	8541	707.6	4776.76
MARCH	82.75	64.06	74.25	9935	712.1	4870.51
APRIL	78.86	63.54	69.50	6693	512.9	2826.82
MAY	70.06	61.98	65.22	2222	98.0	1107.02
JUNE	64.41	61.89	63.08	852.5	82.9	431.32
JULY	64.44	61.81	63.19	942.4	71.0	496.22
AUGUST	65.28	62.08	63.42	1105	152.6	497.15
SEPTEMBER	63.80	61.74	62.81	594.5	59.1	299.15

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1976-1987**

PERCENT  
OF TIME  
EQUALED OR  
EXCEEDED

ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	
ELEVATION IN FEET ABOVE MEAN SEA LEVEL													
95.0	61.5	61.5	61.6	61.9	62.0	63.0	63.5	62.3	61.8	61.7	61.7	61.9	61.6
90.0	61.5	61.5	61.6	61.9	62.0	64.4	65.6	62.9	61.8	61.7	61.7	61.9	61.7
85.0	61.5	61.7	61.6	61.9	64.1	65.9	66.3	63.5	61.8	61.8	61.8	61.9	61.7
80.0	61.5	61.7	61.6	61.9	64.1	66.6	67.0	64.1	62.1	61.8	62.0	62.1	61.9
75.0	61.5	61.7	61.6	61.9	64.7	68.1	67.7	64.8	62.1	61.8	62.0	62.1	62.0
70.0	62.3	61.7	61.6	61.9	65.8	68.9	69.1	64.8	62.5	62.0	62.2	62.4	62.0
65.0	62.3	61.7	61.6	62.4	66.4	69.6	69.8	65.4	62.9	62.2	62.2	62.4	62.2
60.0	62.3	61.8	61.6	63.0	66.9	69.6	70.6	65.4	62.9	62.4	62.5	62.6	62.3
55.0	63.0	61.8	61.6	63.0	68.1	70.4	71.3	66.0	63.3	62.5	62.6	62.6	62.3
50.0	63.0	62.0	62.2	64.0	68.7	71.2	73.6	66.7	64.1	62.9	62.8	62.8	62.4
45.0	63.7	62.0	62.2	64.6	69.3	72.8	75.2	67.3	64.4	62.9	62.9	63.0	62.4
40.0	64.4	62.0	62.2	65.1	69.9	73.6	76.0	68.0	64.8	63.2	63.4	63.2	62.7
35.0	65.2	62.0	62.2	66.2	70.4	74.5	77.6	68.6	65.2	63.2	63.6	63.4	62.9
30.0	65.9	62.1	62.2	66.2	71.1	76.1	79.2	70.7	65.6	63.4	63.7	63.9	63.2
25.0	67.5	62.4	62.8	67.9	72.3	77.9	80.1	72.8	66.4	63.8	64.0	64.1	63.3
20.0	69.1	62.6	62.8	68.5	74.2	79.6	80.9	76.4	67.6	63.9	64.2	64.3	63.6
15.0	71.5	62.8	63.3	72.0	75.4	81.4	81.8	78.6	68.5	64.1	64.6	64.7	63.7
10.0	75.7	63.7	63.9	75.1	77.4	84.2	81.8	79.4	69.3	64.5	65.0	65.2	64.0
5.0	80.2	65.1	64.5	77.7	79.4	86.1	84.4	81.8	70.6	64.8	65.6	66.5	64.7
DISCHARGE IN CUBIC FEET PER SECOND													
95.0	61.7	42.7	50.8	100.6	121.2	723.4	587.5	266.0	90.8	73.4	56.3	89.8	52.9
90.0	85.1	46.4	55.4	108.5	168.0	1320.8	1240.0	421.0	104.3	80.7	67.0	102.7	65.0
85.0	101.9	50.2	63.2	118.3	759.2	1650.7	1678.3	602.0	117.9	91.3	82.1	116.6	79.6
80.0	119.1	54.7	73.0	138.3	875.0	2177.8	1923.3	758.9	140.2	104.2	100.0	128.8	97.0
75.0	145.1	59.8	83.7	163.1	1091.4	2432.5	2182.0	935.5	172.1	127.2	119.6	147.2	114.4
70.0	185.0	65.8	94.5	272.7	1470.0	2649.6	2595.0	1090.7	248.0	156.3	132.9	175.8	128.2
65.0	251.8	74.1	102.0	343.0	1702.5	2840.9	2827.5	1247.8	310.5	194.3	158.7	207.6	148.7
60.0	338.9	84.8	109.8	428.0	1937.6	3073.0	3176.0	1381.1	403.7	247.7	204.0	234.6	165.1
55.0	463.5	91.0	122.2	611.5	2195.8	3348.9	3551.5	1493.7	633.7	296.9	280.0	264.8	180.4
50.0	602.4	97.5	135.4	928.1	2521.9	3827.1	4289.0	1645.0	798.0	342.8	368.4	297.3	202.1
45.0	763.7	104.3	149.2	1185.4	2722.8	4296.6	4943.3	1970.7	930.3	389.0	485.3	360.4	235.6
40.0	975.5	112.6	170.5	1434.0	3002.2	4689.1	5454.3	2176.7	1085.7	452.0	537.7	418.5	285.6
35.0	1249.7	124.5	203.8	1611.2	3327.3	5031.6	5969.2	2381.2	1186.7	492.8	582.9	494.0	323.5
30.0	1606.2	153.5	239.1	1792.5	3601.5	5644.0	6786.0	3197.5	1331.7	572.1	651.0	598.1	374.1
25.0	2114.4	196.7	281.2	2209.6	4017.4	6882.6	7230.3	4156.0	1701.2	615.0	728.5	716.7	436.7
20.0	2754.5	239.4	391.8	2908.3	4508.9	7520.2	7667.8	5708.6	2074.4	681.0	847.6	840.8	515.0
15.0	3677.3	317.5	506.6	3960.0	5150.8	8388.6	8085.4	6761.7	2353.4	778.3	1006.7	990.2	571.1
10.0	5157.7	604.0	645.2	4703.7	5904.2	9838.2	8503.1	7216.7	2622.6	900.5	1211.3	1212.8	647.4
5.0	7258.3	1062.5	989.0	5816.4	6945.6	11794.5	10442.9	8270.0	3286.4	1102.5	1400.0	1597.1	775.9

SUWANNEE RIVER BASIN  
02317620 ALAPAHA RIVER NEAR JENNINGS, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1977 1978	61.7 5	61.8 5	61.8 5	61.8 5	61.9 5	62.0 5	62.1 5	62.3 5	62.6 5
1978 1979	61.6 4	61.6 4	61.7 4	61.7 4	61.7 2	61.7 1	61.8 1	61.9 1	62.5 4
1979 1980	62.1 6	62.1 6	62.2 6	62.3 6	62.6 6	63.2 6	63.5 6	63.5 6	63.7 6
1980 1981	61.6 3	61.6 2	61.6 2	61.6 2	61.7 3	61.7 2	61.9 3	62.0 3	62.0 3
1981 1982	61.5 1	61.6 1	61.6 1	61.6 1	61.6 1	61.7 3	61.9 2	61.9 2	62.0 1
1986 1987	61.6 2	61.6 3	61.6 3	61.6 3	61.7 4	61.8 4	61.9 4	62.0 4	62.0 2

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1977 1977	83.9 5	83.3 5	81.4 6	79.9 6	78.9 5	77.7 2	74.9 2	75.1 2	72.0 2
1978 1978	87.7 2	87.6 2	87.1 2	84.8 2	79.5 4	76.6 4	74.1 3	72.2 5	70.2 3
1979 1979	82.8 6	82.6 6	81.8 5	80.0 5	77.5 6	73.3 6	71.0 6	70.1 6	67.9 6
1980 1980	84.1 4	83.7 4	83.0 4	81.6 4	81.4 1	76.7 3	74.1 4	72.4 4	69.8 4
1981 1981	67.5 8	67.2 8	66.4 8	65.3 8	64.9 8	64.6 8	64.1 8	63.7 8	63.1 8
1982 1982	75.7 7	75.6 7	75.3 7	74.5 7	72.5 7	71.4 7	69.8 7	69.3 7	67.5 7
1986 1986	90.1 1	89.8 1	88.8 1	86.4 1	80.4 3	74.9 5	73.8 5	72.5 3	69.3 5
1987 1987	85.4 3	85.2 3	84.4 3	82.7 3	80.8 2	79.9 1	78.3 1	76.2 1	72.1 1

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1977 1978	65.0 5	66.7 6	70.1 6	71.5 5	81.9 6	98.8 6	108 5	155 5	258 5
1978 1979	41.0 4	43.3 4	45.0 4	46.5 4	49.2 2	52.4 1	65.9 1	85.7 1	240 4
1979 1980	123 8	126 8	134 8	150 8	244 8	429 8	507 8	514 8	575 8
1980 1981	40.0 3	40.7 3	42.3 2	44.9 2	54.1 3	58.4 2	86.9 3	109 4	114 3
1981 1982	39.0 2	39.7 2	40.3 1	42.4 1	44.5 1	65.6 3	85.2 2	101 2	100 1
1982 1983	84.0 7	84.0 7	85.9 7	90.3 7	98.0 7	114 7	196 7	289 7	505 7
1983 1984	65.0 6	66.0 5	68.0 5	72.3 6	77.2 5	95.1 5	127 6	172 6	330 6
1986 1987	34.0 1	36.7 1	42.6 3	45.9 3	58.4 4	67.4 4	92.7 4	106 3	106 2

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1977 1977	9200 7	8810 7	7704 8	6817 8	6466 7	5960 4	4799 5	4885 4	3660 4
1978 1978	12600 3	12530 3	12090 3	10260 3	7341 6	5801 5	4712 6	3909 6	3099 5
1979 1979	8450 8	8330 8	7819 7	6919 7	5837 8	4186 8	3285 8	2940 8	2111 8
1980 1980	9400 6	9153 6	8627 6	7755 6	7638 5	5617 7	4554 7	3869 7	2883 7
1981 1981	1920 10	1837 10	1531 10	1184 10	991 10	906 10	738 10	591 10	436 10
1982 1982	5010 9	4980 9	4853 9	4540 9	3788 9	3383 9	2763 9	2596 9	1951 9
1983 1983	10700 4	10530 4	9944 4	9053 4	8409 3	7710 2	7037 2	5994 2	4257 2
1984 1984	16100 2	15230 2	14610 2	12460 2	10900 1	8304 1	7620 1	6557 1	5031 1
1986 1986	18100 1	17400 1	15600 1	12550 1	8621 2	5620 6	4908 4	4247 5	2923 6
1987 1987	10700 5	10470 5	9787 5	8733 5	7702 4	7198 3	6418 3	5503 3	3856 3

**SUWANNEE RIVER BASIN**  
 02319000 WITHLACOCHEE RIVER NEAR PINETTA, FL

**LOCATION.**--Lat 30°35'43", long 83°15'35", in NW<sup>1</sup>/<sub>4</sub> sec.7, T.2 N., R.11 E., Madison County, Hydrologic Unit 03110203, on right bank 30 ft downstream from bridge, 0.1 mi downstream from small tributary, 0.3 mi west of Bellville, 5.6 mi east of Pinetta, and 22 mi upstream from mouth.

**DRAINAGE AREA.**--2,120 mi<sup>2</sup>, approximately.

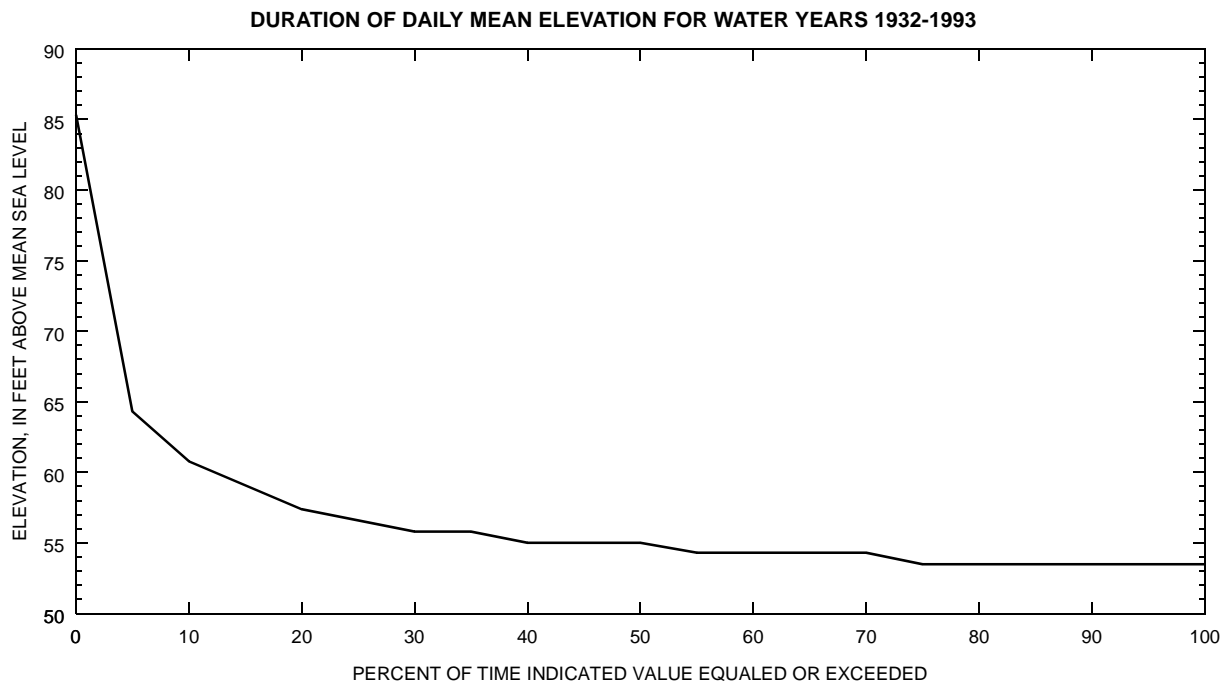
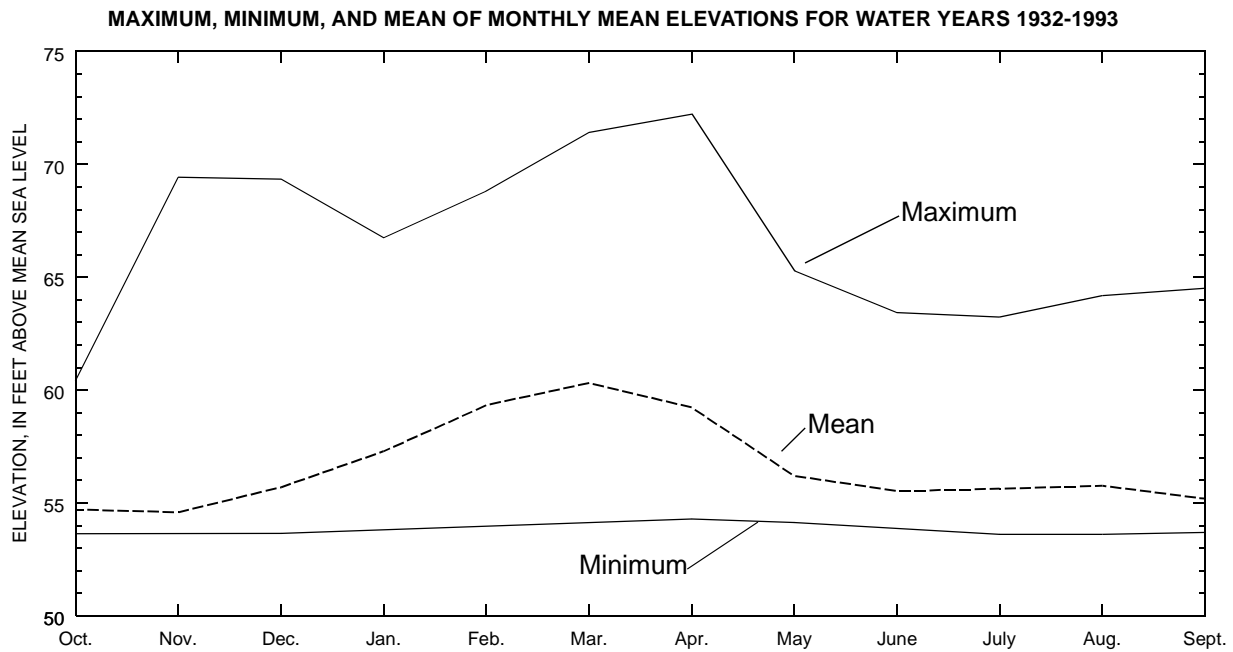
**PERIOD OF RECORD.**--October 1931 to 1993. Monthly discharge only for October and November 1931, published in WSP 1304.

**REVISED RECORDS.**--WSP 972: 1941-42. WSP 1905: Drainage area.

**GAGE.**--Water-stage recorder. Datum of gage is 47.21 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Oct. 11, 1931 to Dec. 3, 1941, nonrecording gage at same site and datum. Dec. 3, 1941 to Aug. 2, 1972, water-stage recorder at same site and datum. Aug. 2, 1972 to Apr. 22, 1986, nonrecording gage at same site and datum.

**REMARKS.**--Records good.

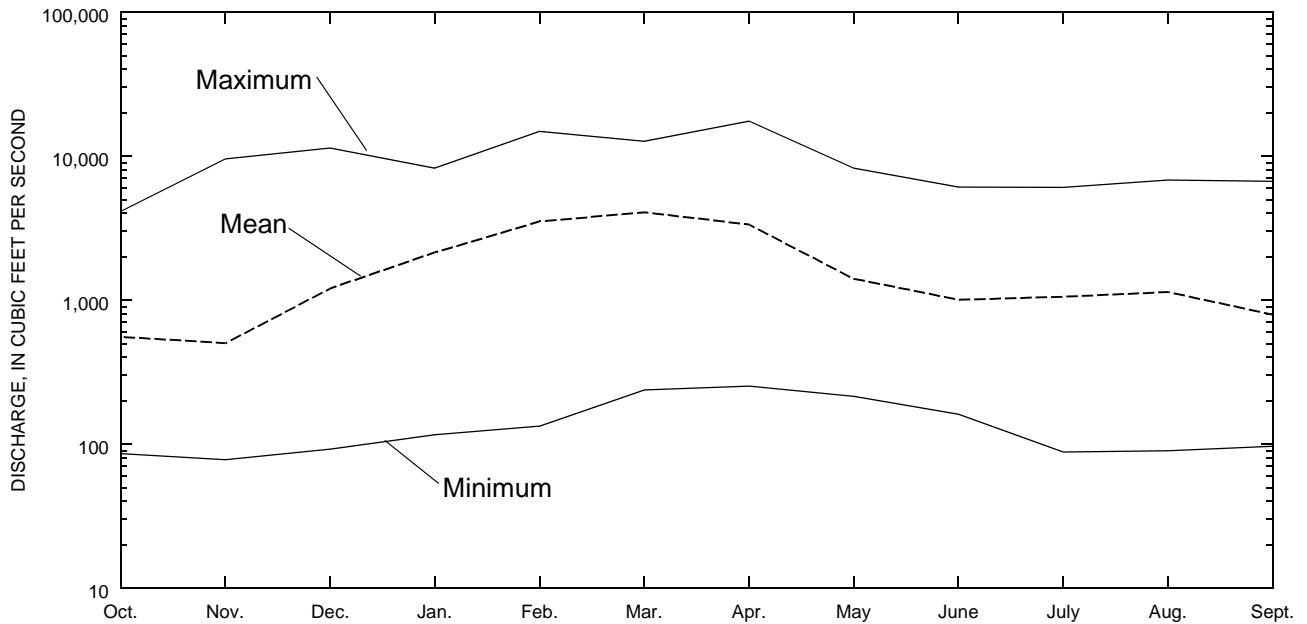
**EXTREMES OUTSIDE PERIOD OF RECORD.**--Flood in August 1928 reached a stage of 36.75 ft from floodmarks, discharge, 53,600 ft<sup>3</sup>/s.



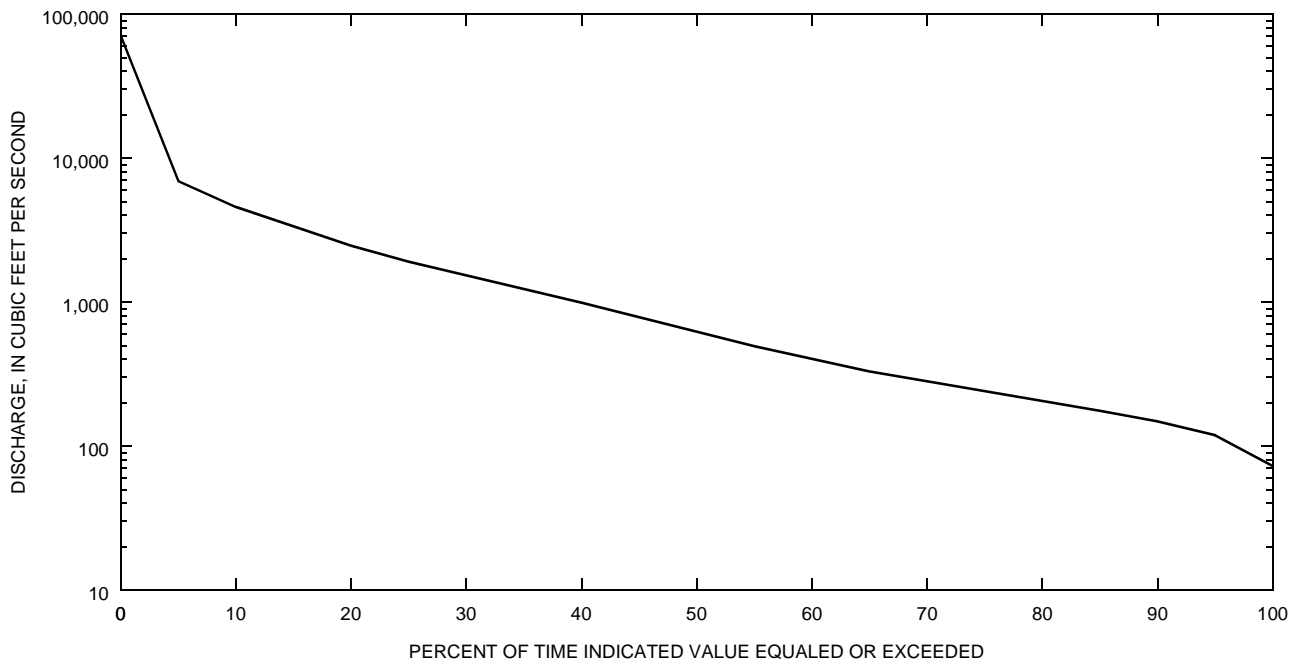
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
 FOR WATER YEARS 1932 - 1993**

ANNUAL MEAN	1718	
HIGHEST ANNUAL MEAN	5364	1948
LOWEST ANNUAL MEAN	236	1955
HIGHEST DAILY MEAN	73600	Apr 5 1948
LOWEST DAILY MEAN	73	Aug 21 1955
ANNUAL SEVEN-DAY MINIMUM	77	Aug 17 1955
INSTANTANEOUS PEAK FLOW	79400	Apr 5 1948
INSTANTANEOUS PEAK ELEVATION (FT)	85.85	Apr 5 1948
INSTANTANEOUS LOW FLOW	70	Aug 23 1955
ANNUAL RUNOFF (INCHES/CFSM)	11.01/0.81	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1932-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1932-1993**



SUWANNEE RIVER BASIN  
02319000 WITHLACOCHEE RIVER NEAR PINETTA, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1932-1993**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	60.39	53.63	54.71	4096	85.7	555
NOVEMBER	69.39	53.63	54.59	9450	78.1	503
DECEMBER	69.31	53.66	55.70	11280	92.4	1205
JANUARY	66.72	53.82	57.29	8134	116	2140
FEBRUARY	68.78	53.98	59.34	14720	133	3516
MARCH	71.38	54.14	60.31	12500	238	4067
APRIL	72.19	54.29	59.23	17320	253	3349
MAY	65.27	54.13	56.20	8154	214	1407
JUNE	63.41	53.87	55.53	6043	161	1005
JULY	63.20	53.61	55.63	6003	88.3	1055
AUGUST	64.16	53.62	55.76	6759	89.7	1137
SEPTEMBER	64.48	53.69	55.19	6625	96.5	792

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1932-1993**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	53.5	53.6	53.6	53.6	53.5	53.8	54.6	53.9	53.9	53.6	53.5	53.5	53.6
90.0	53.5	53.6	53.6	53.6	53.5	53.8	55.3	54.6	53.9	53.6	53.5	53.5	53.6
85.0	53.5	53.6	53.6	53.6	53.5	54.6	55.3	54.6	53.9	53.6	53.5	54.0	53.6
80.0	53.5	53.6	53.6	53.6	54.2	54.6	55.3	54.6	53.9	54.1	54.0	54.0	53.6
75.0	53.5	53.6	53.6	53.6	54.2	55.4	56.1	54.6	53.9	54.1	54.0	54.0	54.1
70.0	54.3	53.9	53.6	53.6	54.2	55.4	56.1	55.4	53.9	54.1	54.0	54.0	54.1
65.0	54.3	53.9	53.6	53.6	54.9	56.1	56.8	55.4	54.5	54.1	54.0	54.5	54.1
60.0	54.3	53.9	53.6	53.6	54.9	56.9	56.8	56.2	54.5	54.1	54.6	54.5	54.1
55.0	54.3	53.9	53.6	53.6	55.6	56.9	57.6	56.2	54.5	54.1	54.6	54.5	54.1
50.0	55.0	53.9	53.6	53.6	55.6	57.7	57.6	56.9	54.5	54.7	54.6	55.1	54.5
45.0	55.0	53.9	53.6	54.3	56.3	58.5	58.4	56.9	55.2	54.7	55.1	55.1	54.5
40.0	55.0	54.3	54.1	54.3	56.3	58.5	59.2	57.7	55.2	54.7	55.1	55.1	54.5
35.0	55.8	54.3	54.1	54.3	57.1	59.3	60.0	58.5	55.8	54.7	55.1	55.6	54.5
30.0	55.8	54.3	54.1	55.0	57.8	60.2	60.8	58.5	55.8	55.2	55.6	55.6	54.9
25.0	56.6	54.7	54.1	55.7	57.8	61.0	61.6	60.2	56.5	55.2	55.6	56.1	54.9
20.0	57.4	55.0	54.1	56.5	58.6	61.9	63.3	61.9	56.5	55.8	56.2	56.7	55.4
15.0	59.1	55.4	54.6	57.2	60.1	62.7	65.9	64.5	57.2	56.3	56.7	56.7	56.3
10.0	60.8	55.8	55.2	59.5	62.4	65.4	68.6	67.3	58.6	57.5	57.8	57.7	56.7
5.0	64.3	56.9	56.8	61.9	64.9	69.1	73.3	72.8	62.2	60.5	59.6	60.0	59.0
DISCHARGE IN CUBIC FEET PER SECOND													
95.0	119.3	101.4	96.3	102.9	141.6	212.5	438.5	299.5	192.7	146.6	136.1	116.3	107.6
90.0	148.0	115.2	108.7	117.8	193.8	307.2	718.2	413.2	222.2	173.2	159.5	162.7	128.9
85.0	175.7	126.8	118.9	130.7	231.9	528.8	948.6	515.7	248.3	195.5	177.2	202.9	153.5
80.0	203.2	137.9	128.9	145.9	272.1	694.3	1152.7	628.8	276.4	218.2	201.2	239.5	175.1
75.0	236.6	152.2	139.0	161.6	335.6	898.3	1335.6	763.0	310.5	242.5	243.4	274.6	195.5
70.0	277.2	164.9	148.0	177.5	425.3	1189.5	1516.5	937.5	351.8	272.1	296.9	318.6	219.0
65.0	330.0	176.7	156.4	194.0	612.6	1508.0	1747.9	1120.9	399.9	307.5	358.0	373.8	247.2
60.0	401.5	192.8	164.8	213.9	807.7	1844.3	2030.1	1310.9	455.3	345.9	415.5	447.8	275.7
55.0	494.6	212.8	175.8	235.5	1003.7	2199.3	2282.1	1505.6	526.6	383.4	493.1	533.9	308.0
50.0	620.2	235.0	187.8	262.9	1205.5	2579.2	2560.1	1753.9	632.9	432.1	573.1	628.4	346.8
45.0	780.2	262.3	203.8	307.8	1456.1	3024.4	2890.0	2044.6	765.3	497.3	681.9	731.3	395.9
40.0	992.1	296.2	225.9	390.1	1748.4	3383.3	3302.6	2384.1	925.9	579.9	797.0	844.1	461.4
35.0	1236.2	341.8	248.9	519.5	2053.8	3771.7	3761.5	2820.6	1132.0	684.5	948.7	996.0	534.8
30.0	1523.4	406.6	275.7	729.2	2408.3	4180.5	4312.1	3248.7	1326.6	824.0	1102.1	1175.0	622.5
25.0	1906.8	494.9	315.9	1101.6	2835.4	4745.4	5036.6	4137.5	1519.7	1018.5	1271.8	1362.3	725.7
20.0	2463.6	622.9	389.7	1503.7	3393.6	5383.8	6020.0	5345.4	1775.3	1263.2	1481.8	1595.8	944.1
15.0	3336.1	801.3	515.2	2044.5	4267.0	6093.0	7422.8	6555.0	2367.9	1580.5	1812.9	1914.3	1372.9
10.0	4583.0	1126.4	893.7	3514.5	5566.0	7496.3	9371.6	8020.0	3310.9	2333.9	2476.8	2537.2	1895.9
5.0	6941.5	1993.5	1793.0	5392.1	7253.5	9882.0	13040.6	10923.1	5402.3	4284.2	3691.7	4168.0	3250.0

SUWANNEE RIVER BASIN  
02319000 WITHLACOCHEE RIVER NEAR PINETTA, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1932 1933	54.0 39	54.0 40	54.1 41	54.2 41	54.3 44	54.5 42	55.4 50	55.4 50	56.4 48
1933 1934	53.8 21	53.8 23	53.9 21	53.9 21	53.9 21	53.9 15	53.9 10	53.9 8	54.2 13
1934 1935	53.7 11	53.7 11	53.7 11	53.7 8	53.7 5	53.7 4	53.8 6	53.9 6	54.1 11
1935 1936	53.7 13	53.8 13	53.8 14	53.8 14	53.9 17	54.1 34	54.3 35	54.6 35	56.5 49
1936 1937	54.0 40	54.0 41	54.1 42	54.1 40	54.2 38	54.6 44	54.6 41	54.8 43	55.3 39
1937 1938	54.2 50	54.3 50	54.5 51	54.6 51	54.7 50	54.8 49	55.2 49	55.4 49	55.7 44
1942 1943	53.8 15	53.8 15	53.8 15	53.8 15	53.8 14	53.9 16	54.1 24	54.1 20	54.3 18
1943 1944	53.6 3	53.6 3	53.6 3	53.7 3	53.7 3	53.7 3	53.7 3	53.8 4	54.0 6
1944 1945	54.1 43	54.1 43	54.2 43	54.2 47	54.4 47	54.8 48	55.0 45	55.3 46	55.3 37
1947 1948	54.0 42	54.0 42	54.1 40	54.1 39	54.3 45	54.7 45	54.7 43	54.8 41	55.7 46
1948 1949	54.4 51	54.4 51	54.5 50	54.5 50	54.6 49	54.8 46	55.1 46	55.3 48	55.3 40
1949 1950	54.2 47	54.2 47	54.2 45	54.2 45	54.2 39	54.3 38	54.3 34	54.3 29	54.5 26
1951 1952	53.7 10	53.7 9	53.7 9	53.7 9	53.8 13	54.0 21	54.0 17	54.0 14	54.1 12
1952 1953	53.8 24	53.8 24	53.9 25	53.9 24	53.9 25	53.9 17	54.0 15	54.0 16	54.1 8
1954 1955	53.6 2	53.6 2	53.6 2	53.6 2	53.6 2	53.7 2	53.7 2	53.7 2	53.7 2
1955 1956	53.5 1	53.5 1	53.5 1	53.5 1	53.6 1	53.6 1	53.6 1	53.7 1	53.7 1
1956 1957	53.6 4	53.6 4	53.7 4	53.7 6	53.8 10	54.0 26	54.0 21	54.1 19	54.2 15
1957 1958	54.0 41	54.0 39	54.0 39	54.2 42	54.4 46	54.9 50	55.6 51	56.1 51	56.6 50
1958 1959	53.8 26	53.9 26	53.9 26	53.9 25	53.9 23	53.9 19	53.9 13	54.0 15	54.4 21
1959 1960	54.2 48	54.2 48	54.2 48	54.3 48	54.4 48	54.8 47	55.2 48	55.2 45	55.7 45
1960 1961	53.9 32	53.9 31	53.9 31	53.9 31	54.0 28	54.0 31	54.2 32	54.3 30	54.6 27
1961 1962	53.9 28	53.9 28	53.9 27	53.9 22	53.9 24	53.9 18	54.0 16	54.1 21	54.3 16
1962 1963	53.8 17	53.8 18	53.8 19	53.8 18	53.9 18	54.0 24	54.1 27	54.2 24	54.2 14
1963 1964	53.7 6	53.7 5	53.7 5	53.7 4	53.7 4	53.8 7	53.9 9	54.0 9	54.4 22
1964 1965	54.6 52	54.7 52	54.7 52	55.0 52	55.3 52	55.9 52	57.3 52	57.7 52	58.0 52
1965 1966	54.2 46	54.2 45	54.2 46	54.2 44	54.2 40	54.3 39	54.6 40	54.6 37	55.3 38
1966 1967	54.2 45	54.2 46	54.2 47	54.2 46	54.3 42	54.3 40	54.4 39	54.4 34	55.1 34
1967 1968	53.8 22	53.8 21	53.9 22	53.9 23	53.9 22	53.9 13	53.9 11	54.0 12	54.1 10
1968 1969	53.7 5	53.7 10	53.7 10	53.7 10	53.7 6	53.8 6	53.8 5	53.8 5	53.9 4
1969 1970	53.8 23	53.8 22	53.8 20	53.8 19	53.9 19	54.0 29	54.4 38	54.7 38	54.7 28
1970 1971	54.0 38	54.0 38	54.0 37	54.0 37	54.1 37	54.2 35	54.2 29	54.4 32	55.4 42
1971 1972	53.8 18	53.8 17	53.8 16	53.8 17	53.9 16	53.9 14	54.1 28	54.8 42	55.6 43
1972 1973	53.7 7	53.7 6	53.7 6	53.7 5	53.8 9	53.8 8	53.9 8	54.0 10	54.5 25
1973 1974	54.0 37	54.0 37	54.0 36	54.0 35	54.0 34	54.0 32	54.2 30	54.3 28	54.9 32
1974 1975	53.9 34	53.9 34	54.0 34	54.0 36	54.0 35	54.1 33	54.3 36	55.0 44	55.3 41
1975 1976	54.2 44	54.2 44	54.2 44	54.2 43	54.3 41	54.3 41	54.6 42	54.7 40	55.2 35
1976 1977	54.2 49	54.2 49	54.3 49	54.5 49	54.7 51	55.0 51	55.1 47	55.3 47	56.6 51
1977 1978	53.9 29	53.9 29	53.9 29	53.9 28	53.9 27	54.0 25	54.1 25	54.2 25	54.3 19
1978 1979	53.8 19	53.8 19	53.8 17	53.8 16	53.8 15	53.9 11	53.9 12	54.0 13	54.3 20
1979 1980	53.9 30	53.9 30	53.9 30	53.9 30	54.0 36	54.2 37	54.4 37	54.6 36	54.9 31
1980 1981	53.8 27	53.9 27	53.9 28	53.9 26	54.0 29	54.0 22	54.0 18	54.0 17	54.1 7
1981 1982	53.7 8	53.7 8	53.7 7	53.7 11	53.7 8	53.9 12	54.0 14	54.0 11	54.0 5
1982 1983	53.8 16	53.8 16	53.8 18	53.9 20	53.9 20	53.9 20	54.2 31	54.4 33	54.9 33
1983 1984	53.9 31	53.9 32	53.9 32	53.9 32	54.0 31	54.2 36	54.2 33	54.4 31	54.9 30
1984 1985	54.0 36	54.0 35	54.0 35	54.0 34	54.0 33	54.0 30	54.0 19	54.1 22	54.4 24
1986 1987	53.7 12	53.7 12	53.7 12	53.8 12	53.8 11	53.8 10	54.1 26	54.2 26	54.3 17
1987 1988	53.8 14	53.8 14	53.8 13	53.8 13	53.8 12	53.8 9	53.8 7	53.9 7	54.1 9
1988 1989	53.8 20	53.8 20	53.9 23	53.9 27	53.9 26	54.0 23	54.0 20	54.1 18	54.4 23
1989 1990	53.8 25	53.8 25	53.9 24	53.9 29	54.0 30	54.0 27	54.0 22	54.2 27	55.2 36
1990 1991	53.7 9	53.7 7	53.7 8	53.7 7	53.7 7	53.7 5	53.8 4	53.8 3	53.8 3
1991 1992	53.9 33	53.9 33	53.9 33	54.0 33	54.0 32	54.0 28	54.1 23	54.2 23	55.7 47
1992 1993	53.9 35	54.0 36	54.0 38	54.1 38	54.3 43	54.5 43	54.7 44	54.7 39	54.8 29

SUWANNEE RIVER BASIN  
02319000 WITHLACOCHEE RIVER NEAR PINETTA, FL--Continued

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1933 1933	70.0 27	69.9 27	69.3 27	68.4 23	66.3 21	63.3 21	62.5 17	61.2 19	59.9 16
1934 1934	59.1 48	58.9 48	58.5 48	57.6 48	57.0 47	56.0 49	55.7 49	55.5 49	55.2 48
1935 1935	69.9 28	69.7 28	69.4 26	68.4 24	64.7 26	60.5 32	58.7 38	57.5 39	56.5 41
1936 1936	66.9 33	66.8 33	66.2 32	64.6 33	62.7 31	60.7 31	60.2 28	59.8 25	58.2 27
1937 1937	75.3 20	74.9 20	72.9 20	69.4 21	67.2 17	63.4 19	62.4 19	61.2 20	59.2 20
1938 1938	58.6 49	58.3 49	57.9 49	57.4 49	56.7 48	56.4 48	56.3 47	56.0 47	55.8 45
1943 1943	62.0 45	61.8 45	61.3 45	59.9 45	59.0 43	57.8 43	57.2 43	56.8 43	56.3 42
1944 1944	78.7 12	78.3 13	76.5 14	74.8 11	72.5 7	68.9 5	66.0 8	63.5 10	60.6 11
1946 1946	70.7 26	70.3 26	68.5 29	65.0 32	62.8 30	61.3 28	61.0 24	60.3 22	59.1 21
1948 1948	85.4 1	84.8 2	82.9 2	78.5 4	77.6 1	71.8 1	67.9 2	67.1 2	67.2 1
1949 1949	64.6 40	64.6 38	64.0 37	63.0 36	60.9 37	59.5 37	59.5 32	59.1 29	58.6 24
1952 1952	63.2 42	63.2 42	63.1 42	62.6 40	61.3 34	60.2 34	59.0 35	58.8 32	57.7 32
1953 1953	65.1 36	65.1 36	64.5 36	62.6 39	59.9 40	58.8 41	58.4 39	57.7 38	56.8 37
1955 1955	57.3 50	57.2 50	56.9 50	56.3 50	55.2 50	54.8 50	54.7 50	54.6 50	54.4 51
1956 1956	67.2 31	66.9 32	65.9 34	62.7 38	58.9 44	57.1 46	56.9 44	56.5 44	55.8 46
1957 1957	63.9 41	63.9 41	63.3 41	60.8 42	58.8 45	57.8 42	57.6 42	57.3 41	56.7 39
1958 1958	77.2 18	77.0 18	76.2 15	73.2 13	66.7 19	64.4 16	62.4 18	61.6 17	60.7 10
1959 1959	80.2 10	79.8 10	78.6 10	76.7 5	72.9 6	68.1 7	64.7 10	63.8 9	61.8 8
1960 1960	82.0 7	81.7 7	80.4 7	75.0 9	67.2 16	65.3 13	63.1 15	61.7 16	59.7 18
1961 1961	79.7 11	79.4 11	77.5 11	71.8 16	65.1 23	61.9 26	60.4 27	59.3 28	58.0 31
1962 1962	67.2 32	67.1 31	66.6 31	65.1 31	61.4 33	59.4 38	58.0 41	57.2 42	56.2 43
1963 1963	61.0 46	60.8 46	60.1 46	59.3 46	59.1 41	58.9 40	58.1 40	57.3 40	56.6 40
1964 1964	80.2 9	80.0 9	79.1 8	76.4 7	71.2 9	67.5 9	66.4 7	65.8 4	62.6 6
1965 1965	82.6 5	82.2 5	80.6 6	75.7 8	73.0 3	70.3 3	67.0 5	67.2 1	64.6 2
1966 1966	78.7 13	78.4 12	77.4 12	74.9 10	71.4 8	66.8 10	63.7 12	61.9 15	60.6 12
1967 1967	66.9 34	66.7 34	66.1 33	65.2 30	62.2 32	60.8 30	59.1 34	58.0 37	56.8 38
1968 1968	56.2 51	56.1 51	55.9 51	55.5 51	55.0 51	54.7 51	54.6 51	54.5 51	54.4 50
1969 1969	62.2 43	62.1 43	61.6 43	60.6 43	59.1 42	57.5 45	56.7 46	56.4 45	55.8 47
1970 1970	69.4 29	69.3 29	68.9 28	67.7 27	63.5 28	61.2 29	59.9 29	59.1 31	58.1 29
1971 1971	64.8 38	64.6 37	63.9 38	63.5 35	60.8 38	60.0 36	59.6 31	59.1 30	58.2 28
1972 1972	72.7 23	72.4 22	71.1 23	68.1 26	65.5 22	63.4 20	61.7 21	60.6 21	58.6 22
1973 1973	82.3 6	82.2 6	81.7 4	79.3 2	72.9 4	67.9 8	67.1 4	65.3 6	63.3 5
1974 1974	65.9 35	65.7 35	65.0 35	63.7 34	61.0 36	59.3 39	59.0 37	58.2 36	57.3 35
1975 1975	80.3 8	80.1 8	78.8 9	74.5 12	67.5 14	63.9 17	63.1 14	62.7 13	60.5 13
1976 1976	77.6 17	77.5 17	76.0 18	70.4 17	64.6 27	61.7 27	59.7 30	58.7 34	58.3 26
1977 1977	72.8 22	72.4 23	71.3 22	68.9 22	64.9 25	64.5 15	62.3 20	62.8 12	60.5 14
1978 1978	69.2 30	68.7 30	67.7 30	66.3 29	63.3 29	62.0 25	60.6 25	59.8 24	58.5 25
1979 1979	78.4 14	77.9 15	76.1 17	70.2 18	67.3 15	63.2 22	61.2 22	60.2 23	58.6 23
1980 1980	75.8 19	75.3 19	73.2 19	69.5 20	68.7 12	64.9 14	62.8 16	61.4 18	59.6 19
1981 1981	59.6 47	59.3 47	58.8 47	57.7 47	56.7 49	56.5 47	55.9 48	55.5 48	55.0 49
1982 1982	64.7 39	64.4 40	63.9 39	63.0 37	61.3 35	60.1 35	59.0 36	58.7 33	57.6 34
1983 1983	78.3 15	78.0 14	76.8 13	72.4 14	69.7 11	68.4 6	66.8 6	64.8 7	61.9 7
1984 1984	83.4 4	83.1 4	81.7 5	76.4 6	72.9 5	69.6 4	68.2 1	66.1 3	63.3 3
1986 1986	85.4 2	85.1 1	83.8 1	78.7 3	70.9 10	65.5 12	64.0 11	63.0 11	60.4 15
1987 1987	73.8 21	73.5 21	72.5 21	69.7 19	67.6 13	66.6 11	65.3 9	64.3 8	61.4 9
1988 1988	72.6 24	72.2 24	70.7 24	68.1 25	67.2 18	62.2 24	60.6 26	59.4 27	57.6 33
1989 1989	62.1 44	62.0 44	61.5 44	59.9 44	58.4 46	57.6 44	56.7 45	56.3 46	55.9 44
1990 1990	64.8 37	64.4 39	63.7 40	62.3 41	60.5 39	60.2 33	59.2 33	58.6 35	57.2 36
1991 1991	84.1 3	83.9 3	82.7 3	80.4 1	73.4 2	71.0 2	67.4 3	65.4 5	63.3 4
1992 1992	72.2 25	71.7 25	69.9 25	66.9 28	65.0 24	62.5 23	61.0 23	59.6 26	58.0 30
1993 1993	78.1 16	77.7 16	76.1 16	72.0 15	66.4 20	63.7 18	63.6 13	61.9 14	59.8 17

SUWANNEE RIVER BASIN  
02319000 WITHLACOCHEE RIVER NEAR PINETTA, FL--Continued

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1932 1933	134 27	141 30	147 30	169 37	208 46	267 45	851 59	837 57	1473 56
1933 1934	108 13	111 13	112 13	114 13	116 10	121 9	122 9	125 8	204 11
1934 1935	94.0 7	94.7 6	95.4 5	95.5 4	96.6 4	97.4 4	112 4	121 5	200 9
1935 1936	116 15	119 17	123 18	125 16	137 19	193 33	219 29	348 39	1574 58
1936 1937	144 33	150 35	155 36	163 36	187 40	355 51	365 46	488 46	827 45
1937 1938	234 56	250 57	327 60	366 60	410 59	470 56	711 56	786 55	984 50
1938 1939	125 23	126 22	131 22	138 22	142 23	150 18	173 20	195 19	245 16
1939 1940	118 18	118 16	120 15	121 15	124 14	127 10	140 11	206 22	466 32
1940 1941	104 12	106 12	107 12	108 10	110 9	114 8	118 8	146 9	245 15
1941 1942	116 16	117 15	122 16	129 19	140 20	153 19	171 18	209 23	307 22
1942 1943	139 29	139 28	140 26	142 25	150 25	168 24	224 31	223 26	291 19
1943 1944	86.0 3	86.7 3	88.0 3	90.2 3	94.8 3	95.5 3	103 3	121 6	197 8
1944 1945	219 53	219 52	225 52	254 55	324 54	488 57	614 53	770 53	810 44
1945 1946	212 52	213 51	223 51	233 51	260 48	331 50	580 52	933 59	2164 60
1946 1947	187 50	188 50	190 49	193 47	202 44	226 42	271 42	397 42	635 38
1947 1948	168 44	175 45	176 45	191 46	283 52	410 52	446 50	466 45	1017 52
1948 1949	285 60	298 60	321 59	349 58	368 57	460 55	621 54	781 54	783 43
1949 1950	169 46	170 44	174 44	180 43	194 43	209 38	212 27	232 28	330 25
1950 1951	90.0 4	91.3 4	95.9 6	100 6	103 6	107 6	113 6	122 7	160 5
1951 1952	102 10	103 11	106 10	111 11	133 18	184 29	193 24	198 21	234 14
1952 1953	117 17	120 18	124 19	126 18	130 16	131 11	148 13	173 13	188 7
1953 1954	210 51	220 53	235 54	270 56	404 58	435 53	745 58	898 58	1267 55
1954 1955	77.0 2	77.0 2	77.0 2	77.4 1	78.0 1	80.8 1	83.9 1	86.3 1	95.8 1
1955 1956	73.0 1	73.7 1	76.9 1	78.7 2	82.8 2	86.5 2	89.5 2	99.5 2	116 2
1956 1957	91.0 5	92.0 5	95.1 4	101 7	108 8	183 28	184 23	197 20	287 18
1957 1958	159 41	159 38	170 42	218 50	322 53	551 59	941 60	1314 60	1564 57
1958 1959	123 21	125 21	127 20	131 20	132 17	141 16	146 12	165 12	323 24
1959 1960	264 59	267 59	272 57	290 57	353 56	510 58	725 57	712 52	1003 51
1960 1961	148 35	148 34	151 34	158 34	164 33	195 35	249 38	308 35	443 31
1961 1962	131 25	133 25	134 24	136 21	142 22	148 17	174 21	222 25	294 20
1962 1963	139 30	140 29	143 29	147 28	153 26	192 32	236 35	257 31	255 17
1963 1964	113 14	113 14	114 14	116 14	119 11	131 12	173 19	193 18	383 29
1964 1965	432 61	445 61	492 61	654 61	841 61	1203 61	2129 61	2338 61	2553 61
1965 1966	235 57	237 56	244 56	248 53	262 49	292 47	423 48	446 44	878 46
1966 1967	230 54	235 55	242 55	252 54	276 51	299 49	347 45	349 40	764 42
1967 1968	143 32	144 32	148 33	155 31	158 30	164 23	170 16	183 15	216 12
1968 1969	91.0 6	96.7 8	97.9 7	99.6 5	100 5	105 5	113 5	117 4	139 4
1969 1970	150 36	153 36	153 35	155 32	161 31	210 39	376 47	531 48	529 33
1970 1971	158 39	161 39	165 38	171 39	180 38	229 43	241 36	345 38	946 49
1971 1972	144 34	146 33	148 32	150 29	157 29	169 26	259 40	626 50	1090 53
1972 1973	102 11	103 10	107 11	107 9	121 13	137 14	151 15	176 14	415 30
1973 1974	158 40	168 43	168 40	171 40	176 36	189 31	236 34	292 34	646 39
1974 1975	173 47	176 46	179 46	185 45	192 42	224 41	310 43	668 51	905 48
1975 1976	232 55	232 54	234 53	243 52	268 50	298 48	442 49	503 47	736 41
1976 1977	250 58	256 58	280 58	363 59	482 60	642 60	700 55	794 56	1630 59
1977 1978	155 37	156 37	158 37	162 35	174 35	185 30	212 28	248 29	305 21
1978 1979	140 31	142 31	143 28	144 26	148 24	155 20	170 17	187 16	319 23
1979 1980	155 38	162 40	166 39	170 38	202 45	282 46	339 44	436 43	583 35
1980 1981	130 24	132 24	135 25	139 24	157 28	159 21	179 22	188 17	201 10
1981 1982	95.0 8	95.0 7	102 9	113 12	121 12	137 13	150 14	160 11	168 6
1982 1983	137 28	138 27	142 27	153 30	156 27	169 25	260 41	372 41	646 40
1983 1984	165 43	167 42	171 43	174 41	179 37	248 44	249 39	333 36	594 36
1984 1985	177 48	179 47	180 47	183 44	189 41	195 36	198 26	224 27	355 27
1985 1986	122 20	124 20	129 21	144 27	173 34	201 37	243 37	342 37	571 34
1986 1987	123 22	127 23	133 23	138 23	140 21	161 22	236 33	264 32	336 26
1987 1988	120 19	120 19	122 17	126 17	129 15	138 15	140 10	153 10	224 13
1988 1989	131 26	136 26	147 31	156 33	163 32	176 27	198 25	221 24	359 28
1989 1990	178 49	183 49	187 48	200 48	214 47	219 40	235 32	287 33	889 47
1990 1991	99.0 9	99.3 9	100 8	102 8	107 7	112 7	115 7	116 3	128 3
1991 1992	161 42	164 41	169 41	178 42	187 39	195 34	221 30	248 30	1231 54
1992 1993	168 45	179 48	193 50	218 49	335 55	455 54	550 51	546 49	621 37

SUWANNEE RIVER BASIN  
02319000 WITHLACOCHEE RIVER NEAR PINETTA, FL--Continued

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1933 1933	70.0 27	69.9 27	69.3 27	68.4 23	66.3 21	63.3 21	62.5 17	61.2 19	59.9 16
1934 1934	59.1 48	58.9 48	58.5 48	57.6 48	57.0 47	56.0 49	55.7 49	55.5 49	55.2 48
1935 1935	69.9 28	69.7 28	69.4 26	68.4 24	64.7 26	60.5 32	58.7 38	57.5 39	56.5 41
1936 1936	66.9 33	66.8 33	66.2 32	64.6 33	62.7 31	60.7 31	60.2 28	59.8 25	58.2 27
1937 1937	75.3 20	74.9 20	72.9 20	69.4 21	67.2 17	63.4 19	62.4 19	61.2 20	59.2 20
1938 1938	58.6 49	58.3 49	57.9 49	57.4 49	56.7 48	56.4 48	56.3 47	56.0 47	55.8 45
1943 1943	62.0 45	61.8 45	61.3 45	59.9 45	59.0 43	57.8 43	57.2 43	56.8 43	56.3 42
1944 1944	78.7 12	78.3 13	76.5 14	74.8 11	72.5 7	68.9 5	66.0 8	63.5 10	60.6 11
1946 1946	70.7 26	70.3 26	68.5 29	65.0 32	62.8 30	61.3 28	61.0 24	60.3 22	59.1 21
1948 1948	85.4 1	84.8 2	82.9 2	78.5 4	77.6 1	71.8 1	67.9 2	67.1 2	67.2 1
1949 1949	64.6 40	64.6 38	64.0 37	63.0 36	60.9 37	59.5 37	59.5 32	59.1 29	58.6 24
1952 1952	63.2 42	63.2 42	63.1 42	62.6 40	61.3 34	60.2 34	59.0 35	58.8 32	57.7 32
1953 1953	65.1 36	65.1 36	64.5 36	62.6 39	59.9 40	58.8 41	58.4 39	57.7 38	56.8 37
1955 1955	57.3 50	57.2 50	56.9 50	56.3 50	55.2 50	54.8 50	54.7 50	54.6 50	54.4 51
1956 1956	67.2 31	66.9 32	65.9 34	62.7 38	58.9 44	57.1 46	56.9 44	56.5 44	55.8 46
1957 1957	63.9 41	63.9 41	63.3 41	60.8 42	58.8 45	57.8 42	57.6 42	57.3 41	56.7 39
1958 1958	77.2 18	77.0 18	76.2 15	73.2 13	66.7 19	64.4 16	62.4 18	61.6 17	60.7 10
1959 1959	80.2 10	79.8 10	78.6 10	76.7 5	72.9 6	68.1 7	64.7 10	63.8 9	61.8 8
1960 1960	82.0 7	81.7 7	80.4 7	75.0 9	67.2 16	65.3 13	63.1 15	61.7 16	59.7 18
1961 1961	79.7 11	79.4 11	77.5 11	71.8 16	65.1 23	61.9 26	60.4 27	59.3 28	58.0 31
1962 1962	67.2 32	67.1 31	66.6 31	65.1 31	61.4 33	59.4 38	58.0 41	57.2 42	56.2 43
1963 1963	61.0 46	60.8 46	60.1 46	59.3 46	59.1 41	58.9 40	58.1 40	57.3 40	56.6 40
1964 1964	80.2 9	80.0 9	79.1 8	76.4 7	71.2 9	67.5 9	66.4 7	65.8 4	62.6 6
1965 1965	82.6 5	82.2 5	80.6 6	75.7 8	73.0 3	70.3 3	67.0 5	67.2 1	64.6 2
1966 1966	78.7 13	78.4 12	77.4 12	74.9 10	71.4 8	66.8 10	63.7 12	61.9 15	60.6 12
1967 1967	66.9 34	66.7 34	66.1 33	65.2 30	62.2 32	60.8 30	59.1 34	58.0 37	56.8 38
1968 1968	56.2 51	56.1 51	55.9 51	55.5 51	55.0 51	54.7 51	54.6 51	54.5 51	54.4 50
1969 1969	62.2 43	62.1 43	61.6 43	60.6 43	59.1 42	57.5 45	56.7 46	56.4 45	55.8 47
1970 1970	69.4 29	69.3 29	68.9 28	67.7 27	63.5 28	61.2 29	59.9 29	59.1 31	58.1 29
1971 1971	64.8 38	64.6 37	63.9 38	63.5 35	60.8 38	60.0 36	59.6 31	59.1 30	58.2 28
1972 1972	72.7 23	72.4 22	71.1 23	68.1 26	65.5 22	63.4 20	61.7 21	60.6 21	58.6 22
1973 1973	82.3 6	82.2 6	81.7 4	79.3 2	72.9 4	67.9 8	67.1 4	65.3 6	63.3 5
1974 1974	65.9 35	65.7 35	65.0 35	63.7 34	61.0 36	59.3 39	59.0 37	58.2 36	57.3 35
1975 1975	80.3 8	80.1 8	78.8 9	74.5 12	67.5 14	63.9 17	63.1 14	62.7 13	60.5 13
1976 1976	77.6 17	77.5 17	76.0 18	70.4 17	64.6 27	61.7 27	59.7 30	58.7 34	58.3 26
1977 1977	72.8 22	72.4 23	71.3 22	68.9 22	64.9 25	64.5 15	62.3 20	62.8 12	60.5 14
1978 1978	69.2 30	68.7 30	67.7 30	66.3 29	63.3 29	62.0 25	60.6 25	59.8 24	58.5 25
1979 1979	78.4 14	77.9 15	76.1 17	70.2 18	67.3 15	63.2 22	61.2 22	60.2 23	58.6 23
1980 1980	75.8 19	75.3 19	73.2 19	69.5 20	68.7 12	64.9 14	62.8 16	61.4 18	59.6 19
1981 1981	59.6 47	59.3 47	58.8 47	57.7 47	56.7 49	56.5 47	55.9 48	55.5 48	55.0 49
1982 1982	64.7 39	64.4 40	63.9 39	63.0 37	61.3 35	60.1 35	59.0 36	58.7 33	57.6 34
1983 1983	78.3 15	78.0 14	76.8 13	72.4 14	69.7 11	68.4 6	66.8 6	64.8 7	61.9 7
1984 1984	83.4 4	83.1 4	81.7 5	76.4 6	72.9 5	69.6 4	68.2 1	66.1 3	63.3 3
1986 1986	85.4 2	85.1 1	83.8 1	78.7 3	70.9 10	65.5 12	64.0 11	63.0 11	60.4 15
1987 1987	73.8 21	73.5 21	72.5 21	69.7 19	67.6 13	66.6 11	65.3 9	64.3 8	61.4 9
1988 1988	72.6 24	72.2 24	70.7 24	68.1 25	67.2 18	62.2 24	60.6 26	59.4 27	57.6 33
1989 1989	62.1 44	62.0 44	61.5 44	59.9 44	58.4 46	57.6 44	56.7 45	56.3 46	55.9 44
1990 1990	64.8 37	64.4 39	63.7 40	62.3 41	60.5 39	60.2 33	59.2 33	58.6 35	57.2 36
1991 1991	84.1 3	83.9 3	82.7 3	80.4 1	73.4 2	71.0 2	67.4 3	65.4 5	63.3 4
1992 1992	72.2 25	71.7 25	69.9 25	66.9 28	65.0 24	62.5 23	61.0 23	59.6 26	58.0 30
1993 1993	78.1 16	77.7 16	76.1 16	72.0 15	66.4 20	63.7 18	63.6 13	61.9 14	59.8 17

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**SUWANNEE RIVER BASIN**  
02319500 SUWANNEE RIVER AT ELLAVILLE, FL

**LOCATION.**--Lat 30°23'04", long 83°10'19", in NE<sup>1</sup>/<sub>4</sub> sec.24, T.1 S., R.11 E., Suwannee County, Hydrologic Unit 03110205, on left bank at Ellaville, 100 ft upstream from Seaboard Air Line Railroad bridge, 200 ft downstream from Withlacoochee River, 900ft upstream from bridge on U.S. Highway 90, and 127 mi upstream from mouth.

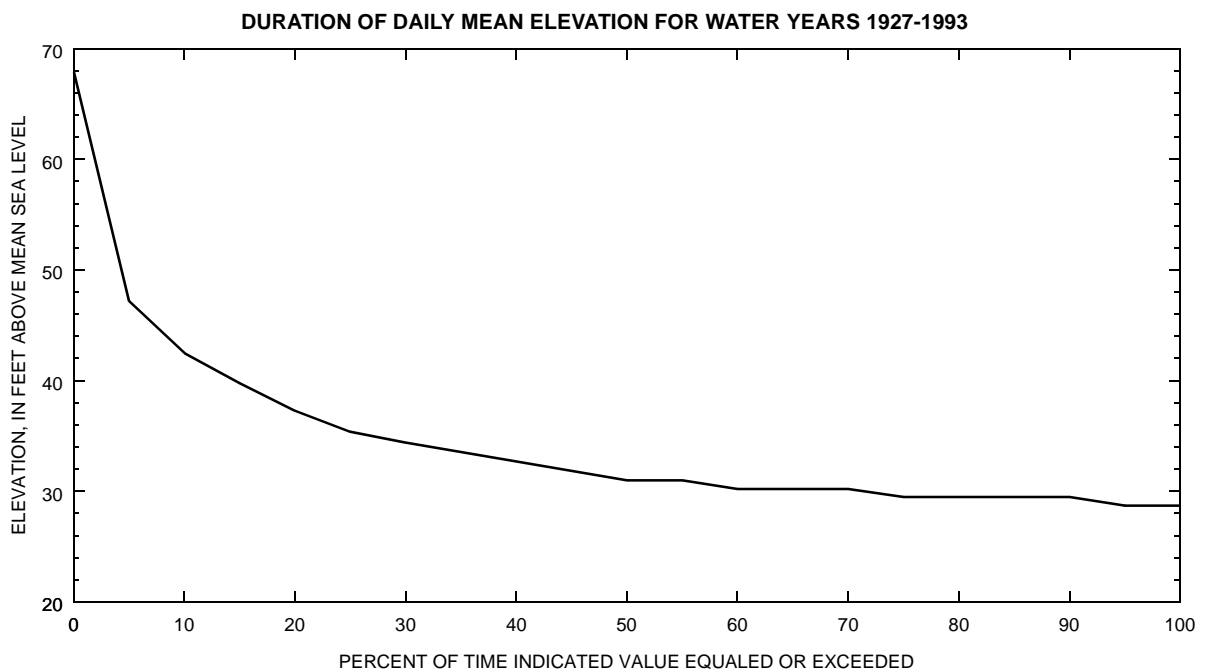
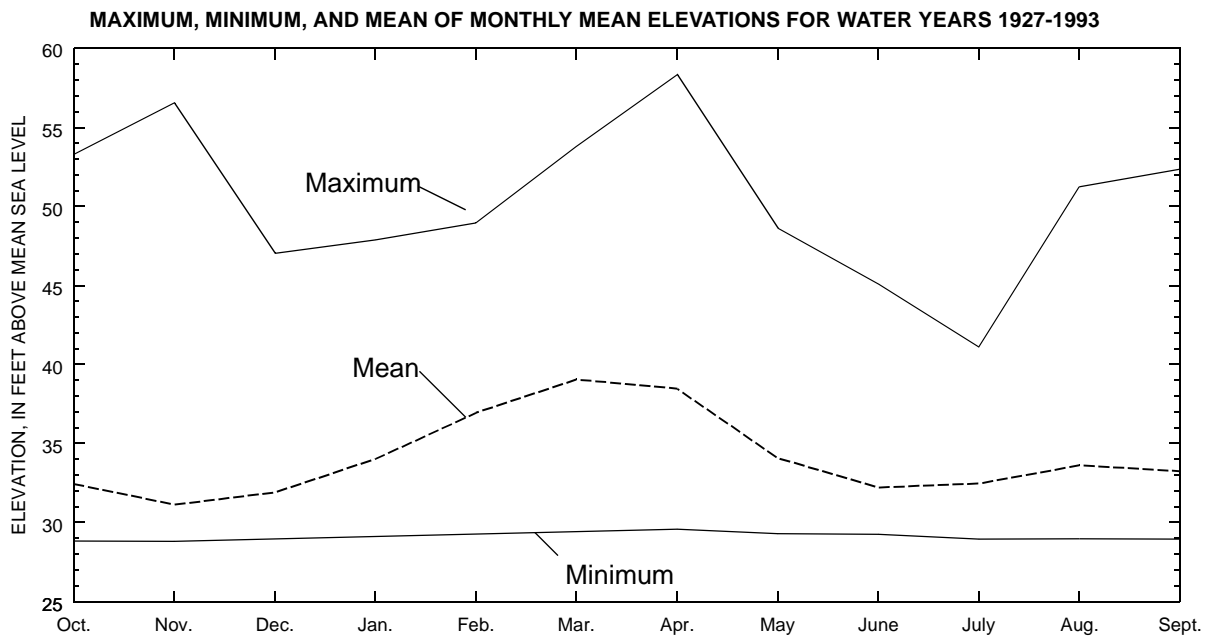
**DRAINAGE AREA.**--6,970 mi<sup>2</sup>, approximately, includes part of watershed in Okefenokee Swamp which is indeterminate.

**PERIOD OF RECORD.**--January 1927 to 1993.

**REVISED RECORDS.**--WSP 1905: WDR FL-75-1: Drainage area.

**GAGE.**--Water-stage recorder. Datum of gage is 27.22 ft above National Geodetic Vertical Datum of 1929. Prior to June 20, 1932, nonrecording gage at same site and datum. Nov. 8, 1955 to Sept. 30, 1970, nonrecording gage 1.1 mi downstream from base gage at datum 2.67ft lower, used as supplementary gage when flow was less than 4,800 ft<sup>3</sup>/s.

**REMARKS.**--Records good above 5,000 cfs, and fair below. Since Nov. 7, 1953, slight regulation at low water caused by diversions above control 0.7 mi downstream from gage by a steam-electric powerplant for cooling of condensers. Total diverted flow is returned to river below control and is included in station record. Records include flow of large spring on left bank about 200 ft downstream; spring flow may reverse during high stages.

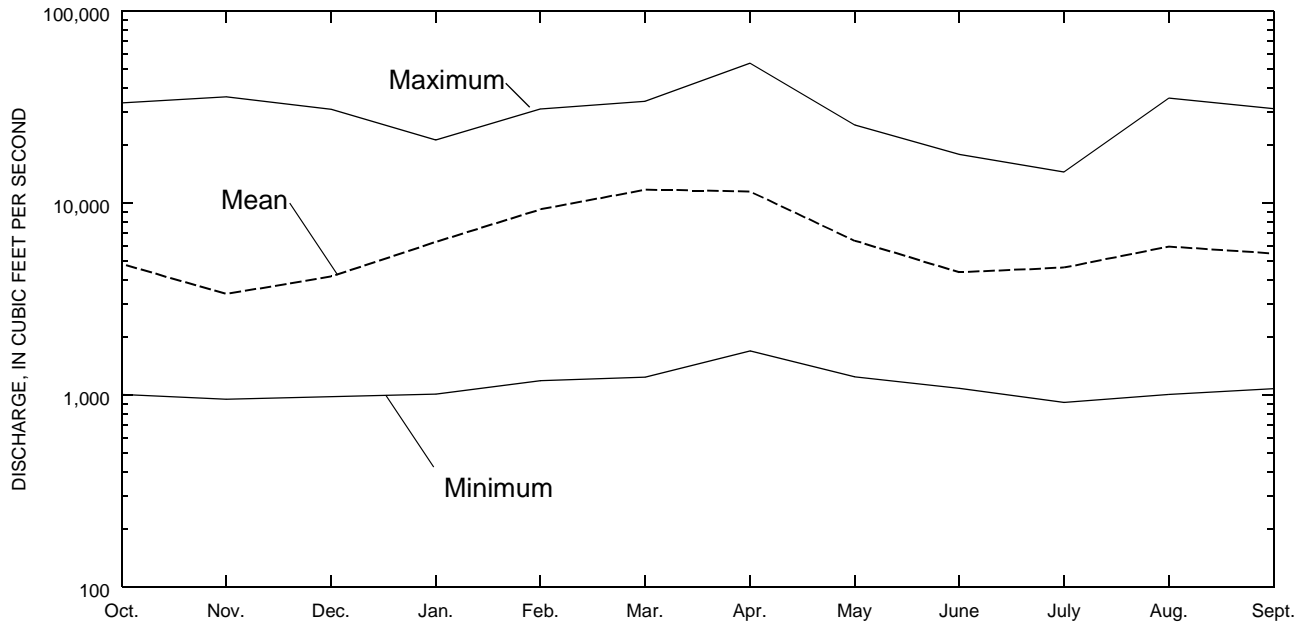


SUWANNEE RIVER BASIN  
02319500 SUWANNEE RIVER AT ELLAVILLE, FL--Continued

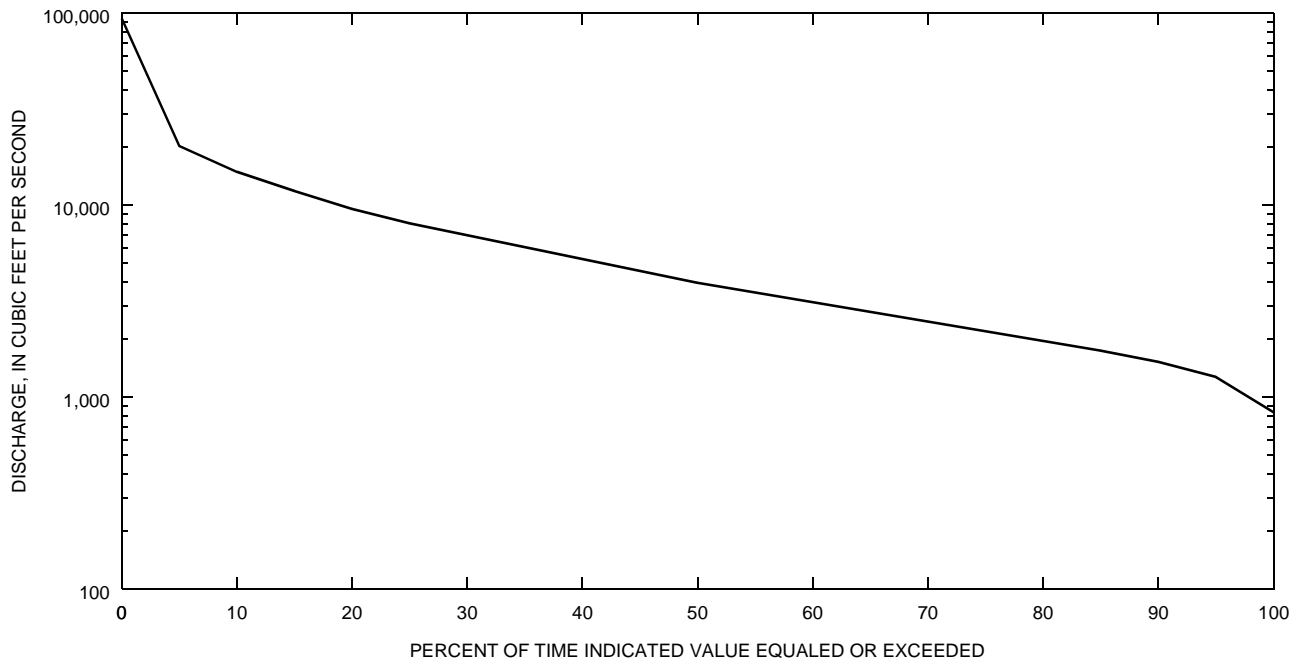
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
FOR WATER YEARS 1927 - 1993**

ANNUAL MEAN	6528	
HIGHEST ANNUAL MEAN	19710	1948
LOWEST ANNUAL MEAN	1296	1955
HIGHEST DAILY MEAN	94700	Apr 8 1948
LOWEST DAILY MEAN	835	Nov 8 1990
ANNUAL SEVEN-DAY MINIMUM	862	Nov 3 1990
INSTANTANEOUS PEAK FLOW	95300	Apr 7 1948
INSTANTANEOUS PEAK ELEVATION (FT)	68.10	Apr 7 1948
INSTANTANEOUS LOW FLOW	835	Nov 8 1990
ANNUAL RUNOFF (INCHES/CFSM)	12.73/0.94	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1927-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1927-1993**



SUWANNEE RIVER BASIN  
02319500 SUWANNEE RIVER AT ELLAVILLE, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1927-1993**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	53.24	28.83	32.44	32940	1006	4826
NOVEMBER	56.51	28.81	31.13	35590	951	3367
DECEMBER	46.99	29.00	31.90	30600	978	4148
JANUARY	47.83	29.11	34.03	21150	1014	6280
FEBRUARY	48.90	29.21	36.95	30720	1189	9281
MARCH	53.75	29.40	39.05	33680	1240	11760
APRIL	58.30	29.58	38.47	53180	1702	11510
MAY	48.59	29.30	34.08	25380	1245	6375
JUNE	45.06	29.26	32.22	17800	1084	4366
JULY	41.06	28.95	32.47	14380	917	4619
AUGUST	51.20	28.97	33.62	34990	1010	5944
SEPTEMBER	52.31	28.94	33.25	30760	1082	5468

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1927-1993**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	28.7	28.7	28.7	28.8	29.0	29.1	29.9	29.9	29.1	29.4	28.9	28.9	28.8
90.0	29.5	29.3	28.7	28.8	29.5	29.8	30.5	29.9	29.7	29.4	29.4	28.9	29.4
85.0	29.5	29.3	29.3	28.8	29.5	29.8	31.2	30.7	29.7	29.4	29.4	29.6	29.4
80.0	29.5	29.3	29.3	29.4	29.5	30.5	31.2	30.7	29.7	29.8	29.9	29.6	30.0
75.0	29.5	29.3	29.3	29.4	30.1	30.5	31.9	31.5	30.3	29.8	29.9	30.4	30.0
70.0	30.2	29.3	29.3	29.4	30.1	31.2	33.4	32.3	30.3	29.8	30.4	30.4	30.0
65.0	30.2	30.0	29.3	29.4	30.1	32.6	34.1	33.1	31.0	30.3	30.4	30.4	30.6
60.0	30.2	30.0	29.3	29.4	30.7	33.4	34.9	34.0	31.0	30.3	30.4	31.1	30.6
55.0	31.0	30.0	29.3	29.4	30.7	34.9	35.7	34.9	31.6	30.8	30.9	31.1	30.6
50.0	31.0	30.0	29.9	30.0	31.3	35.7	37.3	35.8	32.3	30.8	30.9	31.8	31.2
45.0	31.9	30.6	29.9	30.0	32.5	36.6	38.1	36.7	32.3	31.3	31.4	31.8	31.2
40.0	32.7	30.6	29.9	30.0	33.1	37.4	39.8	37.7	33.0	31.3	31.9	32.6	31.9
35.0	33.6	31.3	30.6	30.7	33.8	38.3	40.7	39.7	33.7	31.8	32.4	33.4	32.5
30.0	34.4	32.0	30.6	31.3	35.1	40.0	41.7	41.1	35.1	32.3	33.0	33.4	33.2
25.0	35.4	32.0	30.6	32.0	36.4	40.9	42.6	43.1	35.9	32.8	33.5	34.2	33.9
20.0	37.3	32.7	31.2	32.7	37.8	41.9	44.5	45.2	36.7	33.3	34.1	35.9	35.3
15.0	39.8	34.9	31.9	34.1	40.1	44.0	47.2	48.0	38.2	34.4	35.2	36.8	36.8
10.0	42.5	37.2	32.6	35.5	42.4	45.7	51.0	50.3	39.9	36.6	37.0	39.5	39.1
5.0	47.2	44.2	34.7	40.3	44.9	48.8	53.8	53.0	44.3	40.2	39.5	45.2	42.4

DISCHARGE IN CUBIC FEET PER SECOND

95.0	1273.2	1170.2	1058.0	1053.1	1254.6	1591.7	2061.8	2015.2	1446.7	1294.6	1405.6	1355.0	1350.6
90.0	1528.7	1374.7	1190.0	1188.3	1490.0	1829.6	2859.5	2456.8	1714.2	1517.0	1605.5	1672.4	1630.1
85.0	1746.5	1561.7	1296.6	1333.8	1729.2	2074.3	3389.1	2838.9	1982.5	1757.1	1806.7	1964.6	1837.8
80.0	1938.4	1687.2	1443.3	1453.2	1923.8	2466.2	3950.2	3329.5	2268.7	1968.9	1964.5	2393.5	2024.8
75.0	2171.2	1798.4	1561.6	1593.4	2084.1	3166.4	4751.5	4164.1	2567.3	2158.8	2153.9	2595.1	2214.3
70.0	2427.1	1959.5	1655.4	1708.1	2270.9	3793.2	5694.9	5014.2	2860.6	2356.1	2433.1	2806.3	2443.3
65.0	2713.6	2124.8	1766.1	1813.6	2545.3	4753.1	6478.6	5766.6	3170.7	2528.9	2695.7	3024.7	2748.7
60.0	3063.3	2294.9	1882.9	1968.7	2997.7	6174.5	7389.2	6395.2	3579.8	2735.0	2960.3	3379.5	3002.3
55.0	3482.5	2501.0	2008.2	2111.7	3526.0	7099.8	8401.8	7104.1	4097.0	2984.6	3226.5	3810.1	3272.9
50.0	3946.4	2763.1	2141.4	2233.9	3996.8	7860.9	9509.3	7957.9	4681.8	3267.6	3591.3	4252.5	3594.3
45.0	4548.8	3099.3	2333.7	2382.2	5082.8	8671.8	10723.0	9207.0	5256.8	3571.7	3931.3	4730.4	3933.4
40.0	5264.3	3554.1	2563.5	2552.7	5836.4	9632.7	12030.2	10590.0	5816.2	3903.4	4310.5	5258.7	4379.5
35.0	6007.2	4008.4	2843.4	3262.2	6673.9	10949.1	13227.3	11812.8	6464.1	4222.1	4765.6	5789.2	5042.2
30.0	6924.0	4518.3	3173.4	3871.8	7665.4	12347.1	14397.5	13318.9	7315.9	4654.9	5377.2	6350.5	5662.5
25.0	8028.0	5137.0	3571.4	4681.8	8563.2	13555.3	15875.4	15429.3	8282.7	5151.9	6040.0	6992.4	6580.5
20.0	9539.5	6105.2	4117.1	5554.9	10272.8	14744.5	17656.4	18004.3	9233.1	5786.0	6699.1	7819.2	7787.5
15.0	11854.4	7644.7	4861.8	6579.9	12520.9	16501.1	20243.6	21549.5	10679.8	6602.9	7699.3	9106.4	9299.4
10.0	14919.4	9759.7	6005.6	8466.5	15018.8	18523.0	24919.9	24668.4	12480.5	8684.0	9219.2	11396.9	11755.0
5.0	20359.1	17341.2	7670.0	13130.0	18150.0	22232.8	29924.3	29065.3	17680.6	12557.1	12047.2	17595.7	15451.3

**LOWEST MEAN ELEVATION AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1929 1930	32.1 44	32.2 44	32.3 44	32.4 44	32.9 43	33.6 43	34.4 43	35.1 43	36.5 43
1930 1931	30.2 35	30.2 36	30.2 36	30.3 37	30.6 38	31.3 39	31.2 35	31.5 36	31.9 28
1931 1932	29.3 13	29.3 13	29.3 13	29.3 11	29.4 10	29.4 8	29.4 7	29.5 7	29.7 6
1935 1936	29.3 10	29.3 10	29.3 10	29.3 10	29.4 11	29.5 14	29.7 14	29.9 16	32.2 30
1936 1937	29.8 29	29.8 28	29.9 28	29.9 28	30.0 28	30.4 31	30.4 27	30.6 25	31.0 20
1937 1938	30.5 40	30.5 40	30.5 40	30.6 40	30.8 40	31.2 38	31.3 38	31.5 35	32.7 35
1939 1940	29.7 23	29.7 23	29.7 23	29.7 23	29.8 23	29.8 21	29.9 21	30.1 21	31.2 22
1942 1943	29.8 27	29.8 27	29.8 27	29.8 26	29.8 24	29.9 23	30.0 22	30.2 22	30.4 16
1943 1944	29.3 11	29.3 11	29.3 9	29.3 8	29.3 8	29.3 7	29.3 6	29.4 6	29.6 5
1945 1946	30.2 39	30.2 37	30.3 37	30.3 34	30.3 33	31.1 37	32.1 42	33.2 42	35.8 42
1947 1948	30.8 42	30.9 42	30.9 42	31.0 42	31.5 42	31.6 41	31.6 40	31.9 39	34.2 41
1951 1952	29.6 19	29.6 19	29.6 19	29.6 19	29.7 19	29.7 20	29.9 20	30.1 20	30.6 18
1954 1955	29.0 3	29.0 3	29.0 3	29.0 3	29.0 3	29.0 3	29.1 3	29.1 3	29.2 3

SUWANNEE RIVER BASIN  
02319500 SUWANNEE RIVER AT ELLAVILLE, FL--Continued

**LOWEST MEAN ELEVATION AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR--Continued**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1959 1960	30.7 41	30.7 41	30.7 41	30.8 41	31.3 41	32.0 42	31.9 41	32.1 40	32.7 34
1960 1961	30.1 32	30.2 32	30.2 33	30.2 32	30.2 31	30.4 30	30.8 30	31.5 34	32.4 31
1961 1962	29.6 20	29.6 20	29.6 20	29.7 20	29.7 20	29.7 19	29.9 19	30.0 18	30.7 19
1962 1963	29.4 15	29.4 15	29.4 15	29.4 15	29.5 16	29.6 16	29.7 15	29.9 17	30.0 13
1963 1964	29.1 5	29.1 5	29.1 5	29.1 5	29.2 5	29.2 5	29.4 8	29.5 8	30.1 15
1964 1965	31.7 43	31.8 43	31.9 43	32.1 43	33.0 44	34.5 44	37.5 44	39.2 44	40.8 44
1965 1966	30.2 36	30.2 35	30.2 34	30.3 35	30.4 34	30.7 33	31.3 37	31.5 37	32.7 36
1966 1967	30.2 33	30.2 33	30.2 32	30.2 33	30.3 32	30.5 32	31.0 33	31.2 30	33.2 38
1967 1968	29.4 14	29.4 14	29.4 14	29.4 14	29.4 14	29.5 13	29.6 12	29.7 11	29.8 7
1968 1969	28.8 2	28.8 2	28.8 2	28.8 2	28.9 2	28.9 2	29.0 2	29.1 2	29.2 2
1969 1970	29.8 28	29.9 29	29.9 29	30.0 31	30.4 35	30.9 34	31.2 36	31.4 32	32.5 32
1970 1971	30.0 31	30.0 31	30.0 31	30.0 30	30.0 30	30.2 28	30.5 28	30.9 27	32.5 33
1971 1972	29.7 26	29.8 26	29.8 24	29.8 25	30.0 27	30.3 29	30.9 31	32.3 41	33.3 39
1972 1973	29.4 16	29.4 16	29.4 16	29.4 16	29.5 15	29.5 15	29.6 13	29.8 13	30.5 17
1973 1974	29.7 22	29.7 22	29.7 22	29.7 22	29.7 22	29.8 22	30.1 23	30.4 23	31.2 23
1974 1975	29.6 21	29.6 21	29.6 21	29.7 21	29.7 21	30.0 25	30.2 25	31.0 28	31.9 27
1975 1976	29.9 30	29.9 30	29.9 30	29.9 29	30.0 29	30.2 27	30.7 29	31.2 29	32.2 29
1976 1977	30.2 37	30.3 39	30.3 39	30.4 38	30.6 39	31.3 40	31.4 39	31.5 38	33.7 40
1977 1978	29.5 18	29.5 18	29.5 17	29.5 18	29.6 18	29.7 17	29.8 17	30.0 19	29.9 11
1978 1979	29.1 7	29.2 7	29.2 7	29.2 7	29.2 6	29.2 6	29.3 5	29.4 5	29.8 8
1979 1980	30.2 38	30.2 38	30.3 38	30.5 39	30.6 37	31.0 35	31.2 34	31.4 33	31.7 26
1980 1981	29.5 17	29.5 17	29.5 18	29.5 17	29.6 17	29.7 18	29.8 18	29.8 14	29.9 9
1981 1982	29.0 4	29.0 4	29.0 4	29.1 4	29.1 4	29.2 4	29.2 4	29.3 4	29.3 4
1983 1984	29.7 25	29.7 24	29.8 25	29.8 24	29.9 25	30.1 26	30.3 26	30.6 26	31.4 24
1985 1986	29.1 6	29.2 6	29.2 6	29.2 6	29.3 7	29.4 9	29.6 10	29.8 12	31.1 21
1986 1987	29.2 8	29.2 8	29.2 8	29.3 9	29.4 12	29.5 12	29.7 16	29.8 15	29.9 10
1987 1988	29.2 9	29.2 9	29.3 12	29.3 13	29.4 13	29.5 11	29.5 9	29.6 9	30.1 14
1988 1989	29.3 12	29.3 12	29.3 11	29.3 12	29.3 9	29.4 10	29.6 11	29.7 10	30.0 12
1990 1991	28.7 1	28.7 1	28.7 1	28.7 1	28.8 1	28.8 1	28.8 1	28.9 1	28.9 1
1991 1992	29.7 24	29.7 25	29.8 26	29.8 27	29.9 26	30.0 24	30.1 24	30.5 24	33.2 37
1992 1993	30.2 34	30.2 34	30.2 35	30.3 36	30.5 36	31.1 36	31.0 32	31.3 31	31.6 25

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1928 1928	64.2 3	64.1 3	63.5 3	61.3 3	56.8 4	51.9 5	47.6 7	44.4 11	45.2 4
1930 1930	54.1 12	54.1 12	53.7 13	52.2 13	50.0 12	47.2 13	46.0 10	44.5 10	41.1 11
1931 1931	37.9 45	37.9 45	37.8 45	37.4 44	36.4 43	35.6 39	35.2 37	34.8 37	34.1 33
1932 1932	42.9 33	42.8 33	42.7 33	42.1 33	38.9 36	37.1 36	35.1 38	34.2 38	32.7 41
1935 1935	45.6 29	45.6 28	45.5 28	45.0 28	42.2 29	36.9 37	34.7 40	33.4 43	32.2 44
1936 1936	42.4 34	42.3 34	42.2 34	41.9 34	40.9 33	39.1 30	38.5 28	37.3 27	35.1 29
1937 1937	50.9 19	50.8 19	50.4 19	49.0 22	46.6 21	43.0 21	41.4 21	39.7 22	37.0 24
1938 1938	40.3 41	40.2 40	40.0 40	39.4 40	37.4 41	35.0 43	34.0 43	33.4 42	32.7 43
1942 1942	52.1 15	52.1 15	51.8 15	51.1 15	49.5 13	46.1 15	44.6 14	42.9 13	39.0 16
1943 1943	34.6 47	34.6 47	34.5 47	33.9 47	33.7 47	32.6 47	32.2 47	31.9 46	31.5 45
1944 1944	50.7 21	50.6 21	50.4 20	49.7 18	47.3 20	46.2 14	43.0 18	40.5 19	39.4 14
1946 1946	44.9 31	44.8 31	44.4 31	43.2 32	41.4 31	40.0 28	39.6 24	39.0 24	37.6 21
1948 1948	68.0 1	67.7 1	66.6 1	64.0 1	61.2 1	56.8 1	53.6 1	51.3 1	52.3 1
1951 1951	38.2 44	38.1 44	37.9 44	37.1 45	35.6 45	33.6 46	32.4 46	31.9 47	31.4 46
1953 1953	41.2 39	39.9 41	39.4 41	38.6 42	36.7 42	35.0 42	34.6 41	33.8 40	33.3 38
1957 1957	42.0 35	42.0 35	41.8 35	40.5 36	38.1 38	35.2 41	34.2 42	33.7 41	33.2 39
1959 1959	59.0 7	59.0 7	58.8 7	58.0 7	56.1 5	50.7 7	46.7 9	45.4 8	42.7 8
1960 1960	55.0 10	54.9 11	54.5 11	52.4 12	48.0 17	45.8 17	43.6 16	41.3 18	38.6 19
1961 1961	50.8 20	50.7 20	50.2 21	48.4 23	44.8 24	40.3 27	38.5 29	37.3 26	35.5 26
1962 1962	47.6 26	47.6 26	47.3 26	46.3 25	43.3 26	38.9 31	36.6 33	35.0 36	33.4 37
1963 1963	40.5 40	40.5 39	40.4 39	40.2 39	39.8 34	38.2 33	36.5 35	35.1 35	33.7 35
1964 1964	56.8 8	56.7 8	56.3 8	54.9 8	52.0 10	48.2 10	47.3 8	46.6 6	42.9 7
1965 1965	55.0 11	55.0 10	54.8 10	54.0 10	53.1 8	51.7 6	48.6 5	47.7 4	45.5 3
1966 1966	55.8 9	55.8 9	55.5 9	54.8 9	52.6 9	48.8 9	45.8 11	42.8 14	41.2 10
1967 1967	44.2 32	44.2 32	44.1 32	43.5 31	41.7 30	41.6 24	39.1 26	37.1 28	35.0 30
1968 1968	30.9 48	30.9 48	30.7 48	30.5 48	30.2 48	30.0 48	30.1 48	30.0 48	29.8 48
1969 1969	38.6 43	38.6 43	38.4 43	37.7 43	36.1 44	34.0 44	33.2 44	32.8 44	32.7 42
1970 1970	51.4 16	51.4 16	51.2 16	50.5 16	47.6 19	42.8 22	41.2 22	39.7 21	38.2 20
1971 1971	41.7 37	41.7 36	41.5 36	40.8 35	39.2 35	37.7 34	36.8 31	36.2 31	35.5 25
1972 1972	50.9 18	50.9 18	50.7 17	50.0 17	48.2 16	45.8 16	43.6 15	41.9 16	38.8 18
1973 1973	65.0 2	64.9 2	64.5 2	63.2 2	59.6 2	52.7 4	50.2 3	48.2 3	45.5 2
1974 1974	41.7 36	41.6 37	41.3 37	40.4 37	37.5 40	35.3 40	35.0 39	34.2 39	33.1 40
1975 1975	54.0 13	54.0 13	53.7 12	52.8 11	49.1 14	43.9 19	42.1 19	42.2 15	39.4 15
1976 1976	48.6 24	48.5 24	48.0 24	46.2 26	42.3 28	39.7 29	37.2 30	35.7 32	35.1 28
1977 1977	49.6 23	49.6 23	49.5 23	49.1 21	48.5 15	47.6 12	45.1 13	44.6 9	40.9 12
1978 1978	46.2 27	46.2 27	46.1 27	45.5 27	43.5 25	42.3 23	40.7 23	39.2 23	37.2 23
1979 1979	45.7 28	45.5 29	45.1 29	43.7 30	41.3 32	38.3 32	36.7 32	36.3 30	34.8 31
1980 1980	50.0 22	50.0 22	49.8 22	49.1 19	47.9 18	45.2 18	42.1 20	40.5 20	37.6 22
1981 1981	36.1 46	36.1 46	35.9 46	34.9 46	33.9 46	33.8 45	32.9 45	32.2 45	31.4 47
1982 1982	39.6 42	39.5 42	39.3 42	38.7 41	37.5 39	36.4 38	35.6 36	35.4 33	33.9 34
1984 1984	60.7 6	60.6 6	60.4 5	59.8 4	57.5 3	55.1 2	51.7 2	49.0 2	44.8 5

SUWANNEE RIVER BASIN  
02319500 SUWANNEE RIVER AT ELLAVILLE, FL--Continued

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1986 1986	61.8 4	61.6 4	60.9 4	58.7 5	54.0 7	47.7 11	45.3 12	43.5 12	39.6 13
1987 1987	52.3 14	52.3 14	52.1 14	51.7 14	50.3 11	49.6 8	48.6 6	46.6 7	42.1 9
1988 1988	48.3 25	48.2 25	47.9 25	46.9 24	45.7 23	41.3 25	38.9 27	37.0 29	34.6 32
1990 1990	41.3 38	41.2 38	41.0 38	40.2 38	38.6 37	37.5 35	36.5 34	35.4 34	33.5 36
1991 1991	60.8 5	60.7 5	60.1 6	58.2 6	54.5 6	53.1 3	49.8 4	46.9 5	44.2 6
1992 1992	45.1 30	45.0 30	44.7 30	43.8 29	42.4 27	40.9 26	39.5 25	37.7 25	35.4 27
1993 1993	51.3 17	51.1 17	50.6 18	49.1 20	46.1 22	43.4 20	43.2 17	41.6 17	38.8 17

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1927 1928	1120 12	1120 12	1120 11	1129 11	1153 11	1199 9	1288 10	1439 9	1888 13
1928 1929	4800 66	4840 66	4964 66	5146 66	5194 65	5878 64	7137 65	8901 65	15310 66
1929 1930	4320 64	4400 65	4543 65	4671 65	5164 64	5933 65	6625 64	7295 64	8635 64
1930 1931	2020 45	2020 45	2037 45	2123 46	2473 51	3274 54	3205 48	3571 46	4065 41
1931 1932	1050 8	1050 8	1057 7	1057 7	1080 6	1097 6	1148 6	1229 5	1455 7
1932 1933	1100 10	1100 10	1129 12	1161 12	1213 13	1362 15	2161 38	2406 38	4677 46
1933 1934	1280 19	1313 20	1334 19	1338 18	1347 18	1371 16	1431 13	1509 12	1833 12
1934 1935	1070 9	1070 9	1084 8	1094 8	1126 9	1188 8	1204 7	1263 6	1533 8
1935 1936	1000 6	1007 6	1023 6	1049 6	1113 7	1274 12	1456 14	1706 17	4173 43
1936 1937	1660 35	1660 35	1669 35	1694 35	1768 36	2289 42	2288 41	2527 40	2909 32
1937 1938	2380 55	2400 55	2457 55	2594 55	2810 55	3212 53	3436 53	3615 48	4807 48
1938 1939	1400 23	1407 23	1411 23	1436 23	1518 24	1597 23	1698 20	1804 18	2004 15
1939 1940	1470 27	1480 27	1486 27	1502 27	1533 25	1601 24	1748 22	1957 22	3206 34
1940 1941	1100 11	1103 11	1109 10	1115 10	1136 10	1187 7	1286 9	1439 10	1719 11
1941 1942	1230 17	1237 17	1246 16	1262 17	1320 16	1569 22	1834 27	2120 32	2189 21
1942 1943	1560 32	1560 31	1560 30	1560 29	1572 28	1632 28	1767 24	1969 24	2231 23
1943 1944	970 4	977 4	986 4	988 4	995 4	1026 4	1055 4	1133 4	1376 3
1944 1945	2630 59	2653 59	2746 59	3056 59	3620 59	4156 61	5033 62	5571 62	5887 60
1945 1946	2020 46	2060 47	2081 47	2101 45	2178 44	3129 52	4134 59	5323 61	7810 63
1946 1947	2080 49	2080 49	2090 48	2130 47	2219 47	2558 47	2940 45	3229 44	4830 49
1947 1948	2900 61	2900 61	2969 61	3058 60	3666 61	3819 59	3829 57	4101 57	6339 62
1948 1949	3360 63	3360 63	3397 63	3516 63	3917 63	4518 63	5098 63	5150 60	5221 54
1949 1950	1820 39	1820 39	1820 39	1833 39	1862 39	1928 36	2053 35	2198 34	3274 35
1950 1951	1820 40	1820 40	1846 40	1858 40	2056 41	2133 40	2128 37	2171 33	2573 27
1951 1952	1420 25	1420 25	1479 26	1496 26	1564 27	1613 26	1835 28	2017 26	2637 29
1952 1953	1340 22	1340 22	1346 21	1358 19	1374 19	1410 17	1478 16	1596 15	1669 10
1953 1954	2030 47	2050 46	2070 46	2132 48	2315 50	2590 49	3386 51	4084 56	5666 58
1954 1955	900 3	900 3	909 3	926 3	945 3	966 2	984 1	1019 1	1093 1
1955 1956	890 2	890 2	893 2	905 2	912 1	938 1	990 2	1070 3	1414 5
1956 1957	1160 13	1160 13	1160 13	1171 13	1190 12	1253 11	1246 8	1304 8	1553 9
1957 1958	2690 60	2730 60	2844 60	3148 61	3694 62	4084 60	4744 61	5591 63	5472 55
1958 1959	1580 33	1640 34	1663 34	1671 33	1688 33	1790 32	1902 29	2061 30	2772 30
1959 1960	2990 62	3023 62	3033 62	3156 62	3656 60	4409 62	4363 60	4576 58	5130 53
1960 1961	2210 52	2210 52	2233 52	2274 52	2302 49	2500 45	3031 46	3762 51	4741 47
1961 1962	1690 37	1693 37	1703 37	1721 37	1757 34	1794 34	1958 32	2076 31	2934 33
1962 1963	1500 28	1513 28	1531 28	1539 28	1583 29	1683 30	1795 26	2058 29	2184 20
1963 1964	1190 14	1197 14	1206 14	1226 14	1232 14	1311 13	1457 15	1561 14	2265 25
1964 1965	4330 65	4367 64	4430 64	4603 64	5371 66	6639 66	9757 66	11570 66	13350 65
1965 1966	2330 53	2337 53	2346 53	2407 54	2522 53	2867 51	3325 54	3836 52	5010 51
1966 1967	2340 54	2343 54	2363 54	2405 53	2516 52	2796 50	3385 50	3585 47	5571 56
1967 1968	1450 26	1457 26	1459 25	1468 24	1502 23	1601 25	1685 19	1830 20	1931 14
1968 1969	984 5	984 5	996 5	1009 5	1033 5	1049 5	1138 5	1266 7	1399 4
1969 1970	2060 48	2077 48	2117 49	2265 51	2730 54	3388 55	3619 56	3843 53	5027 52
1970 1971	2180 51	2183 51	2189 51	2191 50	2259 48	2527 46	2797 44	3308 45	4888 50
1971 1972	1930 44	1950 44	1954 44	2001 43	2181 45	2564 48	3250 49	4679 59	5682 59
1972 1973	1530 29	1540 29	1550 29	1567 30	1585 30	1667 29	1783 25	2021 27	2778 31
1973 1974	1760 38	1767 38	1783 38	1796 38	1829 38	1937 37	2122 36	2481 39	3337 37
1974 1975	1660 36	1667 36	1669 36	1704 36	1809 37	2033 38	2348 42	3112 43	3991 40
1975 1976	2100 50	2103 50	2127 50	2145 49	2217 46	2484 44	3034 47	3617 49	4584 45
1976 1977	2520 58	2557 58	2650 58	2675 56	2976 58	3762 58	3939 58	4054 55	6162 61
1977 1978	1620 34	1627 33	1643 33	1683 34	1766 35	1834 35	1977 34	2204 35	2161 19
1978 1979	1200 16	1230 16	1256 17	1257 16	1301 15	1332 14	1402 12	1523 13	2041 17
1979 1980	2510 57	2540 57	2607 57	2787 58	2934 56	3418 56	3608 55	3898 54	4195 44
1980 1981	1550 31	1560 32	1594 32	1598 31	1639 32	1793 33	1964 33	1987 25	2020 16
1981 1982	1040 7	1047 7	1099 9	1113 9	1125 8	1224 10	1307 11	1445 11	1453 6
1982 1983	1540 30	1553 30	1574 31	1607 32	1625 31	1719 31	1936 31	2293 36	3280 36
1983 1984	1920 43	1930 43	1951 42	1981 42	2067 43	2337 43	2649 43	3001 42	3794 39
1984 1985	1890 42	1897 42	1951 43	2029 44	2066 42	2169 41	2213 39	2299 37	2610 28
1985 1986	1190 15	1210 15	1214 15	1250 15	1345 17	1491 19	1704 21	1966 23	3338 38
1986 1987	1320 21	1327 21	1370 22	1418 21	1558 26	1615 27	1912 30	2057 28	2091 18
1987 1988	1250 18	1253 18	1339 20	1379 20	1444 20	1488 18	1527 17	1698 16	2220 22
1988 1989	1410 24	1417 24	1439 24	1484 25	1489 22	1557 21	1754 23	1910 21	2235 24
1989 1990	1280 20	1290 19	1321 18	1424 22	1457 21	1496 20	1619 18	1815 19	2559 26
1990 1991	835 1	846 1	862 1	885 1	932 2	976 3	994 3	1019 2	1106 2
1991 1992	1870 41	1877 41	1883 41	1909 41	1931 40	2045 39	2283 40	2701 41	5605 57
1992 1993	2480 56	2500 56	2561 56	2698 57	2957 57	3446 57	3397 52	3753 50	4116 42

SUWANNEE RIVER BASIN  
02319500 SUWANNEE RIVER AT ELLAVILLE, FL--Continued

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1928 1928	72200 3	71130 3	66840 3	56240 3	43430 3	33270 3	25880 5	21140 6	21490 2
1929 1929	43500 8	43230 8	42790 8	40700 7	33470 7	21640 14	16760 16	14660 18	15250 9
1930 1930	34000 9	33870 9	33140 9	30420 11	26670 11	22160 12	20310 11	18250 11	14390 12
1931 1931	9730 56	9730 56	9614 56	9290 55	8471 54	7762 49	7371 46	7106 46	6335 42
1932 1932	15300 41	15300 41	15200 41	14380 41	11110 46	9257 45	7233 47	6273 49	4677 53
1933 1933	26400 18	26300 18	25960 18	24880 19	22230 17	17950 22	16700 17	14690 17	11850 18
1934 1934	6200 63	6067 63	5886 63	5539 63	4740 63	4023 63	3817 62	3455 62	2972 63
1935 1935	18200 35	18200 35	18170 34	17570 34	14550 36	9160 46	6792 50	5382 53	4173 55
1936 1936	14500 42	14470 42	14340 42	13980 42	12890 42	11020 40	10460 36	9274 38	7071 40
1937 1937	25100 22	25070 22	24530 23	22530 26	19630 26	15560 26	13750 27	11930 27	9254 30
1938 1938	12100 51	12030 51	11770 51	11200 51	9352 51	7073 53	6117 53	5567 52	4760 52
1939 1939	14500 43	14400 43	13910 45	12310 49	9552 50	7831 48	6695 51	6127 50	5985 45
1940 1940	9670 57	9610 57	9477 57	9064 56	7597 56	6164 55	5595 55	4851 55	4388 54
1941 1941	5710 64	5617 64	5219 64	4658 64	4351 64	3572 64	3093 64	2824 64	2700 64
1942 1942	27200 16	27130 16	26690 17	25510 17	23280 15	19150 17	17360 15	15550 15	11500 21
1943 1943	6790 61	6790 61	6674 61	6155 61	5961 61	4850 59	4342 59	4092 57	3655 56
1944 1944	25000 24	24870 25	24440 24	23430 23	20450 25	19090 18	15650 22	13050 24	11730 19
1945 1945	26000 19	25970 19	25470 19	23990 21	21780 20	20370 16	16170 21	12700 25	10100 26
1946 1946	17500 37	17370 37	16940 38	15600 39	13460 40	11900 36	11680 31	11020 29	9688 27
1947 1947	17500 38	17370 38	17040 37	15750 38	14590 35	13220 32	10970 35	9354 36	7517 37
1948 1948	94700 1	93400 1	86900 1	72080 1	57600 1	43710 1	34290 1	31030 1	31500 1
1949 1949	15700 40	15630 40	15310 40	14790 40	13860 38	11780 37	11920 30	10860 30	9636 29
1950 1950	8320 59	8007 59	7614 60	7068 59	6065 59	4633 60	3834 61	3482 61	3523 57
1951 1951	10000 55	9967 55	9759 55	9003 57	7773 55	5844 58	4586 58	3995 59	3476 59
1952 1952	14200 45	14200 45	14070 43	13890 43	13290 41	11910 35	10290 37	10180 33	8883 31
1953 1953	14100 46	12700 50	12170 50	11280 50	9275 52	7602 50	7198 48	6323 47	5666 48
1954 1954	19200 32	19130 32	18810 33	17910 33	15040 33	11140 39	9171 40	10220 32	8418 32
1955 1955	4190 65	4163 65	4023 65	3551 65	2473 65	1743 66	1576 66	1513 66	1450 66
1956 1956	11700 53	11670 53	11490 53	9872 54	6885 58	4632 61	4340 60	4034 58	3487 58
1957 1957	14300 44	14270 44	14030 44	12660 46	10230 47	7447 51	6426 52	5962 51	5472 49
1958 1958	27700 15	27600 15	27210 15	25560 16	21680 21	17540 23	15550 23	13990 21	12570 16
1959 1959	45200 7	45030 7	44200 7	40670 8	35660 5	26940 6	21560 9	19700 7	16290 7
1960 1960	31700 13	31530 13	30840 13	27670 13	21850 18	18990 19	16440 18	13990 22	11290 23
1961 1961	25100 23	24970 23	24300 25	22140 28	18090 29	13200 33	11320 33	10070 34	8148 33
1962 1962	21000 31	20930 31	20610 31	19540 30	16360 30	11640 38	9264 39	7603 44	5808 47
1963 1963	13000 50	12930 49	12890 49	12640 47	12290 43	10580 42	8878 44	7501 45	5992 44
1964 1964	33700 10	33470 10	32560 11	30450 10	26220 12	21670 13	20380 10	19620 8	15630 8
1965 1965	31800 12	31700 12	31410 12	30110 12	28660 9	26540 7	22580 6	21400 5	18840 6
1966 1966	33300 11	33270 11	32840 10	31530 9	28070 10	22840 10	19310 13	16010 14	14130 13
1967 1967	16800 39	16800 39	16690 39	16110 37	14240 37	14090 29	11580 32	9533 35	7437 38
1968 1968	3140 66	3107 66	2967 66	2672 66	2350 66	2176 65	2210 65	2124 65	1960 65
1969 1969	11100 54	11070 54	10910 54	10230 53	8542 53	6683 54	5664 54	5219 54	5164 51
1970 1970	25700 20	25670 20	25430 21	24490 20	20920 24	15540 27	13810 26	12280 26	10940 24
1971 1971	14000 48	13970 47	13790 47	13050 44	11440 44	9960 44	9046 43	8511 40	7849 35
1972 1972	25000 25	24930 24	24690 22	23750 22	21680 22	18790 20	16360 19	14560 20	11350 22
1973 1973	77000 2	76030 2	72710 2	61490 2	46040 2	32570 4	27670 3	24470 3	20340 3
1974 1974	13800 49	13770 48	13440 48	12440 48	9632 49	7397 52	7099 49	6290 48	5214 50
1975 1975	29200 14	29130 14	28800 14	27570 14	22880 16	16860 24	14850 24	14860 16	11970 17
1976 1976	22100 29	21930 29	21340 29	19220 31	14950 34	12100 34	9691 38	8203 41	7565 36
1977 1977	23400 28	23370 28	23260 28	22720 25	21820 19	20840 15	17980 14	17480 12	13630 14
1978 1978	19200 33	19130 33	19070 32	18390 32	16080 31	14720 28	13050 28	11630 28	9643 28
1979 1979	18500 34	18400 34	17840 35	16270 36	13660 39	10710 41	9126 41	8726 39	7299 39
1980 1980	23900 27	23830 27	23600 27	22730 24	21260 23	18100 21	14780 25	13100 23	10190 25
1981 1981	8020 60	7993 60	7816 59	6927 60	6020 60	5881 57	5023 56	4239 56	3474 60
1982 1982	11800 52	11730 52	11540 52	10870 52	9757 48	8694 47	8003 45	7762 43	6273 43
1983 1983	27200 17	27130 17	26940 16	26550 15	25230 13	24950 8	22470 7	19420 10	14970 10
1984 1984	50300 6	50130 6	49190 6	46250 4	39090 4	33960 2	28550 2	24680 2	19370 4
1985 1985	9650 58	9583 58	9203 58	8405 58	7154 57	6070 56	4811 57	3949 60	3338 61
1986 1986	54200 4	53330 4	50060 4	41710 6	32100 8	22950 9	19520 12	17150 13	12790 15
1987 1987	25700 21	25670 21	25460 20	25000 18	23470 14	22730 11	21650 8	19430 9	14710 11
1988 1988	21300 30	21200 30	20810 30	19780 29	18420 28	13710 31	11270 34	9321 37	6884 41
1989 1989	6770 62	6720 62	6493 62	5702 62	4868 62	4211 62	3666 63	3260 63	3062 62
1990 1990	14100 47	14070 46	13840 46	12970 45	11250 45	10090 43	9082 42	7837 42	5913 46
1991 1991	53100 5	52630 5	50000 5	42750 5	34700 6	32220 5	27100 4	23080 4	19220 5
1992 1992	18200 36	18130 36	17800 36	16930 35	15430 32	13920 30	12190 29	10310 31	8001 34
1993 1993	24500 26	24370 26	23860 26	22330 27	19200 27	16520 25	16260 20	14590 19	11690 20

**SUWANNEE RIVER BASIN**  
02320000 SUWANNEE RIVER AT LURAVILLE, FL

LOCATION.--Lat 30°05'59", long 83°10'18", in NE<sup>1</sup>/<sub>4</sub> sec.36, T.4 S., R.11 E., Suwannee County, Hydrologic Unit 03110205, near right bank on upstream side of bridge on State Highway 51, 1.6 mi south of Luraville, 10.8 mi south of Dowling Park and 97 mi upstream from mouth.

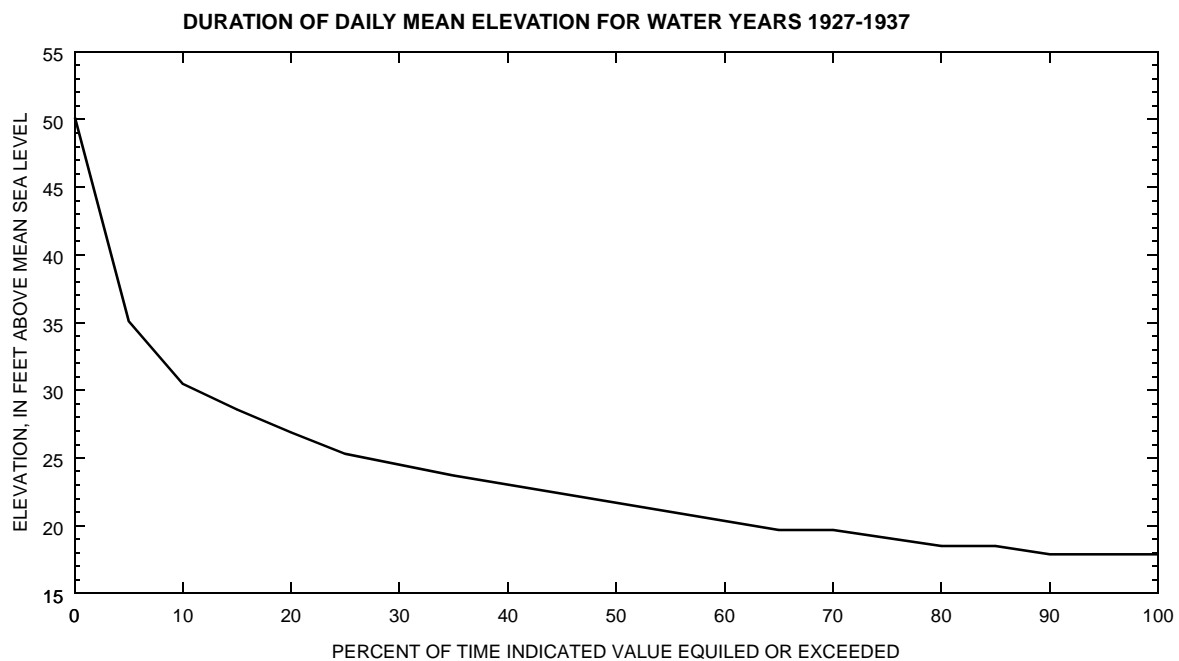
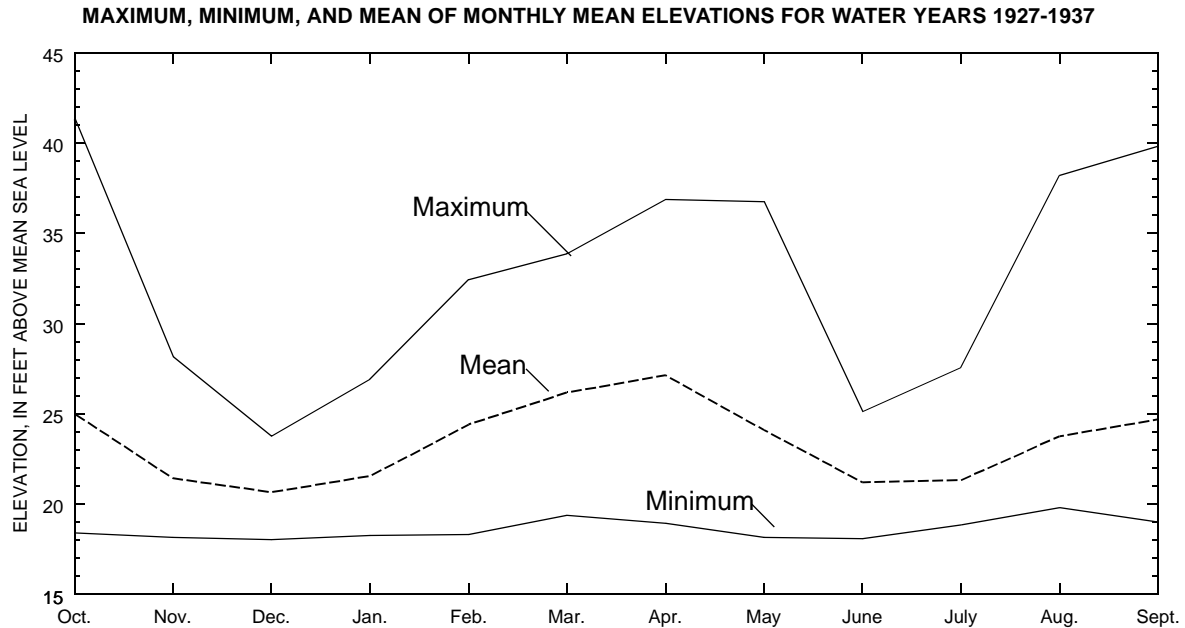
DRAINAGE AREA.--7,330 mi<sup>2</sup> approximately, includes part of watershed in Okefenokee Swamp which is indeterminate.

PERIOD OF RECORD.--February 1927 to December 1937. April 1956, January and March 1976 (one to two discharge measurements made each year); May to August 1977, January 1978 to 1983 (monthly gage heights and discharge measurements only).

REVISED RECORDS.--WDR FL-78-4: Drainage area.

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929. February 1927 to December 1937, nonrecording gage at site 0.8 mi downstream at datum of 16.49 ft lower.

REMARKS.--Records fair.



SUWANNEE RIVER BASIN  
02320000 SUWANNEE RIVER AT LURAVILLE, FL--Continued

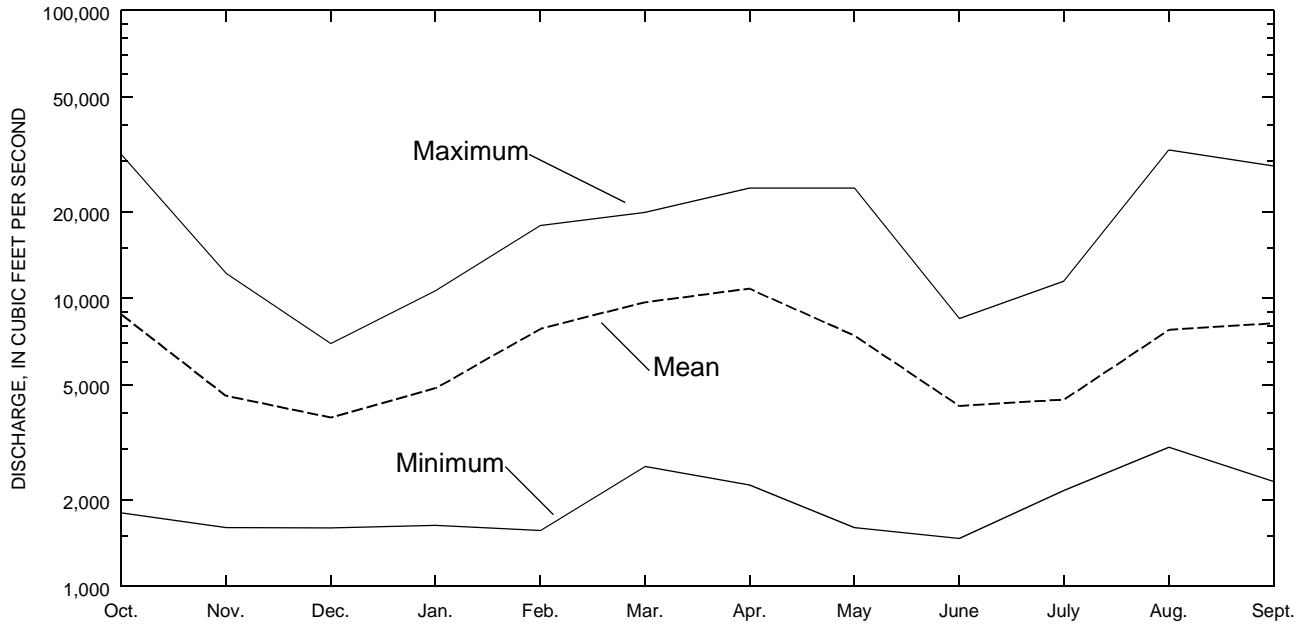
**SUMMARY STATISTICS  
(CUBIC FEET PER SECOND)**

**WATER YEARS 1927 - 1937**

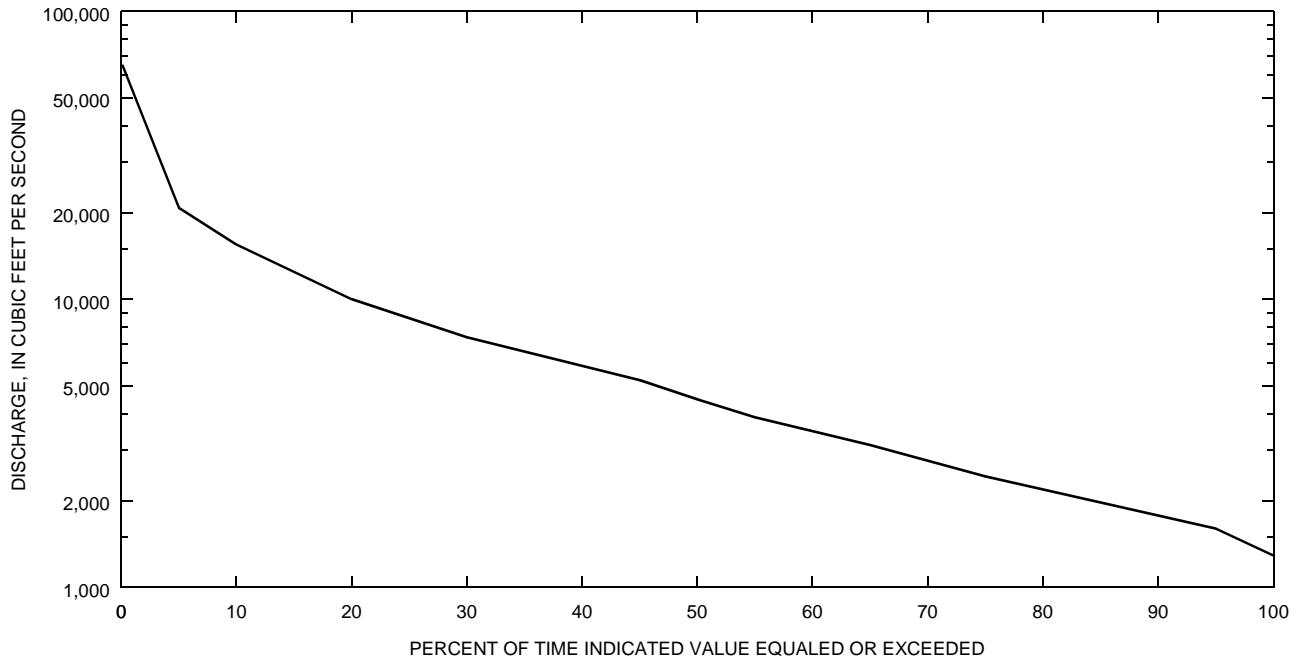
**WATER YEARS 1937 - 1973**

ANNUAL MEAN	7162			
HIGHEST ANNUAL MEAN	12570	1929		
LOWEST ANNUAL MEAN	2709	1934		
HIGHEST DAILY MEAN	66000	Aug 24 1928		
LOWEST DAILY MEAN	1290	Jun 25 1935		
ANNUAL SEVEN-DAY MINIMUM	1300	Jun 25 1935		
INSTANTANEOUS PEAK FLOW	66000	Aug 24 1928	90000	Apr 5 1948
INSTANTANEOUS PEAK ELEVATION (FT)	50.20	Aug 24 1928	53.50	Apr 5 1948
ANNUAL RUNOFF (INCHES)	13.37			
ANNUAL RUNOFF (CFSM)	.98			

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1927-1937**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1927-1937**



SUWANNEE RIVER BASIN  
02320000 SUWANNEE RIVER AT LURAVILLE, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1927-1937**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	41.32	18.40	25.01	31460	1800	8809.73
NOVEMBER	28.14	18.15	21.43	12180	1600	4590.73
DECEMBER	23.73	18.04	20.66	6936	1595	3854.55
JANUARY	26.87	18.27	21.56	10580	1630	4879.20
FEBRUARY	32.38	18.32	24.41	17810	1565	7850.91
MARCH	33.82	19.38	26.18	19760	2612	9701.73
APRIL	36.84	18.94	27.14	24050	2248	10811.36
MAY	36.71	18.15	24.11	24060	1600	7429.18
JUNE	25.08	18.09	21.21	8453	1467	4231.54
JULY	27.54	18.85	21.33	11430	2155	4454.54
AUGUST	38.16	19.81	23.76	32590	3045	7781.36
SEPTEMBER	39.78	19.01	24.69	28650	2316	8192.73

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1927-1937**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	17.9	18.2	18.1	18.0	18.0	18.1	18.8	18.3	18.0	17.9	18.2	18.9	18.5
90.0	17.9	18.2	18.1	18.0	18.3	18.1	19.7	18.8	18.0	17.9	18.8	19.5	18.5
85.0	18.5	18.2	18.1	18.2	18.3	18.1	19.7	18.8	18.0	19.2	18.8	20.0	19.0
80.0	18.5	18.2	18.1	18.2	18.3	18.5	19.7	19.2	18.5	19.4	18.8	20.0	19.0
75.0	19.1	18.7	18.1	18.2	18.6	18.5	20.1	19.2	18.5	19.7	19.5	20.0	19.6
70.0	19.7	18.7	18.4	18.5	18.9	18.9	20.6	20.0	20.0	20.0	19.8	20.0	20.1
65.0	19.7	19.3	18.7	18.7	19.2	19.3	23.0	23.4	21.1	20.2	19.8	20.6	20.1
60.0	20.3	19.8	19.1	18.7	19.5	21.0	24.1	24.5	21.7	20.5	19.8	21.3	20.6
55.0	20.9	20.9	19.4	19.1	19.8	22.9	25.2	25.6	22.2	20.8	20.1	21.3	21.8
50.0	21.6	21.5	19.8	19.3	20.2	23.4	25.8	27.3	22.2	20.8	20.1	21.9	23.0
45.0	22.3	22.7	20.2	21.2	21.2	23.9	26.4	29.2	23.4	21.1	20.5	22.6	23.0
40.0	23.0	24.7	21.3	21.6	22.2	24.9	27.0	29.2	24.1	21.6	20.5	22.6	23.6
35.0	23.7	25.4	22.1	21.8	22.6	26.6	27.6	30.5	24.7	22.2	20.8	22.6	24.9
30.0	24.5	26.8	22.5	22.7	22.9	28.3	28.9	31.2	25.4	22.2	21.9	23.2	25.5
25.0	25.3	27.5	23.8	22.9	24.1	28.9	30.2	32.6	26.0	22.5	22.6	23.9	26.9
20.0	26.9	29.1	24.2	23.2	24.9	29.6	30.9	33.3	27.5	22.5	23.0	24.7	28.4
15.0	28.6	34.3	25.1	23.4	25.3	30.8	31.6	34.9	29.0	22.8	24.5	26.2	30.0
10.0	30.5	37.9	26.0	23.6	25.7	32.2	32.4	35.6	31.3	23.4	25.0	27.8	31.6
5.0	35.1	42.2	28.5	24.1	26.1	32.9	35.4	37.3	37.9	24.1	27.1	36.7	39.1
DISCHARGE IN CUBIC FEET PER SECOND													
95.0	1598.8	1745.9	1605.0	1517.3	1535.6	1521.8	2248.8	2028.0	1592.3	1494.2	1881.2	2691.6	2136.2
90.0	1774.3	1863.0	1650.0	1544.6	1598.3	1573.7	3006.3	2186.4	1696.0	1566.8	2134.5	3054.2	2339.2
85.0	1979.4	1980.7	1699.9	1583.1	1655.2	1913.7	3199.1	2303.7	1800.8	1748.9	2260.2	3210.5	2490.4
80.0	2194.1	2066.0	1759.4	1688.8	1729.0	2052.8	3422.7	2415.7	1893.8	1918.2	2368.4	3372.0	2654.3
75.0	2428.5	2151.2	1845.0	1765.3	2006.2	2207.5	3776.9	2575.0	1988.5	2635.9	2488.4	3542.5	2855.0
70.0	2755.9	2288.1	2046.0	1949.5	2306.7	2450.9	4109.0	2821.5	2104.2	2880.0	2784.1	3748.3	3132.9
65.0	3125.6	2583.4	2198.4	2027.0	2613.6	2581.5	4900.4	3238.0	3182.1	3277.8	3034.4	4032.5	3378.7
60.0	3470.6	3350.9	2400.9	2121.1	3057.9	2862.7	6550.4	6540.0	4153.0	3560.0	3156.9	4416.6	3773.5
55.0	3894.0	3773.0	2753.3	2464.4	3244.6	4384.0	7565.1	7922.1	4920.4	3768.1	3325.3	4727.3	4145.4
50.0	4501.4	4238.2	3009.2	2725.0	3536.7	6178.6	8705.0	9230.0	5559.2	4033.5	3505.0	5040.6	5230.0
45.0	5249.0	4966.5	3214.3	4211.0	4435.0	7090.7	9758.1	11425.0	6115.4	4256.2	3675.5	5579.4	6179.0
40.0	5883.7	6627.6	3980.0	4559.8	5467.3	7841.1	10633.7	13600.0	6912.3	4590.0	3850.7	5909.4	6912.2
35.0	6572.3	8597.7	4935.7	4977.9	5929.4	9553.2	11613.4	14507.5	7783.4	5101.2	4040.1	6239.7	7540.0
30.0	7385.7	10164.7	5623.0	5306.4	6389.3	11655.0	12870.0	16121.1	8751.4	5542.5	4747.4	6570.6	8960.0
25.0	8570.3	11535.3	6515.7	6090.0	7430.0	13249.0	14283.3	17343.7	9449.9	5745.0	5381.5	7040.3	10437.5
20.0	10036.4	13222.9	7346.7	6343.6	8392.4	13961.7	15624.3	18860.0	10772.3	5910.0	6085.3	8124.5	12066.7
15.0	12485.8	19482.5	8267.5	6560.0	8886.0	15968.5	16890.5	21008.3	13343.6	6219.6	7461.8	10058.5	14850.0
10.0	15513.6	25105.6	9352.0	6915.1	9305.8	17705.0	18648.9	22712.5	16331.8	6756.2	8275.4	11734.3	17800.0
5.0	20826.9	31712.5	12550.0	7380.1	9900.0	19494.3	22550.6	24622.2	24045.0	7733.7	9883.5	20995.0	27233.3

SUWANNEE RIVER BASIN  
02320000 SUWANNEE RIVER AT LURAVILLE, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1928 1929	22.8 8	22.8 8	22.9 8	23.0 8	23.1 8	23.8 8	25.0 8	26.4 8	30.3 8
1929 1930	21.2 7	22.5 7	22.5 7	22.5 7	22.8 7	23.5 7	24.1 7	24.7 7	25.9 7
1930 1931	19.7 6	19.7 6	19.8 6	19.9 6	20.1 6	20.7 6	20.7 6	21.0 6	21.5 6
1931 1932	18.0 2	18.0 2	18.0 2	18.0 2	18.0 2	18.1 1	18.1 1	18.2 1	18.5 1
1932 1933	18.0 3	18.0 3	18.0 3	18.1 3	18.1 3	18.3 3	19.0 4	19.4 4	21.3 4
1933 1934	18.3 4	18.3 4	18.3 4	18.3 4	18.3 4	18.4 4	18.4 4	18.5 2	18.9 2
1935 1936	17.9 1	17.9 1	17.9 1	18.0 1	18.0 1	18.2 2	18.4 2	18.7 3	20.7 3
1936 1937	18.8 5	18.8 5	18.8 5	18.8 5	19.1 5	19.5 5	20.1 5	20.4 5	21.4 5

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1928 1928	50.2 1	50.1 1	49.7 1	48.0 1	43.8 1	39.1 1	35.3 1	32.7 1	33.3 1
1929 1929	45.3 2	45.2 2	45.0 2	44.2 2	41.6 2	35.0 2	31.7 4	30.2 3	30.3 2
1930 1930	39.0 3	38.9 3	38.7 3	37.9 3	37.1 3	34.8 3	33.4 2	32.3 2	29.5 3
1931 1931	26.3 8	26.3 8	26.2 8	26.0 8	25.2 8	24.6 8	24.2 7	24.0 7	23.3 7
1932 1932	30.3 6	30.3 6	30.2 6	29.1 7	27.0 7	25.3 7	23.6 8	22.7 8	21.3 8
1933 1933	36.8 4	36.7 4	36.6 4	36.0 4	34.7 4	32.4 4	31.8 3	30.2 4	27.8 4
1934 1934	23.2 9	23.1 9	23.0 9	22.5 9	21.8 9	21.1 9	20.9 9	20.6 9	20.0 9
1936 1936	29.6 7	29.6 7	29.5 7	29.2 6	28.5 6	27.2 6	26.8 6	25.7 6	23.8 6
1937 1937	36.2 5	36.1 5	35.9 5	35.1 5	33.5 5	30.8 5	29.3 5	27.9 5	25.7 5

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1927 1928	1630 6	1630 6	1630 6	1664 6	1689 6	1717 6	1805 5	1956 4	2356 4
1928 1929	5950 10	5983 10	6021 10	6171 10	6295 10	7056 10	8418 10	10090 10	15490 10
1929 1930	5650 9	5650 9	5650 9	5679 9	6021 9	6679 9	7311 9	8077 9	9476 9
1930 1931	2910 8	2910 8	2974 8	3058 8	3282 8	3883 8	3873 8	4149 8	4623 7
1931 1932	1490 3	1490 3	1490 3	1490 2	1509 2	1539 1	1589 1	1676 2	1848 1
1932 1933	1490 4	1513 4	1540 4	1550 4	1574 5	1702 5	2395 6	2673 6	4703 8
1933 1934	1490 5	1537 5	1550 5	1555 5	1558 3	1611 4	1705 3	1794 3	2121 3
1934 1935	1470 2	1470 2	1470 2	1502 3	1563 4	1582 3	1601 2	1674 1	1945 2
1935 1936	1290 1	1290 1	1303 1	1335 1	1392 1	1558 2	1730 4	1972 5	4223 6
1936 1937	2010 7	2010 7	2010 7	2016 7	2100 7	2601 7	2626 7	2866 7	3218 5

**HIGHEST MEAN DISCHARGE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1928 1928	66000 1	65600 1	62940 1	53820 1	41080 1	30940 1	24520 1	20450 1	20570 1
1929 1929	39800 2	39400 2	38640 2	36590 2	31840 2	22210 2	17090 3	14960 3	15460 2
1930 1930	27200 3	27130 3	26770 3	25610 3	24380 3	21140 3	19530 2	17880 2	14300 3
1931 1931	9810 9	9810 9	9707 9	9406 9	8584 9	7884 9	7508 7	7220 7	6519 7
1932 1932	14800 7	14800 7	14640 7	13340 8	10820 8	8819 7	7039 8	6133 8	4703 8
1933 1933	24000 4	23870 4	23610 4	22820 4	21030 4	17760 4	16910 4	14930 4	12030 4
1934 1934	6560 10	6487 10	6351 10	5877 10	5117 10	4469 10	4307 10	3949 10	3385 10
1935 1935	17500 6	17500 6	17360 6	16780 6	13690 6	8772 8	6599 9	5310 9	4223 9
1936 1936	13900 8	13900 8	13760 8	13390 7	12580 7	10980 6	10460 6	9276 6	7228 6
1937 1937	23300 5	23170 5	22900 5	21760 5	19560 5	15980 5	14040 5	12240 5	9650 5

**SUWANNEE RIVER BASIN**  
 02320500 SUWANNEE RIVER AT BRANFORD, FL

LOCATION.--Lat 29°57'20", long 82°55'40", in NE<sup>1</sup>/<sub>4</sub> sec.20, T.6 S., R.14 E., Suwannee County, Hydrologic Unit 03110205, near left bank on upstream side of bridge on U.S. Highway 27 at Branford, 10.2 mi upstream from Santa Fe River and 75 mi upstream from mouth.

DRAINAGE AREA.--7,880 mi<sup>2</sup>, includes part of watershed in Okefenokee Swamp which is indeterminate.

PERIOD OF RECORD.--July 1931 to 1993.

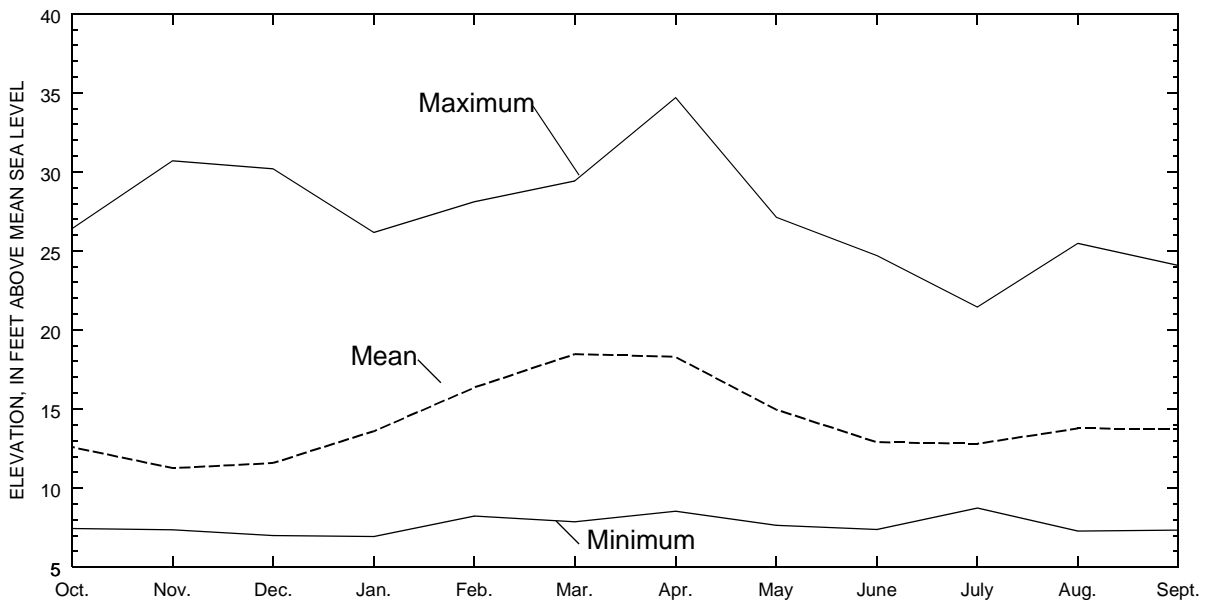
REVISED RECORDS.--WSP 1905: WDR FL-75-1: Drainage area.

GAGE.--Nonrecording gage. Datum of gage is 4.81 ft above National Geodetic Vertical Datum of 1929.

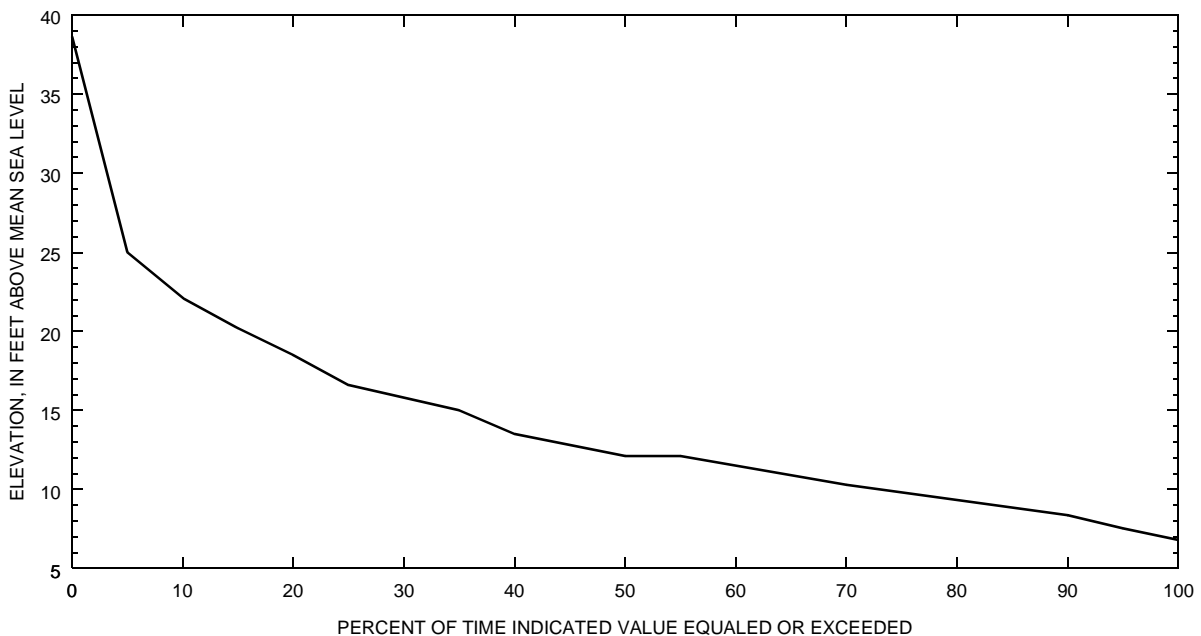
REMARKS.--Records are good.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of August 1928 reached a stage of 32.0 ft from floodmark; discharge, 65,000 ft<sup>3</sup>/s computed on basis of measured crest flow at Ellaville (station 02319500).

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN ELEVATIONS FOR WATER YEARS 1931-1993**



**DURATION OF DAILY MEAN ELEVATION FOR WATER YEARS 1931-1993**

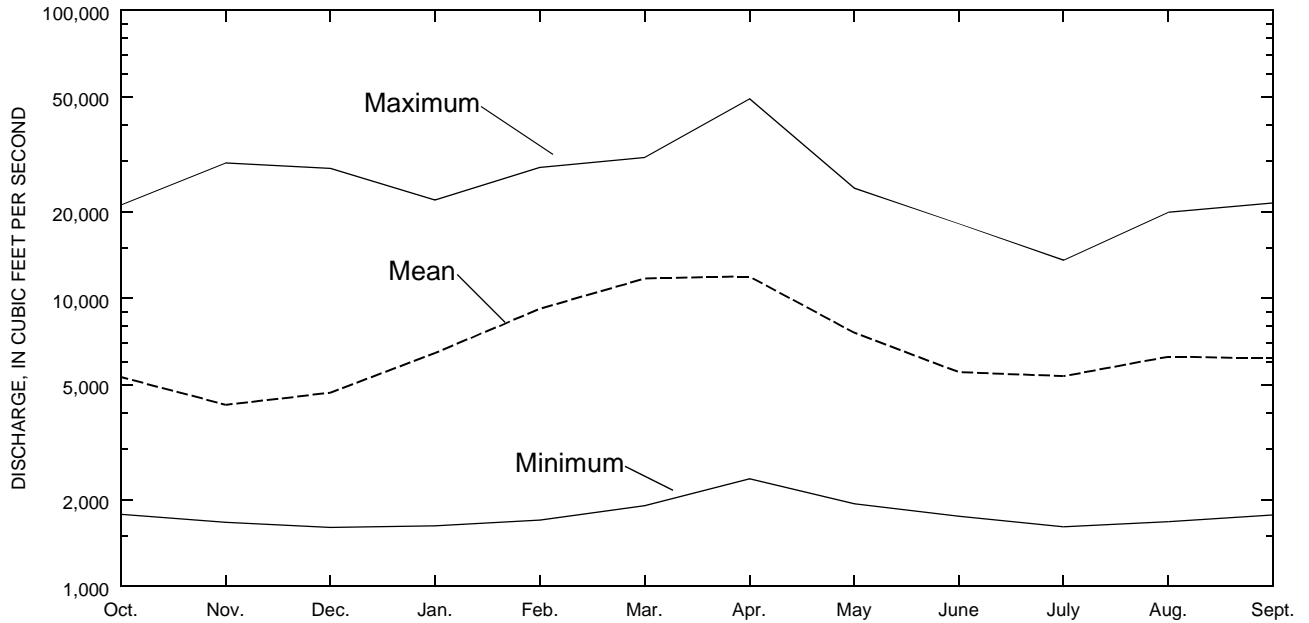


SUWANNEE RIVER BASIN  
02320500 SUWANNEE RIVER AT BRANFORD, FL--Continued

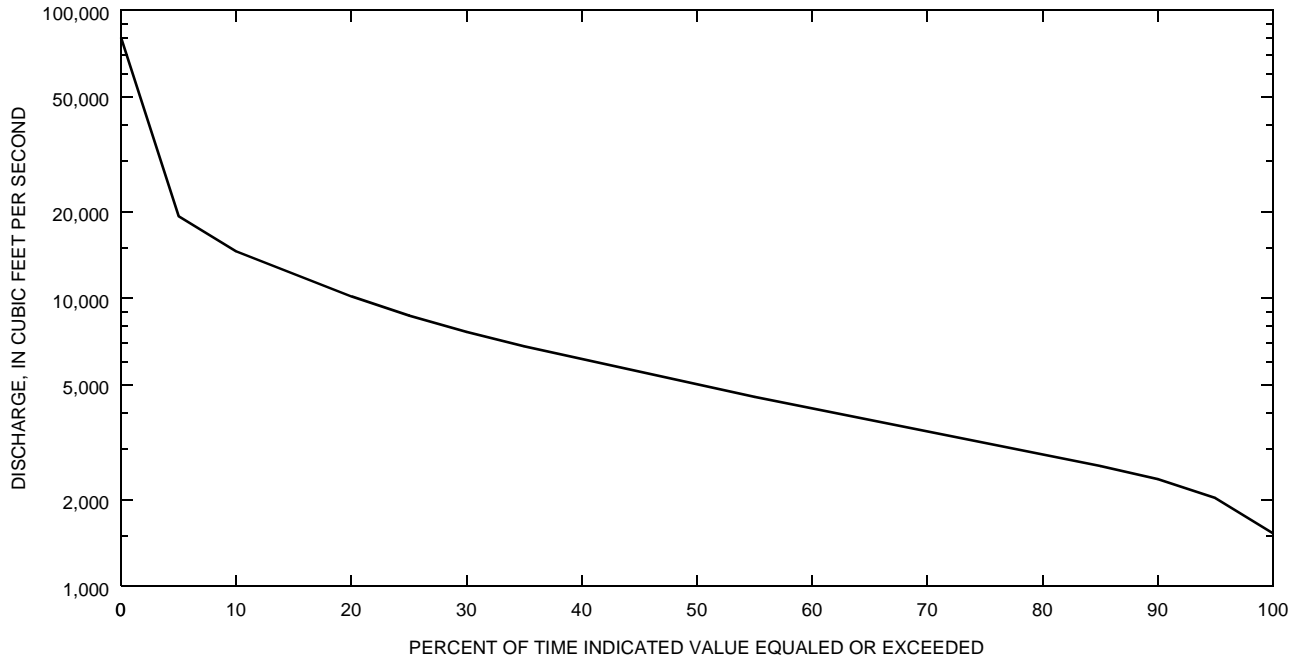
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
FOR WATER YEARS 1931 - 1993**

ANNUAL MEAN	7046	
HIGHEST ANNUAL MEAN	19260	1948
LOWEST ANNUAL MEAN	1950	1955
HIGHEST DAILY MEAN	82800	Apr 11 1948
LOWEST DAILY MEAN	1530	Jul 1 1955
ANNUAL SEVEN-DAY MINIMUM	1550	Jan 8 1956
INSTANTANEOUS PEAK FLOW	83900	Apr 11 1948
INSTANTANEOUS PEAK ELEVATION (FT)	38.88	Apr 11 1948
INSTANTANEOUS LOW FLOW	1530	Jul 1 1955
ANNUAL RUNOFF (INCHES/CFSM)	12.15/0.89	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1931-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1931-1993**



SUWANNEE RIVER BASIN  
02320500 SUWANNEE RIVER AT BRANFORD, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1931-1993**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	26.37	7.44	12.59	21020	1778	5331
NOVEMBER	30.65	7.34	11.25	29380	1666	4269
DECEMBER	30.15	7.00	11.58	28130	1602	4703
JANUARY	26.12	6.93	13.60	21830	1623	6463
FEBRUARY	28.07	8.22	16.36	28370	1699	9200
MARCH	29.38	7.87	18.47	30710	1905	11720
APRIL	34.64	8.53	18.30	49040	2366	11920
MAY	27.09	7.65	14.96	24020	1937	7609
JUNE	24.66	7.38	12.90	18120	1752	5544
JULY	21.41	8.73	12.80	13510	1610	5372
AUGUST	25.44	7.28	13.77	19810	1678	6275
SEPTEMBER	24.04	7.33	13.76	21340	1769	6190

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1931-1993**

PERCENT  
OF TIME  
EQUALED  
OR

EXCEEDED ANNUAL OCT NOV DEC JAN FEB MAR APR MAY JUNE JULY AUG SEPT

ELEVATION IN FEET ABOVE MEAN SEA LEVEL

95.0	7.5	7.8	7.3	7.1	7.4	8.0	8.8	8.8	8.0	7.7	8.0	8.0	7.8
90.0	8.3	8.1	7.7	7.5	8.1	8.8	9.7	9.7	8.7	8.3	8.6	8.7	8.5
85.0	8.8	8.8	8.0	7.8	8.5	9.2	10.7	10.8	9.1	8.6	9.0	9.1	9.3
80.0	9.3	8.8	8.4	8.2	8.9	9.7	11.8	11.9	10.0	9.3	9.3	9.8	9.7
75.0	9.8	9.2	8.8	8.6	9.3	10.7	13.0	12.5	10.5	9.7	9.7	10.3	10.2
70.0	10.3	9.6	8.8	9.0	9.8	11.7	13.6	13.8	10.9	10.1	10.1	11.1	10.7
65.0	10.9	10.1	9.2	9.0	9.8	12.3	14.9	14.5	11.4	10.5	10.5	11.6	11.1
60.0	11.5	10.1	9.2	9.4	10.8	14.1	15.7	15.2	12.5	11.0	10.9	12.1	11.6
55.0	12.1	10.9	9.7	9.9	11.3	14.8	16.4	16.0	13.0	11.4	11.3	12.1	12.1
50.0	12.1	11.4	10.2	10.4	11.8	15.5	18.0	16.8	13.6	11.9	11.7	12.6	12.7
45.0	12.8	11.9	10.6	10.4	12.4	16.3	18.9	17.6	14.8	12.3	12.2	13.1	13.2
40.0	13.5	12.4	11.1	10.9	13.6	17.1	19.8	19.4	15.5	12.8	12.6	13.6	13.8
35.0	15.0	13.5	11.6	11.4	14.2	17.9	21.0	20.8	16.2	13.3	13.1	14.2	14.4
30.0	15.8	14.1	12.2	11.9	14.9	19.7	22.0	21.7	16.9	13.8	13.6	14.8	15.1
25.0	16.6	14.7	12.8	12.5	16.3	21.0	22.7	22.9	17.7	14.4	14.7	15.4	15.7
20.0	18.5	16.0	12.8	13.1	17.9	22.1	24.1	24.2	19.3	15.5	15.2	17.4	16.4
15.0	20.2	16.6	13.4	14.3	19.7	23.1	25.5	25.8	20.2	16.8	16.4	18.1	17.9
10.0	22.1	18.1	14.6	15.7	21.8	24.3	27.9	27.7	22.0	18.2	18.4	18.9	19.5
5.0	25.0	19.7	16.0	19.8	24.2	26.2	29.5	29.7	25.0	20.4	20.6	23.1	22.3

DISCHARGE IN CUBIC FEET PER SECOND

95.0	2029.0	1942.5	1783.7	1692.7	1793.7	2126.5	2722.5	2676.9	2223.2	2122.4	2233.5	2152.6	2168.8
90.0	2358.5	2265.6	1981.6	1908.8	2168.9	2521.0	3334.6	3224.5	2537.5	2429.3	2450.1	2495.1	2379.1
85.0	2617.8	2597.1	2198.1	2115.7	2439.6	2831.4	3802.3	3798.0	2929.2	2629.4	2747.5	2799.8	2805.1
80.0	2858.8	2768.0	2405.8	2317.6	2622.2	3112.3	4537.2	4539.0	3288.5	2911.9	2946.5	3197.5	3108.3
75.0	3108.4	2896.5	2532.6	2464.6	2821.2	3801.2	5506.4	5282.7	3654.2	3188.3	3124.9	3581.7	3353.7
70.0	3393.1	3043.9	2637.9	2574.4	3035.6	4419.0	6195.3	6066.6	4117.9	3448.8	3323.4	3804.7	3590.0
65.0	3714.8	3204.7	2759.8	2685.9	3256.6	5081.9	6969.8	6793.5	4588.7	3734.1	3579.4	4131.0	3863.8
60.0	4091.9	3414.9	2898.0	2837.9	3475.0	6306.2	7879.8	7508.1	5068.3	3973.8	3852.6	4531.0	4220.5
55.0	4549.9	3709.1	3044.4	3019.2	3964.5	7306.0	8829.5	8316.6	5536.3	4254.5	4282.2	4902.8	4608.6
50.0	5007.5	4048.0	3195.8	3238.8	4429.3	8003.9	10015.5	9244.1	6207.1	4591.3	4611.5	5303.7	4934.5
45.0	5538.0	4472.2	3483.6	3423.7	4969.5	8572.0	11390.6	10282.4	6923.7	4942.4	4904.5	5612.8	5377.5
40.0	6134.0	4920.6	3827.7	3617.5	5734.1	9189.5	12466.4	11604.8	7556.6	5231.7	5217.8	5991.0	5873.6
35.0	6819.9	5381.0	4145.7	3819.1	6321.2	10521.3	13442.7	12959.2	8138.0	5608.2	5584.6	6411.2	6375.5
30.0	7658.4	5858.1	4472.2	4316.0	7214.0	11920.2	14396.3	13941.5	8807.8	6124.0	5964.8	6866.7	6883.8
25.0	8715.6	6447.7	4871.4	4951.6	8717.6	13272.0	15601.4	15678.6	9620.4	6613.7	6626.4	7477.1	7445.8
20.0	10151.9	7246.9	5336.4	5749.1	10334.0	14548.9	17579.7	17904.8	10857.7	7264.6	7404.4	8611.9	8318.7
15.0	12175.6	8584.4	5827.2	6986.2	12442.4	15845.5	19679.1	20472.7	12265.7	8419.2	8386.2	9480.5	10025.5
10.0	14585.8	9930.4	6528.0	8526.0	14076.0	17771.9	24320.3	23604.3	14487.3	10146.4	9905.5	10709.1	11884.6
5.0	19298.5	12464.1	8365.5	12590.8	17227.1	21712.3	27879.1	27838.3	18745.2	12961.5	12008.7	15606.9	14893.2

SUWANNEE RIVER BASIN  
02320500 SUWANNEE RIVER AT BRANFORD, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183									
1932	1933	7.36	6	7.40	6	7.47	6	7.52	6	7.58	6	7.87	7	8.85	12	9.31	16	11.6	30
1934	1935	7.69	8	7.70	8	7.71	8	7.75	8	7.86	9	7.94	9	8.04	8	8.22	8	8.69	8
1936	1937	8.74	19	8.77	19	8.80	19	8.89	19	9.05	20	9.79	29	9.85	29	10.1	27	10.6	22
1937	1938	10.2	40	10.2	41	10.3	41	10.5	41	10.7	40	11.3	40	11.6	38	11.9	37	13.4	39
1938	1939	8.03	13	8.07	13	8.11	13	8.17	13	8.26	13	8.47	13	8.68	11	9.00	11	9.45	10
1939	1940	8.44	16	8.45	16	8.50	16	8.55	16	8.55	14	8.75	15	9.00	16	9.27	14	10.8	24
1940	1941	7.48	7	7.51	7	7.53	7	7.55	7	7.61	7	7.77	6	7.99	7	8.24	9	8.69	9
1941	1942	7.69	9	7.72	9	7.76	9	7.80	10	7.94	11	8.41	12	8.90	14	9.58	19	9.65	14
1942	1943	9.01	25	9.02	25	9.05	25	9.08	24	9.11	22	9.24	19	9.41	20	9.68	20	10.2	18
1943	1944	7.08	3	7.09	3	7.11	3	7.13	3	7.17	3	7.22	2	7.32	2	7.50	4	7.99	5
1944	1945	11.3	48	11.4	49	11.5	50	11.9	51	12.6	51	13.2	51	14.3	52	14.7	52	15.1	49
1945	1946	9.82	33	9.85	33	9.87	32	9.88	32	10.0	32	11.2	37	12.2	44	12.9	45	16.5	53
1946	1947	10.7	45	10.7	45	10.7	45	10.8	44	11.0	42	11.3	42	11.7	39	12.1	39	14.1	42
1947	1948	11.2	47	11.2	47	11.2	47	11.3	47	12.0	49	12.2	49	12.3	46	12.8	44	15.0	48
1948	1949	13.5	53	13.5	53	13.6	53	13.7	53	14.1	53	15.3	53	15.6	53	16.2	53	16.1	52
1949	1950	9.61	30	9.67	31	9.73	31	9.77	31	9.81	30	10.0	30	10.3	30	10.7	31	12.1	31
1950	1951	9.01	26	9.08	27	9.12	27	9.16	27	9.45	29	9.66	28	9.78	27	10.0	25	10.8	25
1951	1952	8.23	14	8.30	14	8.38	14	8.43	14	8.57	15	8.75	16	9.09	17	9.30	15	10.1	17
1954	1955	7.26	5	7.31	5	7.38	5	7.39	5	7.44	5	7.51	5	7.57	5	7.64	5	7.82	3
1955	1956	6.78	1	6.78	1	6.79	1	6.80	1	6.84	1	6.94	1	7.07	1	7.25	1	7.67	2
1956	1957	6.98	2	6.99	2	7.02	2	7.04	2	7.08	2	7.23	3	7.32	3	7.41	3	7.89	4
1957	1958	9.77	32	9.82	32	10.0	35	10.3	40	11.0	44	11.5	43	13.1	49	13.5	48	13.4	40
1959	1960	12.8	52	12.8	52	12.8	52	12.9	52	13.2	52	14.0	52	14.2	51	14.4	51	14.8	47
1960	1961	11.3	49	11.3	48	11.4	48	11.4	48	11.5	47	11.8	46	12.4	47	13.1	46	14.4	45
1961	1962	9.21	28	9.25	28	9.27	28	9.32	28	9.35	27	9.49	26	9.67	23	9.75	23	10.7	23
1962	1963	8.40	15	8.41	15	8.43	15	8.49	15	8.60	16	8.69	14	8.85	13	9.26	13	9.49	11
1963	1964	7.87	12	7.88	12	7.90	12	7.94	12	8.00	12	8.19	11	8.42	10	8.63	10	9.63	12
1964	1965	14.5	54	14.5	54	14.6	54	14.8	54	15.4	54	16.8	54	19.1	54	20.3	54	21.9	54
1965	1966	11.7	51	11.7	51	11.8	51	11.8	50	12.0	50	12.6	50	13.3	50	13.9	50	15.2	50
1966	1967	11.4	50	11.4	50	11.5	49	11.5	49	11.6	48	12.1	47	13.0	48	13.5	49	15.4	51
1967	1968	8.97	23	8.99	23	9.01	22	9.03	22	9.14	24	9.28	22	9.46	21	9.51	18	9.64	13
1968	1969	7.70	10	7.73	10	7.77	10	7.79	9	7.88	10	7.95	10	8.05	9	8.19	7	8.53	7
1969	1970	9.84	34	9.89	34	9.92	34	10.1	34	10.4	38	11.2	38	11.4	36	11.7	33	13.0	37
1970	1971	10.6	44	10.6	43	10.6	43	10.7	43	10.8	41	11.3	41	11.9	42	12.3	41	13.8	41
1971	1972	10.1	36	10.2	39	10.2	39	10.3	38	10.6	39	11.2	39	12.1	43	13.4	47	14.2	43
1972	1973	9.26	29	9.27	29	9.33	29	9.35	29	9.39	28	9.53	27	9.77	25	10.2	28	11.2	27
1973	1974	10.2	41	10.2	40	10.2	40	10.3	39	10.4	36	10.6	33	11.0	33	11.2	32	12.3	32
1974	1975	9.61	31	9.66	30	9.68	30	9.72	30	9.84	31	10.1	31	10.7	32	11.8	36	12.5	33
1975	1976	10.1	37	10.1	36	10.1	36	10.2	35	10.3	34	10.7	35	11.5	37	12.1	38	13.0	38
1976	1977	10.4	42	10.4	42	10.4	42	10.5	42	11.0	43	12.1	48	12.2	45	12.4	43	14.4	46
1977	1978	8.89	20	8.91	20	8.94	20	8.99	20	9.00	19	9.26	21	9.77	26	9.81	24	9.82	15
1978	1979	8.48	17	8.51	17	8.54	17	8.59	17	8.68	17	8.76	17	8.96	15	9.25	12	10.3	20
1979	1980	10.5	43	10.6	44	10.7	44	10.8	45	11.1	45	11.7	44	11.8	41	12.4	42	12.7	34
1980	1981	9.06	27	9.07	26	9.10	26	9.13	26	9.21	26	9.41	25	9.65	22	9.73	22	10.0	16
1981	1982	7.75	11	7.75	11	7.78	11	7.81	11	7.82	8	7.91	8	7.98	6	8.16	6	8.20	6
1982	1983	8.90	21	8.91	21	8.95	21	9.00	21	9.09	21	9.36	23	9.69	24	10.3	29	11.6	29
1983	1984	10.1	38	10.1	37	10.1	37	10.2	37	10.4	37	10.9	36	11.4	35	11.8	34	12.9	36
1984	1985	9.88	35	9.90	35	9.91	33	9.98	33	10.1	33	10.2	32	10.4	31	10.6	30	10.9	26
1985	1986	8.56	18	8.57	18	8.58	18	8.65	18	8.74	18	8.91	18	9.17	18	9.50	17	11.4	28
1986	1987	8.98	24	9.00	24	9.03	24	9.08	25	9.19	25	9.38	24	9.83	28	10.1	26	10.3	19
1987	1988	8.96	22	8.97	22	9.01	23	9.04	23	9.11	23	9.25	20	9.39	19	9.68	21	10.5	21
1990	1991	7.14	4	7.15	4	7.18	4	7.20	4	7.23	4	7.27	4	7.34	4	7.34	2	7.46	1
1991	1992	10.1	39	10.1	38	10.2	38	10.2	36	10.3	35	10.6	34	11.1	34	11.8	35	14.3	44
1992	1993	10.9	46	11.0	46	11.0	46	11.1	46	11.2	46	11.8	45	11.7	40	12.2	40	12.9	35

SUWANNEE RIVER BASIN  
02320500 SUWANNEE RIVER AT BRANFORD, FL--Continued

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183									
1932	1932	21.5	35	21.5	35	21.3	35	20.2	37	18.4	38	16.3	38	14.4	42	13.4	43	11.6	46
1934	1934	17.6	48	17.4	48	16.8	49	15.6	50	14.2	51	13.1	51	12.8	50	12.2	48	11.0	51
1935	1935	23.9	27	23.9	27	23.8	27	23.5	26	20.9	33	16.1	41	13.6	44	12.1	50	10.9	52
1937	1937	26.5	20	26.4	20	26.3	20	25.7	20	24.6	21	22.3	22	20.9	23	19.5	23	17.2	24
1938	1938	19.8	41	19.8	41	19.7	41	19.4	41	18.3	39	16.1	40	15.0	40	14.4	40	13.3	41
1939	1939	19.3	43	19.3	43	19.1	43	18.3	43	16.5	45	15.4	44	14.4	43	13.9	42	14.0	36
1940	1940	16.9	50	16.9	50	16.8	50	16.4	48	15.4	49	14.1	49	13.4	48	12.5	46	12.0	45
1941	1941	13.6	54	13.6	54	13.4	54	12.8	54	11.9	54	11.1	54	10.5	54	10.1	54	10.1	54
1942	1942	28.5	12	28.5	12	28.4	12	28.0	12	27.3	11	25.3	12	23.8	12	22.8	12	19.6	15
1943	1943	14.0	53	14.0	53	13.9	53	13.6	53	13.5	52	12.4	52	11.9	52	11.6	52	11.1	50
1944	1944	26.2	22	26.2	22	26.0	22	25.5	22	24.7	20	23.7	18	21.4	21	19.5	22	19.2	18
1945	1945	27.2	17	27.2	17	27.1	17	26.7	18	25.7	19	24.8	14	21.6	20	18.8	25	16.9	26
1946	1946	22.6	34	22.5	34	22.5	34	22.3	33	22.0	27	20.9	26	19.7	26	19.2	24	18.3	21
1947	1947	23.0	30	23.0	30	22.8	30	22.3	32	22.8	30	20.8	27	19.1	29	17.7	31	15.9	30
1948	1948	38.8	1	38.7	1	38.3	1	36.8	1	34.9	1	32.4	1	29.6	1	28.8	1	29.3	1
1949	1949	22.9	31	22.9	31	22.8	31	22.4	30	21.6	30	20.4	29	20.5	24	19.8	21	18.7	20
1950	1950	19.0	44	18.7	45	18.2	46	17.5	46	16.3	46	14.6	46	13.5	45	12.8	45	12.1	44
1951	1951	17.0	49	17.0	49	16.8	48	16.3	49	15.4	48	13.7	50	12.3	51	11.7	51	11.5	48
1952	1952	21.2	37	21.2	37	21.2	36	21.1	35	20.8	34	19.9	31	18.4	31	18.3	26	17.1	25
1955	1955	10.7	56	10.7	56	10.6	56	10.2	56	8.96	56	8.27	56	8.31	56	8.18	56	7.96	56
1956	1956	16.5	51	16.5	51	16.3	51	15.4	51	13.5	53	11.4	53	10.9	53	10.7	53	10.3	53
1957	1957	20.7	39	20.6	39	20.4	39	19.7	40	18.2	40	15.9	42	14.8	41	14.3	41	13.4	39
1958	1958	27.9	15	27.9	15	27.8	15	27.3	15	25.9	18	23.7	17	22.6	16	21.6	16	20.5	11
1960	1960	29.3	10	29.2	10	29.0	11	28.3	11	26.4	12	24.9	13	23.5	13	21.7	15	19.8	14
1961	1961	25.9	23	25.9	23	25.7	23	25.0	24	23.2	25	20.1	30	18.8	30	18.0	29	16.4	28
1962	1962	23.8	28	23.7	28	23.6	29	23.0	29	21.5	31	18.2	36	16.3	36	14.9	38	13.2	42
1963	1963	20.2	40	20.1	40	20.1	40	20.0	39	19.7	37	18.3	35	16.8	35	15.5	36	14.0	37
1964	1964	30.2	7	30.1	7	30.0	7	29.6	8	28.2	10	25.7	10	25.6	8	25.0	7	22.4	6
1965	1965	30.1	8	30.1	8	30.0	8	29.7	7	29.5	6	28.6	5	27.0	6	26.3	4	25.0	2
1966	1966	30.3	6	30.3	6	30.2	6	29.9	6	29.0	7	26.7	8	24.9	9	22.9	11	21.9	8
1967	1967	23.7	29	23.7	29	23.6	28	23.2	27	22.1	26	21.6	24	19.8	25	18.1	27	16.4	27
1968	1968	11.5	55	11.4	55	11.1	55	10.7	55	10.0	55	9.74	55	9.75	55	9.67	55	9.65	55
1969	1969	17.6	47	17.6	47	17.5	47	17.1	47	16.0	47	14.5	47	13.5	47	13.0	44	13.0	43
1970	1970	28.1	14	28.1	14	28.0	14	27.6	14	26.2	13	22.9	20	21.9	19	20.7	19	19.3	17
1971	1971	21.2	36	21.2	36	21.1	37	20.8	36	19.8	36	18.4	33	17.1	34	16.7	33	16.1	29
1972	1972	27.1	18	27.1	18	27.1	18	26.8	17	26.0	17	24.3	16	23.1	14	21.8	14	19.4	16
1973	1973	35.6	2	35.5	2	35.4	2	34.7	2	33.1	2	29.4	3	27.9	3	26.5	3	24.7	3
1974	1974	20.8	38	20.8	38	20.6	38	20.0	38	17.7	42	15.7	43	15.4	39	14.7	39	13.7	38
1975	1975	28.5	13	28.5	13	28.3	13	27.8	13	26.2	15	23.6	19	22.1	18	22.0	13	19.8	13
1976	1976	24.3	26	24.3	26	24.0	26	23.1	28	21.1	32	19.5	32	17.5	32	16.2	34	15.4	33
1977	1977	26.9	19	26.9	19	26.9	19	26.7	19	26.2	14	25.5	11	24.0	11	23.8	9	20.8	10
1978	1978	24.9	25	24.9	25	24.8	25	24.4	25	23.2	24	22.2	23	21.0	22	20.1	20	18.2	22
1979	1979	22.9	32	22.8	32	22.6	33	22.0	34	20.4	35	18.3	34	17.3	33	16.9	32	15.5	32
1980	1980	27.4	16	27.4	16	27.3	16	27.0	16	26.1	16	24.4	15	22.2	17	20.7	18	18.1	23
1981	1981	16.0	52	16.0	52	15.8	52	15.2	52	14.5	50	14.4	48	13.5	46	12.5	47	11.5	47
1982	1982	18.5	46	18.4	46	18.3	45	17.9	45	17.2	43	16.2	39	16.2	38	15.8	35	14.4	35
1983	1983	29.2	11	29.2	11	29.2	10	29.0	10	28.6	8	28.2	6	26.8	7	24.9	8	21.8	9
1984	1984	33.7	3	33.7	3	33.6	3	33.2	3	32.1	3	30.7	2	28.6	2	26.9	2	24.0	4
1985	1985	19.0	45	18.9	44	18.7	44	18.2	44	17.0	44	15.1	45	13.3	49	12.2	49	11.4	49
1986	1986	33.1	4	33.0	4	32.7	4	31.8	4	29.7	5	26.4	9	24.5	10	23.1	10	20.0	12
1987	1987	29.3	9	29.3	9	29.2	9	29.1	9	28.4	9	27.8	7	27.3	4	25.7	5	22.3	7
1988	1988	25.8	24	25.8	24	25.7	24	25.3	23	24.3	22	21.5	25	19.7	27	17.8	30	15.3	34
1990	1990	19.7	42	19.6	42	19.5	42	19.0	42	18.0	41	16.9	37	16.3	37	15.3	37	13.3	40
1991	1991	32.7	5	32.6	5	32.4	5	31.7	5	30.1	4	28.9	4	27.1	5	25.4	6	23.7	5
1992	1992	22.7	33	22.7	33	22.7	32	22.4	31	21.6	29	20.6	28	19.5	28	18.0	28	15.9	31
1993	1993	26.4	21	26.3	21	26.2	21	25.5	21	24.1	23	22.8	21	22.7	15	21.6	17	19.2	19

SUWANNEE RIVER BASIN  
02320500 SUWANNEE RIVER AT BRANFORD, FL--Continued

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183
1932	1933	1790 7	1790 7	1824 7	1854 7	1890 7	2077 11	2783 26	3080 30	5034 41
1933	1934	2060 15	2060 15	2060 14	2069 14	2080 13	2151 13	2237 12	2348 11	2719 11
1934	1935	1950 11	1950 11	1950 9	1975 11	2027 12	2065 9	2116 8	2213 8	2471 8
1935	1936	1820 8	1833 8	1860 8	1884 8	1913 8	2033 8	2159 9	2372 12	4410 35
1936	1937	2470 29	2503 30	2521 29	2568 31	2668 32	3142 37	3199 36	3403 36	3761 29
1937	1938	3400 48	3400 48	3454 48	3562 49	3743 51	4170 49	4424 50	4633 45	5887 45
1938	1939	2100 16	2133 16	2157 16	2182 16	2227 17	2344 16	2458 14	2655 14	2942 13
1939	1940	2300 22	2320 22	2343 22	2377 22	2388 21	2489 21	2642 21	2815 21	3988 32
1940	1941	1940 9	1940 9	1954 11	1965 9	1990 10	2069 10	2184 10	2327 9	2607 10
1941	1942	1990 13	1990 13	2019 13	2040 13	2118 14	2382 17	2601 19	3022 28	3061 15
1942	1943	2570 33	2570 33	2596 33	2613 33	2630 30	2715 28	2830 28	3020 27	3308 21
1943	1944	1610 4	1610 4	1610 3	1616 3	1630 3	1647 3	1685 3	1787 4	2104 5
1944	1945	4100 57	4127 57	4230 57	4509 58	5012 59	5467 58	6286 59	6621 59	6925 58
1945	1946	3070 42	3097 42	3127 42	3133 42	3241 42	4204 51	5165 56	5880 57	8553 60
1946	1947	3580 53	3580 52	3580 52	3603 50	3687 49	3955 47	4244 44	4520 43	6163 49
1947	1948	4300 58	4300 58	4334 58	4409 57	4736 57	4926 57	4946 55	5281 54	7499 59
1948	1949	5050 60	5083 60	5129 60	5241 60	5541 60	6460 60	6595 60	7006 60	6901 56
1949	1950	2740 36	2767 36	2786 36	2800 36	2821 36	2922 35	3067 35	3300 34	4476 37
1950	1951	2460 28	2500 29	2537 31	2554 30	2754 35	2848 33	2870 29	2966 26	3521 25
1951	1952	2200 18	2253 18	2301 21	2325 21	2402 22	2501 22	2739 25	2895 24	3536 26
1952	1953	2150 17	2170 17	2184 17	2191 17	2215 16	2281 14	2358 13	2493 13	2583 9
1953	1954	3140 43	3160 44	3176 44	3249 45	3430 46	3889 46	4503 51	5180 53	6521 52
1954	1955	1580 3	1603 3	1629 4	1634 4	1650 4	1684 4	1709 4	1743 2	1831 2
1955	1956	1530 1	1537 1	1550 1	1554 1	1575 1	1619 2	1667 1	1750 3	2049 4
1956	1957	1640 6	1647 6	1664 6	1675 5	1695 5	1778 6	1826 6	1874 5	2177 6
1957	1958	3540 52	3583 53	3746 55	3976 56	4514 56	4913 56	5952 58	6558 58	6234 51
1958	1959	2660 35	2673 35	2681 35	2704 35	2735 34	2855 34	2998 32	3106 31	3906 31
1959	1960	4440 59	4460 59	4467 59	4513 59	4800 58	5570 59	5482 57	5692 56	6083 48
1960	1961	3630 55	3640 55	3670 54	3698 54	3726 50	3957 48	4413 49	4992 50	6066 47
1961	1962	2610 34	2633 34	2647 34	2676 34	2694 33	2779 32	2885 30	2936 25	3672 27
1962	1963	2250 19	2260 19	2271 18	2310 19	2375 20	2429 19	2533 17	2810 18	2965 14
1963	1964	1980 12	1987 12	1999 12	2011 12	2014 11	2085 12	2219 11	2341 10	3067 16
1964	1965	6370 61	6403 61	6471 61	6665 61	7130 61	8378 61	11030 61	12930 61	15010 61
1965	1966	3600 54	3620 54	3626 53	3661 53	3797 52	4172 50	4672 53	5131 52	6233 50
1966	1967	3440 49	3447 49	3471 49	3495 48	3552 47	3843 45	4530 52	4898 49	6748 54
1967	1968	2400 25	2410 25	2423 25	2435 25	2494 25	2579 25	2686 22	2775 17	2867 12
1968	1969	1630 5	1637 5	1659 5	1679 6	1705 6	1727 5	1782 5	1889 6	2019 3
1969	1970	3270 47	3303 47	3320 47	3459 47	3676 48	4239 52	4399 48	4629 44	5608 44
1970	1971	3240 46	3243 46	3267 46	3299 46	3392 45	3725 44	4145 42	4485 42	5890 46
1971	1972	2860 38	2913 40	2927 40	2979 40	3193 41	3683 43	4318 46	5452 55	6610 53
1972	1973	2450 27	2460 27	2489 27	2499 27	2523 27	2596 26	2724 24	3050 29	3786 30
1973	1974	2780 37	2787 37	2797 37	2814 37	2862 37	3011 36	3313 37	3560 38	4449 36
1974	1975	2870 39	2897 39	2907 38	2929 38	2990 38	3163 38	3547 39	4232 40	5003 40
1975	1976	3140 44	3153 43	3174 43	3198 43	3290 44	3617 42	4185 43	4669 46	5431 43
1976	1977	3510 51	3517 50	3563 51	3615 51	3961 55	4872 55	4920 54	5082 51	6921 57
1977	1978	2490 30	2507 31	2521 30	2553 29	2561 28	2741 29	3025 34	3127 32	3088 17
1978	1979	2260 20	2277 21	2294 20	2321 20	2367 19	2416 18	2525 16	2714 15	3484 24
1979	1980	3470 50	3523 51	3556 50	3655 52	3822 53	4282 53	4333 47	4779 48	5046 42
1980	1981	2410 26	2417 26	2433 26	2451 26	2496 26	2611 27	2805 27	2887 23	3112 18
1981	1982	1940 10	1940 10	1953 10	1965 10	1972 9	2017 7	2054 7	2148 7	2179 7
1982	1983	2490 31	2497 28	2520 28	2549 28	2599 29	2753 30	2960 31	3380 35	4289 34
1983	1984	2870 40	2883 38	2916 39	2958 39	3043 39	3333 40	3655 40	3950 39	4861 38
1984	1985	3060 41	3073 41	3086 41	3125 41	3187 40	3265 39	3381 38	3520 37	3756 28
1985	1986	2260 21	2267 20	2274 19	2306 18	2360 18	2459 20	2618 20	2825 22	4249 33
1986	1987	2540 32	2550 32	2566 32	2592 32	2654 31	2767 31	3023 33	3155 33	3279 20
1987	1988	2340 23	2350 23	2366 23	2383 23	2424 23	2503 23	2600 18	2813 20	3436 22
1988	1989	2360 24	2367 24	2383 24	2407 24	2447 24	2521 24	2708 23	2810 19	3219 19
1989	1990	1990 14	2037 14	2071 15	2114 15	2165 15	2303 15	2502 15	2730 16	3447 23
1990	1991	1550 2	1553 2	1567 2	1576 2	1592 2	1618 1	1677 2	1689 1	1780 1
1991	1992	3180 45	3190 45	3214 45	3235 44	3282 43	3498 41	3828 41	4371 41	6884 55
1992	1993	3660 56	3723 56	3763 56	3839 55	3889 54	4347 54	4270 45	4711 47	5001 39

SUWANNEE RIVER BASIN  
02320500 SUWANNEE RIVER AT BRANFORD, FL--Continued

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183									
1932	1932	14800	37	14730	37	14490	37	13050	41	10980	43	8997	42	7300	47	6443	48	5034	49
1933	1933	24100	16	23900	16	23440	16	22610	16	20750	16	17580	18	16920	14	15020	14	12360	14
1934	1934	8350	56	7870	57	7436	57	6667	57	5769	58	5101	57	4933	56	4557	57	3881	58
1935	1935	16200	34	16130	34	15990	34	15530	33	12680	38	8519	44	6596	49	5427	50	4410	52
1936	1936	14200	39	14130	39	14000	39	13640	38	12970	37	11490	36	10920	34	9832	35	7883	36
1937	1937	22700	19	22700	19	22410	19	21410	21	19350	22	15970	24	14020	24	12360	24	9969	26
1938	1938	12100	47	12100	47	11970	47	11590	47	10420	45	8295	46	7307	46	6718	46	5845	47
1939	1939	13300	42	13230	42	12970	42	12030	45	10060	46	8650	43	7632	43	7096	43	6883	39
1940	1940	8900	55	8867	55	8824	55	8578	54	7722	54	6696	52	6098	50	5385	51	5021	50
1941	1941	5790	60	5763	60	5671	60	5521	60	5213	60	4444	60	3946	60	3656	60	3505	60
1942	1942	24900	13	24830	13	24610	13	23980	12	22520	12	19220	13	17080	13	15710	13	12240	16
1943	1943	6730	59	6730	59	6614	59	6347	58	6286	57	5284	56	4897	57	4686	55	4282	54
1944	1944	21700	24	21630	24	21290	24	20510	23	18920	23	17720	17	14810	22	12720	22	11760	19
1945	1945	22500	20	22430	20	22170	21	21450	20	20190	19	18820	14	15200	20	12270	25	10170	25
1946	1946	14700	38	14570	38	14490	38	14270	37	13960	33	12650	30	11540	31	11040	28	9967	27
1947	1947	16500	33	16430	33	16210	33	15470	34	14690	29	13460	29	11600	30	10130	32	8384	33
1948	1948	82800	1	80970	1	76830	1	63150	1	49910	1	39210	1	31530	1	28810	1	28770	1
1949	1949	15600	35	15570	35	15410	35	14960	35	13900	34	12540	31	12560	27	11770	26	10630	23
1950	1950	10800	49	10400	50	9849	51	9061	51	7852	53	6335	55	5427	54	4859	54	4452	51
1951	1951	9480	53	9447	53	9266	53	8774	53	7968	51	6396	54	5255	55	4676	56	4190	56
1952	1952	13700	40	13700	40	13660	40	13630	39	13310	36	12370	33	10950	33	10790	29	9666	28
1953	1953	11600	48	11530	48	11370	48	10960	48	9624	47	7950	48	7517	44	6863	45	6521	42
1954	1954	16700	32	16700	31	16540	31	16080	30	14510	31	11510	35	9765	36	10640	30	9189	29
1955	1955	4320	61	4313	61	4213	61	3877	61	2937	62	2308	62	2162	62	2117	62	2070	62
1956	1956	9170	54	9133	54	8973	54	8190	55	6570	56	4880	59	4515	58	4350	58	3957	57
1957	1957	13200	43	13130	43	12930	43	12190	43	10650	44	8376	45	7352	45	6925	44	6234	44
1958	1958	23400	17	23370	17	23140	17	22220	18	19890	21	16940	21	15340	19	13940	18	12740	13
1959	1959	34100	6	34030	6	33630	6	32300	6	29720	5	23850	8	19900	9	18730	9	15820	7
1960	1960	25400	12	25270	12	24860	12	23420	15	19940	20	17490	19	15570	17	13610	19	11410	21
1961	1961	19800	26	19800	26	19510	26	18530	26	16170	27	12450	32	10970	32	10020	33	8429	32
1962	1962	16800	31	16700	32	16470	32	15820	32	14090	32	10670	38	8867	41	7589	42	6078	45
1963	1963	12600	45	12600	45	12560	45	12470	42	12140	40	10690	37	9232	39	8038	40	6659	40
1964	1964	28700	8	28630	8	28340	8	27350	8	24630	11	20290	11	20260	8	19110	8	15740	8
1965	1965	28100	9	28030	9	27870	9	27300	9	26730	7	24990	5	21900	7	20960	5	19280	3
1966	1966	29100	7	29000	7	28810	7	28170	7	26210	8	21970	10	18970	11	16220	12	14580	10
1967	1967	17000	30	17000	30	16860	30	16300	29	14620	30	13870	28	11770	29	9979	34	8124	34
1968	1968	3560	62	3517	62	3444	62	3265	62	3087	61	2989	61	3011	61	2935	61	2867	61
1969	1969	9520	52	9500	52	9416	52	8993	52	7963	52	6832	51	5936	51	5606	49	5625	48
1970	1970	24300	15	24300	15	24110	15	23430	14	20860	14	16110	22	14560	23	13090	21	11940	18
1971	1971	13700	41	13670	41	13530	41	13060	40	11940	41	10450	39	9272	38	8808	36	8473	31
1972	1972	22500	21	22430	21	22300	20	21790	19	20360	18	17740	16	16030	16	14370	17	11750	20
1973	1973	54700	2	54470	2	53290	2	48750	2	41020	2	31160	3	26870	3	24060	2	20430	2
1974	1974	12500	46	12470	46	12310	46	11730	46	9444	48	7497	49	7208	48	6629	47	5856	46
1975	1975	24900	14	24830	14	24560	14	23560	13	20780	15	17020	20	15050	21	14780	16	12310	15
1976	1976	17800	28	17730	28	17310	29	16070	31	13650	35	11780	34	9863	35	8637	38	7884	35
1977	1977	21800	23	21730	23	21660	22	21340	22	20570	17	19480	12	17420	12	17140	10	13770	11
1978	1978	18600	27	18600	27	18460	27	17920	27	16290	26	14890	25	13480	25	12510	23	10570	24
1979	1979	15500	36	15470	36	15230	36	14370	36	12460	39	10270	40	9189	40	8777	37	7555	38
1980	1980	23300	18	23270	18	23110	18	22420	17	20890	13	18270	15	15350	18	13500	20	10720	22
1981	1981	8170	57	8147	56	8003	56	7459	56	6803	55	6605	53	5872	52	5137	52	4328	53
1982	1982	10200	51	10170	51	10040	50	9611	50	9004	49	8098	47	8121	42	7770	41	6590	41
1983	1983	26900	11	26900	11	26840	11	26550	11	25690	9	24830	6	22280	6	19450	7	15340	9
1984	1984	41400	3	41370	3	41000	3	39390	3	35300	3	31690	2	27100	2	23950	3	19260	4
1985	1985	10800	50	10670	49	10490	49	9923	49	8803	50	7085	50	5723	53	4883	53	4249	55
1986	1986	38500	4	38230	4	37230	4	34230	5	29040	6	22500	9	19310	10	17090	11	13330	12
1987	1987	27100	10	27100	10	26960	10	26590	10	25320	10	24080	7	23100	5	20640	6	16090	6
1988	1988	20400	25	20370	25	20140	25	19410	25	17850	25	14220	27	12090	28	10220	31	7818	37
1989	1989	6830	58	6780	58	6651	58	6193	59	5546	59	4978	58	4506	59	4106	59	3821	59
1990	1990	12900	44	12870	44	12690	44	12170	44	11040	42	9922	41	9297	37	8280	39	6518	43
1991	1991	37700	5	37530	5	37110	5	35470	4	31540	4	29620	4	25540	4	22260	4	18800	5
1992	1992	17700	29	17700	29	17610	28	17110	28	15830	28	14320	26	12830	26	11080	27	8789	30
1993	1993	22000	22	21930	22	21630	23	20510	24	18100	24	16030	23	16160	15	14790	15	12020	17

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SUWANNEE RIVER BASIN  
02320700 SANTA FE RIVER NEAR GRAHAM, FL

LOCATION.--Lat 29°50'46", long 82°13'11", in NE<sup>1</sup>/<sub>4</sub> sec.32, T.7 S., R.21 E., Alachua County, Hydrologic Unit 03110206, near left bank on upstream side of bridge on State Highway 225, 1.0 mi south of Graham, 1.5 mi upstream from Sampson River, and 71 mi upstream from mouth.

DRAINAGE AREA.--94.9 mi<sup>2</sup>.

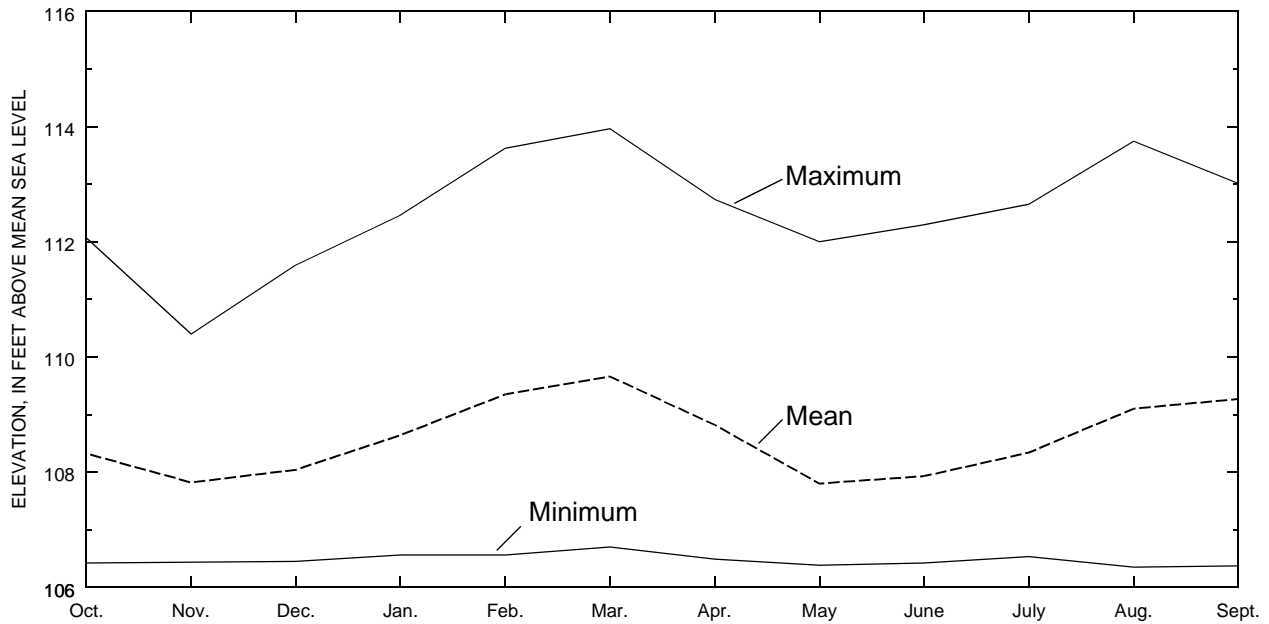
PERIOD OF RECORD.--August 1957 to 1993.

REVISED RECORDS.--WSP 2105: Drainage area.

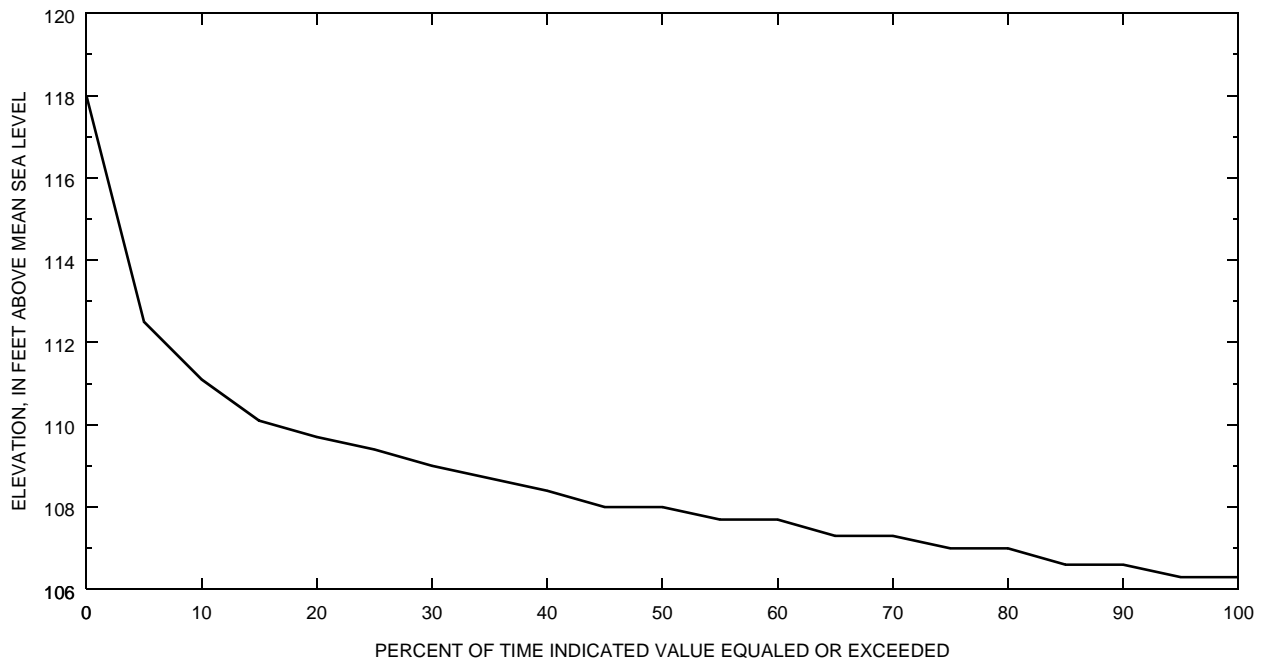
GAGE.--Water-stage recorder. Datum of gage is 103.55 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except for those below 2 ft<sup>3</sup>/s, which are poor. Records do not include natural diversions during periods of high stages from Santa Fe Lake through Lochloosa Creek in St. Johns River basin.

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN ELEVATIONS FOR WATER YEARS 1957-1993**

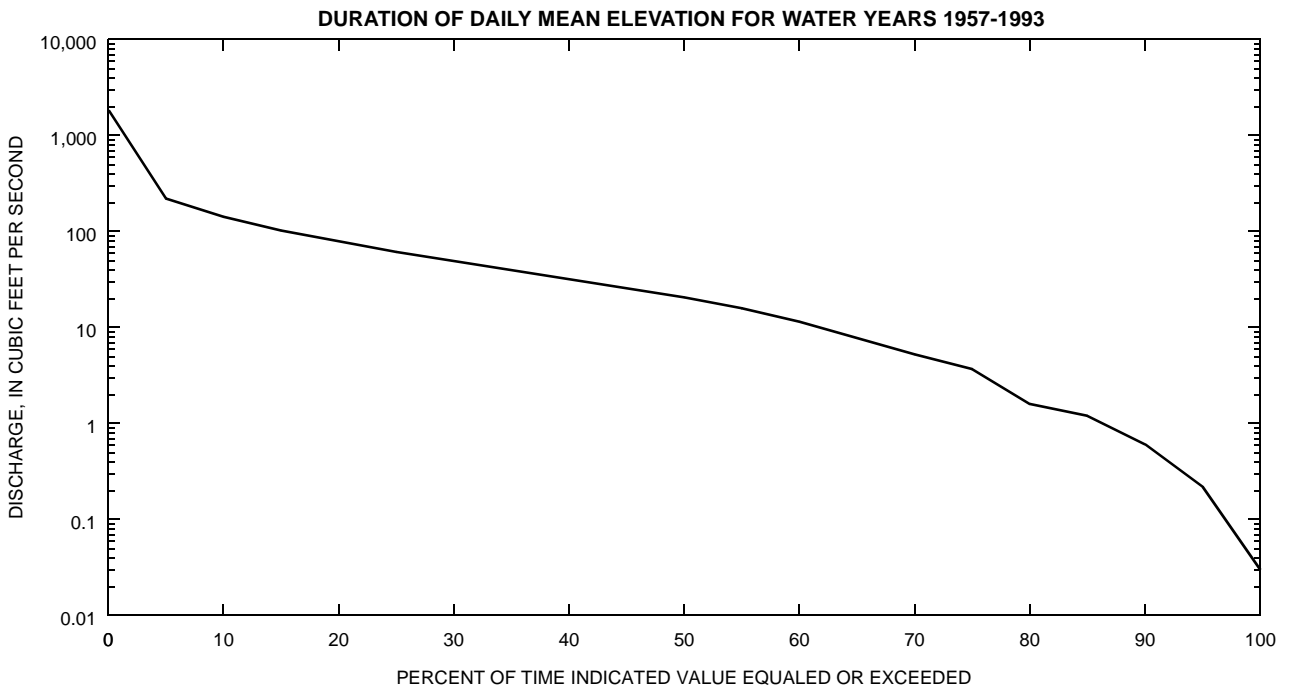
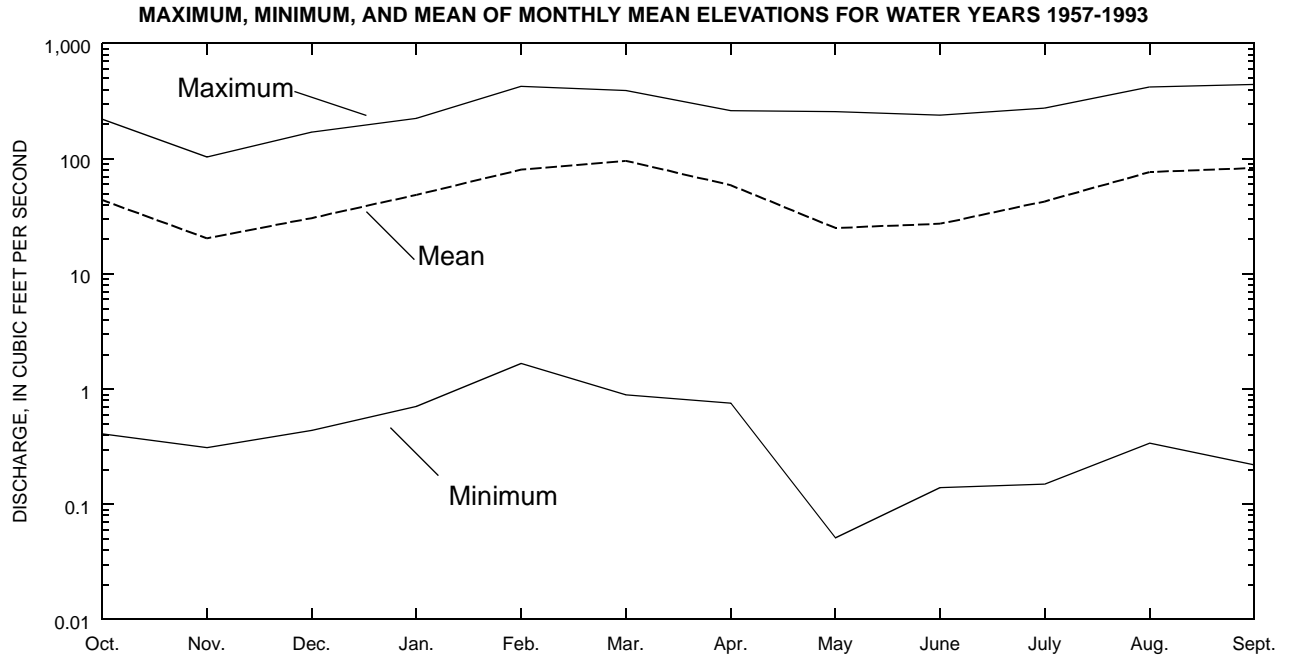


**DURATION OF DAILY MEAN ELEVATION FOR WATER YEARS 1957-1993**



**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
 FOR WATER YEARS 1957 - 1993**

ANNUAL MEAN	52.8	
HIGHEST ANNUAL MEAN	155	1970
LOWEST ANNUAL MEAN	5.67	1990
HIGHEST DAILY MEAN	1870	Sep 12 1964
LOWEST DAILY MEAN	.03	May 28 1981
ANNUAL SEVEN-DAY MINIMUM	.03	May 28 1981
INSTANTANEOUS PEAK FLOW	2360	Sep 12 1964
INSTANTANEOUS PEAK ELEVATION (FT)	118.52	Sep 12 1964
INSTANTANEOUS LOW FLOW	.02	Jun 1 1981
ANNUAL RUNOFF (INCHES/CFSM)	7.56/0.56	





SUWANNEE RIVER BASIN  
02320700 SANTA FE RIVER NEAR GRAHAM, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1959 1960	108 26	108 26	108 26	108 26	109 26	109 25	109 25	109 24	110 25
1960 1961	108 25	108 25	108 25	108 25	108 25	109 26	109 26	110 26	110 26
1961 1962	108 23	108 23	108 23	108 23	108 23	108 23	108 22	108 21	108 20
1962 1963	107 20	107 20	107 20	107 20	107 19	107 19	107 16	108 13	108 13
1963 1964	107 18	107 18	107 18	107 18	107 17	107 16	107 13	108 19	108 19
1964 1965	107 21	107 21	107 21	107 21	108 21	108 21	108 21	108 22	109 23
1965 1966	107 22	108 22	108 22	108 22	108 22	108 22	108 23	109 23	109 22
1969 1970	107 17	107 17	107 15	107 14	107 14	107 14	107 14	108 16	108 17
1970 1971	107 19	107 19	107 19	107 19	107 18	107 18	107 15	108 15	108 11
1971 1972	107 15	107 14	107 13	107 12	107 11	107 10	107 9	107 10	108 14
1972 1973	108 24	108 24	108 24	108 24	108 24	108 24	109 24	109 25	110 24
1973 1974	107 13	107 13	107 14	107 13	107 13	107 17	108 19	108 14	108 10
1974 1975	107 16	107 16	107 16	107 15	107 16	107 13	107 17	108 18	108 16
1975 1976	107 12	107 12	107 11	107 11	107 12	107 11	107 11	107 12	108 12
1976 1977	107 10	107 10	107 10	107 9	107 10	107 7	107 7	107 7	107 5
1977 1978	107 9	107 9	107 9	107 8	107 7	107 6	107 6	107 5	107 2
1978 1979	107 11	107 11	107 12	107 16	107 20	108 20	108 20	108 20	109 21
1981 1982	106 3	106 3	106 3	106 3	106 3	106 2	106 2	107 2	107 7
1982 1983	107 14	107 15	107 17	107 17	107 15	107 15	107 18	108 17	108 18
1984 1985	107 7	107 7	107 7	107 10	107 9	107 8	107 8	107 8	107 6
1987 1988	107 8	107 8	107 8	107 7	107 8	107 9	107 10	107 9	107 9
1988 1989	106 6	106 6	106 6	106 6	107 5	107 5	107 5	107 6	107 8
1989 1990	106 1	106 1	106 2	106 2	106 2	106 3	106 3	107 3	107 4
1990 1991	106 2	106 2	106 1	106 1	106 1	106 1	106 1	106 1	106 1
1991 1992	106 4	106 4	106 4	106 4	106 4	106 4	106 4	107 4	107 3
1992 1993	106 5	106 5	106 5	106 5	107 6	107 12	107 12	107 11	108 15

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1958 1958	114 16	114 16	113 16	112 16	112 12	111 12	110 11	110 11	110 10
1960 1960	117 3	116 3	115 4	115 3	114 1	113 1	113 2	112 2	111 2
1961 1961	116 6	116 6	115 8	114 6	113 7	112 3	111 4	111 7	110 8
1962 1962	112 23	111 23	111 23	110 23	109 23	109 23	109 23	109 21	108 19
1963 1963	111 25	111 25	110 25	110 24	110 22	109 21	109 18	109 18	108 21
1964 1964	118 1	118 1	117 1	115 1	113 5	112 5	111 5	111 8	110 9
1965 1965	115 14	115 14	114 15	113 9	113 6	112 4	112 3	111 3	111 3
1966 1966	116 9	116 9	115 7	114 5	113 4	112 7	111 7	111 9	111 4
1969 1969	113 21	113 20	112 20	111 19	110 20	110 17	109 19	109 19	109 18
1970 1970	118 2	117 2	116 2	115 2	114 3	113 2	113 1	113 1	112 1
1971 1971	113 19	112 21	112 21	111 20	111 17	109 19	109 22	108 24	108 23
1972 1972	116 7	116 7	115 5	114 8	112 9	112 8	111 9	111 5	110 5
1973 1973	116 10	116 8	115 6	114 7	112 8	111 11	111 6	111 4	110 6
1974 1974	115 15	114 15	114 14	113 14	111 14	111 14	110 14	109 13	109 16
1975 1975	114 18	113 18	112 17	112 18	110 21	109 22	109 20	108 23	108 22
1976 1976	110 26	110 26	110 26	109 26	109 25	108 27	108 26	108 26	108 25
1977 1977	110 27	109 27	109 27	109 27	108 27	108 26	108 25	108 25	108 26
1978 1978	116 4	116 4	115 3	115 4	114 2	112 6	111 8	110 10	110 11
1979 1979	113 20	113 19	112 18	112 17	111 15	110 15	110 15	110 12	109 12
1981 1981	111 24	111 24	111 24	110 25	109 26	109 25	108 27	108 27	107 27
1982 1982	115 13	115 13	114 13	113 15	111 18	110 18	109 16	109 15	109 13
1984 1984	115 11	115 11	115 11	113 12	112 13	111 9	111 10	111 6	110 7
1985 1985	115 12	115 12	114 12	113 13	112 11	111 10	110 13	109 16	108 20
1988 1988	116 8	115 10	115 10	113 10	112 10	111 13	110 12	109 14	109 15
1989 1989	109 28	109 28	109 28	109 28	108 28	108 28	108 28	107 28	107 28
1990 1990	109 29	109 29	108 29	108 29	107 29	107 29	107 29	107 29	107 29
1991 1991	113 22	112 22	112 22	110 22	109 24	109 24	109 21	109 20	109 17
1992 1992	114 17	114 17	112 19	111 21	111 19	109 20	109 24	108 22	108 24
1993 1993	116 5	116 5	115 9	113 11	111 16	110 16	109 17	109 17	109 14

SUWANNEE RIVER BASIN  
02320700 SANTA FE RIVER NEAR GRAHAM, FL--Continued

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183
1958	1959	1.90 27	2.07 27	2.19 27	2.71 27	6.10 28	12.6 30	20.9 29	25.8 28	31.2 24
1959	1960	13.0 35	13.3 35	13.9 35	15.9 35	19.9 34	22.2 32	24.7 32	35.9 31	85.0 33
1960	1961	4.00 32	4.27 32	5.14 32	7.69 33	10.2 32	28.5 34	40.0 34	55.9 34	85.9 34
1961	1962	.50 18	.57 19	.79 21	1.18 22	2.72 23	8.52 24	10.6 24	10.7 23	14.8 15
1962	1963	.30 15	.40 17	.44 17	.63 18	.87 16	1.28 15	1.47 12	2.44 8	15.1 16
1963	1964	.10 7	.10 7	.10 5	.11 3	.34 7	.41 7	1.79 14	12.4 24	25.2 20
1964	1965	2.90 30	3.33 30	3.97 30	4.10 28	4.91 27	10.2 26	22.4 30	27.0 30	104 35
1965	1966	1.10 24	1.20 24	1.30 24	1.78 24	3.88 26	12.1 28	22.9 31	38.3 33	56.4 30
1966	1967	6.50 33	6.70 33	7.13 33	7.61 32	8.05 30	12.3 29	14.2 26	25.6 27	50.1 28
1967	1968	.58 22	.58 20	.66 20	.74 19	1.05 20	2.55 21	4.78 21	6.09 13	6.54 6
1968	1969	.060 2	.060 2	.070 2	.16 8	.36 11	.57 11	1.09 10	8.06 18	25.3 21
1969	1970	.090 6	.097 6	.12 8	.13 5	.93 18	2.25 19	4.02 19	7.80 17	23.4 19
1970	1971	1.50 25	1.63 25	1.67 25	1.82 25	2.06 22	3.68 22	4.48 20	6.30 14	11.0 10
1971	1972	.22 13	.25 13	.25 12	.32 11	.36 10	.43 9	.66 6	2.24 7	26.5 23
1972	1973	11.0 34	11.7 34	12.7 34	14.2 34	21.1 35	29.0 35	40.3 35	56.3 35	78.4 32
1973	1974	1.70 26	1.80 26	1.94 26	2.35 26	3.29 25	6.24 23	9.08 23	10.2 22	11.6 11
1974	1975	.31 16	.33 15	.38 15	.52 16	.93 18	.94 13	3.44 16	8.50 20	22.3 18
1975	1976	.55 20	.58 21	.80 22	1.15 21	1.37 21	1.78 18	3.98 18	8.47 19	15.9 17
1976	1977	.16 11	.17 11	.18 11	.22 10	.34 8	.42 8	.65 5	.83 4	3.37 4
1977	1978	.070 4	.080 5	.087 3	.10 2	.11 2	.16 2	.19 2	.19 1	.65 2
1978	1979	2.50 29	2.70 29	3.43 29	5.80 30	9.93 31	13.3 31	17.1 27	26.7 29	54.2 29
1979	1980	.060 3	.060 3	.13 9	.36 13	.49 12	1.42 16	3.75 17	9.62 21	26.1 22
1980	1981	.18 12	.23 12	.27 13	.38 14	.54 13	.72 12	.79 7	.81 3	1.12 3
1981	1982	.030 1	.030 1	.031 1	.039 1	.047 1	.093 1	.089 1	2.05 6	14.5 14
1982	1983	2.20 28	2.37 28	3.00 28	4.29 29	7.38 29	9.25 25	13.6 25	18.8 25	35.3 26
1983	1984	3.40 31	3.77 31	5.00 31	7.21 31	11.4 33	23.2 33	27.5 33	37.4 32	35.1 25
1984	1985	.56 21	.59 22	.65 19	.82 20	.88 17	1.74 17	1.73 13	2.52 9	4.79 5
1985	1986	.11 9	.11 9	.12 7	.12 4	.13 3	.21 3	1.11 11	6.67 16	59.5 31
1986	1987	.52 19	.53 18	.56 18	.57 17	.68 15	1.13 14	1.81 15	4.80 12	12.9 12
1987	1988	.37 17	.38 16	.40 16	.41 15	.55 14	2.34 20	5.79 22	6.42 15	10.9 9
1988	1989	.25 14	.26 14	.28 14	.34 12	.35 9	.39 6	.54 4	1.59 5	12.9 13
1989	1990	.070 5	.070 4	.087 4	.15 7	.18 5	.35 5	.94 9	2.80 10	9.39 8
1990	1991	.10 8	.11 8	.11 6	.13 6	.15 4	.22 4	.32 3	.34 2	.50 1
1991	1992	.12 10	.12 10	.14 10	.19 9	.26 6	.45 10	.84 8	3.05 11	7.75 7
1992	1993	.59 23	.71 23	1.02 23	1.60 23	2.98 24	11.9 27	18.3 28	18.8 26	41.4 27

SUWANNEE RIVER BASIN  
02320700 SANTA FE RIVER NEAR GRAHAM, FL--Continued

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183
1958	1958	343 24	299 23	228 23	197 24	171 18	123 20	94.1 20	75.4 21	69.6 19
1959	1959	984 6	911 5	813 3	555 3	394 4	273 4	268 2	245 2	190 2
1960	1960	979 7	852 7	626 7	441 6	380 5	283 2	249 3	195 3	161 3
1961	1961	811 8	682 8	501 11	384 10	262 9	240 7	180 6	138 10	98.0 12
1962	1962	206 30	157 30	143 30	101 30	66.1 31	43.7 31	32.8 31	26.1 31	19.1 31
1963	1963	132 32	119 32	90.6 32	73.3 32	70.3 30	52.3 30	47.5 30	37.9 28	25.7 30
1964	1964	1870 1	1710 1	1238 1	756 1	436 1	259 6	178 7	135 11	104 11
1965	1965	393 19	358 19	300 22	266 16	236 12	195 8	161 10	150 7	128 5
1966	1966	630 12	565 12	494 12	383 11	286 8	193 9	149 11	123 12	113 10
1967	1967	383 20	352 21	303 21	207 22	151 22	105 23	76.9 24	59.9 24	49.3 24
1968	1968	1090 3	999 3	787 4	483 5	289 7	169 12	121 15	91.2 16	60.1 21
1969	1969	234 29	217 28	186 28	156 26	102 27	77.5 26	55.2 27	42.6 27	34.4 27
1970	1970	1790 2	1520 2	1020 2	623 2	405 3	369 1	328 1	299 1	239 1
1971	1971	242 27	206 29	169 29	142 27	122 26	73.7 27	49.3 29	37.0 30	28.8 28
1972	1972	689 10	622 10	543 9	389 9	258 10	187 10	164 9	162 5	136 4
1973	1973	618 13	596 11	515 10	390 8	253 11	170 11	164 8	149 8	116 7
1974	1974	381 21	356 20	316 19	230 20	147 23	118 21	87.7 22	68.4 23	45.3 25
1975	1975	300 25	246 25	214 25	172 25	101 28	63.0 29	49.9 28	37.9 29	27.3 29
1976	1976	91.0 33	85.3 33	69.7 33	61.8 33	45.4 33	27.2 34	19.2 35	18.8 34	15.9 33
1977	1977	85.0 34	74.3 34	62.9 34	46.5 35	39.8 35	36.2 33	30.9 32	24.6 32	16.3 32
1978	1978	1060 4	945 4	757 5	532 4	423 2	274 3	201 5	154 6	113 9
1979	1979	258 26	244 26	227 24	197 23	156 20	116 22	93.6 21	90.3 17	69.8 18
1980	1980	431 17	400 17	329 17	226 21	155 21	143 17	120 16	116 13	91.8 14
1981	1981	145 31	141 31	113 31	76.5 31	50.3 32	42.6 32	28.9 33	21.7 33	15.7 34
1982	1982	443 16	406 16	343 16	237 18	144 24	92.2 24	77.0 23	72.9 22	70.1 17
1983	1983	353 22	325 22	309 20	256 17	188 17	146 15	123 14	100 15	79.8 16
1984	1984	545 14	517 14	419 14	279 14	201 16	165 14	141 12	147 9	115 8
1985	1985	506 15	488 15	397 15	273 15	213 15	166 13	119 17	89.6 18	59.5 22
1986	1986	400 18	376 18	324 18	236 19	161 19	143 18	131 13	107 14	96.8 13
1987	1987	650 11	559 13	458 13	350 12	312 6	265 5	217 4	182 4	127 6
1988	1988	751 9	667 9	562 8	348 13	216 14	145 16	114 18	87.9 19	61.3 20
1989	1989	79.0 35	72.7 35	62.1 35	48.7 34	41.4 34	25.0 35	19.8 34	17.1 35	12.7 35
1990	1990	51.0 36	48.7 36	41.0 36	27.7 36	16.8 36	11.5 36	10.8 36	10.4 36	9.28 36
1991	1991	240 28	217 27	186 27	126 29	76.6 29	69.1 28	58.1 26	57.8 25	54.6 23
1992	1992	347 23	292 24	212 26	142 28	138 25	85.8 25	63.5 25	56.0 26	41.4 26
1993	1993	1000 5	900 6	647 6	393 7	224 13	128 19	94.9 19	77.8 20	80.9 15

**SUWANNEE RIVER BASIN**  
02321000 NEW RIVER NEAR LAKE BUTLER, FL

LOCATION.--Lat 29°59'53", long 82°16'27", in SW 1/4 sec. 2, T.6. S., R.20 E., Union County, Hydrologic unit 03110206, near right bank on downstream side of bridge on State Highway 100, 4.4 miles southeast of Lake Butler.

DRAINAGE AREA.--191 mi<sup>2</sup>.

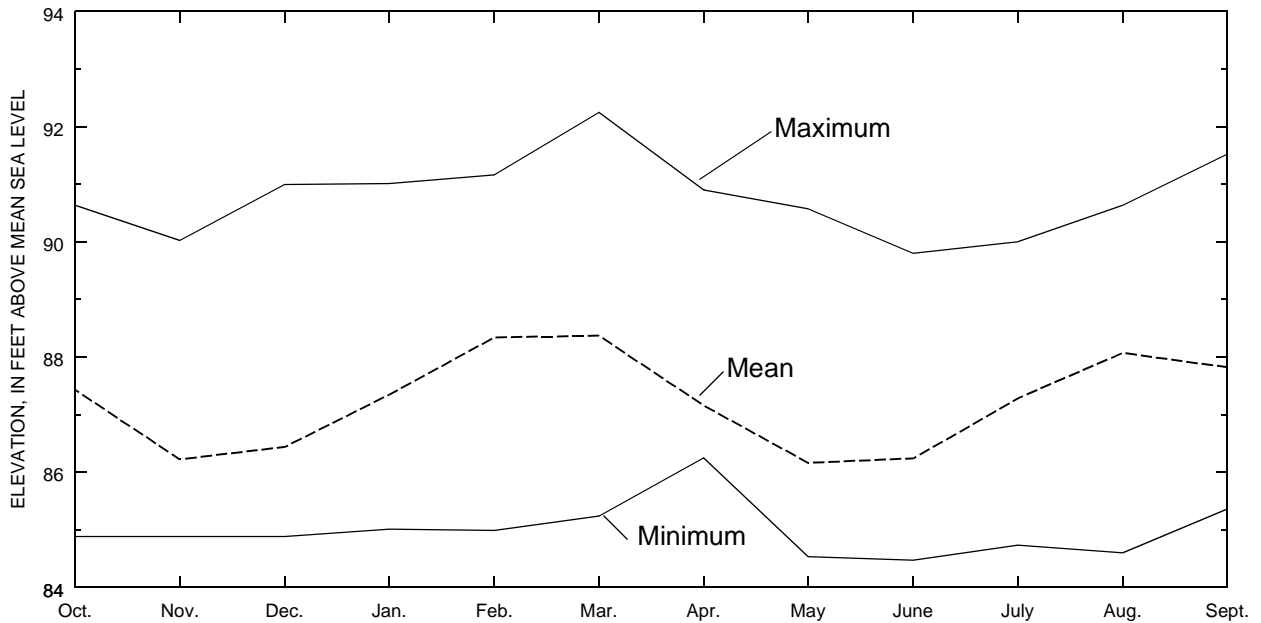
PERIOD OF RECORD.--January 1950 to September 1971, June 1973 to May 1977, periodic discharge measurements. October 1990 to September 1991, October 1992 to 1993.

REVISED RECORDS.--WRD FLA. 1968 Drainage area.

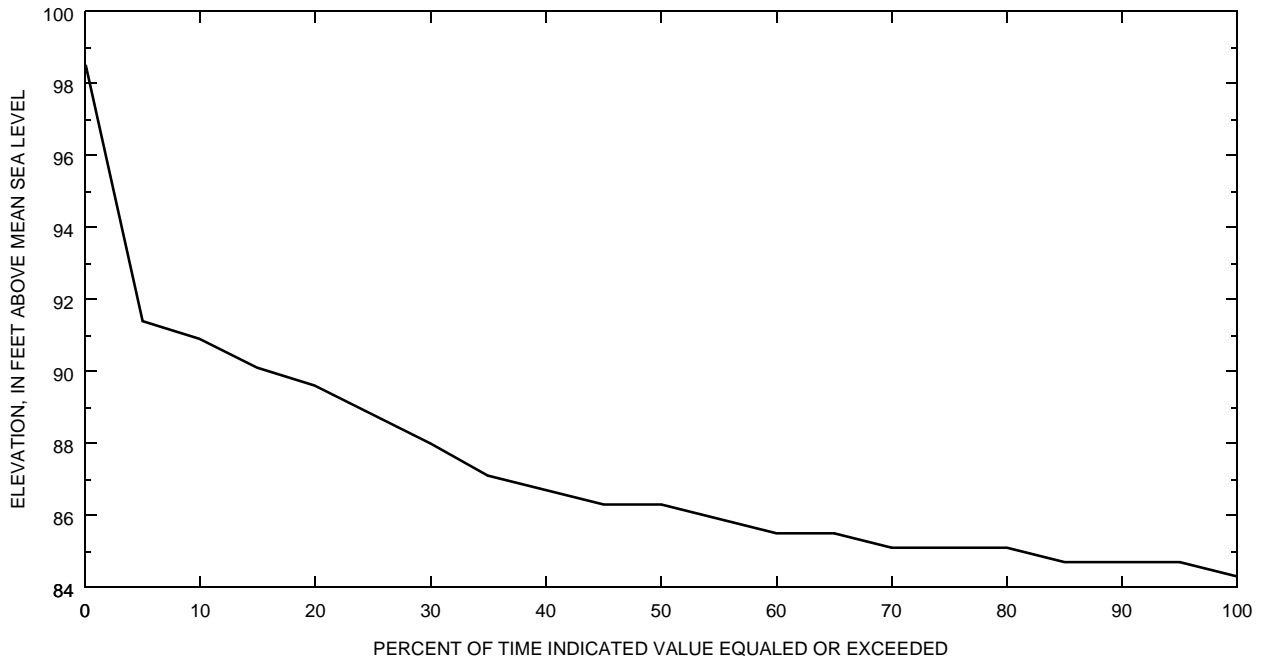
GAGE.--Water-stage recorder. Datum of gage is 83.8 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good.

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN ELEVATIONS FOR WATER YEARS 1950-1993**



**DURATION OF DAILY MEAN ELEVATION FOR WATER YEARS 1950-1993**

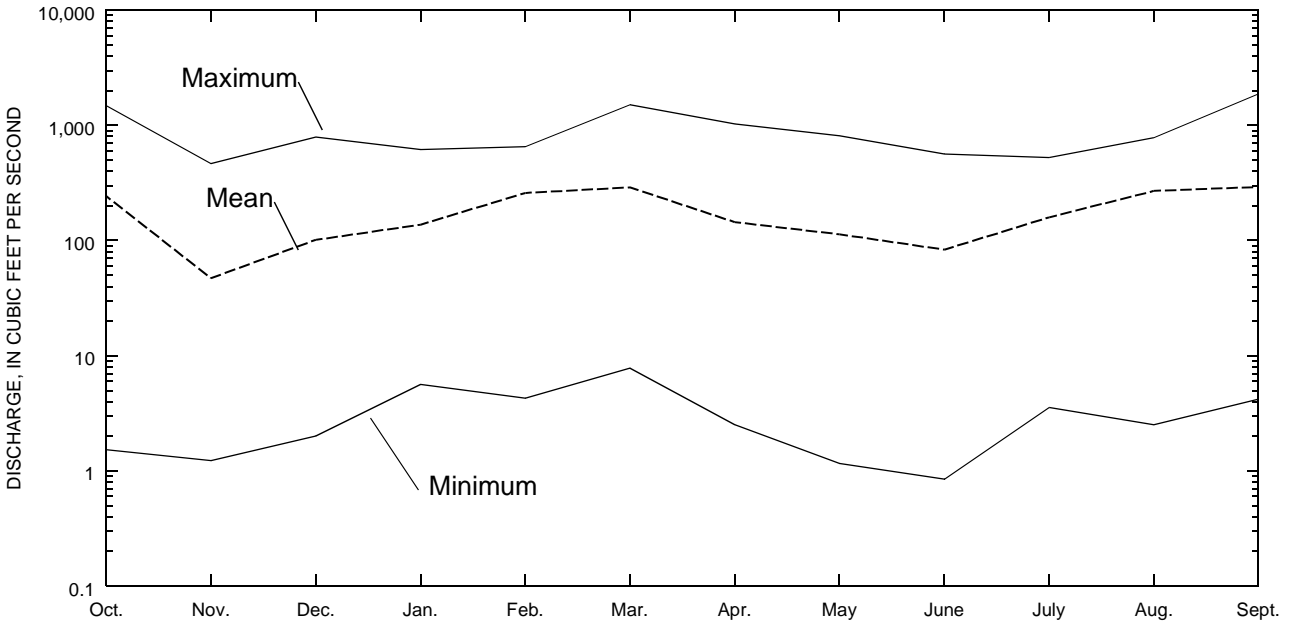


SUWANNEE RIVER BASIN  
 02321000 NEW RIVER NEAR LAKE BUTLER, FL

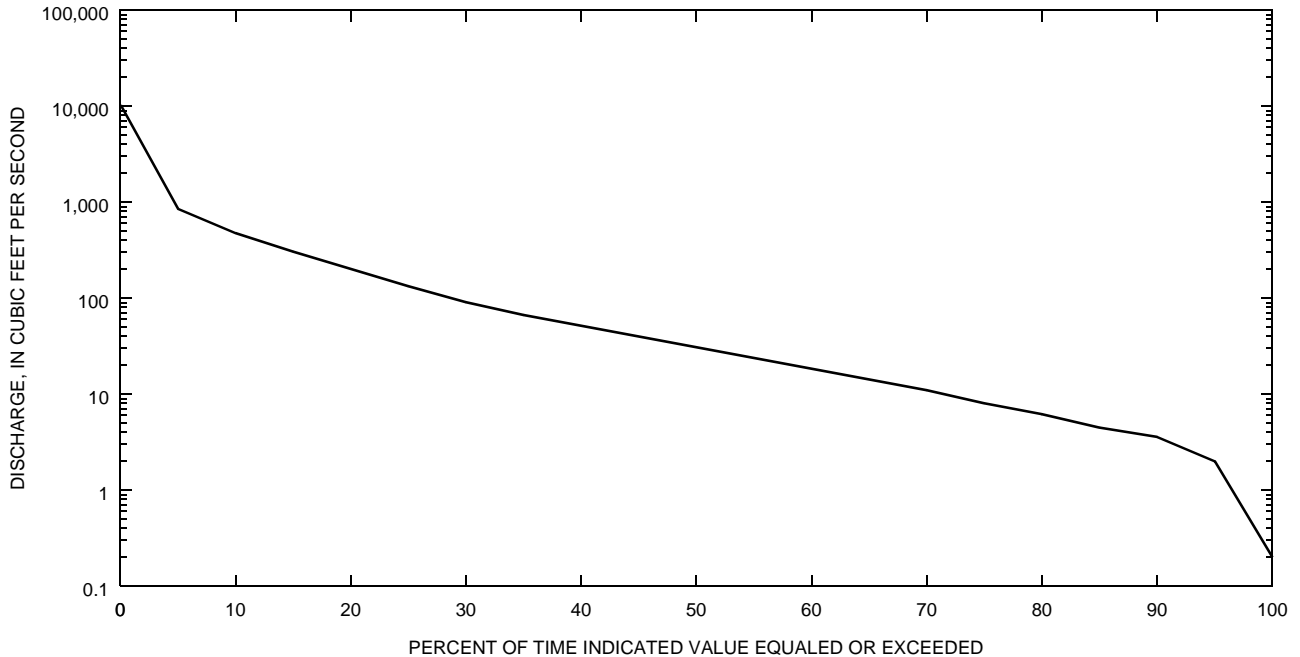
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
 FOR WATER YEARS 1950 - 1993**

ANNUAL MEAN	180	
HIGHEST ANNUAL MEAN	457	1970
LOWEST ANNUAL MEAN	9.66	1962
HIGHEST DAILY MEAN	10400	Sep 13 1964
LOWEST DAILY MEAN	.20	Jun 10 1955
ANNUAL SEVEN-DAY MINIMUM	.37	Jun 19 1955
INSTANTANEOUS PEAK FLOW	11400	Sep 12 1964
INSTANTANEOUS PEAK ELEVATION (FT)	99.13	Sep 12 1964
INSTANTANEOUS LOW FLOW	.20	Jun 10 1955
ANNUAL RUNOFF (INCHES/CFSM)	12.70/0.94	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1950-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1950-1993**



SUWANNEE RIVER BASIN  
02321000 NEW RIVER NEAR LAKE BUTLER, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1950-1993**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	90.62	84.88	87.43	1461	1.53	243.44
NOVEMBER	90.01	84.86	86.22	459.1	1.23	47.12
DECEMBER	90.98	84.88	86.44	780.8	2.01	101.38
JANUARY	91.00	85.01	87.35	606.9	5.64	137.43
FEBRUARY	91.15	84.99	88.34	642.8	4.28	259.02
MARCH	92.23	85.24	88.37	1491	7.82	289.42
APRIL	90.89	86.25	87.16	1014	2.52	144.45
MAY	90.56	84.53	86.16	800.7	1.16	113.29
JUNE	89.79	84.47	86.24	556.3	.847	83.35
JULY	89.99	84.73	87.28	518.7	3.55	158.87
AUGUST	90.62	84.60	88.07	772.1	2.51	269.79
SEPTEMBER	91.51	85.36	87.82	1845	4.20	291.43

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1950-1993**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT

95.0	84.7	84.6	84.8	84.8	84.8	85.1	84.8	84.5	84.4	84.3	84.6	84.6	84.6
90.0	84.7	84.6	84.8	84.8	84.8	85.4	85.1	84.8	84.4	84.3	84.6	84.9	85.0
85.0	84.7	85.0	84.8	84.8	85.0	85.7	85.4	85.0	84.4	84.6	84.9	85.1	85.0
80.0	85.1	85.0	85.0	85.1	85.3	86.0	85.4	85.0	84.7	84.6	85.1	85.4	85.4
75.0	85.1	85.4	85.0	85.1	85.5	86.3	85.7	85.3	84.7	84.6	85.3	85.4	85.8
70.0	85.1	85.4	85.0	85.1	85.8	86.3	86.0	85.3	84.7	84.6	85.3	85.6	85.8
65.0	85.5	85.7	85.3	85.1	85.8	86.9	86.6	85.6	84.7	84.9	85.8	86.2	86.2
60.0	85.5	86.1	85.3	85.3	86.0	86.9	86.9	85.9	84.7	84.9	86.1	87.0	86.6
55.0	85.9	86.5	85.5	85.6	86.2	87.3	87.5	86.2	85.0	85.2	86.3	87.3	86.6
50.0	86.3	86.5	85.7	85.6	86.5	87.6	88.2	86.2	85.0	85.2	86.6	87.8	87.0
45.0	86.3	86.9	85.7	85.6	86.7	88.2	88.8	86.5	85.4	85.5	87.0	88.4	87.4
40.0	86.7	87.2	86.0	85.8	86.9	88.8	89.1	86.7	85.4	85.5	87.3	88.6	87.8
35.0	87.1	87.6	86.0	85.8	87.2	89.1	89.7	87.3	85.7	85.7	87.8	89.2	88.2
30.0	88.0	88.0	86.2	86.1	87.4	89.8	90.0	87.6	86.0	86.3	88.3	89.7	89.0
25.0	88.8	88.7	86.4	86.4	88.2	90.1	90.4	88.5	86.0	86.9	88.8	90.0	89.4
20.0	89.6	89.9	86.7	86.9	89.1	90.4	90.7	89.4	86.6	87.8	89.5	90.6	90.3
15.0	90.1	90.7	86.9	88.7	89.9	90.8	91.0	90.0	87.9	88.3	90.3	90.9	90.3
10.0	90.9	91.4	87.4	90.3	90.4	91.1	91.6	90.9	90.1	89.5	90.6	91.1	91.1
5.0	91.4	91.8	89.1	91.4	91.4	91.7	92.3	91.5	91.4	90.4	91.1	92.0	91.5

DISCHARGE IN CUBIC FEET PER SECOND

95.0	2.0	2.4	3.0	3.2	4.8	4.8	6.2	2.1	1.4	0.6	1.7	3.2	3.9
90.0	3.5	3.5	3.8	4.5	5.8	7.3	7.7	2.7	1.8	1.1	2.8	4.8	5.3
85.0	4.4	4.4	3.8	4.9	7.9	15.6	10.5	3.4	1.8	2.0	5.3	6.4	9.8
80.0	6.1	5.8	5.6	5.5	11.5	21.2	14.1	5.3	2.3	2.7	8.5	11.6	16.2
75.0	8.0	10.1	6.5	6.6	14.3	25.9	17.6	7.4	2.3	2.7	11.2	18.8	22.1
70.0	11.0	14.5	7.7	7.2	16.5	31.9	21.8	9.2	3.1	3.8	15.9	27.4	28.0
65.0	14.5	21.1	8.5	8.5	19.5	39.6	28.0	12.1	3.1	4.3	23.8	40.5	34.3
60.0	18.7	28.9	10.8	10.5	23.2	47.6	40.5	14.6	4.3	5.3	31.0	56.1	41.1
55.0	23.8	37.1	13.2	13.1	28.8	58.0	54.9	19.0	4.8	7.2	39.8	75.8	49.1
50.0	30.0	44.9	15.4	14.6	35.2	71.0	74.9	25.3	5.9	9.5	50.9	103.2	59.5
45.0	38.7	52.3	18.3	16.0	43.5	88.4	103.3	32.4	7.8	12.1	63.3	127.9	77.6
40.0	50.6	62.4	21.2	18.6	51.4	126.3	135.2	41.2	10.1	16.0	78.5	160.3	96.0
35.0	66.9	74.8	24.1	21.4	60.4	173.5	188.5	52.5	15.3	21.5	98.7	199.7	127.1
30.0	91.2	99.0	28.1	24.1	73.1	223.8	233.5	66.9	21.1	33.1	126.8	240.1	176.0
25.0	133.7	150.1	32.7	28.3	92.7	279.6	292.5	92.2	27.8	53.7	187.0	309.9	238.5
20.0	203.8	251.0	38.5	40.1	141.6	372.4	357.8	147.3	40.2	80.7	262.6	396.0	321.3
15.0	304.5	414.5	47.9	103.5	214.4	473.6	506.0	239.4	64.8	119.0	356.5	519.3	430.4
10.0	475.4	731.7	70.0	268.3	330.4	628.6	764.6	421.5	236.1	189.9	468.3	718.0	617.5
5.0	850.8	1183.4	154.3	632.7	624.6	1005.6	1266.9	751.0	655.6	373.6	705.9	1184.4	1174.0

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1		3		7		14		30		60		90		120		183	
	1951 1952	84.5	4	84.5	4	84.5	4	84.6	3	84.6	3	84.8	4	84.8	4	84.9	2	85.1
1953 1954	84.6	6	84.6	6	84.6	5	84.6	7	84.9	9	85.1	10	85.3	9	85.9	10	87.5	13
1954 1955	84.3	1	84.3	1	84.4	1	84.4	1	84.5	1	84.6	2	84.6	1	84.6	1	85.2	3
1955 1956	84.3	2	84.3	2	84.4	2	84.4	2	84.5	2	84.5	1	84.6	2	85.0	4	85.3	5
1956 1957	84.5	3	84.5	3	84.5	3	84.6	4	84.7	5	85.0	6	85.1	6	85.1	6	86.0	7
1958 1959	84.6	9	84.6	8	84.7	8	84.7	9	84.8	8	85.0	7	85.2	8	85.8	8	86.5	9
1960 1961	84.7	11	84.8	11	84.8	11	84.9	12	85.0	11	85.5	15	85.7	13	86.4	13	87.4	12
1961 1962	84.6	8	84.6	9	84.7	9	84.7	10	84.9	10	85.1	8	85.1	7	85.1	5	85.2	4
1962 1963	84.5	5	84.6	5	84.6	6	84.6	6	84.6	4	84.7	3	84.8	3	84.9	3	85.2	2
1963 1964	84.6	7	84.6	7	84.6	7	84.6	5	84.7	6	84.8	5	85.0	5	86.2	12	87.3	11
1964 1965	84.8	12	84.8	12	84.8	12	84.9	11	85.0	12	85.2	11	86.4	15	86.5	14	87.6	14
1965 1966	84.6	10	84.7	10	84.7	10	84.7	8	84.8	7	85.1	9	86.0	14	86.7	15	87.7	15
1969 1970	84.9	13	84.9	13	84.9	13	85.1	13	85.2	14	85.4	14	85.7	12	86.0	11	87.2	10
1970 1971	85.0	14	85.0	14	85.0	14	85.1	14	85.2	13	85.3	12	85.5	11	85.9	9	86.3	8
1993 1994	85.3	15	85.3	15	85.3	15	85.3	15	85.3	15	85.3	13	85.4	10	85.7	7	85.8	6

SUWANNEE RIVER BASIN  
02321000 NEW RIVER NEAR LAKE BUTLER, FL--Continued

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183									
1951	1951	95.2	4	94.8	4	94.0	3	92.4	6	90.3	13	88.7	13	87.9	14	87.5	14	87.1	13
1952	1952	91.6	15	91.5	15	91.1	15	90.9	15	89.5	14	88.1	14	87.4	15	87.3	15	86.9	15
1954	1954	93.6	10	93.2	10	92.7	9	91.9	10	91.5	5	89.8	10	89.3	9	89.2	6	88.1	8
1955	1955	90.5	17	90.1	17	89.8	17	88.7	17	87.6	17	86.5	17	86.1	17	85.8	17	85.6	17
1956	1956	91.4	16	91.1	16	91.1	16	90.5	16	88.5	16	87.1	16	86.9	16	86.5	16	86.2	16
1957	1957	94.2	7	94.0	7	92.9	8	91.5	13	89.5	15	88.1	15	88.2	13	87.9	12	87.1	14
1960	1960	94.8	6	94.5	5	93.4	6	91.8	11	91.3	6	90.3	5	90.1	3	89.2	7	88.7	5
1961	1961	92.9	12	92.6	12	92.4	11	92.3	7	90.5	12	90.0	8	89.2	10	88.4	10	87.8	9
1962	1962	88.6	18	88.0	18	87.0	18	86.0	18	85.7	18	85.6	18	85.4	18	85.4	18	85.3	18
1963	1963	92.3	14	92.0	14	91.7	14	91.2	14	90.9	9	90.3	6	89.6	7	88.6	9	87.4	11
1964	1964	98.6	1	98.0	1	96.1	1	93.5	1	91.7	3	91.0	3	89.9	5	89.4	5	88.5	6
1965	1965	93.0	11	92.9	11	92.2	12	91.9	9	91.2	7	90.3	7	89.7	6	89.8	4	88.8	4
1966	1966	94.1	8	93.8	8	93.1	7	92.5	5	91.6	4	90.9	4	90.0	4	89.9	3	89.3	3
1969	1969	92.6	13	92.4	13	92.1	13	91.7	12	90.6	11	89.9	9	88.7	11	88.1	11	87.5	10
1970	1970	95.7	3	95.3	3	93.9	4	92.6	4	91.8	2	91.4	1	91.1	1	90.9	1	90.4	1
1971	1971	93.8	9	93.5	9	92.6	10	92.1	8	91.0	8	89.3	12	88.6	12	87.8	13	87.2	12
1991	1991	94.8	5	94.3	6	93.8	5	92.9	3	91.8	1	91.3	2	90.9	2	90.6	2	90.1	2
1993	1993	98.0	2	97.2	2	94.9	2	92.9	2	90.7	10	89.6	11	89.3	8	88.6	8	88.4	7

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183									
1950	1951	1.50	9	1.57	9	1.80	9	2.31	10	2.80	9	12.8	19	10.7	10	25.6	11	184	19
1951	1952	.70	3	.70	3	.77	3	.81	3	1.41	3	2.84	3	3.06	3	5.07	2	9.39	2
1952	1953	1.50	10	1.83	11	2.50	16	3.15	16	4.51	15	5.30	8	12.7	12	12.7	7	32.9	7
1953	1954	.70	4	.70	4	.77	4	1.10	4	3.59	12	8.56	14	12.0	11	43.1	15	270	20
1954	1955	.30	2	.33	2	.41	2	.59	2	.92	2	1.72	2	2.15	2	2.55	1	16.1	5
1955	1956	.20	1	.23	1	.37	1	.54	1	.81	1	.98	1	1.83	1	6.72	4	11.2	4
1956	1957	1.00	5	1.00	5	1.20	5	1.78	6	2.48	6	5.36	9	6.46	6	7.72	6	65.5	10
1957	1958	2.00	14	2.10	15	2.49	15	3.02	15	4.61	16	11.3	16	14.6	14	26.1	12	53.2	9
1958	1959	2.00	15	2.00	13	2.16	11	2.75	12	3.70	13	6.53	11	10.4	9	28.3	14	73.1	11
1959	1960	9.60	21	10.2	21	12.9	21	15.9	21	21.1	21	21.7	21	27.9	18	48.8	17	140	15
1960	1961	1.30	7	1.63	10	2.33	13	3.69	17	4.42	14	11.6	17	16.2	15	50.1	18	159	16
1961	1962	1.50	11	1.53	8	1.70	7	2.20	8	3.57	11	6.48	10	6.27	5	6.97	5	8.04	1
1962	1963	1.40	8	1.43	7	1.51	6	1.65	5	2.07	4	3.43	4	3.49	4	5.93	3	10.7	3
1963	1964	1.80	12	1.87	12	2.13	10	2.21	9	2.71	7	4.77	7	8.07	7	86.5	20	175	18
1964	1965	2.30	16	2.40	17	2.61	17	2.91	14	4.85	17	7.98	13	67.0	21	103	21	308	21
1965	1966	1.20	6	1.33	6	1.70	8	1.84	7	2.44	5	6.76	12	44.0	20	81.2	19	169	17
1966	1967	7.10	20	7.53	20	7.63	20	7.89	20	8.74	19	12.7	18	32.7	19	45.2	16	106	14
1967	1968	2.30	17	2.37	16	2.44	14	2.89	13	3.54	10	3.80	6	8.21	8	15.5	8	18.7	6
1968	1969	1.90	13	2.07	14	2.26	12	2.54	11	2.76	8	3.50	5	21.8	17	25.0	10	95.7	12
1969	1970	5.10	19	5.30	19	5.77	19	7.81	19	10.4	20	12.9	20	18.2	16	27.4	13	96.2	13
1970	1971	4.40	18	4.43	18	4.84	18	5.95	18	7.29	18	9.85	15	12.8	13	22.7	9	39.6	8

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183									
1951	1951	4540	6	3957	6	2916	6	1667	7	919	9	496	12	339	14	261	15	186	14
1952	1952	750	20	710	20	560	20	466	20	293	20	169	20	122	20	116	20	87.1	20
1953	1953	2430	14	2367	13	1921	11	1250	12	781	12	519	10	351	12	267	12	270	11
1954	1954	2550	13	2217	14	1756	13	1153	14	868	10	494	13	467	10	413	9	280	10
1955	1955	352	22	280	22	246	22	161	22	101	22	57.2	22	40.4	22	31.5	22	28.6	22
1956	1956	714	21	546	21	529	21	402	21	222	21	121	21	102	21	80.7	21	65.5	21
1957	1957	2990	11	2823	11	1902	12	1049	16	562	17	307	19	256	19	207	18	143	19
1958	1958	1300	19	1153	18	1055	18	897	17	620	16	452	14	334	15	264	13	229	13
1959	1959	4740	5	4200	5	3403	4	2147	4	1534	2	929	3	883	1	749	2	604	2
1960	1960	4290	7	3917	7	2604	8	1417	10	1031	7	670	8	483	9	370	10	378	6
1961	1961	2010	16	1737	16	1541	15	1429	9	804	11	654	9	462	11	353	11	261	12
1962	1962	120	23	94.0	23	59.6	23	30.8	23	22.5	23	19.8	23	16.0	23	13.2	23	11.3	23
1963	1963	1340	18	1037	19	883	19	685	19	558	18	421	16	346	13	264	14	175	17
1964	1964	10400	1	9390	1	6487	1	3448	1	1883	1	1043	1	707	4	532	4	469	4
1965	1965	2030	15	1953	15	1363	16	1112	15	777	13	500	11	488	8	445	6	310	8
1966	1966	3410	10	3023	10	2181	10	1599	8	1022	8	746	7	540	6	501	5	413	5
1967	1967	3430	9	3310	9	2192	9	1257	11	689	15	380	18	266	18	203	19	179	15
1968	1968	6650	3	5843	3	4220	3	2299	3	1282	4	789	5	546	5	426	7	280	9
1969	1969	1520	17	1343	17	1099	17	871	18	531	19	430	15	299	16	229	16	178	16
1970	1970	5520	4	4940	4	3123	5	1819	6	1048	6	931	2	821	2	801	1	651	1
1971	1971	2790	12	2377	12	1586	14	1171	13	711	14	391	17	284	17	216	17	154	18
1991	1991	4120	8	3487	8	2766	7	1871	5	1171	5	898	4	770	3	668	3	517	3
1993	1993	9690	2	8500	2	5344	2	2874	2	1508	3	769	6	520	7	415	8	358	7

**SUWANNEE RIVER BASIN**  
 02321500 SANTA FE RIVER AT WORTHINGTON SPRINGS, FL

LOCATION.--Lat 29°55'18", long 82°25'35", in SE<sup>1</sup>/<sub>4</sub> sec.32, T.6 S., R.19 E., Alachua County, Hydrologic Unit 03110206, near center of span on downstream side of bridge on State Highway 121, 0.5 mi south of Worthington Springs, 0.8 mi downstream from New River, and 51 mi upstream from mouth.

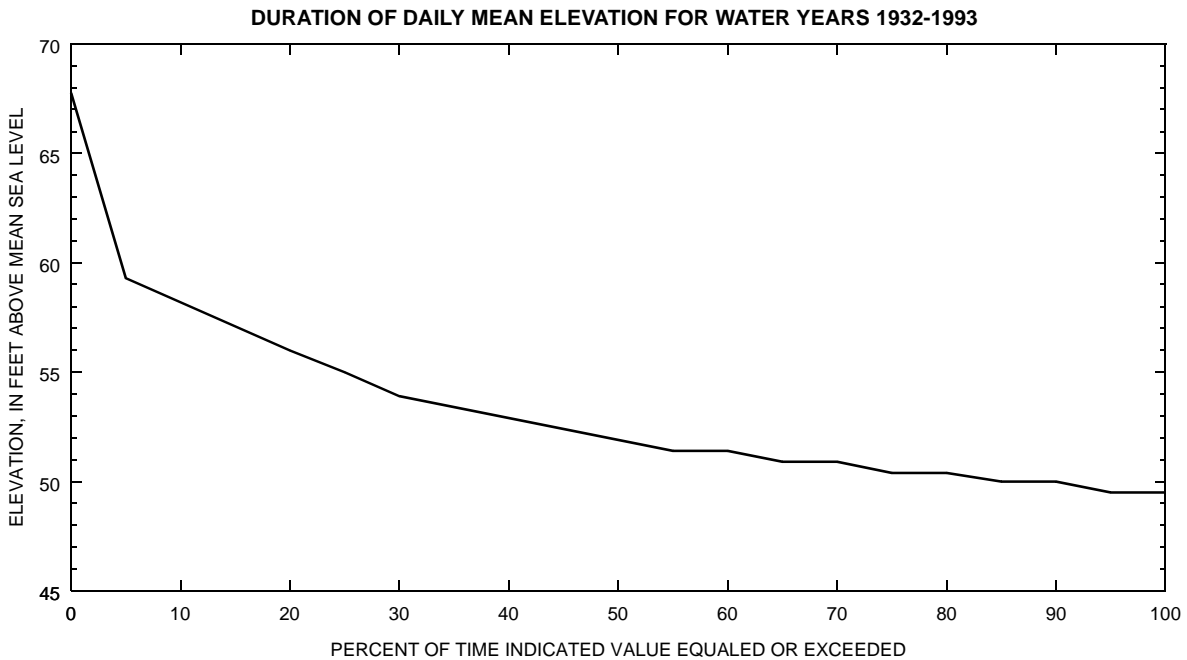
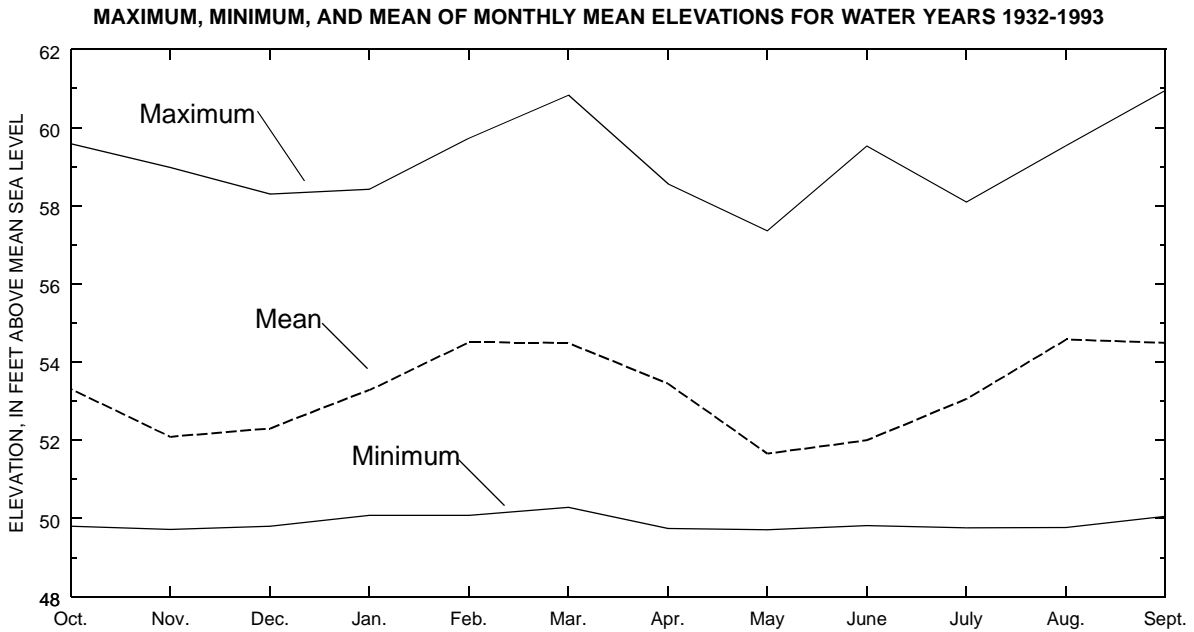
DRAINAGE AREA.--575 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1931 to 1993. Published as "near Worthington" prior to October 1965. Monthly discharge only for October 1931, published in WSP 1304.

REVISED RECORDS.--WSP 2105: WDR FL-76-4: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 42.74 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Jan. 16, 1939, nonrecording gage at site 0.2 mi downstream at present datum; Jan. 16, 1939 to July 23, 1953, nonrecording gage at present site and datum.

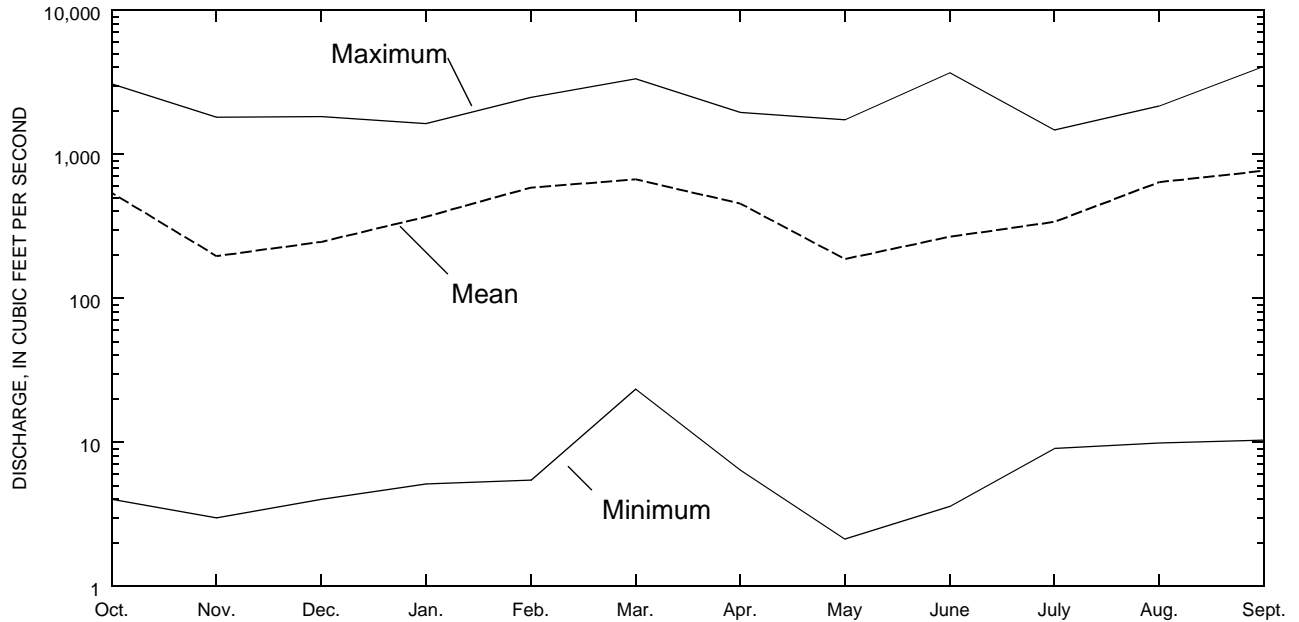
REMARKS.--Records good, except estimated periods which are fair. Records do not include diversions,during periods of high stages, from Santa Fe Lake to Lochloosa Creek in St. Johns River Basin.



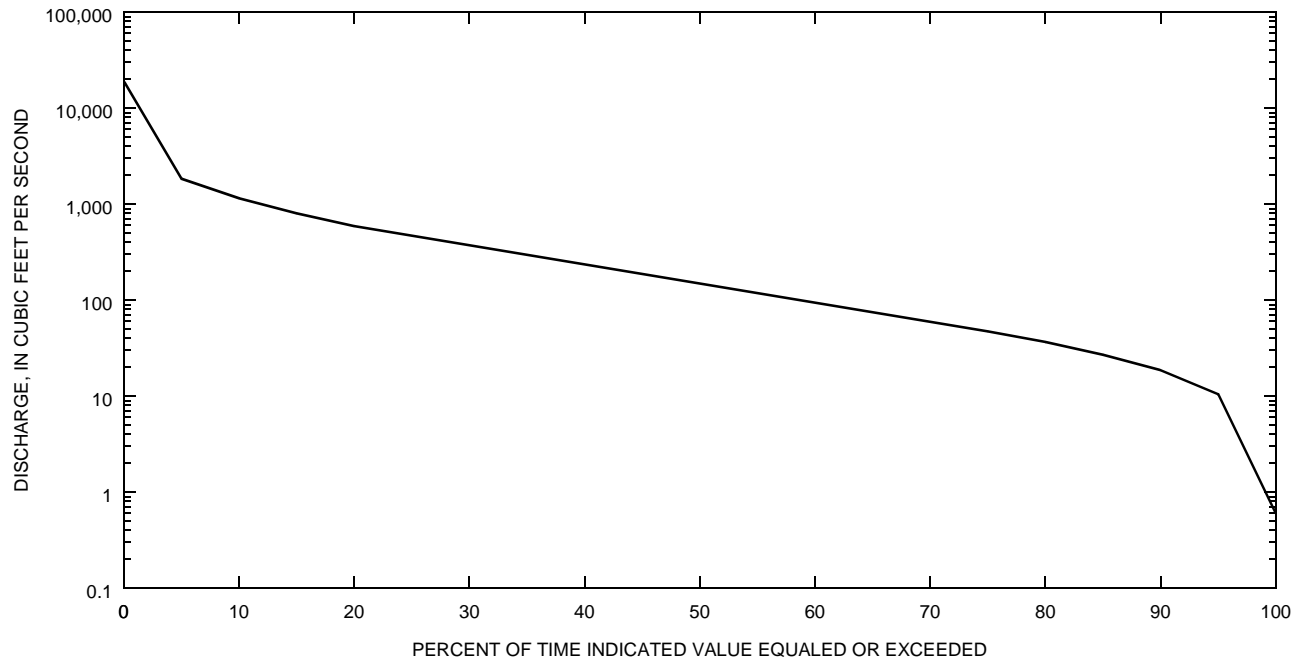
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
 FOR WATER YEARS 1932 - 1993**

ANNUAL MEAN	437	
HIGHEST ANNUAL MEAN	1163	1948
LOWEST ANNUAL MEAN	54.8	1956
HIGHEST DAILY MEAN	19000	Sep 13 1964
LOWEST DAILY MEAN	.60	Jun 24 1955
ANNUAL SEVEN-DAY MINIMUM	1.3	Jun 20 1955
INSTANTANEOUS PEAK FLOW	20000	Sep 13 1964
INSTANTANEOUS PEAK ELEVATION (FT)	71.14	Sep 13 1964
INSTANTANEOUS LOW FLOW	.50	Jun 24 1955
ANNUAL RUNOFF (INCHES/CFSM)	10.33/0.76	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1932-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1932-1993**



SUWANNEE RIVER BASIN  
02321500 SANTA FE RIVER AT WORTHINGTON SPRINGS, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1932-1993**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	59.57	49.80	53.31	3043	4.00	539
NOVEMBER	58.96	49.72	52.09	1788	2.98	196
DECEMBER	58.28	49.80	52.30	1801	4.00	246
JANUARY	58.40	50.08	53.29	1607	5.12	368
FEBRUARY	59.72	50.08	54.51	2461	5.44	586
MARCH	60.81	50.28	54.49	3303	23.4	668
APRIL	58.54	49.74	53.45	1927	6.41	454
MAY	57.34	49.71	51.66	1716	2.13	187
JUNE	59.51	49.82	52.00	3646	3.58	267
JULY	58.08	49.76	53.06	1459	9.05	339
AUGUST	59.52	49.77	54.58	2137	9.86	639
SEPTEMBER	60.93	50.06	54.49	4033	10.3	767

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1932-1993**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	49.5	49.6	49.7	49.7	50.1	49.9	50.3	49.9	49.5	49.5	49.8	50.3	50.2
90.0	50.0	50.1	50.0	50.1	50.5	50.3	50.3	49.9	49.9	49.5	50.2	50.7	50.6
85.0	50.0	50.1	50.0	50.1	50.5	50.8	50.7	49.9	49.9	50.0	50.2	51.0	50.6
80.0	50.4	50.6	50.3	50.4	50.5	51.2	50.7	50.3	49.9	50.0	50.4	51.4	51.1
75.0	50.4	50.6	50.3	50.4	50.8	51.6	51.2	50.7	49.9	50.0	50.4	51.8	51.6
70.0	50.9	51.1	50.6	50.4	50.8	52.0	51.6	50.7	50.3	50.0	50.8	52.1	52.0
65.0	50.9	51.1	50.6	50.8	51.2	52.4	51.6	51.1	50.3	50.4	51.1	52.5	52.5
60.0	51.4	51.1	50.9	50.8	51.5	52.9	52.1	51.5	50.3	50.4	51.4	52.9	53.0
55.0	51.4	51.5	50.9	51.1	51.5	53.3	53.0	51.9	50.7	50.4	51.7	53.3	53.4
50.0	51.9	52.0	51.3	51.5	51.9	53.8	53.5	52.4	50.7	50.4	52.3	54.0	53.4
45.0	52.4	52.5	51.6	51.5	52.6	54.2	54.4	52.8	51.1	50.9	52.7	54.4	53.9
40.0	52.9	53.0	51.6	51.8	52.9	54.7	54.9	53.6	51.1	50.9	53.0	54.8	54.4
35.0	53.4	53.5	51.9	51.8	53.7	55.1	55.9	54.0	51.5	51.4	53.6	55.6	54.9
30.0	53.9	54.0	52.3	52.2	54.0	56.0	56.4	54.5	51.9	51.8	54.3	56.4	55.4
25.0	55.0	55.1	52.6	52.9	54.8	56.9	57.4	55.3	52.3	52.3	54.6	57.2	56.4
20.0	56.0	55.6	53.0	53.6	55.5	57.4	57.9	56.2	52.7	53.8	55.3	57.6	56.9
15.0	57.1	56.6	53.7	54.8	56.7	57.9	58.4	57.1	53.1	54.8	56.3	58.4	57.9
10.0	58.2	58.3	54.7	56.3	57.8	58.4	59.4	58.0	53.9	56.3	57.0	58.8	59.0
5.0	59.3	59.9	57.2	57.8	58.6	59.3	59.9	59.4	56.5	57.9	58.4	59.7	60.1
DISCHARGE IN CUBIC FEET PER SECOND													
95.0	10.5	11.1	11.7	11.5	16.5	24.4	27.9	10.0	5.0	4.3	9.2	22.9	26.5
90.0	18.7	22.9	18.8	17.9	26.9	39.3	38.8	17.5	8.2	7.4	16.9	44.2	49.1
85.0	27.0	35.0	23.1	24.2	43.3	56.8	51.3	23.8	11.5	10.8	26.1	65.9	75.7
80.0	36.6	44.3	27.6	30.7	53.3	79.0	63.7	32.8	15.1	14.8	35.1	97.1	103.3
75.0	47.1	54.4	33.6	37.6	61.2	113.6	80.6	43.3	18.7	18.8	47.1	126.5	136.8
70.0	58.6	65.1	39.1	45.0	71.0	146.1	99.2	58.4	22.8	23.7	56.7	155.6	172.3
65.0	72.2	76.9	46.2	52.9	83.4	177.3	122.3	74.5	27.9	29.1	69.7	189.0	211.3
60.0	89.2	93.6	54.2	61.8	99.2	213.1	156.3	92.1	34.4	34.8	88.7	232.9	256.1
55.0	113.5	115.4	63.8	71.3	122.6	253.5	200.7	115.1	42.4	41.3	131.7	286.0	300.8
50.0	143.3	144.5	75.8	82.1	150.7	302.0	264.9	148.0	51.6	48.2	174.7	348.9	345.9
45.0	179.4	183.6	90.9	96.8	187.4	357.3	343.2	192.4	61.6	55.7	213.7	422.4	403.8
40.0	227.5	232.5	109.6	114.6	232.0	420.8	426.2	245.4	74.1	64.8	265.4	502.6	462.9
35.0	289.6	286.5	130.1	133.7	274.9	505.2	520.7	310.9	89.7	82.1	319.8	591.0	539.3
30.0	367.9	358.8	158.2	158.9	342.9	648.2	634.9	396.1	110.9	112.9	381.6	741.4	620.2
25.0	466.7	452.9	193.5	201.3	417.7	791.1	782.2	495.0	140.5	167.8	461.4	881.8	756.4
20.0	592.7	559.7	235.9	283.7	538.4	956.7	991.5	648.0	184.4	256.1	549.2	1091.4	949.8
15.0	803.3	806.5	291.7	438.7	712.6	1168.5	1318.2	879.0	234.2	424.0	681.4	1312.5	1274.2
10.0	1155.8	1291.6	406.4	621.0	1008.5	1472.7	1823.2	1236.3	343.6	655.8	866.5	1637.7	1806.3
5.0	1840.0	2328.3	840.3	1118.6	1519.8	2006.3	2477.5	1937.4	741.5	1156.4	1281.3	2166.6	2724.4

SUWANNEE RIVER BASIN  
02321500 SANTA FE RIVER AT WORTHINGTON SPRINGS, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1947 1948	50.3 16	50.5 18	50.6 20	50.6 19	51.1 22	51.6 21	51.5 18	51.8 17	52.8 16
1948 1949	50.5 19	50.5 19	50.6 19	50.6 18	50.7 18	51.0 18	51.6 19	53.0 21	54.2 22
1949 1950	50.1 10	50.1 10	50.2 10	50.2 10	50.4 12	50.6 12	50.8 8	51.1 9	52.1 9
1958 1959	50.0 8	50.0 8	50.0 8	50.1 8	50.3 8	50.6 9	50.9 11	51.5 14	52.5 11
1960 1961	50.3 18	50.3 17	50.5 17	50.6 20	50.8 20	51.8 22	52.2 20	52.9 19	54.1 21
1961 1962	49.8 4	49.8 4	49.9 4	50.0 4	50.2 7	50.6 11	50.6 6	50.7 4	50.9 3
1965 1966	50.1 11	50.1 11	50.2 11	50.2 9	50.3 9	51.0 19	52.3 22	53.1 22	54.4 23
1969 1970	50.3 15	50.3 15	50.3 15	50.4 15	50.6 16	50.8 16	51.0 14	51.4 13	52.7 15
1970 1971	50.7 22	50.7 22	50.7 21	50.7 21	50.8 19	50.9 17	51.2 16	51.4 12	51.9 8
1971 1972	50.0 9	50.1 9	50.1 9	50.3 14	50.5 14	50.6 13	50.8 10	51.1 8	52.6 13
1972 1973	50.6 21	50.6 21	50.7 22	50.7 22	50.9 21	51.4 20	52.3 21	53.0 20	53.8 20
1973 1974	50.3 17	50.3 16	50.3 16	50.3 13	50.4 13	50.6 10	51.1 15	51.2 10	51.3 4
1974 1975	50.2 14	50.2 14	50.3 14	50.4 16	50.5 15	50.7 14	51.0 13	51.7 16	52.6 14
1977 1978	49.6 2	49.8 3	49.8 3	49.9 3	50.0 2	50.0 2	50.1 2	50.1 2	51.4 5
1978 1979	50.2 13	50.2 13	50.2 13	50.2 11	50.3 10	50.5 7	50.7 7	51.0 7	52.5 12
1979 1980	50.2 12	50.2 12	50.2 12	50.3 12	50.4 11	50.5 8	51.3 17	52.0 18	53.2 17
1980 1981	49.9 5	49.9 5	49.9 5	50.0 5	50.1 5	50.1 3	50.1 3	50.1 1	50.6 2
1981 1982	49.5 1	49.5 1	49.6 1	49.6 1	49.6 1	49.7 1	49.8 1	50.1 3	50.6 1
1983 1984	50.8 23	50.8 23	50.9 23	51.1 23	51.8 23	53.1 23	53.5 23	53.6 23	53.8 19
1985 1986	49.6 3	49.7 2	49.7 2	49.8 2	50.0 3	50.2 6	50.8 9	51.3 11	53.7 18
1988 1989	49.9 7	49.9 7	50.0 7	50.0 7	50.1 6	50.2 5	50.3 5	50.7 6	51.7 7
1989 1990	49.9 6	49.9 6	49.9 6	50.0 6	50.1 4	50.1 4	50.3 4	50.7 5	51.5 6
1991 1992	50.5 20	50.5 20	50.5 18	50.6 17	50.6 17	50.7 15	50.9 12	51.6 15	52.4 10

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1934 1934	67.3 1	66.8 1	65.1 1	62.4 1	59.5 10	57.3 16	57.1 12	56.2 13	54.5 15
1938 1938	63.4 10	63.1 9	62.0 10	60.1 16	57.5 21	55.4 23	54.6 23	54.6 20	54.1 18
1948 1948	67.2 2	66.6 2	64.6 2	62.2 3	60.6 2	59.3 2	58.6 2	57.7 3	58.0 2
1949 1949	63.8 8	63.0 10	62.1 9	60.4 14	57.6 20	55.2 24	54.7 22	54.4 22	54.2 17
1950 1950	66.7 3	65.9 3	64.0 4	61.0 8	57.4 22	54.8 25	54.7 21	53.5 24	52.4 25
1956 1956	55.5 29	55.3 29	55.2 28	54.4 28	52.7 29	51.7 29	51.5 29	51.1 29	50.9 29
1958 1958	59.8 25	59.7 24	59.5 24	59.3 24	58.6 16	57.5 15	56.2 17	55.3 16	55.1 13
1959 1959	64.9 5	64.7 5	64.2 3	62.3 2	60.9 1	59.1 3	58.2 3	58.1 2	57.5 3
1961 1961	62.0 15	61.5 15	60.7 18	60.5 13	59.0 12	58.3 8	56.7 15	55.3 15	54.3 16
1962 1962	56.5 27	55.8 28	54.7 29	54.0 29	52.9 28	52.8 28	52.2 28	51.8 28	51.2 28
1965 1965	61.6 17	61.4 18	60.8 16	60.3 15	59.6 6	58.3 9	57.6 6	57.5 4	56.4 6
1966 1966	63.6 9	63.2 8	62.7 8	61.4 5	60.3 3	58.8 4	57.2 8	57.2 6	56.8 4
1969 1969	60.3 23	60.2 23	59.9 22	59.3 23	57.7 19	56.8 18	55.3 19	54.4 21	53.9 20
1970 1970	66.4 4	65.9 4	64.0 5	62.0 4	59.6 7	59.4 1	59.0 1	59.1 1	58.2 1
1971 1971	60.8 21	60.6 21	59.9 23	59.4 21	58.4 17	55.7 21	54.3 25	53.4 25	52.8 24
1972 1972	62.4 14	62.1 14	61.7 14	60.6 10	58.9 14	57.6 14	56.9 13	56.5 11	56.2 7
1973 1973	63.8 7	63.5 7	62.7 7	61.3 6	59.1 11	57.9 12	57.7 5	57.1 7	56.0 8
1974 1974	61.0 19	60.9 19	60.5 19	60.0 18	59.6 8	58.7 6	57.2 10	56.4 12	55.0 14
1975 1975	61.0 20	60.6 20	60.0 21	59.4 22	57.3 23	55.5 22	54.5 24	54.0 23	53.2 23
1977 1977	59.8 24	59.6 25	59.0 25	57.9 25	57.1 24	56.7 19	56.0 18	55.2 17	54.0 19
1978 1978	63.1 13	62.8 13	62.0 11	60.8 9	59.6 9	58.2 10	57.2 11	56.6 9	55.7 11
1979 1979	60.6 22	60.5 22	60.0 20	59.6 19	57.1 25	56.0 20	55.2 20	55.0 19	53.8 21
1980 1980	63.3 11	63.0 11	61.7 13	60.1 17	59.0 13	57.7 13	57.2 9	56.6 10	55.8 10
1981 1981	59.1 26	58.7 26	58.3 26	56.5 26	55.2 26	54.2 26	53.0 26	52.3 26	51.6 27
1983 1983	61.6 18	61.4 16	61.3 15	60.5 12	59.8 5	58.7 5	57.9 4	56.7 8	55.8 9
1985 1985	64.1 6	63.7 6	62.8 6	61.1 7	59.9 4	58.5 7	56.7 16	55.1 18	53.7 22
1986 1986	61.6 16	61.4 17	60.7 17	59.5 20	57.7 18	57.0 17	56.7 14	55.7 14	55.5 12
1989 1989	56.3 28	56.3 27	56.0 27	54.8 27	54.3 27	53.2 27	52.7 27	52.1 27	51.7 26
1991 1991	63.1 12	62.8 12	61.9 12	60.5 11	58.7 15	58.0 11	57.5 7	57.3 5	56.8 5

SUWANNEE RIVER BASIN  
02321500 SANTA FE RIVER AT WORTHINGTON SPRINGS, FL--Continued

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183
1932	1933	1.30 4	1.37 3	1.49 2	1.64 1	1.75 1	3.55 1	21.9 13	23.7 6	132 25
1933	1934	9.00 26	10.3 28	12.0 28	15.9 29	16.7 24	17.5 17	19.8 12	26.2 7	41.0 3
1934	1935	5.50 17	6.90 21	8.96 22	13.4 27	16.3 22	18.2 18	28.2 19	31.0 12	42.2 4
1935	1936	1.90 6	2.00 6	2.44 6	3.09 4	3.43 3	3.57 2	4.09 1	26.3 8	328 41
1936	1937	5.10 15	5.63 15	6.36 17	7.81 14	18.9 27	25.4 26	32.4 22	56.4 21	64.5 12
1937	1938	10.0 28	10.3 29	10.9 27	11.9 23	16.4 23	34.7 33	80.6 43	128 41	465 49
1938	1939	3.30 11	4.33 13	6.19 14	8.36 16	9.13 13	23.0 21	36.0 23	56.5 22	125 23
1939	1940	10.0 29	10.3 30	12.1 29	15.2 28	28.9 41	31.3 30	46.8 32	64.5 24	149 27
1940	1941	8.10 23	9.23 24	9.76 23	9.79 20	10.6 17	13.1 10	28.0 18	91.3 35	187 29
1941	1942	1.90 7	2.13 7	3.43 7	3.74 7	9.35 14	24.9 25	114 48	296 58	291 39
1942	1943	18.0 40	19.0 42	21.4 46	22.9 42	25.5 35	33.1 32	37.0 24	36.2 15	64.3 11
1943	1944	5.60 18	6.10 18	7.33 20	10.1 21	11.4 18	14.0 12	19.0 11	29.8 11	59.1 9
1944	1945	18.0 41	19.3 44	21.3 45	30.4 50	37.7 50	56.8 48	154 55	286 56	579 56
1945	1946	2.80 9	3.73 10	4.11 10	4.53 9	6.77 9	15.4 15	18.5 10	81.9 30	358 44
1946	1947	34.0 57	37.0 56	42.6 57	46.9 56	51.5 55	68.0 51	130 51	223 51	540 53
1947	1948	27.0 51	39.3 58	45.4 58	49.4 57	92.0 59	134 58	129 50	170 47	568 55
1948	1949	17.0 38	18.0 39	22.9 47	26.7 47	37.5 49	55.9 47	109 47	330 60	581 57
1949	1950	13.0 32	14.3 33	18.4 37	21.6 40	35.8 48	49.1 42	58.9 36	85.8 32	195 31
1950	1951	2.60 8	2.83 8	3.60 8	4.62 10	7.75 11	20.2 20	22.5 14	158 45	542 54
1951	1952	3.10 10	3.27 9	3.99 9	4.39 8	6.74 8	12.4 8	18.3 9	33.3 14	65.5 13
1952	1953	7.30 22	7.30 22	8.36 21	13.1 25	18.8 26	23.2 22	26.2 16	27.8 10	56.3 8
1953	1954	21.0 49	21.7 48	23.0 49	29.5 48	48.9 54	106 56	122 49	246 54	732 60
1954	1955	5.70 19	5.77 17	6.24 15	7.09 13	9.64 15	11.3 7	11.7 4	13.4 3	55.3 7
1955	1956	.60 1	.80 1	1.30 1	3.62 6	4.69 5	6.53 4	11.8 5	12.2 2	25.2 2
1956	1957	1.00 2	1.00 2	1.53 3	3.51 5	7.11 10	24.7 23	30.0 20	38.1 16	80.3 14
1957	1958	16.0 36	16.3 36	18.0 36	19.3 34	24.9 34	51.4 44	81.6 44	113 39	182 28
1958	1959	16.0 37	16.7 37	17.9 35	22.3 41	30.6 43	49.3 43	78.8 42	129 42	266 37
1959	1960	81.0 61	81.7 61	84.9 61	95.9 61	128 61	138 59	178 58	220 50	490 52
1960	1961	30.0 53	32.7 53	38.4 54	49.4 58	60.4 56	121 57	148 54	233 52	469 50
1961	1962	13.0 33	13.7 32	14.1 32	16.8 30	24.8 33	44.1 41	46.2 31	47.9 19	63.0 10
1962	1963	3.90 12	4.10 11	4.41 11	4.65 11	6.55 7	13.2 11	27.1 17	47.4 18	110 20
1963	1964	8.80 25	10.0 25	10.2 24	11.0 22	16.8 25	19.1 19	31.8 21	169 46	330 43
1964	1965	18.0 42	18.3 41	19.4 39	20.1 36	23.6 31	41.3 38	173 57	296 59	889 61
1965	1966	11.0 31	11.3 31	12.1 30	13.2 26	21.3 29	58.5 50	190 59	280 55	476 51
1966	1967	50.0 59	50.7 59	52.1 59	52.7 59	61.6 57	80.8 54	138 53	188 49	392 47
1967	1968	9.70 27	10.2 27	13.2 31	18.0 32	20.0 28	28.4 27	42.5 29	91.4 36	95.3 16
1968	1969	6.20 21	6.33 19	7.06 19	8.86 19	10.2 16	14.4 13	38.3 25	74.2 27	329 42
1969	1970	19.0 44	19.7 45	20.7 44	23.0 43	31.7 45	43.7 40	58.2 34	88.9 34	224 34
1970	1971	31.0 54	31.0 52	31.4 52	32.3 52	33.9 47	41.6 39	52.4 33	72.5 26	112 21
1971	1972	8.30 24	8.87 23	10.5 25	18.6 33	22.6 30	29.3 28	39.7 26	56.8 23	290 38
1972	1973	33.0 56	34.0 55	37.9 53	39.0 53	48.6 53	75.6 53	160 56	243 53	448 48
1973	1974	19.0 45	19.7 46	20.3 42	21.1 39	23.6 32	32.9 31	68.3 39	75.1 28	85.1 15
1974	1975	17.0 39	17.3 38	19.4 40	24.5 44	27.9 39	37.2 36	58.6 35	110 38	195 30
1975	1976	27.0 52	27.7 51	28.4 51	29.8 49	33.4 46	57.0 49	83.5 45	139 43	239 36
1976	1977	15.0 34	15.3 35	17.1 34	19.9 35	29.1 42	91.3 55	131 52	179 48	206 33
1977	1978	5.30 16	5.63 16	6.31 16	8.47 17	11.6 19	12.7 9	16.6 8	17.6 5	127 24
1978	1979	19.0 46	19.0 43	19.7 41	21.0 38	26.0 36	35.8 34	46.1 30	66.9 25	228 35
1979	1980	19.0 47	19.7 47	20.4 43	24.6 45	28.7 40	36.2 35	95.3 46	153 44	373 45
1980	1981	10.0 30	10.0 26	10.6 26	12.0 24	14.6 20	15.1 14	16.5 7	16.7 4	48.8 5
1981	1982	4.10 13	4.17 12	4.53 12	5.23 12	5.93 6	8.28 6	9.00 3	26.9 9	50.4 6
1982	1983	35.0 58	37.3 57	40.4 55	46.1 55	48.3 52	55.1 46	73.3 41	114 40	315 40
1983	1984	51.0 60	54.0 60	57.3 60	66.9 60	113 60	260 61	332 61	346 61	380 46
1984	1985	20.0 48	22.7 50	26.3 50	32.1 51	44.2 51	71.9 52	69.2 40	77.4 29	104 19
1985	1986	5.90 20	6.37 20	6.96 18	8.57 18	16.2 21	24.7 24	63.5 37	103 37	644 59
1986	1987	15.0 35	15.0 34	16.1 33	17.7 31	26.9 38	38.9 37	42.1 28	49.4 20	136 26
1987	1988	18.0 43	18.0 40	18.7 38	20.8 37	31.0 44	53.2 45	63.9 38	85.3 31	114 22
1988	1989	5.00 14	5.13 14	5.89 13	8.24 15	8.93 12	15.6 16	25.3 15	42.4 17	96.2 17
1989	1990	1.20 3	1.40 4	1.77 5	2.92 3	4.48 4	7.11 5	14.5 6	32.3 13	98.4 18
1990	1991	1.50 5	1.57 5	1.71 4	2.33 2	2.98 2	4.51 3	4.88 2	5.99 1	14.9 1
1991	1992	22.0 50	22.3 49	22.9 48	24.9 46	26.2 37	30.8 29	41.5 27	88.8 33	199 32
1992	1993	32.0 55	33.3 54	40.9 56	45.9 54	73.3 58	170 60	242 60	293 57	611 58

SUWANNEE RIVER BASIN  
02321500 SANTA FE RIVER AT WORTHINGTON SPRINGS, FL--Continued

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183
1932	1932	1540 55	1313 56	941 56	705 57	527 57	377 56	259 57	210 56	139 58
1933	1933	3120 41	3030 40	2409 42	1888 42	1241 44	760 47	583 47	458 48	447 41
1934	1934	16900 2	15400 2	11380 2	6459 2	3646 3	2109 6	1706 6	1360 8	916 13
1935	1935	10900 10	9440 10	6860 11	4767 9	3430 4	1929 8	1320 13	991 20	651 30
1936	1936	1780 53	1590 53	1349 53	1061 51	907 49	738 50	595 46	469 46	343 49
1937	1937	7900 14	6030 20	3556 32	2006 41	1425 38	977 38	871 36	693 36	478 39
1938	1938	7100 19	6580 17	4840 17	2946 25	1702 34	970 39	720 40	651 38	519 38
1939	1939	7900 15	6763 16	4611 21	2834 27	1566 35	981 37	821 38	644 39	435 42
1940	1940	1950 50	1853 49	1456 52	956 54	804 52	686 51	514 52	412 52	329 51
1941	1941	2200 47	1997 48	1793 48	1214 49	855 50	680 52	544 50	430 49	351 48
1942	1942	14700 5	12160 7	8276 7	4947 7	3341 6	2201 4	2061 2	1646 4	1634 2
1943	1943	1970 49	1850 50	1583 49	1005 53	776 54	520 53	368 54	281 54	196 55
1944	1944	3370 39	3243 39	2837 38	2458 33	1901 30	1389 24	1019 30	773 30	748 21
1945	1945	15700 3	13670 3	9434 3	5253 5	2832 9	1500 20	1169 20	983 21	679 25
1946	1946	4500 32	4167 32	3463 33	2566 32	1946 28	1658 15	1541 8	1446 6	1108 5
1947	1947	14400 7	13030 6	8723 6	4283 12	2186 20	1171 32	834 37	672 37	602 34
1948	1948	14700 6	13200 5	9339 4	5671 3	3999 2	2526 1	2125 1	1732 3	1779 1
1949	1949	7410 17	6160 19	4803 18	3193 20	1819 32	1022 35	758 39	618 40	580 35
1950	1950	12200 8	10970 8	7927 9	4523 10	2435 13	1344 27	1077 27	810 28	542 36
1951	1951	8760 12	8223 12	6260 13	3855 13	2187 19	1319 30	943 32	751 33	542 37
1952	1952	1440 56	1417 55	1266 54	1125 50	795 53	497 54	377 53	377 53	297 53
1953	1953	5860 22	5627 21	4593 22	3312 18	2261 16	1468 22	1024 29	807 29	732 22
1954	1954	5450 27	5000 28	3980 26	2744 29	2088 23	1328 29	1149 25	1091 15	786 19
1955	1955	892 58	856 58	754 58	548 58	361 58	220 60	160 60	125 61	104 60
1956	1956	544 62	512 62	504 61	395 61	234 62	142 62	121 62	98.4 62	80.3 62
1957	1957	5860 23	5233 25	3880 28	2272 36	1288 42	817 43	712 41	591 41	407 44
1958	1958	2190 48	2150 47	2017 47	1855 43	1503 36	1143 33	891 33	720 35	664 29
1959	1959	8310 13	7993 13	7254 10	4869 8	3386 5	2169 5	2028 4	1841 2	1497 4
1960	1960	7390 18	6930 14	5090 16	3075 22	2123 21	1431 23	1253 16	994 19	957 11
1961	1961	4160 34	3967 34	3371 35	2991 24	2027 25	1609 16	1168 21	899 26	665 28
1962	1962	706 60	598 61	440 62	356 62	251 61	235 58	189 58	153 58	111 59
1963	1963	1880 52	1760 52	1549 50	1217 48	1000 48	752 48	631 45	485 45	341 50
1964	1964	19000 1	17700 1	12720 1	7257 1	4033 1	2391 2	1631 7	1231 10	986 9
1965	1965	3510 38	3340 38	2761 39	2365 35	1947 27	1384 25	1240 17	1176 12	887 14
1966	1966	5700 25	5290 24	4667 20	3459 16	2511 11	1749 10	1273 15	1245 9	1090 8
1967	1967	4880 30	4490 30	3606 31	2373 34	1439 37	896 42	667 43	512 44	471 40
1968	1968	11700 9	10650 9	7947 8	5109 6	3150 7	1901 9	1335 11	1022 17	676 27
1969	1969	2400 46	2297 46	2151 45	1801 45	1182 46	937 41	671 42	525 43	414 43
1970	1970	9930 11	9093 11	6517 12	4289 11	2566 10	2213 3	2055 3	1975 5	1570 3
1971	1971	2780 44	2600 45	2087 46	1795 46	1345 40	779 44	545 49	417 51	310 52
1972	1972	4340 33	4000 33	3631 30	2729 30	1767 33	1176 31	1152 24	1006 18	867 18
1973	1973	5980 21	5587 22	4687 19	3434 17	2094 22	1505 19	1332 12	1129 13	878 16
1974	1974	2930 42	2847 42	2521 40	2177 37	1919 29	1528 17	1137 26	935 25	679 26
1975	1975	2910 43	2633 44	2166 44	1814 44	1154 47	743 49	550 48	422 50	360 47
1976	1976	1340 57	1124 57	845 57	764 56	580 55	348 57	279 55	258 55	239 54
1977	1977	1920 51	1817 51	1491 51	1015 52	811 51	766 46	637 44	529 42	392 45
1978	1978	5340 28	5047 27	4231 23	3121 21	2189 18	1371 26	1061 28	1028 16	933 12
1979	1979	2780 45	2733 43	2367 43	2102 39	1270 43	771 45	524 51	468 47	373 46
1980	1980	5800 24	5460 23	4099 25	2694 31	2003 26	1332 28	1164 23	976 22	772 20
1981	1981	1660 54	1480 54	1255 55	812 55	548 56	382 55	270 56	206 57	146 56
1982	1982	3970 35	3757 35	3116 36	2067 40	1199 45	968 40	878 35	745 34	701 23
1983	1983	3740 37	3630 37	3440 34	2769 28	2301 14	1702 13	1388 9	1096 14	871 17
1984	1984	4770 31	4467 31	3681 29	3229 19	2028 24	1749 11	1363 10	1414 7	1097 6
1985	1985	6980 20	6377 18	5194 15	3533 15	2508 12	1747 12	1236 18	936 24	644 31
1986	1986	3830 36	3640 36	2994 37	2115 38	1334 41	1077 34	950 31	751 32	687 24
1987	1987	5080 29	4757 29	3893 27	3005 23	2229 17	2002 7	1789 5	1538 5	1091 7
1988	1988	7430 16	6877 15	5509 14	3585 14	2295 15	1508 18	1166 22	898 27	624 32
1989	1989	621 61	614 60	561 60	410 60	342 59	231 59	183 59	143 59	98.4 61
1990	1990	729 59	707 59	648 59	493 59	302 60	177 61	149 61	142 60	142 57
1991	1991	5590 26	5173 26	4209 24	2931 26	1868 31	1480 21	1320 14	1197 11	978 10
1992	1992	3220 40	2980 41	2449 41	1650 47	1384 39	990 36	885 34	772 31	611 33
1993	1993	14800 4	13230 4	9263 5	5452 4	3131 8	1700 14	1182 19	969 23	879 15

SUWANNEE RIVER BASIN  
02321700 SWIFT CREEK NEAR LAKE BUTLER, FL

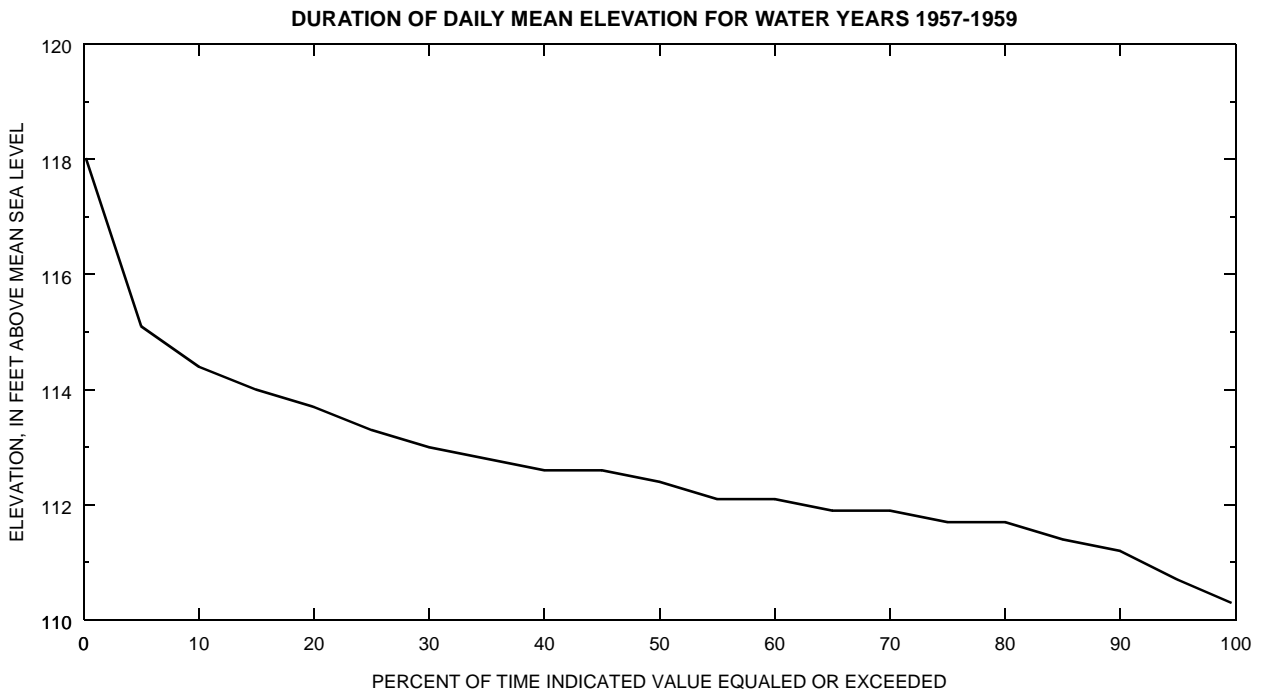
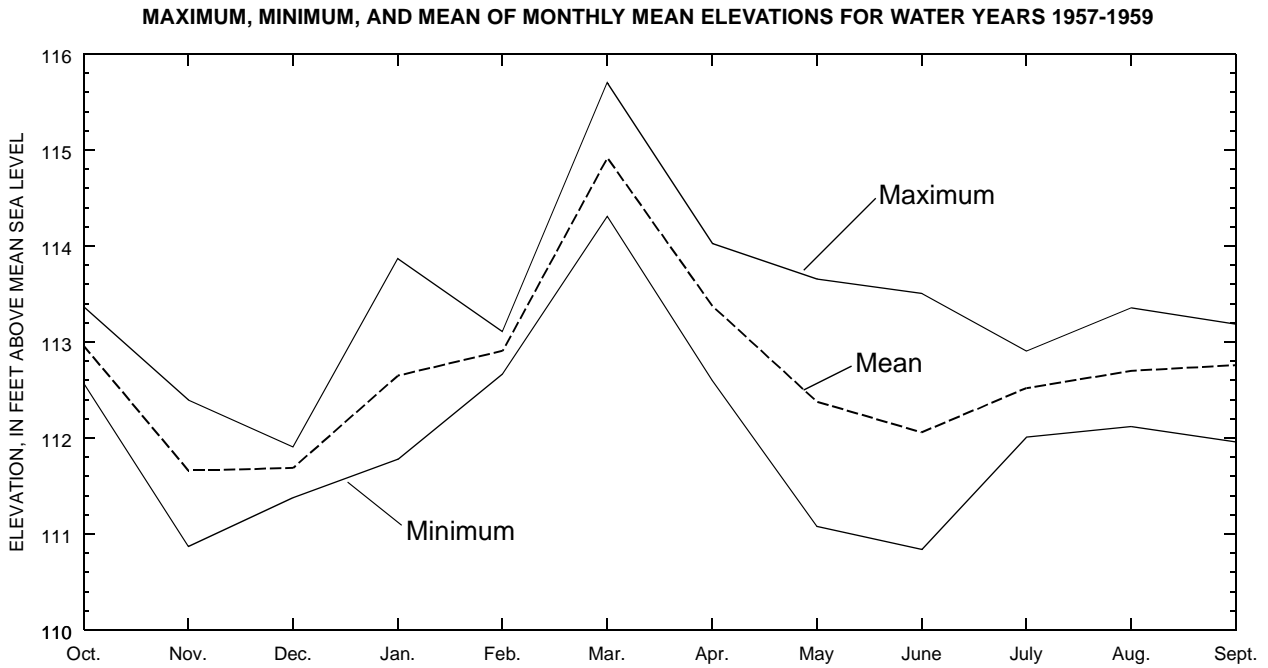
LOCATION.--Lat 30°03', long 82°25', in sec.16, T.5 S., R.19 E., near center of span on downstream side of bridge on State Highway 100 at Guilford, 5 miles northwest of town of Lake Butler, Union County.

DRAINAGE AREA.--27 mi<sup>2</sup>. approximately.

PERIOD OF RECORD.--August 1957 to September 1959.

GAGE.--Water-stage recorder. Datum of gage is 109.56 ft above National Geodetic Vertical Datum of 1929 (Florida Geodetic Survey bench mark).

REMARKS.--Records fair.



SUWANNEE RIVER BASIN  
02321700 SWIFT CREEK NEAR LAKE BUTLER, FL--Continued

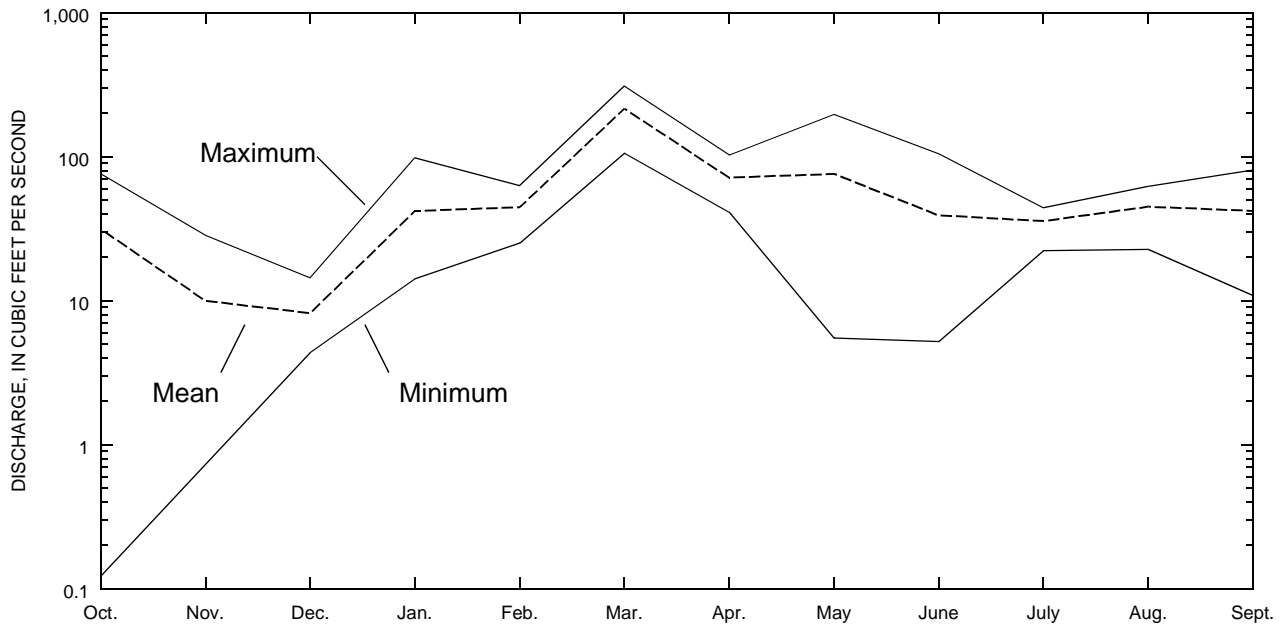
**SUMMARY STATISTICS  
(CUBIC FEET PER SECOND)**

**WATER YEARS 1957 - 1960**

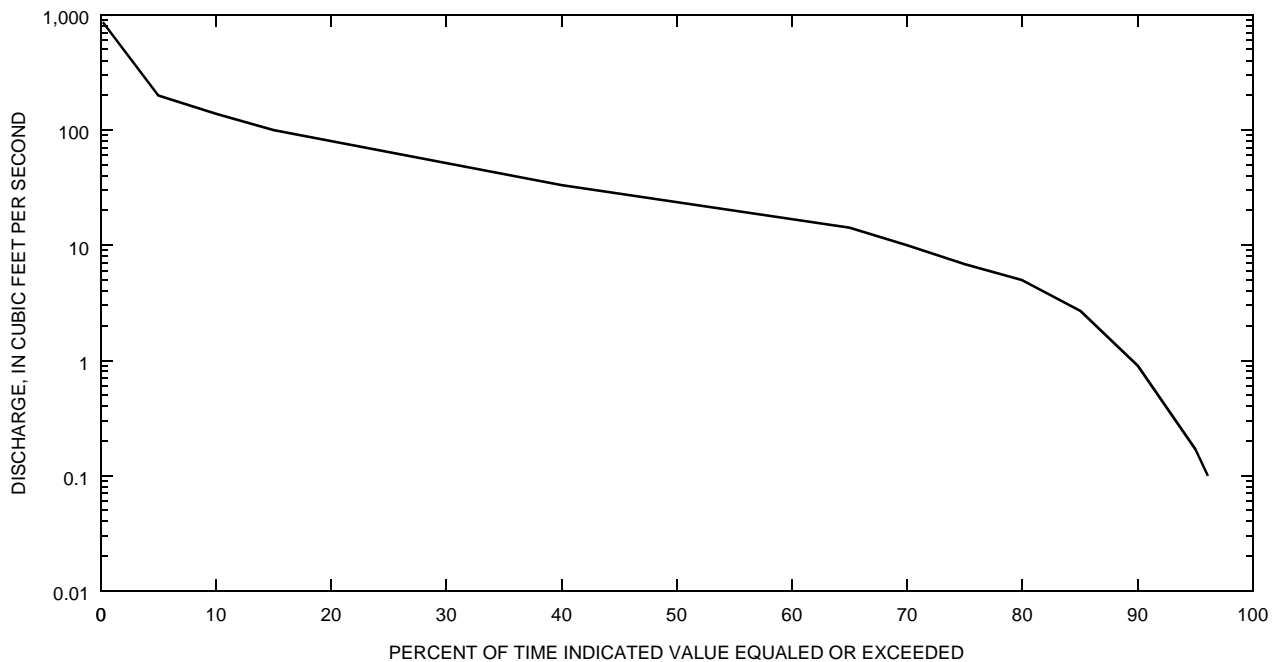
**WATER YEARS 1961 - 1982**

ANNUAL MEAN	56.1			
HIGHEST ANNUAL MEAN	79.8	1959		
LOWEST ANNUAL MEAN	35.2	1958		
HIGHEST DAILY MEAN	898	Mar 18 1960		
LOWEST DAILY MEAN	.00	Sep 30 1958		
ANNUAL SEVEN-DAY MINIMUM	.00	Sep 30 1958		
INSTANTANEOUS PEAK FLOW	913	Mar 18 1960	1880	Sep 13 1964
INSTANTANEOUS PEAK ELEVATION (FT)	118.17	Mar 18 1960	120.18	Sep 13 1964
INSTANTANEOUS LOW FLOW	.00	Sep 30 1958		
ANNUAL RUNOFF (INCHES)	16.56			
ANNUAL RUNOFF (CFSM)	1.22			

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1957-1959**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1957-1959**



SUWANNEE RIVER BASIN  
02321700 SWIFT CREEK NEAR LAKE BUTLER, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1957-1960**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	113.36	112.57	112.96	75.3	.123	31.47
NOVEMBER	112.39	110.87	111.66	28.1	.747	9.98
DECEMBER	111.90	111.38	111.69	14.3	4.38	8.19
JANUARY	113.86	111.78	112.65	97.1	14.2	41.93
FEBRUARY	113.10	112.67	112.91	62.1	25.1	44.60
MARCH	115.69	114.31	114.92	305.5	105.9	215.87
APRIL	114.02	112.60	113.38	101.6	41.2	71.50
MAY	113.65	111.08	112.38	195.5	5.49	76.03
JUNE	113.50	110.84	112.06	103.8	5.21	39.19
JULY	112.90	112.01	112.52	43.7	22.3	35.70
AUGUST	113.35	112.12	112.70	61.5	22.7	44.97
SEPTEMBER	113.18	111.96	112.76	80.1	10.9	42.07

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1937-1960**

PERCENT  
OF TIME  
EQUALED OR  
EXCEEDED

ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
--------	-----	-----	-----	-----	-----	-----	-----	-----	------	------	-----	------

ELEVATION IN FEET ABOVE MEAN SEA LEVEL

95.0	110.7	111.9	110.7	110.9	111.4	112.1	113.1	111.7	110.4	07.2	111.1	111.1	110.9
90.0	111.2	112.0	110.8	111.0	111.7	112.2	113.7	111.8	110.6	110.3	111.2	111.4	111.1
85.0	111.4	112.0	110.8	111.5	111.7	112.3	113.9	112.1	110.8	110.3	111.3	111.6	111.4
80.0	111.7	112.1	110.8	111.6	111.8	112.3	114.0	112.4	111.3	110.3	111.4	111.7	111.6
75.0	111.7	112.2	110.9	111.6	111.8	112.4	114.2	112.6	111.3	110.6	112.0	111.9	112.0
70.0	111.9	112.3	111.3	111.6	111.9	112.5	114.2	112.8	111.5	111.3	112.0	111.9	112.3
65.0	111.9	112.4	111.6	111.6	111.9	112.5	114.3	112.9	111.5	111.3	112.1	112.2	112.3
60.0	112.1	112.4	111.6	111.7	111.9	112.6	114.3	113.0	111.7	111.5	112.4	112.2	112.4
55.0	112.1	112.6	111.7	111.7	112.0	112.6	114.5	113.1	111.7	111.5	112.5	112.3	112.4
50.0	112.4	112.7	111.7	111.8	112.4	112.7	114.6	113.3	111.9	111.7	112.6	112.4	112.6
45.0	112.6	112.9	111.8	111.8	112.4	112.7	114.6	113.4	111.9	111.8	112.7	112.6	112.8
40.0	112.6	113.0	111.8	111.8	112.6	112.8	114.8	113.6	111.9	112.0	112.8	112.9	113.0
35.0	112.8	113.1	111.8	111.8	112.7	112.9	115.0	113.8	112.1	112.2	113.0	113.1	113.3
30.0	113.0	113.3	111.9	111.9	112.8	112.9	115.1	113.9	112.4	112.4	113.1	113.4	113.5
25.0	113.3	113.5	112.1	111.9	113.1	113.2	115.3	114.1	112.6	112.5	113.2	113.4	113.7
20.0	113.7	113.6	112.2	111.9	113.4	113.3	115.6	114.2	112.8	112.9	113.3	113.6	113.8
15.0	114.0	113.9	112.4	111.9	113.8	113.6	116.4	114.5	113.5	113.9	113.3	113.7	114.2
10.0	114.4	114.4	112.7	111.9	114.2	113.7	117.0	114.7	115.3	114.8	113.5	113.9	114.4
5.0	115.1	114.9	112.8	112.0	115.1	114.4	117.2	115.1	116.8	115.2	113.7	114.5	114.8

DISCHARGE IN CUBIC FEET PER SECOND

95.0	0.1	0.0	0.1	0.7	3.1	15.2	57.9	12.8	0.3	0.0	4.5	4.9	0.9
90.0	0.9	0.0	0.1	1.5	6.8	17.4	69.9	15.0	0.6	0.0	5.0	6.3	2.5
85.0	2.7	0.0	0.2	2.3	7.9	18.7	84.1	20.5	2.0	0.0	6.2	11.9	3.1
80.0	4.9	0.0	0.2	3.4	9.8	20.2	90.9	25.0	5.0	0.1	7.7	14.7	7.2
75.0	6.8	0.0	0.3	3.9	13.1	21.4	98.1	30.7	6.5	1.2	16.2	16.7	12.5
70.0	10.0	0.1	0.4	4.4	15.2	22.8	105.8	33.0	8.5	1.9	19.2	19.4	15.2
65.0	14.2	2.5	0.5	5.1	16.2	24.2	112.3	38.5	9.6	2.5	23.5	21.8	16.6
60.0	16.9	5.0	0.7	5.1	17.2	25.6	119.2	47.0	11.6	5.6	27.4	24.1	18.1
55.0	19.9	7.2	0.7	5.8	18.1	26.8	127.7	52.5	13.2	7.1	31.5	26.4	20.0
50.0	23.7	12.5	1.1	7.6	18.9	30.5	136.4	57.0	14.5	9.1	34.1	29.8	23.0
45.0	28.1	18.9	1.4	8.4	21.1	33.6	145.3	68.7	15.8	12.5	37.5	35.4	25.6
40.0	33.1	22.7	1.6	9.1	24.2	38.7	154.6	75.0	17.1	16.4	41.8	46.0	28.1
35.0	41.0	27.5	4.2	10.0	27.6	43.5	175.9	86.0	20.4	20.1	45.9	51.9	30.6
30.0	51.0	37.6	17.5	11.3	32.2	51.0	193.2	94.5	25.4	24.0	49.6	59.8	39.0
25.0	63.2	44.2	19.9	12.4	48.6	56.7	216.2	100.7	29.0	28.5	53.1	66.0	61.0
20.0	78.9	49.3	22.4	13.8	67.3	66.5	262.1	105.7	44.2	38.0	56.9	71.9	79.2
15.0	100.0	60.5	27.6	15.3	84.1	71.9	425.0	127.0	60.2	71.5	61.5	80.9	92.6
10.0	137.9	96.8	33.0	16.9	104.9	79.0	612.4	156.0	256.5	144.3	68.6	93.2	116.2
5.0	199.0	151.1	43.0	0.0	173.1	129.7	681.2	181.0	571.0	198.4	79.3	139.1	166.0

SUWANNEE RIVER BASIN  
02321700 SWIFT CREEK NEAR LAKE BUTLER, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR		1	3	7	14	30	60	90	120	183
RANGE										
1959	1960	111	111	111	111	112	112	112	112	112
		1	1	1	1	1	1	1	1	1

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR		1	3	7	15	30	60	90	120	183
RANGE										
1960	1960	118	118	117	116	115	114	114	113	113
		1	1	1	1	1	1	1	1	1

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR		1	3	7	14	30	60	90	120	183
RANGE										
1958	1959	.0000	.0000	.0000	.0000	.12	.43	1.05	3.94	20.2
1959	1960	2.00	2.23	2.79	4.29	13.7	14.1	17.9	24.3	38.3
		1	1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2	2

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR		1	3	7	15	30	60	90	120	183
RANGE										
1958	1958	210	198	190	156	108	105	81.7	66.5	58.0
1959	1959	805	788	656	462	312	194	197	175	137
1960	1960	898	838	662	398	247	158	115	89.9	75.2
		3	3	3	3	3	3	3	3	3
		2	2	2	1	1	1	1	1	1
		1	1	1	2	2	2	2	2	2

SUWANNEE RIVER BASIN  
02321800 OLUSTEE CREEK NEAR PROVIDENCE, FL

LOCATION.--Lat 30°00', long 82°34', in sec.36, T.5 S., R.17 E., on upstream side of bridge on State Highway 238, 1.5 miles west of Providence, Union County, 6.1 miles upstream from mouth, and 13.8 miles west of Lake Butler.

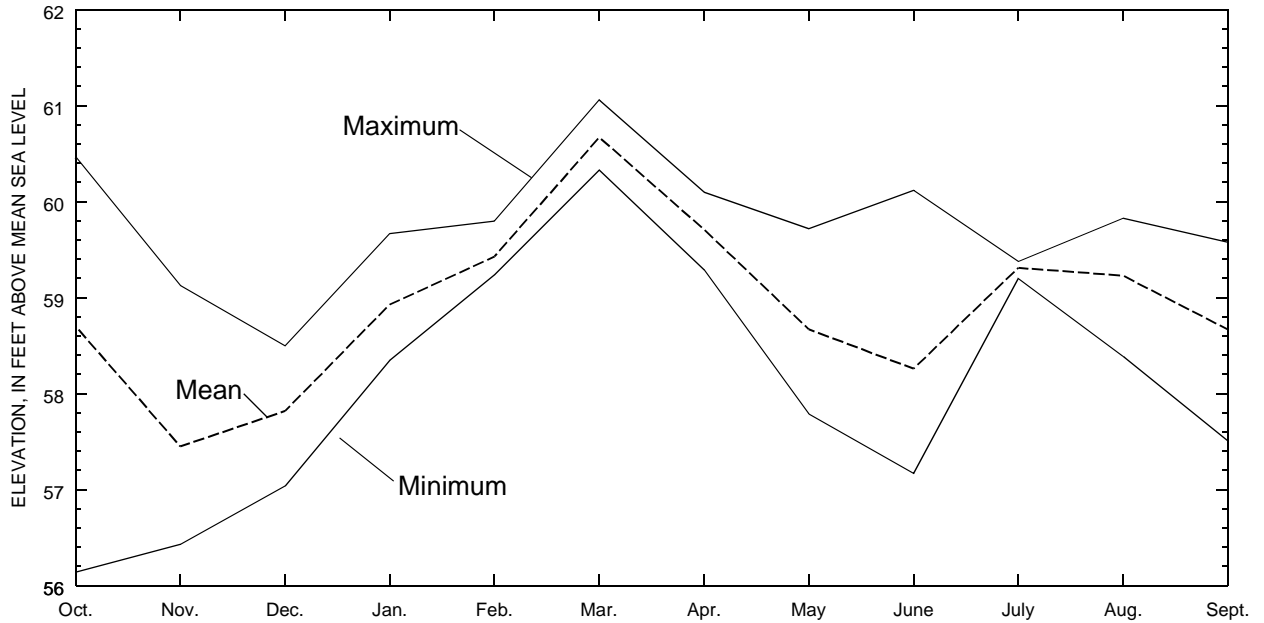
DRAINAGE AREA.--88 mi<sup>2</sup>, approximately.

PERIOD OF RECORD.--October 1957 to September 1959.

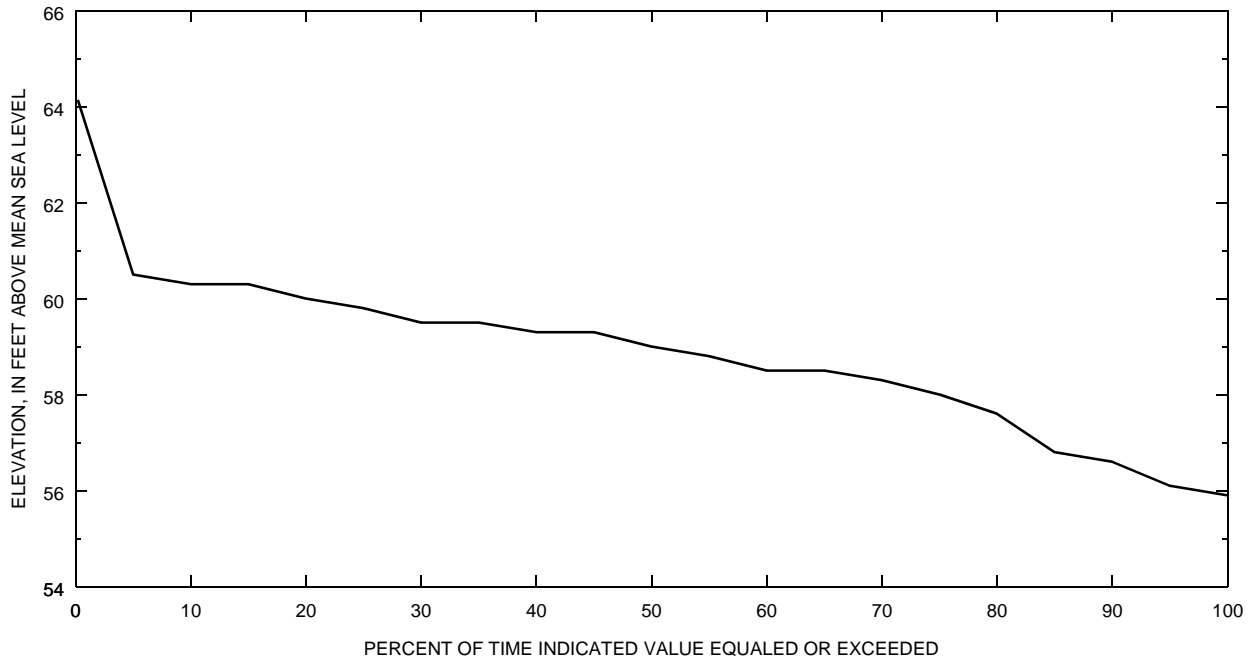
GAGE.--Water-stage recorder. Datum of gage is 53.35 ft above National Geodetic Vertical Datum of 1929 (State Road Department bench mark).

REMARKS.--Records fair.

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN ELEVATIONS FOR WATER YEARS 1957-1959**



**DURATION OF DAILY MEAN ELEVATION FOR WATER YEARS 1957-1959**



SUWANNEE RIVER BASIN  
 02321800 OLUSTEE CREEK NEAR PROVIDENCE, FL--Continued

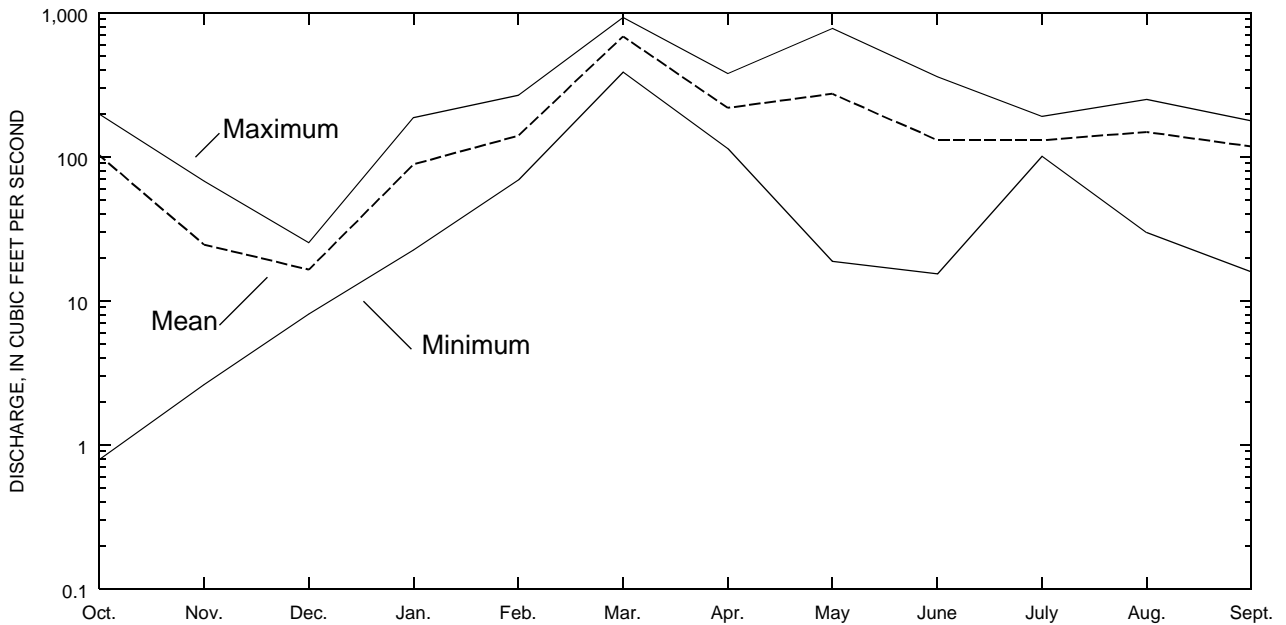
**SUMMARY STATISTICS  
 (CUBIC FEET PER SECOND)**

**WATER YEARS 1958 - 1960**

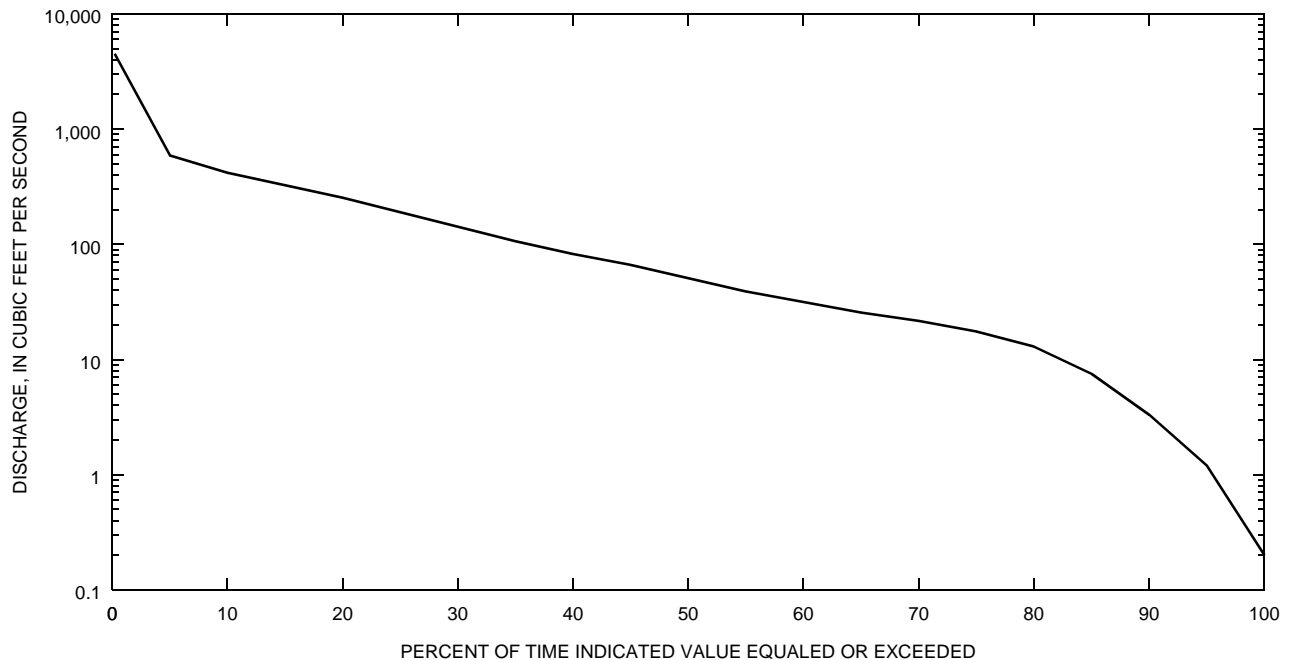
**WATER YEARS 1961 - 1972**

ANNUAL MEAN	175			
HIGHEST ANNUAL MEAN	233	1959		
LOWEST ANNUAL MEAN	115	1958		
HIGHEST DAILY MEAN	5410	May 22 1959		
LOWEST DAILY MEAN	.20	Oct 16 1958		
ANNUAL SEVEN-DAY MINIMUM	.31	Oct 12 1958		
INSTANTANEOUS PEAK FLOW	5690	May 22 1959	4990	Mar 23 1970
INSTANTANEOUS PEAK ELEVATION (FT)	65.04	May 22 1959	69.40	Sep 13 1964
INSTANTANEOUS LOW FLOW	.20	Oct 16 1958		
ANNUAL RUNOFF (INCHES)	14.55			
ANNUAL RUNOFF (CFSM)	1.07			

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1957-1959**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1957-1959**



SUWANNEE RIVER BASIN  
02321800 OLUSTEE CREEK NEAR PROVIDENCE, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1975-1960**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	60.46	56.14	58.70	196.5	.794	102.70
NOVEMBER	59.12	56.43	57.45	67.3	2.62	24.61
DECEMBER	58.49	57.04	57.82	25.1	8.14	16.48
JANUARY	59.66	58.35	58.93	185.2	22.6	88.90
FEBRUARY	59.79	59.24	59.43	265.6	69.4	140.47
MARCH	61.05	60.33	60.67	919.3	388.4	687.73
APRIL	60.09	59.29	59.71	375.6	114.6	219.40
MAY	59.71	57.79	58.67	772.4	18.8	274.53
JUNE	60.11	57.17	58.26	357.0	15.4	131.13
JULY	59.37	59.20	59.31	188.6	101.4	130.47
AUGUST	59.82	58.39	59.23	248.0	29.8	149.03
SEPTEMBER	59.57	57.51	58.67	176.4	15.9	118.10

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1931-1960**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	56.1	55.9	56.1	56.3	57.5	58.7	59.7	58.4	56.5	56.2	58.0	57.6	56.3
90.0	56.6	56.1	56.1	56.4	57.8	58.8	60.0	58.7	56.9	56.4	58.3	58.1	56.6
85.0	56.8	56.1	56.3	57.3	58.0	58.8	60.0	58.9	57.4	56.5	58.6	58.2	57.0
80.0	57.6	56.1	56.4	57.3	58.2	58.9	60.1	59.2	57.6	56.5	58.8	58.3	57.1
75.0	58.0	56.2	56.5	57.4	58.3	59.0	60.1	59.3	57.8	56.5	58.9	58.5	57.5
70.0	58.3	56.2	56.6	57.5	58.4	59.1	60.3	59.4	57.8	56.7	59.0	58.7	57.7
65.0	58.5	58.3	56.7	57.6	58.6	59.2	60.3	59.4	58.1	56.8	59.1	58.9	58.1
60.0	58.5	58.6	56.7	57.7	58.6	59.2	60.4	59.5	58.3	56.9	59.1	59.0	58.5
55.0	58.8	59.0	56.7	57.8	58.7	59.3	60.4	59.6	58.3	57.4	59.2	59.1	58.6
50.0	59.0	59.5	56.7	57.8	58.9	59.3	60.4	59.7	58.3	57.8	59.3	59.3	58.8
45.0	59.3	59.8	56.8	57.9	59.1	59.4	60.4	59.8	58.5	59.0	59.5	59.6	59.2
40.0	59.3	60.3	56.9	58.2	59.2	59.4	60.4	59.8	58.5	59.1	59.5	59.6	59.3
35.0	59.5	60.4	57.0	58.2	59.3	59.5	60.5	59.9	58.7	59.3	59.6	59.7	59.4
30.0	59.5	60.4	58.5	58.2	59.4	59.5	60.6	60.0	58.7	59.4	59.7	59.8	59.7
25.0	59.8	60.4	58.8	58.3	59.5	59.7	60.6	60.0	58.9	59.7	59.8	59.8	59.8
20.0	60.0	60.4	58.9	58.4	59.5	59.7	60.9	60.1	59.2	59.9	59.9	60.1	59.9
15.0	60.3	60.4	59.0	58.6	59.7	59.8	61.3	60.2	59.2	60.0	59.9	60.2	59.9
10.0	60.3	60.4	59.1	58.6	59.9	60.2	62.0	60.5	60.6	60.5	60.1	60.3	60.1
5.0	60.5	60.4	59.5	58.7	60.2	60.5	62.6	60.8	62.2	60.8	60.2	60.3	60.3
DISCHARGE IN CUBIC FEET PER SECOND													
95.0	1.2	0.3	0.7	1.4	11.8	32.7	144.4	26.0	2.4	1.2	17.3	14.3	1.9
90.0	3.3	0.4	0.9	2.0	15.8	35.1	238.7	33.7	5.3	1.5	24.3	20.2	4.1
85.0	7.5	0.5	1.4	10.5	18.0	40.5	265.7	43.5	11.4	1.8	29.9	22.0	7.5
80.0	13.0	0.6	2.0	11.4	20.3	43.6	300.7	66.0	14.4	2.3	35.1	24.4	10.0
75.0	17.5	0.8	2.4	12.1	21.9	47.2	321.6	77.0	16.3	2.3	40.2	27.2	12.7
70.0	21.6	1.1	2.8	12.6	23.4	53.0	344.9	86.0	18.3	3.4	46.9	32.3	16.0
65.0	25.5	7.2	3.3	13.1	25.8	60.1	371.4	95.0	20.4	4.2	52.4	38.4	20.5
60.0	31.3	12.6	3.3	13.9	28.8	66.8	388.5	108.5	22.4	6.9	64.1	53.4	25.7
55.0	39.0	19.1	3.3	14.8	34.1	74.5	404.6	128.5	23.8	10.5	80.4	77.3	34.2
50.0	50.4	24.7	4.0	15.6	45.0	80.5	421.3	142.0	25.3	18.0	90.8	96.2	48.0
45.0	66.0	28.3	4.7	17.1	62.0	84.7	442.9	162.5	26.8	51.7	111.4	131.4	68.5
40.0	82.2	36.6	6.2	18.7	76.5	93.7	464.4	176.5	28.8	60.0	126.1	146.1	89.5
35.0	106.5	53.3	7.5	19.9	84.4	108.3	491.8	192.3	33.4	72.6	146.4	171.5	118.7
30.0	141.7	77.5	28.2	21.0	95.5	114.0	521.3	222.6	41.2	91.0	178.6	195.0	157.7
25.0	191.7	106.0	34.2	22.4	114.9	119.7	608.0	241.9	51.6	160.2	216.2	222.4	209.5
20.0	252.9	169.0	40.8	24.0	131.5	138.0	726.0	278.0	63.4	206.0	236.6	277.3	249.7
15.0	324.4	248.3	48.4	26.0	166.2	171.7	1108.2	328.0	78.2	282.0	263.6	326.2	287.9
10.0	416.6	375.9	64.0	27.8	218.2	304.5	1790.0	469.0	606.3	521.5	297.7	364.7	336.7
5.0	588.3	542.8	118.5	30.8	337.3	491.5	2539.3	671.7	2285.0	684.2	345.1	434.7	417.4

SUWANNEE RIVER BASIN  
02321800 OLUSTEE CREEK NEAR PROVIDENCE, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR		1	3	7	14	30	60	90	120	183
RANGE										
1958	1959	55.9	55.9	56.0	56.1	56.1	56.3	56.4	56.7	57.7
		1	1	1	1	1	1	1	1	1

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR		1	3	7	15	30	60	90	120	183
RANGE										
1958	1958	61.9	61.6	61.1	60.6	60.5	60.2	59.9	59.7	59.2
1958	1959	64.8	64.0	62.9	61.8	61.1	60.4	60.2	60.2	59.9
		2	2	2	2	2	2	2	2	2
		1	1	1	1	1	1	1	1	1

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR		1	3	7	14	30	60	90	120	183
RANGE										
1958	1959	.20	.20	.31	.56	.79	1.70	2.52	5.81	47.5
1959	1960	7.50	7.70	9.34	11.2	21.3	23.6	37.4	63.2	83.6
		1	1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2	2

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR		1	3	7	15	30	60	90	120	183
RANGE										
1958	1958	1720	1349	974	622	429	391	287	233	182
1958	1959	5410	4383	2957	1747	1087	604	643	568	415
1959	1960	3670	3403	2230	1257	861	539	385	294	237
		3	3	3	3	3	3	3	3	3
		1	1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2	2

**SUWANNEE RIVER BASIN**  
02322000 SANTA FE RIVER NEAR HIGH SPRINGS. FL

LOCATION.--Lat 29°51', long 82°38', in sec. 29. T.7 S., R.17 E., near right bank at upstream side of bridge on U.S. Highway 27, 150 ft upstream from Atlantic Coast Line Railroad bridge and 2 miles northwest of High Springs, Alachua County.

DRAINAGE AREA.--950 mi<sup>2</sup>, approximately.

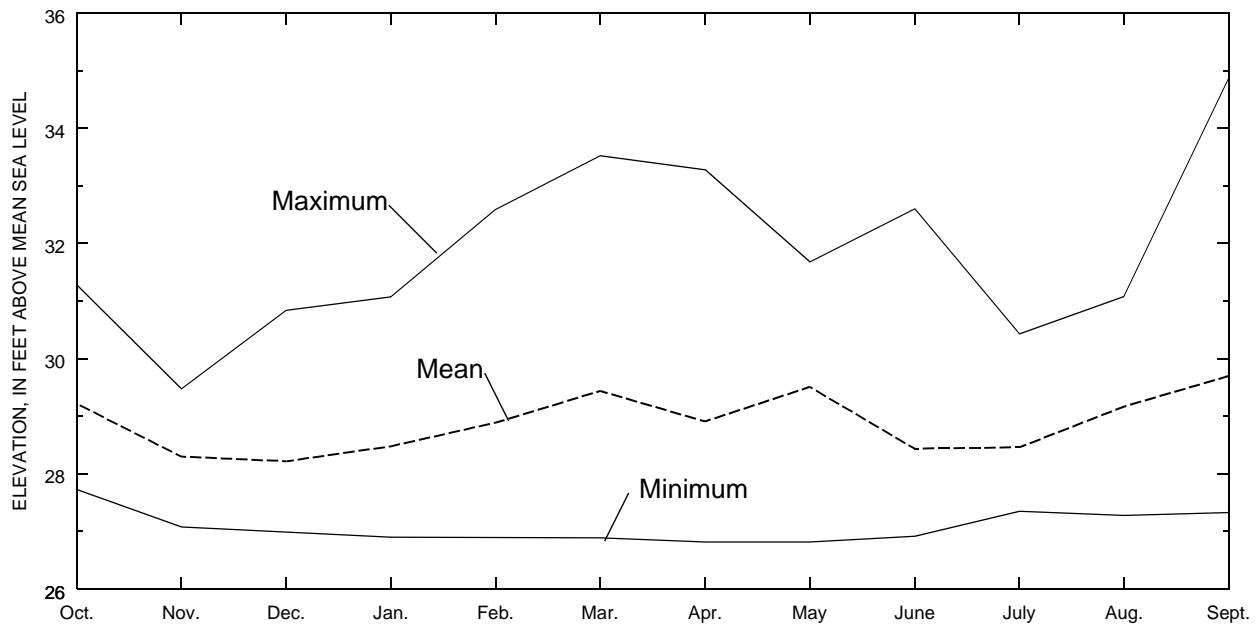
PERIOD OF RECORD.--January 1931 to September 1971.

GAGE.--Water-stage recorder. Datum of gage is 26.36 ft above National Geodetic Vertical Datum of 1929 (levels by Florida State Road Department). Prior to Jan. 9, 1933, staff gage at same site and datum.

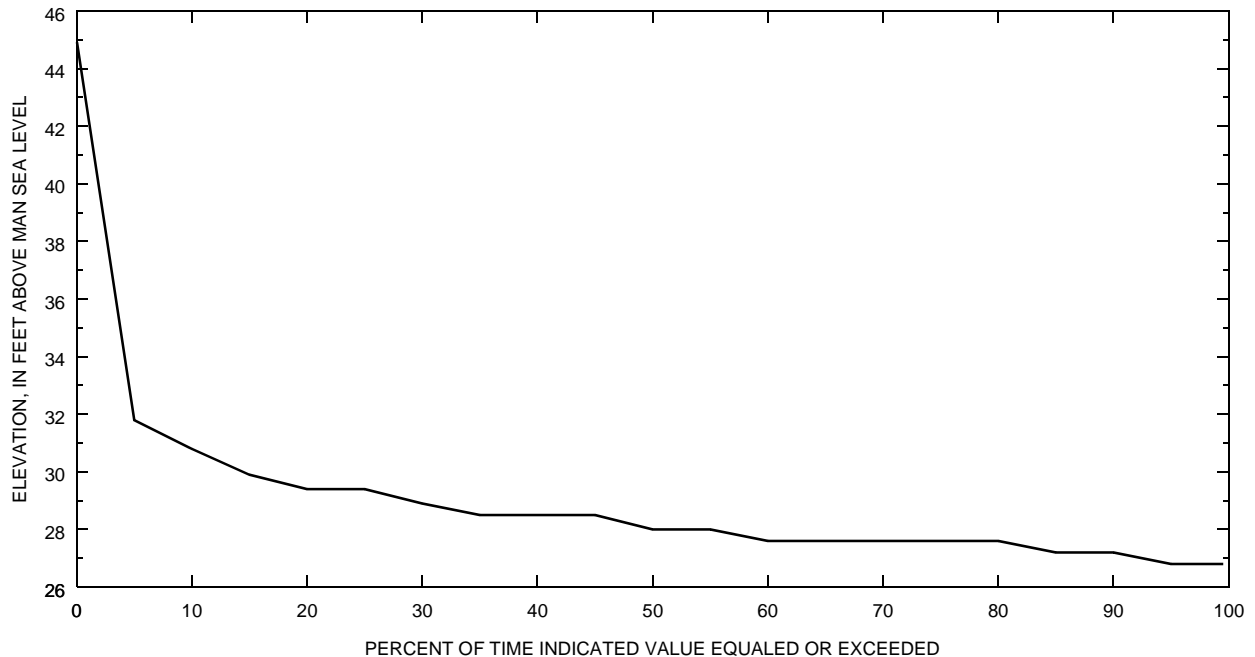
AVERAGE DISCHARGE.--28 years, 763 ft<sup>3</sup>/s

REMARKS.--Records good.

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN ELEVATIONS FOR WATER YEARS 1953-1971**



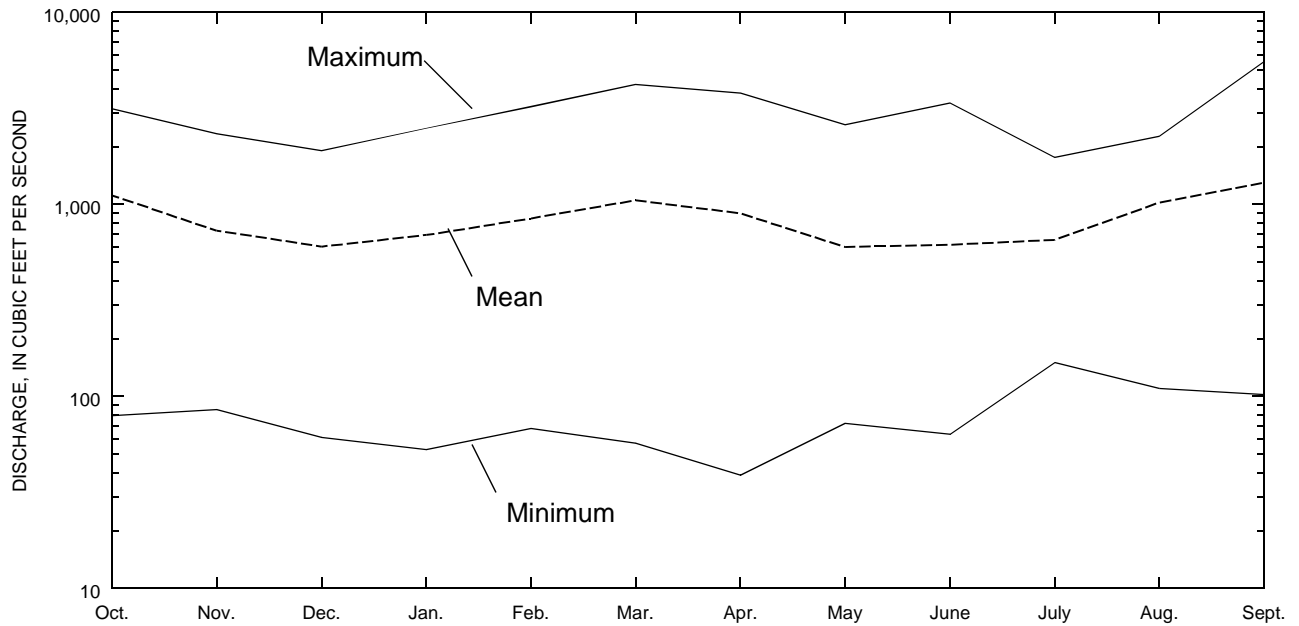
**DURATION OF DAILY MEAN ELEVATION FOR WATER YEARS 1953-1971**



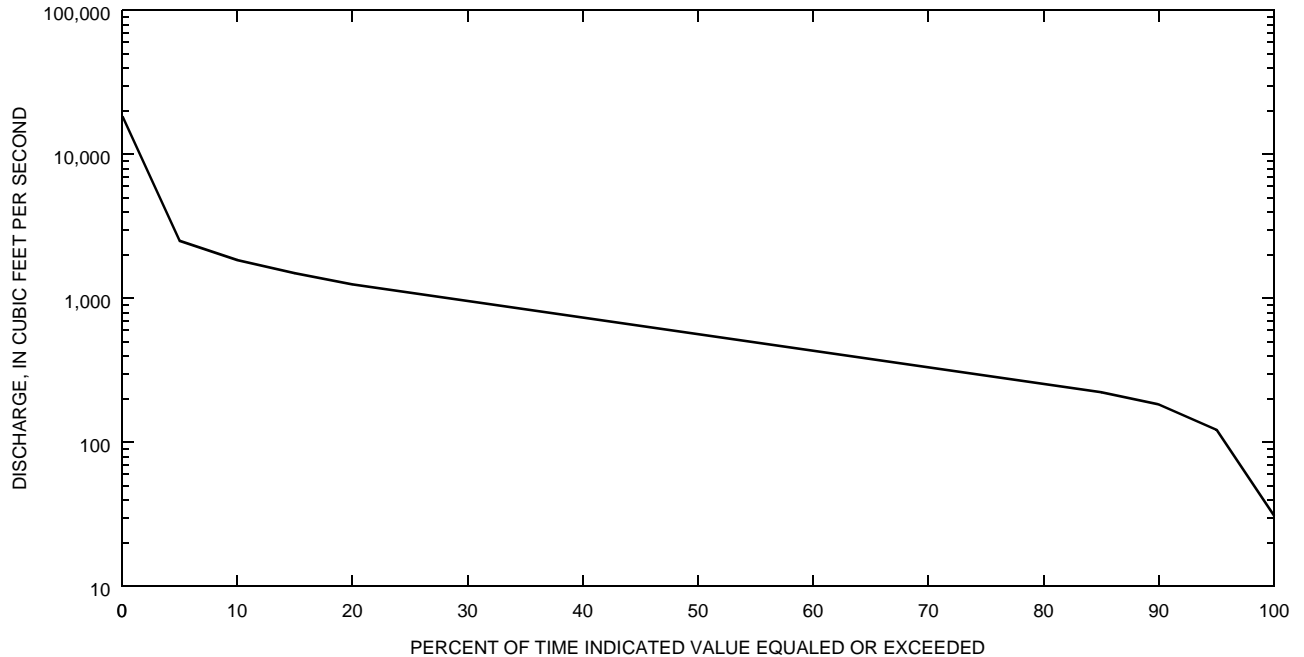
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
 FOR WATER YEARS 1931 - 1971**

ANNUAL MEAN	846	
HIGHEST ANNUAL MEAN	2143	1948
LOWEST ANNUAL MEAN	81.7	1956
HIGHEST DAILY MEAN	19600	Sep 15 1964
LOWEST DAILY MEAN	31	Apr 29 1956
ANNUAL SEVEN-DAY MINIMUM	31	Apr 28 1956
INSTANTANEOUS PEAK FLOW	20000	Sep 15 1964
INSTANTANEOUS PEAK ELEVATION (FT)	45.32	Sep 16 1964
INSTANTANEOUS LOW FLOW	31	Apr 28 1956
ANNUAL RUNOFF (INCHES)	12.10	
ANNUAL RUNOFF (CFSM)	.89	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1931-1971**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1931-1971**



SUWANNEE RIVER BASIN  
02322000 SANTA FE RIVER NEAR HIGH SPRINGS, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1975-1993**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	31.27	27.73	29.22	3125	79.4	1114.60
NOVEMBER	29.46	27.08	28.30	2318	85.4	729.27
DECEMBER	30.83	26.99	28.22	1886	61.2	602.89
JANUARY	31.06	26.90	28.48	2480	52.8	692.96
FEBRUARY	32.58	26.91	28.89	3197	68.1	845.63
MARCH	33.51	26.89	29.44	4188	57.1	1050.94
APRIL	33.27	26.82	28.91	3776	38.9	898.67
MAY	31.67	26.82	29.51	2578	72.5	599.33
JUNE	32.59	26.92	28.44	3344	63.6	616.07
JULY	30.42	27.35	28.46	1743	150.0	653.55
AUGUST	31.07	27.28	29.17	2243	110.2	1021.53
SEPTEMBER	34.85	27.33	29.70	5481	102.0	1300.58

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1931-1993**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT

95.0	26.8	27.5	27.1	26.9	26.9	26.8	26.8	26.8	26.8	26.9	27.3	27.3	27.2
90.0	27.2	27.7	27.4	27.1	27.0	26.8	26.8	26.8	27.0	27.1	27.4	27.5	27.2
85.0	27.2	27.8	27.5	27.1	27.4	27.3	27.1	27.0	27.0	27.3	27.4	27.8	27.7
80.0	27.6	27.8	27.6	27.3	27.4	27.3	27.7	27.6	27.3	27.5	27.5	27.8	27.7
75.0	27.6	28.0	27.7	27.5	27.4	27.6	27.7	27.6	27.6	27.5	27.5	28.0	28.1
70.0	27.6	28.0	27.7	27.5	27.6	27.9	27.7	27.6	27.6	27.5	27.7	28.3	28.1
65.0	27.6	28.1	27.8	27.5	27.6	27.9	28.0	27.9	27.6	27.5	27.9	28.5	28.5
60.0	27.6	28.3	27.8	27.5	27.8	28.1	28.3	27.9	27.6	27.7	27.9	28.6	28.5
55.0	28.0	28.5	27.9	27.7	27.8	28.4	28.6	28.2	27.8	27.9	27.9	28.8	28.9
50.0	28.0	28.6	28.0	27.7	28.0	28.4	28.6	28.2	28.1	27.9	28.2	28.9	28.9
45.0	28.5	28.8	28.1	27.7	28.0	28.7	28.9	28.5	28.1	27.9	28.2	29.1	29.4
40.0	28.5	29.2	28.3	28.0	28.2	28.9	29.2	28.5	28.1	28.1	28.3	29.2	29.4
35.0	28.5	29.5	28.5	28.4	28.4	28.9	29.5	28.5	28.4	28.1	28.4	29.4	29.8
30.0	28.9	29.7	28.9	28.6	28.8	29.2	29.9	28.8	28.7	28.3	28.5	29.7	29.8
25.0	29.4	30.0	29.1	28.6	29.0	29.2	30.2	29.5	29.0	28.5	28.6	30.0	30.3
20.0	29.4	30.4	29.1	28.8	29.4	29.7	30.5	29.8	29.3	28.5	29.0	30.4	30.8
15.0	29.9	30.9	29.3	28.8	30.0	30.3	30.8	30.4	29.3	29.0	29.9	30.7	31.2
10.0	30.8	31.5	29.4	29.2	30.4	31.2	31.8	30.8	29.9	31.0	30.3	31.4	31.7
5.0	31.8	32.1	29.6	30.3	31.1	32.0	33.9	31.8	31.8	31.9	30.6	31.7	33.2

DISCHARGE IN CUBIC FEET PER SECOND

95.0	122.4	221.7	176.4	139.9	124.0	114.0	107.5	119.5	91.5	94.7	163.1	196.5	186.7
90.0	183.9	260.8	207.7	165.1	148.5	167.6	187.1	151.3	122.3	152.7	211.7	242.3	281.4
85.0	223.4	300.3	229.3	185.5	176.7	216.4	226.8	207.6	189.8	190.1	231.9	359.7	337.9
80.0	258.1	340.9	255.4	200.5	214.5	285.4	279.3	260.9	221.4	211.7	248.6	394.0	394.4
75.0	295.2	382.6	287.7	232.1	283.7	328.9	326.4	300.6	242.8	231.3	266.7	439.8	462.9
70.0	334.5	429.6	320.3	259.6	319.6	356.4	381.3	345.4	264.9	250.8	289.3	495.3	543.7
65.0	376.6	485.5	352.1	302.7	344.8	405.4	431.4	381.9	290.1	270.1	324.6	572.8	628.5
60.0	424.6	545.0	389.7	350.9	371.4	465.1	466.9	436.8	317.8	288.0	370.2	669.1	730.6
55.0	476.5	617.3	449.9	390.4	398.9	527.0	524.9	496.4	349.9	305.9	400.1	744.1	867.2
50.0	545.8	692.2	525.8	421.1	431.2	622.7	621.0	552.1	401.9	349.3	444.7	822.7	983.7
45.0	632.7	796.9	631.1	464.3	468.0	721.0	731.0	666.1	468.5	428.3	543.4	924.0	1078.4
40.0	728.3	949.8	733.5	525.8	558.0	807.8	853.5	791.3	535.0	467.7	622.8	1037.8	1184.4
35.0	826.0	1122.7	835.0	606.0	648.9	894.3	956.4	927.2	604.7	510.3	713.2	1152.3	1303.8
30.0	947.7	1280.0	918.1	695.5	755.2	983.1	1120.8	1102.8	701.4	578.1	797.1	1268.7	1450.0
25.0	1087.8	1455.8	983.2	766.7	896.0	1104.9	1277.4	1260.5	784.4	689.7	885.4	1469.0	1607.4
20.0	1252.4	1681.5	1065.0	826.4	1069.1	1244.8	1515.7	1427.9	884.0	776.1	1019.9	1656.8	1777.9
15.0	1495.9	2052.3	1170.0	961.8	1284.3	1430.1	1863.6	1624.0	1010.9	887.2	1229.9	1906.3	2039.0
10.0	1841.9	2498.9	1340.2	1343.3	1622.3	1857.8	2495.2	1923.3	1193.7	1164.3	1479.6	2139.4	2559.2
5.0	2504.9	3296.7	2143.6	1868.4	2126.1	2501.3	3441.0	2505.0	1491.9	2021.1	1731.9	2485.2	3504.8

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1960 1961	28.3 8	28.3 8	28.3 8	28.3 8	28.3 8	28.4 8	28.6 8	28.7 8	29.2 8
1961 1962	27.2 3	27.2 3	27.2 3	27.2 3	27.3 3	27.3 3	27.4 2	27.5 2	27.7 2
1962 1963	27.1 1	27.1 1	27.1 1	27.1 1	27.2 1	27.2 1	27.2 1	27.2 1	27.5 1
1963 1964	27.2 2	27.2 2	27.2 2	27.2 2	27.2 2	27.3 2	27.4 3	27.7 4	28.0 4
1966 1967	28.6 9	28.6 9	28.6 9	28.6 9	28.7 9	28.8 9	28.8 9	29.1 9	29.6 9
1967 1968	27.7 7	27.7 6	27.7 6	27.7 6	27.8 6	27.8 6	27.8 6	27.8 5	27.9 3
1968 1969	27.4 4	27.4 4	27.4 4	27.5 4	27.5 4	27.5 4	27.6 4	27.6 3	28.3 7
1969 1970	27.6 6	27.6 5	27.6 5	27.6 5	27.7 5	27.7 5	27.8 5	27.9 6	28.3 6
1970 1971	27.5 5	27.8 7	27.8 7	27.9 7	27.9 7	28.0 7	28.0 7	28.0 7	28.2 5

SUWANNEE RIVER BASIN  
02322000 SANTA FE RIVER NEAR HIGH SPRINGS, FL--Continued

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183
1954	1954	34.4 6	34.3 6	34.0 6	33.1 6	32.1 6	31.0 5	30.5 5	30.6 3	30.0 4
1958	1958	30.6 11	30.6 11	30.6 11	30.4 11	30.3 10	30.1 9	29.8 7	29.4 7	29.3 7
1960	1960	36.3 4	36.1 4	35.2 5	33.7 5	32.6 4	31.3 4	30.6 4	30.2 5	30.3 3
1961	1961	33.0 7	32.9 7	32.6 7	32.0 7	31.3 7	30.5 6	29.8 6	29.4 8	29.2 8
1962	1962	28.8 13	28.7 13	28.7 13	28.5 13	28.3 13	28.1 13	28.0 13	27.8 13	27.7 13
1963	1963	29.9 12	29.9 12	29.8 12	29.6 12	29.5 12	29.1 12	28.7 12	28.5 12	28.3 12
1964	1964	45.0 1	44.5 1	42.5 1	38.9 1	34.8 1	32.4 1	31.0 3	30.3 4	29.9 5
1966	1966	36.0 5	35.9 5	35.8 3	34.8 3	33.7 2	32.4 2	31.7 2	31.6 2	31.3 1
1967	1967	32.7 8	32.7 8	32.6 8	31.9 8	31.1 8	30.2 8	29.7 8	29.5 6	29.6 6
1968	1968	36.8 3	36.5 3	35.5 4	34.0 4	32.3 5	30.4 7	29.5 9	29.0 9	28.5 9
1969	1969	30.9 10	30.9 10	30.8 10	30.5 10	29.8 11	29.3 11	28.9 11	28.7 11	28.4 10
1970	1970	38.2 2	37.9 2	36.9 2	35.3 2	33.4 3	32.2 3	32.1 1	31.8 1	31.1 2
1971	1971	31.9 9	31.8 9	31.6 9	31.4 9	31.0 9	29.9 10	29.2 10	28.7 10	28.4 11

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183
1931	1932	105 6	110 6	112 6	113 6	117 6	125 6	135 5	154 6	188 4
1932	1933	78.0 4	78.7 4	82.3 5	82.3 5	86.2 5	102 5	120 4	136 4	257 7
1933	1934	172 14	174 14	177 13	179 13	183 13	189 11	197 9	208 9	283 9
1934	1935	153 11	155 10	158 10	162 11	171 10	196 13	217 10	221 10	294 10
1935	1936	79.0 5	79.0 5	79.9 4	80.6 4	83.6 4	90.1 3	102 3	126 3	221 30
1936	1937	253 25	254 25	256 25	258 24	275 24	322 26	360 26	389 24	407 15
1937	1938	332 31	335 31	338 31	344 31	370 32	429 32	510 33	564 30	926 33
1938	1939	209 18	212 19	213 19	218 19	237 20	255 18	278 16	300 15	448 17
1939	1940	211 19	211 18	212 18	214 18	217 16	228 17	297 19	319 18	422 16
1940	1941	175 15	177 15	181 15	183 14	189 15	204 15	237 15	281 14	386 12
1941	1942	191 17	194 17	196 17	202 17	223 18	261 19	335 22	571 31	697 26
1942	1943	292 28	295 28	298 28	305 28	317 27	323 27	342 24	362 20	456 18
1943	1944	125 7	128 7	129 7	130 7	132 7	137 7	140 6	143 5	183 3
1944	1945	212 20	213 20	215 20	220 20	230 19	266 21	370 28	612 33	922 32
1945	1946	161 12	164 12	167 12	170 12	182 12	194 12	221 11	270 13	618 24
1946	1947	336 32	338 32	341 32	355 32	363 31	478 35	549 34	624 34	935 34
1947	1948	321 30	323 30	325 30	332 30	355 30	403 30	412 30	461 28	785 28
1948	1949	767 40	767 40	775 40	786 40	810 40	893 39	1026 40	1185 40	1393 39
1949	1950	397 35	403 35	415 35	426 35	430 35	453 33	503 32	585 32	765 27
1950	1951	272 27	273 27	274 27	275 25	281 25	298 24	313 21	408 26	803 29
1951	1952	235 24	235 24	239 23	240 23	255 22	265 20	289 17	303 16	347 11
1952	1953	180 16	181 16	183 16	184 15	188 14	198 14	233 14	247 11	252 6
1953	1954	228 23	233 23	254 24	297 27	327 28	344 29	378 29	486 29	895 31
1954	1955	127 8	128 8	129 8	132 8	136 8	146 8	162 7	186 7	215 5
1955	1956	46.0 2	47.3 2	47.9 2	49.6 2	52.7 2	55.1 1	59.2 2	59.5 1	67.2 1
1956	1957	31.0 1	31.0 1	31.3 1	33.9 1	36.6 1	55.5 2	58.3 1	90.0 2	96.2 2
1957	1958	72.0 3	73.3 3	73.7 3	74.3 3	78.8 3	90.7 4	349 25	370 22	478 20
1958	1959	259 26	261 26	270 26	281 26	309 26	319 25	339 23	376 23	574 22
1959	1960	627 37	629 36	636 36	647 36	679 37	727 37	770 36	871 37	1115 35
1960	1961	626 36	636 37	637 37	647 37	665 36	709 36	783 37	839 36	1115 36
1961	1962	220 21	224 22	226 21	235 22	269 23	272 23	291 18	316 17	406 14
1962	1963	152 10	157 11	159 11	162 10	164 9	175 9	187 8	208 8	278 8
1963	1964	145 9	148 9	151 9	158 9	172 11	185 10	226 12	327 19	473 19
1964	1965	381 34	383 34	385 34	389 34	403 34	468 34	662 35	746 35	1635 40
1965	1966	731 39	733 39	738 39	750 39	794 39	924 40	1010 39	1128 39	1365 38
1966	1967	664 38	674 38	680 38	689 38	717 38	760 38	792 38	923 38	1217 37
1967	1968	305 29	308 29	310 29	316 29	330 29	340 28	364 27	363 21	394 13
1968	1969	168 13	171 13	180 14	192 16	217 17	219 16	231 13	251 12	682 25
1969	1970	221 22	222 21	228 22	235 21	241 21	266 22	311 20	389 25	577 23
1970	1971	350 33	355 33	361 33	372 33	399 33	415 31	439 31	436 27	525 21

SUWANNEE RIVER BASIN  
02322000 SANTA FE RIVER NEAR HIGH SPRINGS. FL--Continued

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR		1	3	7	15	30	60	90	120	183
RANGE										
1932	1932	1230 35	1170 36	1065 37	924 36	686 37	506 38	396 38	335 38	257 38
1933	1933	2760 28	2720 28	2520 27	2181 26	1645 27	1183 29	914 32	760 32	788 27
1934	1934	11500 3	11030 3	8783 3	6005 3	3961 3	2575 7	2182 8	1822 9	1267 12
1935	1935	6720 12	6400 12	5521 11	4545 7	3745 6	2242 9	1554 15	1187 17	821 24
1936	1936	2940 26	2760 26	2426 28	1975 29	1564 29	1168 30	1062 29	924 27	905 22
1937	1937	3330 22	3177 22	2827 25	2167 27	1789 25	1480 24	1345 19	1197 16	935 21
1938	1938	4610 16	4470 16	4031 16	3151 15	2264 19	1516 21	1219 23	1117 20	967 19
1939	1939	4280 17	4047 17	3510 20	2638 21	1853 24	1249 28	1105 26	937 26	696 30
1940	1940	1470 33	1420 33	1323 34	1157 35	1115 33	968 33	814 33	676 33	585 33
1941	1941	2400 30	2380 30	2211 30	1831 30	1436 31	1254 27	1073 27	882 28	702 28
1942	1942	7840 7	7360 8	5903 7	4376 9	3501 8	2842 5	2613 4	2491 4	2469 2
1943	1943	1150 37	1140 37	1095 36	915 37	755 36	636 36	567 36	520 36	453 36
1944	1944	2820 27	2760 27	2683 26	2533 23	2274 18	1820 17	1384 17	1097 21	1006 18
1945	1945	9170 4	8807 4	7053 4	4821 6	3133 9	1962 13	1606 13	1457 12	1157 14
1946	1946	3140 23	3107 23	2969 21	2642 20	2345 17	2102 11	1979 9	1834 8	1457 9
1947	1947	8680 5	7720 6	5246 12	2649 19	1691 26	1377 26	1158 24	1021 24	965 20
1948	1948	12700 2	12200 2	9736 2	6441 2	5310 2	3948 1	3252 1	2828 2	2741 1
1949	1949	5080 15	4863 15	4347 15	3558 14	2622 15	1831 16	1581 14	1441 13	1392 10
1950	1950	7600 9	7200 9	5857 8	4171 12	2638 14	1583 19	1299 21	1045 23	803 25
1951	1951	7170 10	6777 10	5713 9	4301 10	2983 11	2101 12	1666 11	1404 14	1098 16
1952	1952	1220 36	1213 35	1194 35	1166 34	994 35	780 35	663 35	585 35	556 34
1953	1953	3790 20	3733 20	3541 19	3057 18	2263 20	1529 20	1137 25	940 25	895 23
1954	1954	4030 18	3943 18	3701 17	3133 16	2534 16	1913 15	1613 12	1680 10	1361 11
1955	1955	608 39	600 39	573 39	510 39	402 39	302 39	255 39	225 39	234 39
1956	1956	294 40	292 40	278 40	242 40	189 40	149 40	135 40	117 40	96.2 40
1957	1957	3490 21	3377 21	2951 22	2160 28	1454 30	1067 32	1016 30	876 29	606 32
1958	1958	1750 32	1740 32	1714 32	1650 32	1570 28	1500 23	1317 20	1145 18	1079 17
1959	1959	7700 8	7423 7	6754 6	5236 5	3932 4	2964 3	3060 2	2842 1	2345 3
1960	1960	5680 13	5490 14	4757 14	3724 13	2972 12	2215 10	1829 10	1576 11	1632 8
1961	1961	3140 24	3103 24	2924 23	2574 22	2193 21	1763 18	1423 16	1199 15	1111 15
1962	1962	890 38	873 38	828 38	761 38	673 38	578 37	516 37	471 37	403 37
1963	1963	1400 34	1390 34	1340 33	1197 33	1095 34	905 34	727 34	617 34	524 35
1964	1964	19600 1	17770 1	13960 1	9169 1	5481 1	3451 2	2456 5	1963 7	1635 7
1965	1965	3960 19	3907 19	3651 18	3071 17	2908 13	2473 8	2327 7	2205 6	1946 6
1966	1966	5640 14	5567 13	5234 13	4384 8	3560 7	2778 6	2381 6	2324 5	2145 5
1967	1967	3000 25	2983 25	2899 24	2503 24	1998 23	1507 22	1254 22	1141 19	1221 13
1968	1968	6930 11	6560 11	5570 10	4287 11	3114 10	1917 14	1375 18	1088 22	800 26
1969	1969	2050 31	2013 31	1944 31	1783 31	1395 32	1126 31	926 31	780 31	702 29
1970	1970	8570 6	8083 5	6926 5	5406 4	3891 5	2952 4	2865 3	2685 3	2211 4
1971	1971	2560 29	2513 29	2376 29	2277 25	2039 22	1442 25	1068 28	861 30	688 31

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SUWANNEE RIVER BASIN  
02322016 BLUES CREEK NEAR GAINESVILLE, FL

LOCATION.--Lat 29°43'41", long 82°25'54", in NW<sup>1</sup>/<sub>4</sub> sec.8, T.9 S., R.19 E., Alachua County, Hydrologic Unit 03080102, about 1 mi above sink, 1 mi northwest of University of Florida Agricultural Experiment Station, 6.0 mi southeast of Alachua and 7.6 mi northwest of Gainesville.

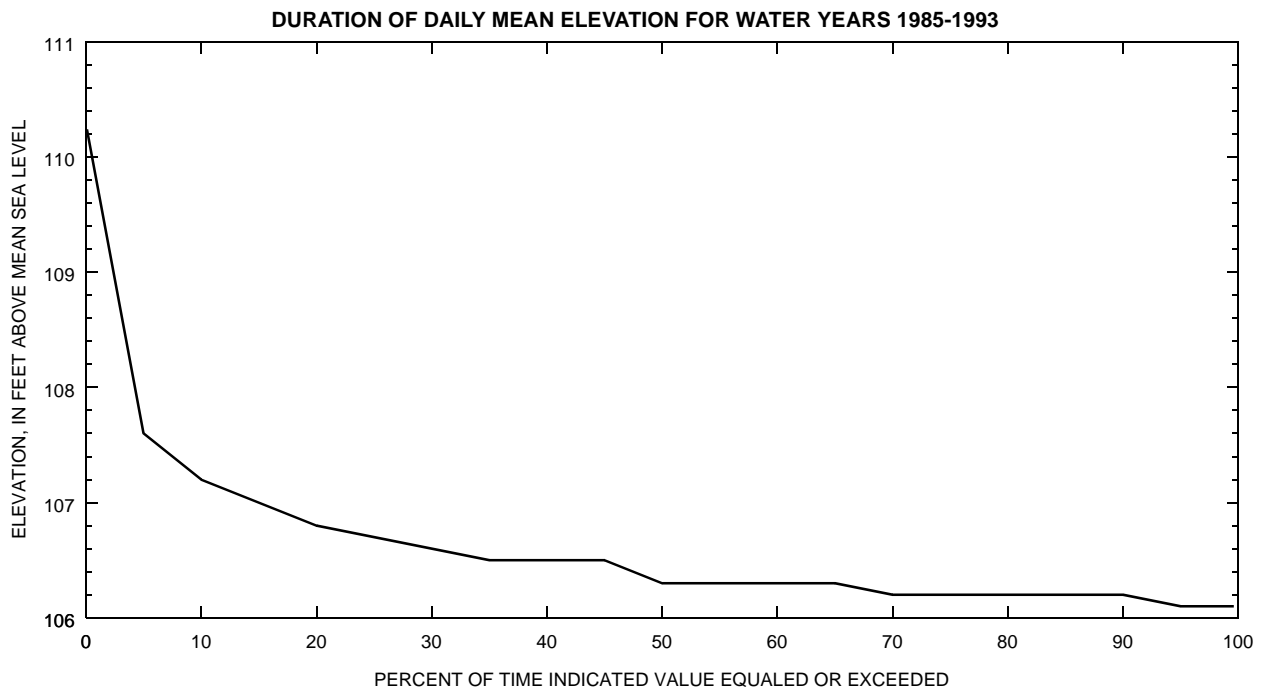
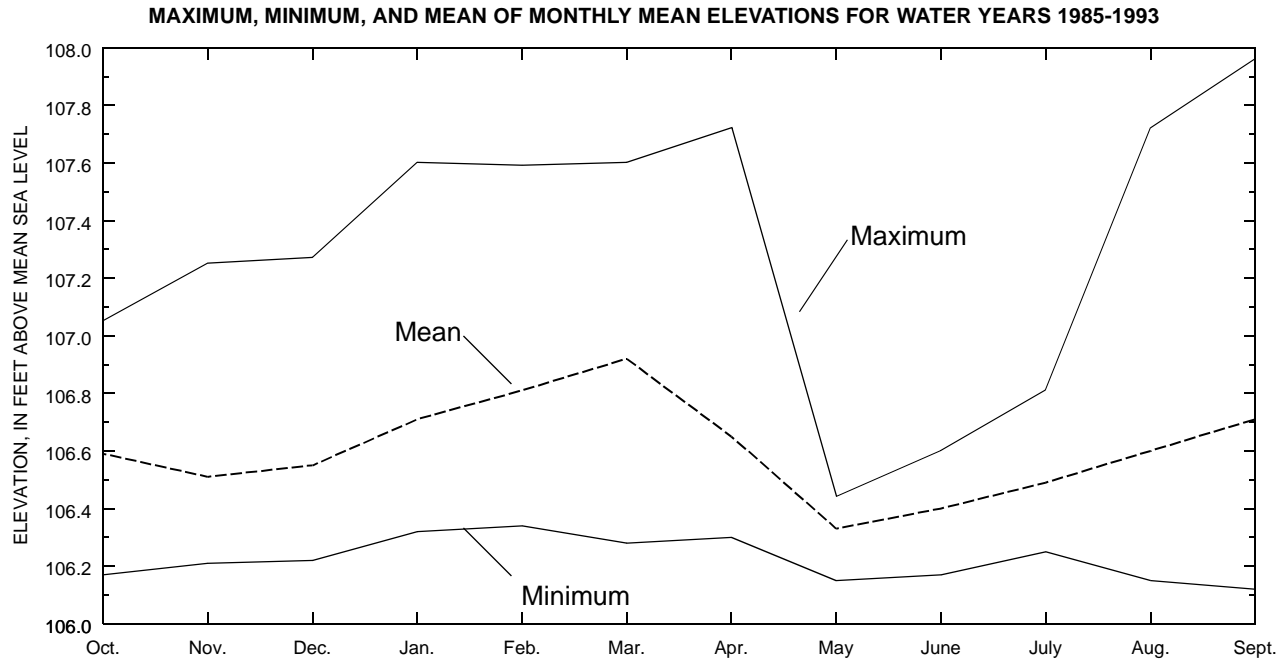
DRAINAGE AREA.--5.12 mi<sup>2</sup>, of which 2.5 mi<sup>2</sup> are noncontributing at low and medium discharge.

PERIOD OF RECORD.--June 1984 to 1993.

REVISED RECORDS.--WDR FL-88-4: 1985, 1987(M), WDR FL-92-4: Drainage Area.

GAGE.--Water-stage recorder. Elevation of the gage is 105 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges which are poor.

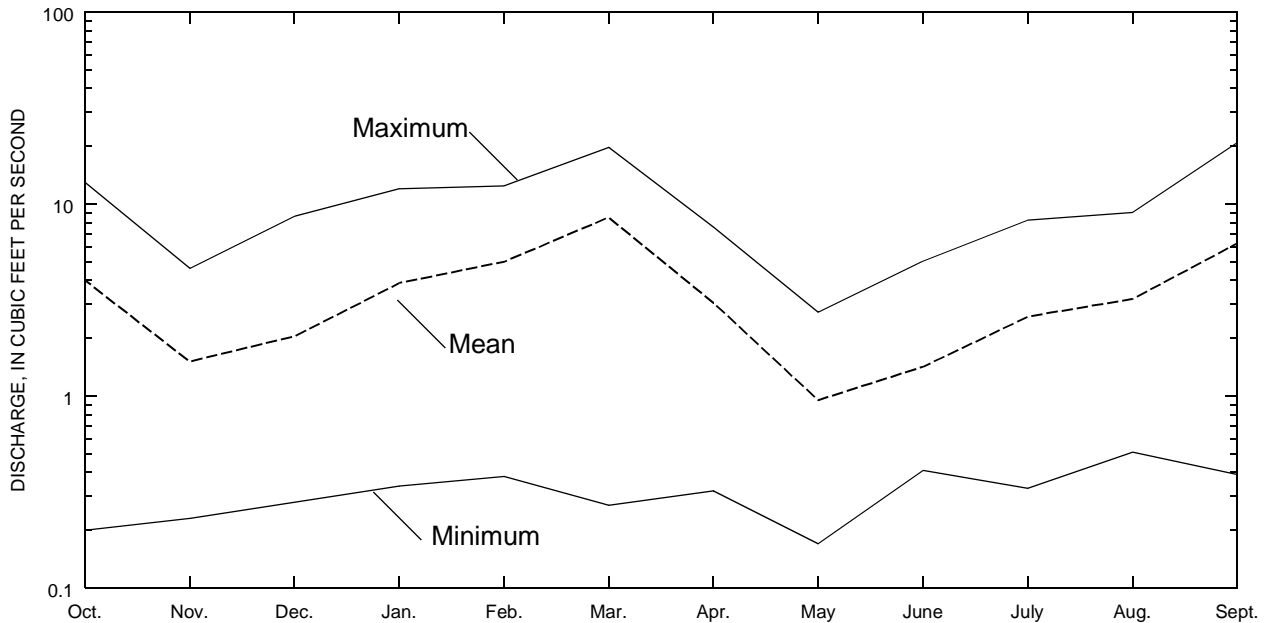


SUWANNEE RIVER BASIN  
 02322016 BLUES CREEK NEAR GAINESVILLE, FL--Continued

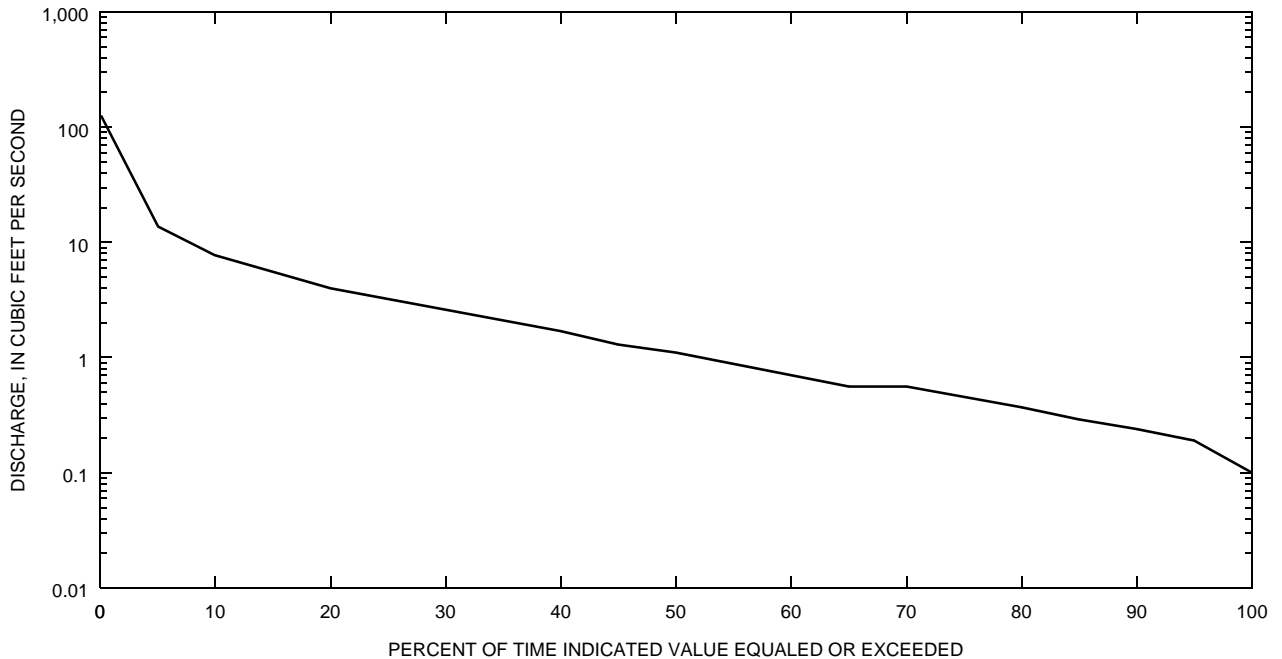
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
 FOR WATER YEARS 1985 - 1993**

ANNUAL MEAN	3.53	
HIGHEST ANNUAL MEAN	6.18	1987
LOWEST ANNUAL MEAN	.96	1989
HIGHEST DAILY MEAN	147	Sep 1 1985
LOWEST DAILY MEAN	.10	Jun 4 1989
ANNUAL SEVEN-DAY MINIMUM	.12	May 30 1989
INSTANTANEOUS PEAK FLOW	324	Aug 31 1985
INSTANTANEOUS PEAK ELEVATION (FT)	111.15	Aug 31 1985
INSTANTANEOUS LOW FLOW	.10	Jun 4 1989
ANNUAL RUNOFF (INCHES/CFSM)	18.31/0.69	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1985-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1985-1993**



SUWANNEE RIVER BASIN  
02322016 BLUES CREEK NEAR GAINESVILLE, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1985-1993**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	107.05	106.17	106.59	12.8	.20	4.01
NOVEMBER	107.25	106.21	106.51	4.57	.23	1.51
DECEMBER	107.27	106.22	106.55	8.56	.28	2.05
JANUARY	107.60	106.32	106.71	11.9	.34	3.88
FEBRUARY	107.59	106.34	106.81	12.3	.38	5.00
MARCH	107.60	106.28	106.92	19.5	.27	8.52
APRIL	107.72	106.30	106.65	7.52	.32	3.06
MAY	106.44	106.15	106.33	2.71	.17	.95
JUNE	106.60	106.17	106.40	5.00	.41	1.42
JULY	106.81	106.25	106.49	8.17	.33	2.59
AUGUST	107.72	106.15	106.60	8.97	.51	3.20
SEPTEMBER	107.96	106.12	106.71	20.7	.39	6.25

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1985-1993**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	106.1	106.2	106.2	106.2	106.2	106.3	106.2	106.2	106.2	106.1	106.2	106.1	106.1
90.0	106.2	106.2	106.2	106.2	106.3	106.3	106.2	106.3	106.2	106.2	106.2	106.1	106.1
85.0	106.2	106.2	106.2	106.2	106.3	106.3	106.2	106.3	106.2	106.2	106.2	106.3	106.2
80.0	106.2	106.2	106.2	106.2	106.3	106.3	106.4	106.3	106.3	106.2	106.3	106.2	106.2
75.0	106.2	106.3	106.3	106.3	106.3	106.3	106.4	106.4	106.3	106.3	106.3	106.2	106.2
70.0	106.2	106.4	106.3	106.3	106.3	106.4	106.4	106.4	106.3	106.3	106.3	106.3	106.2
65.0	106.3	106.4	106.3	106.3	106.4	106.4	106.5	106.4	106.3	106.3	106.3	106.3	106.2
60.0	106.3	106.4	106.3	106.4	106.4	106.5	106.6	106.4	106.3	106.3	106.3	106.3	106.3
55.0	106.3	106.4	106.3	106.5	106.5	106.5	106.7	106.4	106.3	106.3	106.3	106.3	106.3
50.0	106.3	106.4	106.3	106.5	106.5	106.6	106.8	106.5	106.3	106.3	106.4	106.3	106.3
45.0	106.5	106.5	106.4	106.5	106.5	106.6	106.9	106.5	106.3	106.3	106.4	106.3	106.4
40.0	106.5	106.5	106.4	106.6	106.5	106.7	106.9	106.5	106.4	106.4	106.4	106.4	106.6
35.0	106.5	106.6	106.5	106.6	106.6	106.7	106.8	107.0	106.6	106.4	106.4	106.5	106.7
30.0	106.6	106.7	106.6	106.6	106.7	106.9	107.1	107.1	106.6	106.4	106.5	106.5	106.7
25.0	106.7	106.9	106.6	106.7	106.9	107.1	107.3	107.3	106.7	106.4	106.5	106.5	106.8
20.0	106.8	106.9	106.7	106.8	107.2	107.2	107.4	107.4	106.7	106.4	106.5	106.6	107.0
15.0	107.0	107.0	106.7	106.8	107.3	107.4	107.6	107.6	106.8	106.4	106.6	106.7	107.4
10.0	107.2	107.1	107.0	107.1	107.5	107.6	107.8	107.8	107.0	106.5	106.7	106.8	107.6
5.0	107.6	107.6	107.1	107.2	107.9	107.9	108.3	107.3	106.5	106.9	107.2	107.6	108.0
DISCHARGE IN CUBIC FEET PER SECOND													
95.0	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.1
90.0	0.2	0.1	0.2	0.3	0.3	0.4	0.2	0.2	0.1	0.1	0.2	0.2	0.2
85.0	0.2	0.1	0.3	0.4	0.4	0.5	0.4	0.4	0.2	0.2	0.3	0.2	0.3
80.0	0.3	0.2	0.4	0.5	0.5	0.5	0.6	0.5	0.2	0.2	0.3	0.3	0.3
75.0	0.4	0.3	0.4	0.5	0.7	0.7	0.8	0.7	0.3	0.3	0.3	0.4	0.4
70.0	0.5	0.5	0.5	0.5	0.8	1.2	1.4	0.8	0.3	0.3	0.4	0.5	0.5
65.0	0.5	0.6	0.5	0.9	1.1	1.8	2.5	1.1	0.3	0.3	0.4	0.5	0.6
60.0	0.7	0.9	0.5	1.1	1.3	2.5	3.0	1.4	0.3	0.4	0.5	0.6	0.7
55.0	0.8	1.1	0.6	1.2	1.5	2.8	3.6	1.6	0.4	0.4	0.6	0.7	0.9
50.0	1.1	1.4	0.9	1.2	1.9	2.8	4.3	1.6	0.4	0.5	0.7	0.9	1.4
45.0	1.3	1.7	1.0	1.4	2.2	3.3	4.3	1.9	0.5	0.5	0.8	1.2	2.0
40.0	1.7	2.0	1.2	1.6	2.6	3.8	5.9	2.2	0.6	0.6	1.1	1.4	2.5
35.0	2.1	2.4	1.4	1.6	2.9	4.3	6.8	2.2	0.7	0.7	1.1	1.6	3.6
30.0	2.6	2.4	1.6	1.6	3.9	5.0	8.1	2.7	1.1	0.8	1.5	1.9	3.6
25.0	3.2	2.9	1.9	1.8	4.5	5.8	9.9	3.1	1.2	1.2	1.7	2.5	5.1
20.0	4.0	3.6	2.1	2.0	5.9	7.0	12.6	3.7	1.4	1.6	2.3	3.9	6.0
15.0	5.5	4.3	2.1	2.9	7.5	8.6	16.8	4.4	1.7	1.9	3.6	5.3	7.4
10.0	7.7	7.0	2.5	5.5	9.7	12.9	21.5	6.2	2.4	2.9	5.4	6.9	8.8
5.0	13.8	20.4	3.8	7.1	14.5	19.3	31.1	10.3	3.1	4.7	12.2	10.2	21.7

SUWANNEE RIVER BASIN  
02322016 BLUES CREEK NEAR GAINESVILLE, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1986 1987	106 4	106 4	106 4	106 4	106 4	106 4	107 4	107 4	107 4
1988 1989	106 3	106 3	106 3	106 3	106 3	106 3	106 3	106 2	106 3
1990 1991	106 2	106 1	106 1	106 1	106 1	106 1	106 1	106 1	106 1
1991 1992	106 1	106 2	106 2	106 2	106 2	106 2	106 2	106 3	106 2

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1986 1986	109 3	109 2	108 2	108 2	108 2	108 1	108 1	107 1	107 1
1988 1988	110 1	110 1	109 1	108 1	108 1	107 2	107 2	107 2	107 2
1990 1990	108 4	108 4	107 4	107 4	107 4	107 4	107 4	106 4	106 4
1991 1991	109 2	108 3	108 3	107 3	107 3	107 3	107 3	107 3	107 3

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1985 1986	.20 5	.20 5	.22 5	.35 6	.39 6	.44 3	.47 3	.51 2	5.02 8
1986 1987	.16 3	.16 3	.17 3	.18 3	.24 3	.53 6	.63 6	.95 6	2.12 5
1987 1988	.12 2	.12 2	.13 2	.13 1	.17 2	.47 4	.63 5	.72 5	.95 3
1988 1989	.24 6	.24 6	.25 6	.26 5	.29 4	.35 2	.43 2	.61 4	1.29 4
1989 1990	.10 1	.10 1	.12 1	.14 2	.15 1	.17 1	.31 1	.42 1	.66 1
1990 1991	.18 4	.19 4	.21 4	.22 4	.30 5	.49 5	.52 4	.52 3	.84 2
1991 1992	.45 8	.47 8	.48 7	.51 7	.55 7	.63 7	.82 7	1.64 7	2.81 6
1992 1993	.40 7	.41 7	.48 8	.58 8	.61 8	1.10 8	1.66 8	2.23 8	3.39 7

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1985 1985	147 1	121 1	71.3 1	40.7 1	25.4 1	14.2 2	9.62 3	7.35 3	5.02 6
1986 1986	36.0 7	30.0 7	21.7 7	13.9 7	9.01 6	8.81 5	7.92 4	6.43 5	5.46 5
1987 1987	123 2	91.7 2	58.7 3	32.4 3	20.3 3	17.6 1	15.4 1	13.8 1	10.9 1
1988 1988	95.0 3	84.0 3	63.9 2	36.6 2	21.7 2	14.0 3	11.0 2	8.70 2	6.13 3
1989 1989	9.10 9	5.97 9	5.04 9	3.60 9	2.25 9	1.76 9	1.77 9	1.58 9	1.26 9
1990 1990	28.0 8	23.7 8	15.2 8	12.2 8	8.18 8	5.14 8	3.84 8	3.02 8	2.55 8
1991 1991	52.0 5	37.0 6	25.7 6	16.0 5	14.7 4	9.97 4	7.54 5	6.92 4	6.87 2
1992 1992	49.0 6	38.7 5	26.2 5	14.8 6	8.41 7	6.50 7	5.88 7	4.97 7	3.92 7
1993 1993	85.0 4	63.3 4	43.4 4	24.2 4	13.1 5	7.50 6	6.16 6	5.18 6	5.60 4

SUWANNEE RIVER BASIN  
02322500 SANTA FE RIVER NEAR FORT WHITE, FL

LOCATION.--Lat 29°50'55", long 82°42'55", in SE<sup>1</sup>/<sub>4</sub> sec.28, T.7 S., R.16 E., Gilchrist County, Hydrologic Unit 03110206, on left bank 2.1 mi upstream from bridge on State Highway 47, 5.1 mi south of Fort White, and 18 mi upstream from mouth.

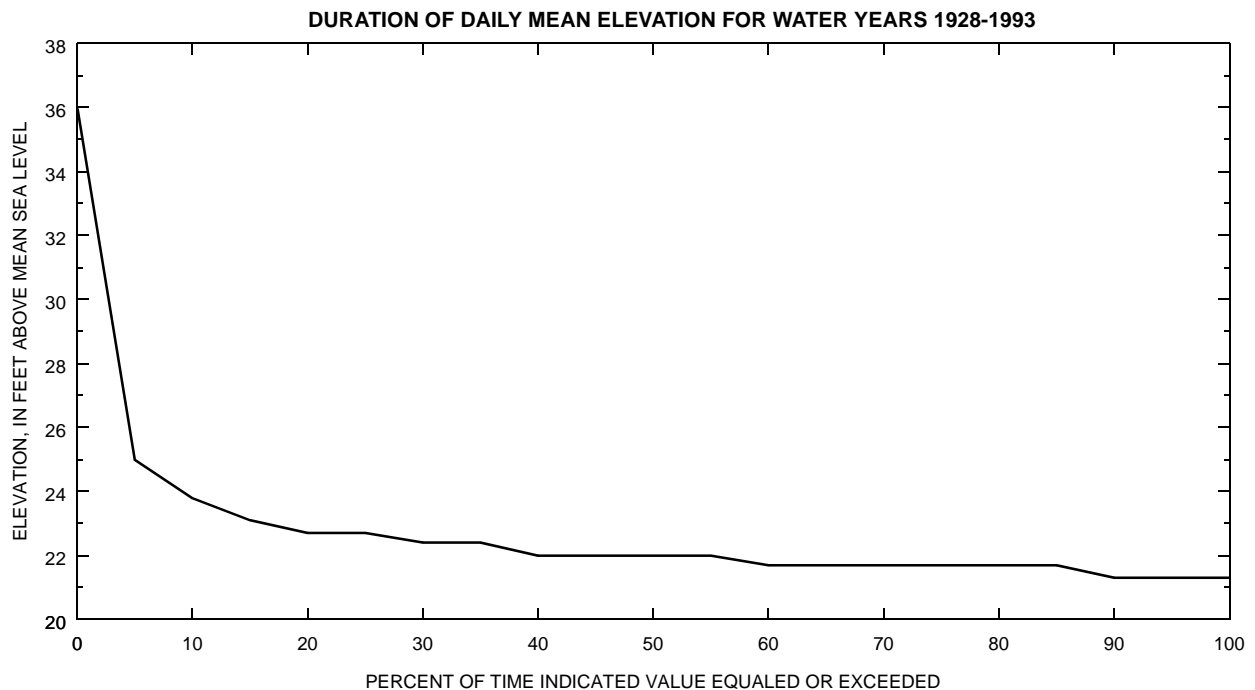
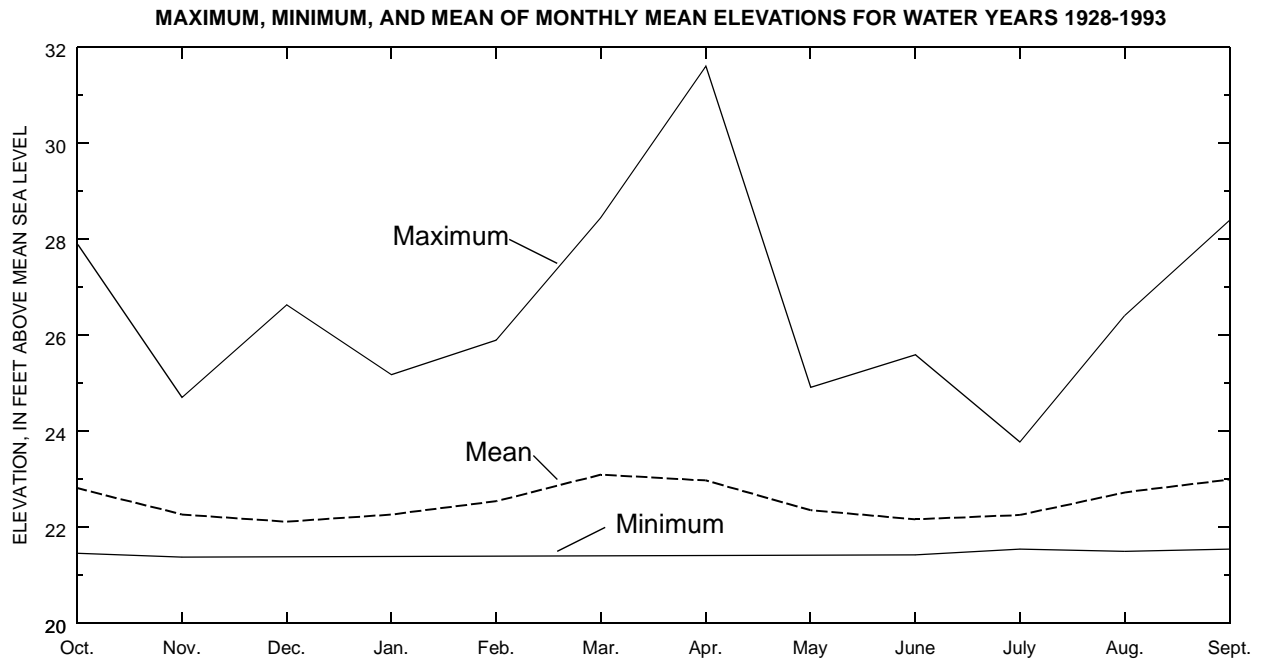
DRAINAGE AREA.--1,017 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1927 to January 1930, June 1932 to September 1993.

REVISED RECORDS.--WDR FL-75-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 20.86 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to June 3, 1932, nonrecording gage at several sites within 200 ft of present site at various datums. Oct. 1, 1947 to Feb. 10, 1949, auxiliary nonrecording gage and since Feb. 11, 1949, auxiliary water-stage recorder at bridge on U.S. Highway 129, 16 mi downstream from base gage at datum 3.5 ft above National Geodetic Vertical Datum of 1929.

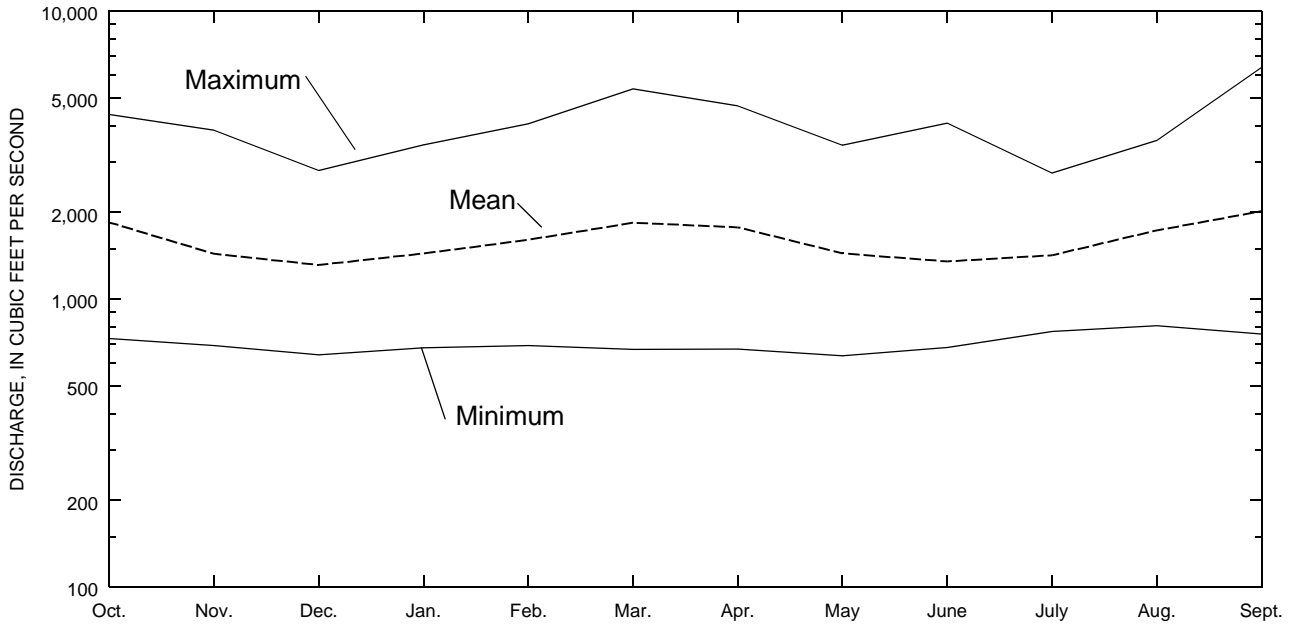
REMARKS.--Records fair, except for estimated daily discharges, which are poor.



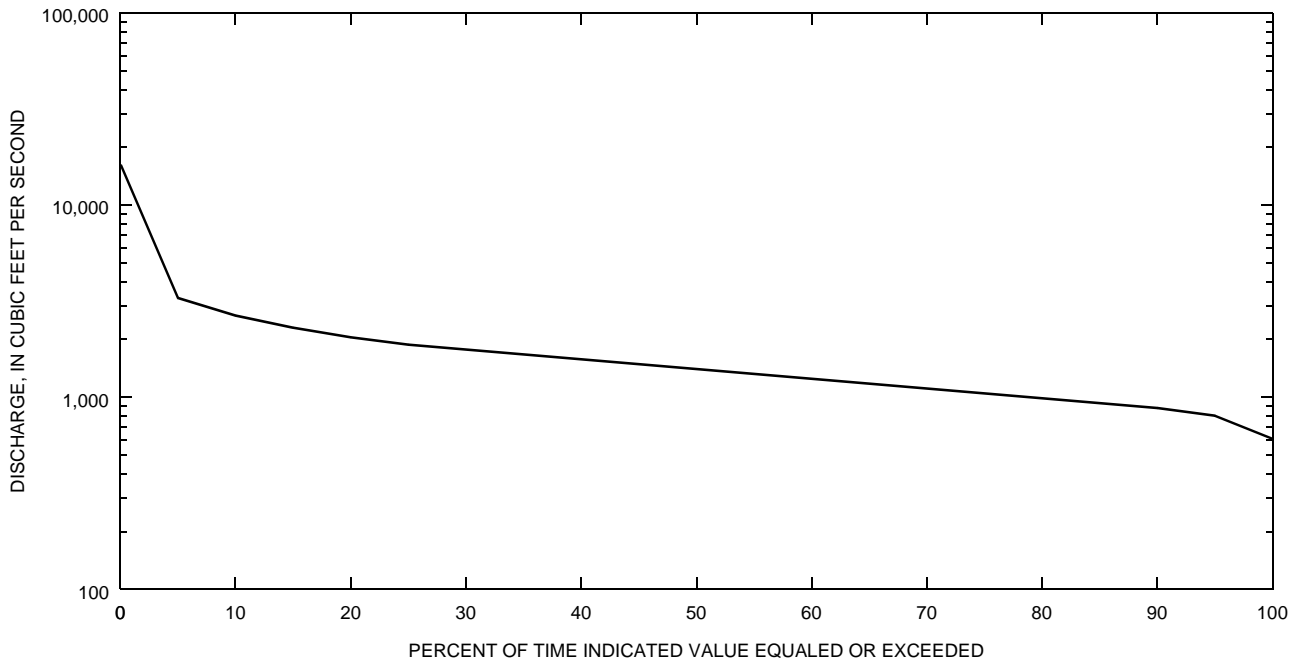
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
 FOR WATER YEARS 1928 - 1993**

ANNUAL MEAN	1602	
HIGHEST ANNUAL MEAN	3112	1948
LOWEST ANNUAL MEAN	724	1956
HIGHEST DAILY MEAN	16900	Sep 16 1964
LOWEST DAILY MEAN	608	Jan 7 1991
ANNUAL SEVEN-DAY MINIMUM	611	Jan 4 1991
INSTANTANEOUS PEAK FLOW	17000	Sep 16 1964
INSTANTANEOUS PEAK ELEVATION (FT)	36.20	Sep 16 1964
INSTANTANEOUS LOW FLOW	608	Jan 7 1991
ANNUAL RUNOFF (INCHES/CFSM)	21.40/1.58	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1928-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1928-1993**



SUWANNEE RIVER BASIN  
02322500 SANTA FE RIVER NEAR FORT WHITE, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1928-1993**

MONTH	ELEVATION, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	27.89	21.46	22.82	4357	730	1846
NOVEMBER	24.69	21.38	22.27	3840	691	1436
DECEMBER	26.62	21.35	22.12	2778	641	1314
JANUARY	25.17	21.35	22.27	3415	678	1441
FEBRUARY	25.89	21.35	22.55	4044	691	1608
MARCH	28.44	21.34	23.10	5345	670	1843
APRIL	31.58	21.35	22.98	4668	671	1775
MAY	24.90	21.38	22.36	3409	636	1442
JUNE	25.58	21.43	22.17	4063	679	1352
JULY	23.76	21.55	22.26	2728	773	1420
AUGUST	26.40	21.50	22.73	3545	808	1734
SEPTEMBER	28.38	21.55	23.00	6344	756	2020

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1928-1993**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	21.3	21.6	21.4	21.3	21.5	21.5	21.3	21.3	21.3	21.4	21.5	21.4	21.5
90.0	21.3	21.6	21.5	21.5	21.5	21.5	21.6	21.3	21.5	21.4	21.6	21.7	21.8
85.0	21.7	21.8	21.5	21.5	21.5	21.5	21.6	21.6	21.5	21.4	21.7	21.7	21.8
80.0	21.7	21.8	21.5	21.5	21.5	21.7	21.6	21.6	21.5	21.7	21.7	21.9	21.8
75.0	21.7	21.8	21.7	21.7	21.7	21.7	21.6	21.6	21.5	21.7	21.7	21.9	21.8
70.0	21.7	21.8	21.7	21.7	21.7	21.7	21.6	21.6	21.7	21.7	21.8	21.9	21.8
65.0	21.7	21.8	21.7	21.7	21.7	21.9	21.9	21.6	21.7	21.7	21.8	22.1	22.2
60.0	21.7	22.0	21.7	21.7	21.8	21.9	21.9	22.0	21.7	21.7	21.8	22.1	22.2
55.0	22.0	22.0	21.7	21.8	21.8	22.0	21.9	22.0	21.9	21.7	21.9	22.1	22.2
50.0	22.0	22.0	21.9	21.8	21.8	22.0	22.2	22.0	21.9	21.9	21.9	22.3	22.5
45.0	22.0	22.3	21.9	21.8	21.8	22.2	22.2	22.3	21.9	21.9	22.0	22.3	22.5
40.0	22.0	22.3	21.9	22.0	22.0	22.4	22.5	22.3	22.2	21.9	22.1	22.6	22.5
35.0	22.4	22.5	22.1	22.0	22.0	22.4	22.8	22.6	22.2	21.9	22.2	22.6	22.9
30.0	22.4	22.7	22.3	22.0	22.3	22.6	23.1	22.9	22.4	21.9	22.4	22.8	22.9
25.0	22.7	23.0	22.5	22.2	22.5	22.8	23.4	23.3	22.6	22.2	22.5	23.1	23.2
20.0	22.7	23.5	22.7	22.3	22.7	23.0	24.0	23.6	22.8	22.2	22.7	23.3	23.6
15.0	23.1	24.2	22.7	22.5	23.0	23.3	25.3	24.3	23.0	22.5	22.9	23.8	24.0
10.0	23.8	25.0	22.9	22.7	23.4	23.9	26.3	25.4	23.2	22.5	23.1	24.0	24.3
5.0	25.0	26.3	23.8	23.4	24.3	25.1	27.0	26.5	24.8	23.3	23.7	24.5	26.3

DISCHARGE IN CUBIC FEET PER SECOND

95.0	800.8	800.9	767.9	761.9	751.7	832.5	809.5	820.2	781.1	752.7	815.8	823.2	810.0
90.0	877.3	973.4	893.4	858.0	860.4	873.8	908.4	905.9	856.5	834.7	880.5	908.3	1011.7
85.0	937.7	1044.8	927.2	898.4	898.2	952.8	972.5	963.4	897.5	879.5	934.3	1014.1	1098.8
80.0	993.7	1103.2	966.7	928.0	955.9	1021.3	1033.3	1016.1	945.9	919.1	986.6	1103.3	1164.8
75.0	1045.9	1158.3	1016.8	956.8	1010.9	1082.7	1097.1	1069.0	988.4	958.3	1038.8	1170.8	1241.1
70.0	1097.7	1222.1	1084.0	1004.1	1056.6	1122.0	1166.4	1120.2	1026.9	993.1	1080.3	1241.0	1329.5
65.0	1150.4	1284.5	1124.9	1050.6	1097.2	1162.9	1210.2	1169.1	1075.1	1028.0	1108.7	1319.0	1427.6
60.0	1203.2	1342.0	1158.5	1096.7	1132.4	1246.7	1252.7	1236.3	1128.1	1063.9	1141.1	1418.5	1519.0
55.0	1266.1	1403.1	1191.2	1149.7	1172.5	1320.8	1333.6	1327.3	1180.1	1100.4	1185.9	1512.6	1621.6
50.0	1333.5	1467.8	1246.7	1202.1	1217.3	1403.9	1463.9	1426.0	1241.1	1140.2	1231.9	1581.2	1723.2
45.0	1425.4	1545.1	1315.6	1251.7	1267.7	1505.2	1591.6	1540.8	1314.4	1194.5	1286.0	1660.6	1817.0
40.0	1526.1	1634.3	1387.4	1294.4	1338.2	1589.1	1738.5	1675.9	1387.8	1254.6	1400.3	1760.9	1928.8
35.0	1628.5	1742.0	1469.4	1345.3	1457.7	1672.4	1888.2	1828.9	1485.3	1319.8	1548.7	1864.6	2061.5
30.0	1744.6	1926.6	1582.7	1408.6	1551.9	1770.3	2046.5	2012.3	1598.0	1432.4	1623.7	1980.3	2233.8
25.0	1879.8	2157.6	1718.2	1525.3	1670.1	1916.3	2223.0	2227.8	1743.2	1539.1	1718.7	2135.7	2424.0
20.0	2052.9	2399.7	1866.4	1634.7	1826.2	2072.3	2461.2	2455.7	1872.2	1635.9	1839.2	2310.2	2605.8
15.0	2294.6	2799.3	1985.7	1725.2	2095.9	2323.3	2802.3	2786.9	2012.6	1741.7	2023.2	2528.0	2831.3
10.0	2658.2	3330.3	2131.4	1858.5	2361.8	2680.2	3305.4	3088.6	2195.3	1912.2	2195.0	2873.3	3296.0
5.0	3283.3	4081.9	2502.2	2465.6	2808.5	3186.7	4108.0	3784.8	2662.8	2608.9	2541.8	3185.7	4361.6

SUWANNEE RIVER BASIN  
02322500 SANTA FE RIVER NEAR FORT WHITE, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1928 1929	21.7 20	21.7 19	21.8 21	21.8 24	22.5 35	22.7 34	22.8 35	22.9 34	23.9 35
1934 1935	21.6 12	21.6 12	21.6 12	21.6 12	21.6 12	21.6 12	21.6 12	21.7 11	21.8 9
1935 1936	21.4 4	21.4 4	21.5 4	21.5 4	21.5 4	21.5 4	21.5 3	21.5 4	22.5 29
1936 1937	21.8 27	21.8 28	21.8 28	21.9 28	21.9 27	21.9 27	22.0 27	22.0 26	22.0 21
1937 1938	22.0 32	22.0 32	22.0 32	22.0 32	22.0 31	22.1 31	22.2 30	22.3 30	22.7 31
1938 1939	21.7 18	21.7 18	21.7 18	21.7 18	21.7 19	21.8 19	21.8 19	21.8 17	22.0 19
1939 1940	21.7 16	21.7 16	21.7 16	21.7 16	21.7 16	21.7 16	21.8 18	21.9 23	22.0 20
1941 1942	21.7 21	21.7 21	21.7 20	21.7 20	21.8 20	21.8 20	21.9 23	22.2 29	22.3 28
1942 1943	21.8 25	21.8 25	21.8 25	21.8 25	21.8 24	21.8 24	21.8 22	21.9 21	22.0 18
1943 1944	21.5 10	21.5 10	21.5 10	21.5 10	21.5 10	21.6 9	21.6 6	21.6 6	21.6 4
1945 1946	21.7 17	21.7 17	21.7 17	21.7 17	21.7 17	21.7 17	21.8 16	21.8 16	22.2 27
1956 1957	21.3 1	21.3 1	21.3 2	21.3 1	21.3 1	21.3 1	21.4 1	21.4 1	21.5 2
1958 1959	21.8 28	21.8 27	21.8 27	21.8 27	21.9 26	21.9 26	21.9 26	22.0 25	22.2 25
1961 1962	21.6 15	21.6 15	21.6 15	21.6 15	21.7 15	21.7 14	21.7 14	21.7 14	21.9 13
1962 1963	21.5 11	21.5 11	21.6 11	21.6 11	21.6 11	21.6 11	21.6 8	21.6 7	21.7 7
1963 1964	21.5 9	21.5 9	21.5 9	21.5 8	21.5 8	21.5 8	21.6 10	21.8 15	21.9 15
1964 1965	21.9 30	21.9 30	21.9 30	21.9 30	21.9 28	22.0 30	22.4 32	22.7 32	23.8 34
1965 1966	22.3 35	22.3 35	22.3 35	22.3 35	22.4 34	22.7 35	22.8 34	23.0 35	23.4 33
1966 1967	22.3 34	22.3 34	22.3 34	22.3 34	22.4 33	22.4 33	22.5 33	22.7 33	23.1 32
1967 1968	21.8 26	21.8 26	21.8 26	21.8 26	21.8 25	21.8 25	21.9 24	21.9 22	21.9 14
1974 1975	21.5 7	21.5 7	21.5 7	21.5 9	21.5 9	21.5 6	21.6 9	21.7 9	21.8 11
1975 1976	21.6 14	21.6 14	21.6 14	21.6 14	21.6 14	21.7 15	21.7 15	21.7 13	21.8 12
1976 1977	21.5 6	21.5 6	21.5 6	21.5 6	21.5 6	21.6 10	21.6 11	21.7 10	21.7 6
1977 1978	21.4 3	21.4 3	21.4 3	21.4 3	21.4 3	21.5 3	21.5 4	21.5 3	21.5 3
1978 1979	21.7 19	21.7 20	21.7 19	21.7 19	21.7 18	21.7 18	21.8 17	21.8 18	22.0 17
1979 1980	21.8 24	21.8 24	21.8 24	21.8 23	21.8 23	21.8 23	21.9 25	21.9 24	22.1 22
1980 1981	21.6 13	21.6 13	21.6 13	21.6 13	21.6 13	21.6 13	21.6 13	21.7 12	21.8 10
1981 1982	21.3 2	21.3 2	21.3 1	21.3 2	21.3 2	21.4 2	21.4 2	21.4 2	21.5 1
1983 1984	22.1 33	22.1 33	22.1 33	22.1 33	22.2 32	22.3 32	22.4 31	22.4 31	22.5 30
1984 1985	21.9 31	21.9 31	21.9 31	21.9 31	21.9 30	22.0 28	22.0 29	22.0 27	22.1 24
1986 1987	21.8 23	21.8 23	21.8 22	21.8 21	21.8 21	21.8 22	21.8 20	21.9 19	22.0 16
1987 1988	21.9 29	21.9 29	21.9 29	21.9 29	21.9 29	22.0 29	22.0 28	22.0 28	22.2 26
1988 1989	21.8 22	21.8 22	21.8 23	21.8 22	21.8 22	21.8 21	21.8 21	21.9 20	22.1 23
1989 1990	21.5 5	21.5 5	21.5 5	21.5 5	21.5 5	21.5 5	21.5 5	21.5 5	21.6 5
1991 1992	21.5 8	21.5 8	21.5 8	21.5 7	21.5 7	21.5 7	21.6 7	21.6 8	21.8 8

SUWANNEE RIVER BASIN  
02322500 SANTA FE RIVER NEAR FORT WHITE, FL--Continued

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183
1929	1929	29.3 4	29.3 4	29.2 4	29.0 3	28.0 3	25.7 8	24.7 8	24.3 7	23.9 6
1934	1934	31.7 2	31.3 2	30.0 3	28.0 5	25.9 11	24.4 12	24.0 10	23.6 10	22.9 13
1935	1935	29.0 5	28.8 5	28.4 6	27.8 6	26.8 8	24.6 10	23.6 13	23.1 15	22.5 20
1936	1936	26.4 14	26.1 16	25.6 16	24.8 17	24.0 20	23.3 21	22.9 20	22.7 20	22.7 18
1937	1937	25.3 20	25.2 20	24.8 21	24.5 21	24.0 21	23.5 17	23.4 15	23.1 14	22.8 17
1938	1938	28.6 8	26.7 13	26.4 13	25.5 13	24.4 15	23.5 16	23.1 19	22.9 18	22.7 19
1939	1939	26.3 16	26.2 15	25.6 15	24.7 19	23.7 22	23.0 23	22.8 22	22.6 21	22.3 21
1940	1940	23.0 32	23.0 32	22.9 33	22.7 32	22.7 31	22.5 29	22.3 29	22.2 29	22.1 27
1942	1942	28.9 6	28.7 7	27.8 7	27.1 8	26.9 6	26.1 4	25.4 4	25.2 4	25.0 1
1943	1943	22.8 34	22.8 34	22.7 34	22.5 34	22.3 34	22.2 33	22.1 33	22.1 33	22.0 33
1944	1944	25.0 21	25.0 21	24.9 20	24.7 18	24.4 16	23.7 14	23.2 17	22.8 19	22.9 16
1952	1952	23.1 31	23.1 30	23.1 30	23.0 30	22.8 29	22.5 28	22.4 27	22.3 26	22.2 26
1956	1956	21.9 37	21.9 37	21.9 37	21.8 37	21.8 37	21.7 37	21.7 37	21.6 37	21.5 37
1961	1961	25.3 19	25.3 19	25.2 19	25.0 16	24.5 14	23.7 15	23.3 16	23.1 16	22.9 15
1962	1962	22.5 35	22.5 36	22.5 36	22.4 35	22.3 35	22.1 35	22.0 34	22.0 34	21.9 34
1963	1963	22.9 33	22.9 33	22.9 32	22.8 31	22.7 30	22.5 30	22.2 31	22.1 32	22.0 32
1964	1964	36.1 1	35.8 1	34.6 1	32.1 1	28.4 2	26.0 6	24.7 7	24.0 8	23.8 8
1965	1965	27.8 12	27.6 11	27.3 11	27.0 10	26.8 7	26.3 3	25.5 3	25.5 3	25.0 2
1966	1966	28.7 7	28.7 6	28.6 5	28.1 4	27.5 4	26.0 5	25.3 5	25.1 5	24.7 4
1967	1967	25.6 18	25.6 18	25.5 17	25.1 15	24.2 17	23.5 18	23.1 18	23.0 17	23.1 10
1969	1969	23.7 25	23.7 24	23.6 24	23.4 25	23.0 25	22.7 25	22.5 25	22.3 25	22.2 25
1971	1971	24.6 22	24.6 22	24.5 22	24.3 22	24.1 18	23.3 20	22.8 21	22.5 23	22.3 22
1974	1974	24.2 23	24.2 23	24.0 23	23.7 23	23.5 23	23.2 22	22.8 23	22.5 24	22.2 23
1975	1975	23.7 27	23.6 26	23.6 25	23.3 26	22.9 28	22.4 31	22.3 30	22.2 30	22.1 28
1976	1976	23.2 30	23.1 31	22.9 31	22.7 33	22.5 33	22.2 34	22.0 35	21.9 35	21.8 35
1977	1977	23.6 28	23.6 28	23.5 26	23.5 24	23.2 24	23.0 24	22.8 24	22.6 22	22.2 24
1978	1978	25.7 17	25.7 17	25.4 18	24.6 20	24.1 19	23.4 19	23.4 14	23.2 13	23.1 11
1979	1979	23.5 29	23.3 29	23.2 29	23.1 29	22.6 32	22.3 32	22.2 32	22.2 31	22.1 31
1980	1980	26.4 15	26.2 14	25.9 14	25.2 14	24.9 13	24.3 13	23.7 12	23.3 12	22.9 14
1981	1981	22.5 36	22.5 35	22.5 35	22.3 36	22.2 36	22.0 36	21.9 36	21.8 36	21.8 36
1983	1983	26.9 13	26.9 12	26.8 12	26.6 12	26.3 9	25.9 7	25.0 6	24.4 6	23.8 7
1984	1984	30.3 3	30.3 3	30.2 2	29.8 2	28.8 1	27.5 1	26.3 1	25.7 1	24.8 3
1986	1986	28.0 10	27.9 9	27.7 10	27.1 9	26.1 10	24.8 9	24.2 9	23.7 9	23.3 9
1987	1987	27.9 11	27.9 10	27.7 9	27.6 7	27.1 5	26.7 2	26.3 2	25.5 2	24.5 5
1988	1988	28.5 9	28.4 8	27.8 8	26.7 11	25.5 12	24.5 11	23.9 11	23.5 11	23.0 12
1989	1989	23.7 26	23.6 27	23.5 28	23.3 27	22.9 26	22.6 27	22.4 28	22.2 28	22.1 30
1992	1992	23.7 24	23.7 25	23.5 27	23.2 28	22.9 27	22.6 26	22.4 26	22.3 27	22.1 29

SUWANNEE RIVER BASIN  
02322500 SANTA FE RIVER NEAR FORT WHITE, FL--Continued

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1928 1929	1000 34	1000 34	1016 34	1058 40	1543 58	1704 59	1826 59	1880 58	2395 60
1933 1934	838 15	845 15	846 15	852 15	858 13	868 12	875 10	891 9	970 8
1934 1935	764 7	764 7	766 7	767 7	784 8	828 8	866 9	899 10	1012 13
1935 1936	690 6	692 6	695 6	699 6	712 6	731 6	745 5	767 5	1464 43
1936 1937	1020 35	1020 35	1026 37	1029 34	1050 35	1063 33	1105 35	1123 30	1156 21
1937 1938	1140 50	1167 52	1174 52	1177 52	1194 51	1244 51	1317 52	1388 50	1737 52
1938 1939	954 30	954 29	957 29	962 29	975 29	994 26	1032 25	1064 25	1204 24
1939 1940	862 18	866 19	872 20	881 20	900 19	920 18	1004 23	1118 29	1218 27
1940 1941	864 19	864 18	868 18	875 19	886 18	909 17	949 16	987 16	1078 15
1941 1942	912 25	917 25	923 25	929 25	943 24	998 27	1070 28	1293 48	1437 41
1942 1943	1030 39	1037 40	1050 40	1056 39	1066 37	1075 36	1100 33	1134 31	1242 29
1943 1944	810 10	810 10	813 10	817 10	820 10	830 9	828 6	833 6	874 5
1944 1945	903 23	903 23	903 23	908 23	925 22	967 23	1136 40	1409 52	1645 49
1945 1946	930 27	933 27	934 27	937 27	943 25	957 22	987 19	1032 21	1376 37
1946 1947	1060 43	1073 44	1077 44	1087 44	1110 45	1270 54	1345 53	1426 53	1745 53
1947 1948	1050 41	1050 41	1053 41	1059 41	1086 41	1145 46	1162 42	1219 42	1506 44
1948 1949	1640 61	1640 61	1641 61	1656 61	1688 60	1793 60	1863 60	1979 60	2209 58
1949 1950	1180 54	1187 55	1200 55	1216 55	1225 54	1255 52	1315 51	1402 51	1606 47
1950 1951	1020 36	1020 36	1020 35	1023 32	1038 32	1068 34	1087 30	1176 38	1564 46
1951 1952	1020 37	1020 37	1021 36	1028 33	1047 34	1074 35	1091 31	1097 28	1108 17
1952 1953	896 22	896 22	898 22	902 22	909 21	922 19	941 15	959 14	976 10
1953 1954	930 28	933 28	956 28	1030 35	1080 39	1094 38	1125 39	1235 43	1679 50
1954 1955	851 16	857 16	863 16	866 16	874 16	885 14	898 13	923 12	974 9
1955 1956	658 4	658 4	661 4	662 4	671 4	677 3	680 2	680 1	694 1
1956 1957	633 3	636 3	639 3	648 3	669 3	686 4	697 3	728 3	754 3
1957 1958	617 2	617 2	623 2	626 2	635 2	659 2	1070 29	1093 27	1214 26
1958 1959	1050 42	1050 42	1054 42	1066 42	1086 42	1096 39	1118 37	1155 35	1314 32
1959 1960	1430 57	1437 57	1443 57	1456 57	1495 56	1550 56	1595 55	1706 57	1938 55
1960 1961	1480 58	1487 58	1489 58	1499 58	1518 57	1570 57	1645 57	1694 56	1993 56
1961 1962	984 33	984 32	987 31	996 30	1013 30	1024 30	1047 27	1081 26	1194 23
1962 1963	872 20	872 20	872 19	874 18	880 17	888 16	898 11	920 11	976 11
1963 1964	768 8	773 9	775 9	777 9	794 9	850 10	920 14	1005 17	1154 20
1964 1965	1170 53	1170 53	1176 53	1179 53	1192 50	1263 53	1465 54	1538 54	2438 61
1965 1966	1520 60	1520 59	1529 59	1546 59	1609 59	1805 61	1915 61	2056 61	2314 59
1966 1967	1510 59	1523 60	1547 60	1596 60	1688 61	1696 58	1755 58	1905 59	2202 57
1967 1968	1090 46	1090 46	1099 47	1111 47	1141 47	1142 45	1165 44	1169 37	1208 25
1968 1969	980 32	983 31	993 33	1003 31	1013 31	1017 29	1029 24	1049 24	1539 45
1969 1970	1090 47	1090 47	1093 46	1099 46	1105 44	1131 43	1183 46	1251 45	1407 38
1970 1971	1140 51	1147 50	1149 50	1154 50	1180 49	1223 48	1238 49	1247 44	1358 35
1971 1972	950 29	955 30	959 30	961 28	968 28	978 25	998 21	1042 22	1442 42
1972 1973	1150 52	1150 51	1157 51	1169 51	1195 52	1234 49	1282 50	1322 49	1616 48
1973 1974	854 17	862 17	863 17	873 17	903 20	939 21	987 20	1012 19	1087 16
1974 1975	819 11	823 11	826 11	830 11	861 14	935 20	977 18	1010 18	1132 18
1975 1976	911 24	914 24	920 24	925 24	947 27	1006 28	1035 26	1019 20	1144 19
1976 1977	835 13	841 14	842 14	846 14	865 15	887 15	952 17	979 15	988 12
1977 1978	768 9	768 8	768 8	769 8	775 7	807 7	836 7	858 7	886 6
1978 1979	1020 38	1030 38	1039 39	1039 37	1042 33	1060 32	1091 32	1143 32	1250 30
1979 1980	1080 45	1083 45	1087 45	1088 45	1096 43	1114 42	1163 43	1212 41	1326 33
1980 1981	835 14	835 13	839 13	842 13	850 12	874 13	898 12	924 13	1029 14
1981 1982	674 5	674 5	677 5	684 5	689 5	704 5	718 4	744 4	791 4
1982 1983	971 31	985 33	989 32	1041 38	1067 38	1099 40	1137 41	1196 39	1414 39
1983 1984	1350 56	1350 56	1366 56	1384 56	1433 55	1547 55	1603 56	1624 55	1708 51
1984 1985	1180 55	1183 54	1186 54	1193 54	1208 53	1240 50	1237 48	1251 46	1312 31
1985 1986	1100 48	1103 48	1107 48	1111 48	1121 46	1139 44	1175 45	1204 40	1760 54
1986 1987	1070 44	1070 43	1074 43	1079 43	1085 40	1105 41	1121 38	1151 34	1240 28
1987 1988	1110 49	1117 49	1123 49	1131 49	1153 48	1197 47	1212 47	1272 47	1426 40
1988 1989	1030 40	1030 39	1030 38	1036 36	1055 36	1080 37	1106 36	1146 33	1346 34
1989 1990	821 12	823 12	827 12	837 12	840 11	857 11	866 8	878 8	949 7
1990 1991	608 1	608 1	611 1	615 1	626 1	644 1	663 1	684 2	720 2
1991 1992	921 26	925 26	931 26	934 26	945 26	974 24	999 22	1045 23	1174 22
1992 1993	888 21	893 21	896 21	902 21	937 23	1045 31	1102 34	1168 36	1364 36

SUWANNEE RIVER BASIN  
02322500 SANTA FE RIVER NEAR FORT WHITE, FL--Continued

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1928 1928	4750 24	4740 24	4700 23	4522 18	4169 11	3781 6	3293 7	2855 9	2711 7
1929 1929	4530 28	4530 27	4513 25	4479 19	4214 10	3266 11	2717 15	2551 14	2387 12
1933 1933	2810 46	2797 46	2776 44	2659 42	2270 44	1834 48	1585 49	1435 51	1461 43
1934 1934	11100 3	10580 3	8667 4	6306 4	4460 6	3210 12	2883 11	2547 15	1979 25
1935 1935	6280 16	6007 16	5607 16	5075 9	4421 7	2884 22	2197 30	1830 33	1464 42
1936 1936	4060 34	3863 35	3513 38	2943 40	2441 40	2015 42	1803 45	1667 42	1687 36
1937 1937	3620 39	3573 39	3303 39	2781 41	2478 38	2232 38	2128 32	1982 30	1737 34
1938 1938	4730 25	4680 25	4380 26	3721 27	2961 33	2263 36	1980 37	1891 32	1745 33
1939 1939	4250 31	4133 31	3753 33	3121 35	2470 39	1991 43	1865 41	1695 41	1431 46
1940 1940	1930 57	1930 57	1870 57	1729 57	1705 55	1574 53	1448 53	1332 55	1277 53
1941 1941	2940 44	2897 44	2770 45	2471 47	2139 47	1979 44	1811 43	1620 45	1437 45
1942 1942	7280 10	7060 11	6104 11	4947 12	4415 8	3798 5	3500 5	3423 4	3374 2
1943 1943	1760 58	1733 58	1707 58	1642 58	1557 58	1450 57	1381 56	1324 56	1238 56
1944 1944	3330 40	3283 40	3200 40	3078 36	2864 34	2428 31	2012 35	1742 39	1769 30
1945 1945	9160 5	8660 5	7394 5	5563 7	3955 13	2780 23	2401 24	2243 23	1933 27
1946 1946	3820 36	3767 37	3657 35	3375 33	3152 27	2920 20	2756 14	2584 13	2196 19
1947 1947	7980 6	7653 8	5204 18	3025 37	2513 37	2120 41	1887 40	1762 37	1755 32
1948 1948	11800 2	11430 2	10070 2	7687 2	6433 1	5161 1	4316 1	3923 1	3676 1
1949 1949	5420 19	5333 19	5003 19	4325 22	3470 23	2682 24	2427 23	2268 22	2206 18
1950 1950	7240 11	7067 10	6266 9	4806 14	3387 24	2331 33	2044 34	1795 36	1600 39
1951 1951	7440 9	7280 9	6590 8	5225 8	3936 14	3036 16	2603 17	2329 20	1982 24
1952 1952	2010 56	1997 56	1967 56	1914 55	1761 52	1539 54	1411 55	1353 53	1309 51
1953 1953	4400 30	4400 29	4304 27	3918 25	3179 26	2372 32	1941 38	1736 40	1679 38
1954 1954	5080 21	5017 20	4789 20	4206 23	3547 22	2922 19	2585 18	2682 11	2341 14
1955 1955	1300 62	1287 62	1261 62	1193 62	1113 62	1029 62	991 62	963 62	973 61
1956 1956	918 63	910 63	908 63	890 63	861 63	834 63	814 63	779 63	754 63
1957 1957	4090 33	4013 33	3620 36	2961 39	2299 43	1863 47	1775 46	1618 46	1288 52
1958 1958	2450 50	2440 50	2433 48	2357 48	2202 45	2168 39	1982 36	1801 35	1735 35
1959 1959	7970 8	7787 6	7250 6	6117 5	4949 3	3956 3	4108 2	3850 2	3317 3
1960 1960	6290 15	6133 15	5619 15	4689 16	3899 15	3134 13	2766 13	2489 16	2538 10
1961 1961	3750 38	3703 38	3584 37	3445 32	3120 29	2586 26	2283 27	2095 27	1988 23
1962 1962	1720 59	1703 60	1663 60	1597 59	1509 59	1411 58	1337 57	1277 57	1190 58
1963 1963	2060 55	2053 55	2030 54	1967 52	1858 51	1660 51	1471 52	1349 54	1224 57
1964 1964	16900 1	16070 1	13900 1	9913 1	6344 2	4263 2	3257 8	2764 10	2438 11
1965 1965	5100 20	4967 22	4629 24	4064 24	3803 20	3440 9	3320 6	3213 7	2966 6
1966 1966	5850 17	5823 17	5626 14	4987 11	4287 9	3571 8	3250 9	3237 5	3019 5
1967 1967	3820 37	3800 36	3731 34	3493 30	3104 30	2580 28	2307 26	2163 24	2195 20
1968 1968	6500 14	6317 14	5653 13	4700 15	3705 21	2584 27	2087 33	1819 34	1555 40
1969 1969	2710 47	2690 47	2630 47	2493 46	2170 46	1928 46	1760 47	1625 44	1554 41
1970 1970	7980 7	7687 7	6909 7	5769 6	4608 4	3817 4	3753 3	3539 3	3075 4
1971 1971	3240 41	3220 41	3114 41	2990 38	2842 35	2254 37	1857 42	1635 43	1442 44
1972 1972	4440 29	4400 30	4221 29	3777 26	3152 28	2487 30	2532 20	2373 18	2232 15
1973 1973	6530 13	6413 13	5877 12	4857 13	3884 16	3094 14	2838 12	2626 12	2374 13
1974 1974	2830 45	2810 45	2724 46	2523 45	2391 42	2168 40	1809 44	1611 47	1393 47
1975 1975	2330 52	2317 51	2137 53	1917 54	1653 57	1472 56	1335 58	1258 58	1251 55
1976 1976	2240 53	2163 54	2021 55	1843 56	1664 56	1401 59	1255 59	1204 59	1144 59
1977 1977	2240 54	2217 53	2144 52	1946 53	1718 54	1658 52	1574 51	1457 50	1273 54
1978 1978	4110 32	4063 32	3824 31	3251 34	2827 36	2300 34	2234 28	2134 26	2050 21
1979 1979	2440 51	2283 52	2213 51	2111 51	1727 53	1483 55	1419 54	1413 52	1326 50
1980 1980	4690 26	4527 28	4141 30	3458 31	3008 31	2550 29	2227 29	2066 28	1836 29
1981 1981	1720 60	1710 59	1677 59	1561 60	1388 60	1253 60	1153 60	1077 60	1033 60
1982 1982	3150 43	3100 43	2921 43	2544 44	2067 48	1975 45	1912 39	1750 38	1685 37
1983 1983	3900 35	3877 34	3801 32	3562 29	3325 25	2979 17	2645 16	2423 17	2225 16
1984 1984	5030 22	4977 21	4754 21	4377 21	3837 17	3357 10	2983 10	2942 8	2624 9
1985 1985	5750 18	5680 18	5363 17	4673 17	3804 19	2893 21	2365 25	2055 29	1760 31
1986 1986	3190 42	3147 42	2986 42	2617 43	2424 41	2290 35	2157 31	1979 31	1924 28
1987 1987	4940 23	4900 23	4736 22	4439 20	3962 12	3768 7	3534 4	3216 6	2696 8
1988 1988	7030 12	6863 12	6216 10	5071 10	3811 18	2977 18	2549 19	2300 21	1944 26
1989 1989	2530 49	2493 49	2427 50	2276 49	2016 49	1725 50	1576 50	1472 49	1337 49
1990 1990	1460 61	1453 61	1433 61	1369 61	1223 61	1063 61	994 61	965 61	947 62
1991 1991	4660 27	4583 26	4273 28	3705 28	3000 32	2613 25	2437 22	2355 19	2225 17
1992 1992	2570 48	2547 48	2433 49	2173 50	1998 50	1747 49	1628 48	1495 48	1364 48
1993 1993	10600 4	10230 4	8721 3	6403 3	4463 5	3049 15	2453 21	2155 25	2031 22

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SUWANNEE RIVER BASIN  
02323000 SUWANNEE RIVER NEAR BELL, FL

LOCATION.--Lat 29°48', long 82°55', in sec.16 or 17, T.8 S., R.14 E., on left bank at Rock Bluff Ferry, 4 1/2 mi northwest of Bell and 10 miles downstream from Santa Fe River.

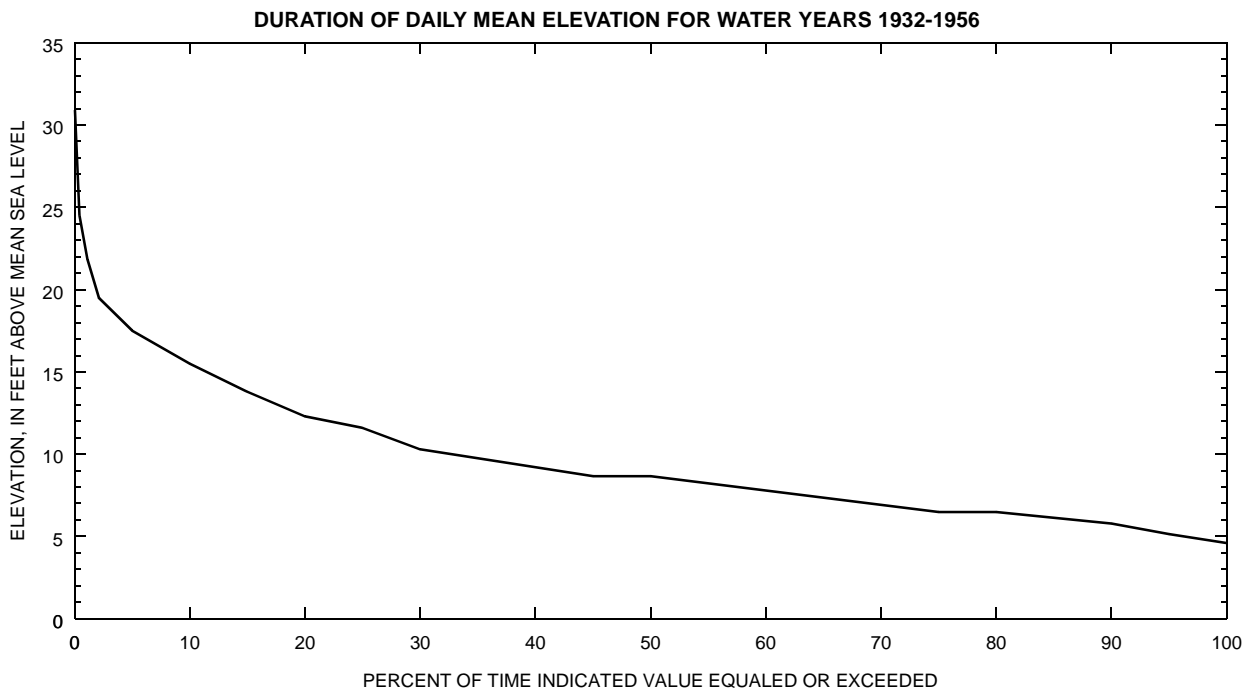
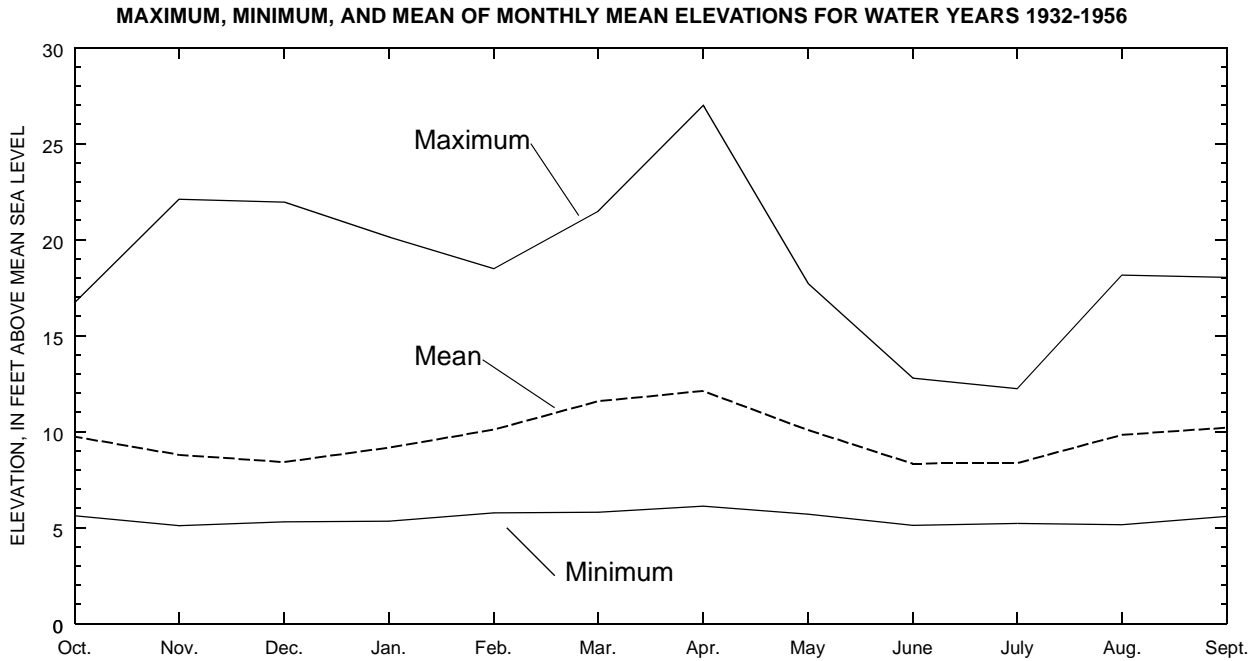
DRAINAGE AREA.--9,260 mi<sup>2</sup>, approximately

PERIOD OF RECORD.--June 1932 to December 1956 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 3.60 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REVISIONS (water years).--WSP 822: 1928(M).

REMARKS.--Records good.

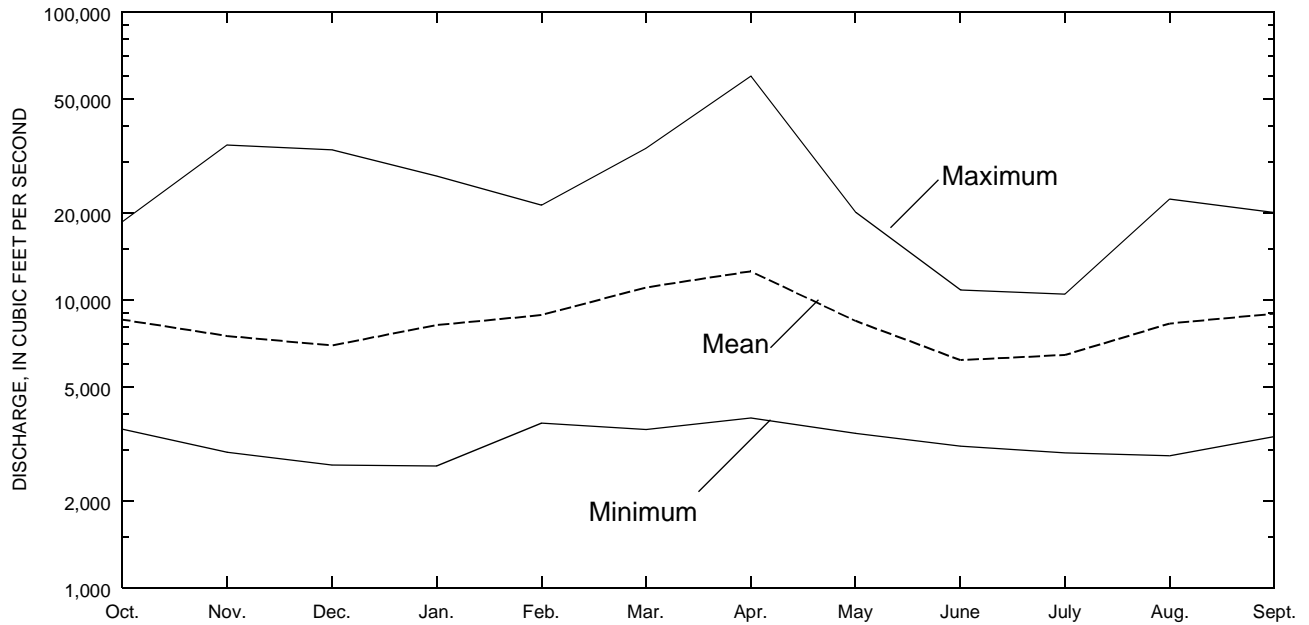


SUWANNEE RIVER BASIN  
 02323000 SUWANNEE RIVER NEAR BELL, FL--Continued

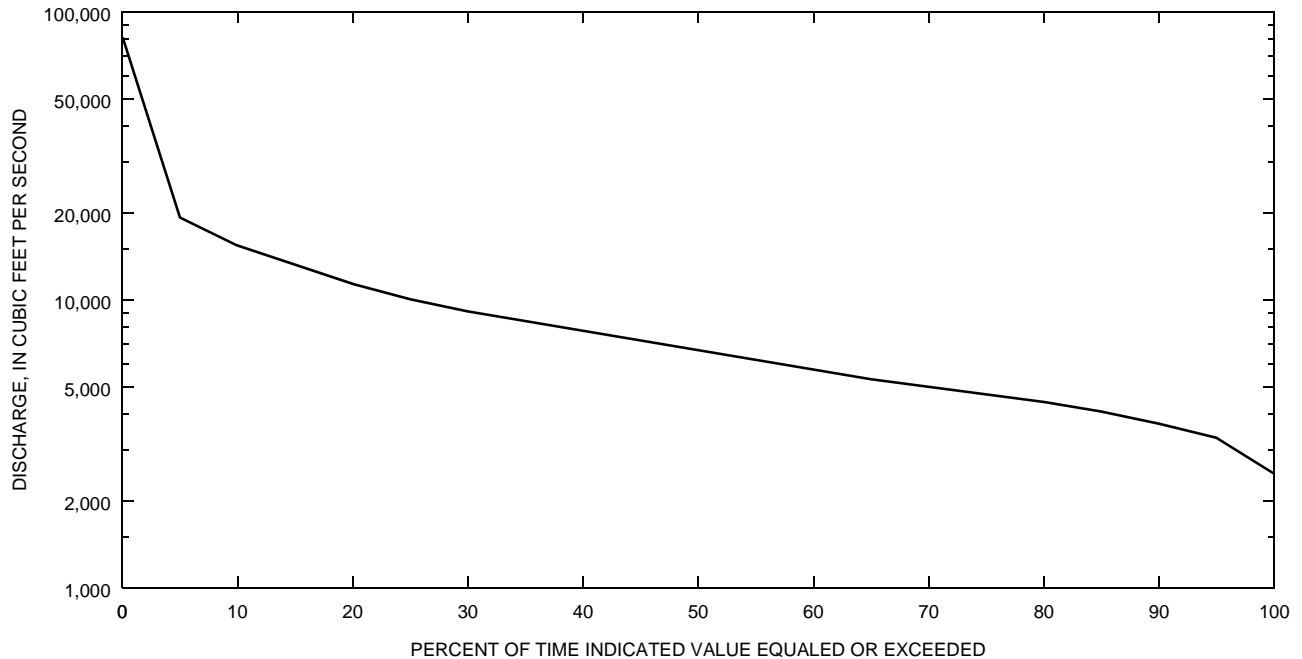
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
 FOR WATER YEARS 1932 - 1956**

ANNUAL MEAN	8514	
HIGHEST ANNUAL MEAN	24140	1948
LOWEST ANNUAL MEAN	3390	1955
HIGHEST DAILY MEAN	82300	Apr 13 1948
LOWEST DAILY MEAN	2490	Jan 11 1956
ANNUAL SEVEN-DAY MINIMUM	2520	Jan 8 1956
INSTANTANEOUS PEAK FLOW	82300	Apr 13 1948
INSTANTANEOUS PEAK ELEVATION (FT)	31.03	Apr 13 1948
ANNUAL RUNOFF (INCHES)	12.32	
ANNUAL RUNOFF (CFSM)	.91	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1932-1956**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1932-1956**



SUWANNEE RIVER BASIN  
02323000 SUWANNEE RIVER NEAR BELL, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1932-1956**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	16.68	5.62	9.74	18550	3550	8525.56
NOVEMBER	22.08	5.10	8.79	34280	2950	7478.88
DECEMBER	21.92	5.31	8.42	32940	2667	6942.00
JANUARY	20.11	5.34	9.17	26750	2648	8167.54
FEBRUARY	18.46	5.77	10.11	21170	3732	8839.25
MARCH	21.45	5.80	11.59	33390	3544	11035.08
APRIL	26.94	6.13	12.12	59430	3882	12554.83
MAY	17.69	5.70	10.09	20050	3437	8450.13
JUNE	12.76	5.12	8.34	10740	3106	6172.84
JULY	12.20	5.22	8.37	10400	2937	6426.20
AUGUST	18.13	5.15	9.84	22260	2870	8265.44
SEPTEMBER	18.00	5.59	10.21	19960	3348	8939.92

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1932-1956**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	5.1	5.5	5.0	4.8	4.8	5.4	5.9	5.8	5.5	5.2	5.2	5.6	5.4
90.0	5.7	5.7	5.2	5.0	5.3	5.7	6.8	6.1	5.7	5.6	6.0	6.1	5.9
85.0	6.1	6.2	5.5	5.3	5.5	6.1	7.1	6.4	6.0	5.7	6.2	6.4	6.4
80.0	6.4	6.5	6.0	5.8	5.8	6.4	7.1	7.1	6.3	6.1	6.5	6.6	6.6
75.0	6.4	6.7	6.3	5.8	6.1	6.7	7.4	7.5	6.8	6.4	6.7	7.2	6.9
70.0	6.8	6.7	6.3	6.1	6.1	7.0	7.8	8.3	7.1	6.8	6.7	7.5	7.2
65.0	7.2	7.0	6.6	6.4	6.4	7.3	8.5	8.8	7.5	7.0	6.9	7.8	7.5
60.0	7.7	7.3	6.6	6.4	6.7	7.3	9.4	9.2	8.1	7.3	6.9	8.2	7.8
55.0	8.1	7.9	7.0	6.7	7.4	7.9	9.8	9.7	8.5	7.5	7.2	8.5	8.1
50.0	8.6	8.2	8.0	7.4	7.4	8.6	10.3	10.3	9.3	7.8	7.5	8.9	8.4
45.0	8.6	8.6	8.8	7.8	7.8	8.9	11.3	12.0	10.2	8.3	8.0	9.3	9.1
40.0	9.1	9.3	9.3	8.2	8.2	10.2	11.9	12.7	10.6	8.6	8.6	9.3	10.3
35.0	9.7	11.0	9.3	8.6	9.0	11.1	13.0	14.1	11.1	8.9	8.6	9.6	11.6
30.0	10.3	11.9	9.7	8.6	9.5	12.0	13.6	14.9	11.6	9.2	8.9	10.1	12.1
25.0	11.6	12.9	10.3	9.0	11.0	13.0	14.3	15.7	12.1	9.5	9.3	10.5	12.6
20.0	12.3	13.4	10.3	10.0	12.7	14.2	15.0	15.7	12.6	9.8	9.6	11.4	13.7
15.0	13.8	14.0	11.3	10.5	14.0	14.8	15.7	16.5	13.2	10.2	10.4	13.5	14.8
10.0	15.5	14.5	11.8	11.0	15.4	16.1	17.2	17.4	15.0	11.3	11.6	15.9	16.0
5.0	17.5	15.1	13.7	15.5	17.9	17.4	19.8	20.4	17.1	12.5	12.4	16.5	17.4
DISCHARGE IN CUBIC FEET PER SECOND													
95.0	3310.7	3526.3	3133.6	2961.9	2989.1	3525.1	3910.8	3773.0	3524.6	3205.2	3278.9	3663.7	3446.0
90.0	3711.0	3825.9	3301.7	3128.9	3384.0	3898.0	4801.8	4139.5	3769.8	3542.0	4102.5	4146.6	3929.3
85.0	4091.5	4197.2	3633.3	3350.2	3683.5	4237.0	5022.8	4657.3	4078.4	3827.5	4344.0	4438.3	4375.4
80.0	4411.7	4481.8	3986.2	3610.0	3942.9	4555.5	5286.3	5156.9	4618.9	4175.2	4490.0	4714.1	4729.1
75.0	4698.1	4702.2	4257.4	3870.4	4221.9	4874.3	5623.8	5943.3	4920.0	4397.4	4617.6	5219.2	4975.9
70.0	4982.1	4887.0	4572.9	4131.4	4485.2	5110.2	6310.6	6502.6	5206.7	4569.5	4745.2	5714.1	5213.8
65.0	5287.2	5213.7	4792.5	4378.0	4693.8	5359.7	7226.8	6919.5	5592.8	4806.5	4922.8	6030.4	5507.7
60.0	5700.6	5668.4	4980.0	4597.4	5084.7	5789.0	7618.0	7479.5	6107.7	4982.9	5124.4	6573.8	5909.7
55.0	6171.9	6144.8	5436.7	4807.8	5353.1	6501.2	8045.6	8100.0	6592.9	5405.0	5372.0	6856.7	6355.3
50.0	6664.2	6561.3	6374.5	5602.7	5574.3	6960.0	8521.2	8760.0	7197.0	5823.7	5819.3	7148.7	6793.3
45.0	7160.1	6962.0	7068.7	5937.4	5909.5	7482.0	9186.3	9879.1	7909.7	6185.0	6205.3	7448.7	8022.2
40.0	7733.2	8591.0	7580.9	6260.0	6498.0	8878.0	10541.8	11346.2	8591.8	6572.5	6816.4	7938.0	9322.7
35.0	8368.2	9784.7	7887.7	6647.5	7435.3	9868.9	11787.5	13007.9	9157.6	6958.1	7169.5	8424.4	10304.5
30.0	9101.1	11094.3	8199.2	7035.0	8383.4	10666.9	13102.5	14283.8	9793.1	7261.4	7504.9	9005.8	11255.2
25.0	10030.8	12092.0	8563.6	7525.1	10563.1	11838.1	14257.4	15688.2	10467.5	7538.9	7889.4	9513.7	12213.8
20.0	11352.3	13362.8	8988.0	8225.2	12845.5	13374.4	15209.2	16817.6	11360.0	7960.0	8416.7	10223.6	13324.0
15.0	13259.1	14173.8	9675.8	8945.4	15023.6	14950.0	16176.4	18958.3	12570.0	8335.0	9123.3	11768.7	14936.4
10.0	15439.1	15092.9	10381.2	10281.8	16860.0	16680.0	18142.9	21884.6	15060.0	9274.0	9795.0	14725.0	16362.5
5.0	19306.2	17208.3	11975.0	15525.0	20770.5	20181.1	25697.5	27150.0	18821.8	10925.0	10641.7	18695.6	18878.9

SUWANNEE RIVER BASIN  
02323000 SUWANNEE RIVER NEAR BELL, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR		1		3		7		14		30		60		90		120		183	
RANGE																			
1933	1934	5.54	2	5.63	2	5.71	2	5.73	2	5.76	2	5.86	2	5.98	2	6.15	2	6.63	2
1936	1937	6.35	3	6.39	3	6.41	3	6.50	3	6.64	3	7.18	3	7.29	3	7.48	3	7.84	3
1937	1938	7.63	5	7.64	5	7.67	5	7.78	5	7.93	5	8.45	5	8.72	4	8.92	4	10.1	4
1943	1944	4.64	1	4.68	1	4.76	1	4.85	1	4.91	1	5.01	1	5.09	1	5.27	1	5.68	1
1945	1946	6.91	4	6.92	4	6.96	4	6.99	4	7.11	4	7.99	4	8.77	5	9.24	5	12.3	6
1947	1948	8.05	6	8.14	6	8.17	6	8.25	6	8.76	6	8.90	6	9.02	6	9.42	6	11.2	5

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR		1		3		7		15		30		60		90		120		183	
RANGE																			
1933	1933	19.0	3	18.9	3	18.9	3	18.7	3	18.1	3	17.3	2	17.1	2	16.0	2	14.2	3
1934	1934	14.9	7	14.7	7	14.3	7	13.0	7	11.6	7	10.4	7	10.1	7	9.50	7	8.32	7
1936	1936	17.5	5	17.2	5	16.7	5	15.5	5	15.1	5	14.3	5	13.9	5	13.0	5	11.4	5
1937	1937	19.1	2	19.1	2	19.0	2	18.8	2	18.1	2	16.6	4	15.6	4	14.6	3	12.9	4
1938	1938	15.6	6	15.5	6	15.4	6	15.1	6	14.2	6	12.4	6	11.4	6	10.9	6	10.1	6
1942	1942	20.9	1	20.8	1	20.8	1	20.6	1	20.2	1	19.0	1	17.9	1	17.3	1	15.0	1
1944	1944	18.8	4	18.8	4	18.7	4	18.4	4	18.0	4	17.3	3	15.6	3	14.2	4	14.2	2
1956	1956	11.5	8	11.5	8	11.3	8	10.7	8	9.34	8	7.90	8	7.55	8	7.42	8	7.11	8

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR		1		3		7		14		30		60		90		120		183	
RANGE																			
1933	1934	3530	8	3603	9	3677	9	3694	9	3723	8	3791	7	3887	7	4026	7	4477	7
1934	1935	3380	6	3380	6	3426	6	3452	6	3522	6	3580	6	3663	5	3801	5	4154	4
1935	1936	3020	4	3020	4	3060	4	3095	4	3146	4	3298	4	3453	4	3683	4	6383	15
1936	1937	4260	13	4260	13	4273	13	4346	13	4479	13	5031	15	5136	14	5328	14	5704	12
1937	1938	5440	19	5440	19	5503	19	5636	19	5799	19	6370	20	6672	20	6896	17	8407	17
1938	1939	3630	10	3660	10	3707	10	3759	10	3846	10	4047	10	4201	9	4431	9	4913	8
1939	1940	4090	12	4120	12	4167	12	4206	12	4249	12	4410	12	4582	12	4806	11	6141	13
1940	1941	3270	5	3270	5	3316	5	3333	5	3415	5	3539	5	3695	6	3882	6	4260	6
1941	1942	3510	7	3537	7	3606	7	3656	7	3741	9	4072	11	4514	11	5041	13	5222	10
1942	1943	4410	14	4443	14	4496	14	4510	14	4563	14	4670	13	4813	13	5025	12	5441	11
1943	1944	2790	2	2843	2	2916	2	2996	2	3038	2	3087	2	3161	2	3313	3	3678	3
1944	1945	5900	21	5967	21	6059	21	6365	22	7035	22	7775	22	8656	22	8888	22	9412	20
1945	1946	4680	16	4680	16	4731	16	4764	16	4871	16	5774	18	6557	19	7219	20	10900	23
1946	1947	5850	20	5883	20	5893	20	5932	20	6043	20	6299	19	6532	18	6914	18	8926	19
1947	1948	5950	22	6077	22	6126	22	6179	21	6670	21	6806	21	6924	21	7321	21	9667	21
1948	1949	8110	23	8110	23	8173	23	8267	23	8532	23	9746	23	10170	23	10730	23	10590	22
1949	1950	4850	17	4887	17	4913	17	4968	17	5015	17	5199	16	5475	16	5826	16	7122	16
1950	1951	4530	15	4530	15	4530	15	4561	15	4710	15	4823	14	5209	15	5432	15	6150	14
1951	1952	3730	11	3763	11	3801	11	3823	11	3893	11	4040	9	4310	10	4468	10	5122	9
1952	1953	3560	9	3573	8	3617	8	3659	8	3722	7	3840	8	3969	8	4143	8	4244	5
1953	1954	4960	18	4967	18	4986	18	5050	18	5203	18	5633	17	6183	17	6983	19	8594	18
1954	1955	2900	3	2957	3	3024	3	3085	3	3115	3	3146	3	3182	3	3252	2	3418	2
1955	1956	2490	1	2497	1	2521	1	2552	1	2585	1	2645	1	2724	1	2848	1	3134	1

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR		1		3		7		15		30		60		90		120		183	
RANGE																			
1933	1933	24500	5	24300	5	24030	5	23450	5	21970	4	19850	4	19370	3	17480	3	14560	3
1934	1934	14800	15	14570	15	13870	16	12160	18	10210	18	8678	19	8230	19	7570	18	6335	20
1935	1935	22100	7	22100	7	21970	7	21570	7	17760	7	11850	13	9241	16	7721	17	6383	19
1936	1936	20200	9	19670	9	18410	11	16070	12	15130	13	13960	12	13430	10	12170	12	10090	12
1937	1937	24800	4	24700	4	24540	4	23760	4	21940	5	18600	6	16740	5	15050	4	12560	7
1938	1938	16000	13	15870	13	15700	14	15140	14	13890	14	11330	14	10100	13	9401	13	8361	15
1939	1939	13600	18	13530	18	13300	17	12570	16	11130	16	10000	16	9476	14	8921	14	8865	13
1940	1940	11700	19	11630	19	11500	19	11160	19	10160	19	8968	18	8310	18	7515	19	7074	17
1941	1941	9110	22	9000	22	8770	22	8157	22	7207	23	6452	22	6091	22	5542	22	5559	22
1942	1942	30000	2	29800	2	29660	2	29160	2	27870	2	24380	2	21830	2	20380	2	16450	2
1943	1943	8270	23	8190	23	8133	23	7888	23	7847	21	6949	21	6567	21	6283	21	5905	21
1944	1944	23700	6	23600	6	23340	6	22430	6	21210	6	19460	5	16540	6	14410	5	13880	4
1945	1945	25300	3	25100	3	24960	3	24280	3	22820	3	21440	3	17400	4	14340	6	12000	9
1946	1946	18800	10	18600	11	18540	10	18390	9	18100	8	16720	7	14670	8	13650	9	13030	6
1947	1947	18100	12	18100	12	17900	12	17350	11	16800	11	15710	8	13760	9	12310	11	10500	11
1948	1948	82300	1	81700	1	79310	1	71990	1	60040	1	48210	1	38790	1	35200	1	34720	1
1949	1949	18800	11	18800	10	18660	9	18150	10	16860	10	14780	10	14770	7	14180	7	13090	5
1950	1950	14200	16	13870	17	13300	18	12470	17	11120	17	9515	17	8523	17	7825	16	7086	16
1951	1951	11700	20	11570	20	11310	20	10680	20	9871	20	8386	20	7286	20	6781	20	6757	18
1952	1952	15800	14	15800	14	15800	13	15770	13	15450	12	14430	11	12850	12	12620	10	11390	10
1953	1953	14100	17	14030	16	13900	15	13490	15	12680	15	10420	15	9321	15	8610	15	8594	14
1954	1954	20700	8	20670	8	20530	8	20010	8	18220	7	14790	9	12900	11	13920	8	12340	8
1955	1955	5210	24	5207	24	5141	24	4822	24	3980	24	3712	24	3792	24	3680	24	3516	24
1956	1956	9570	21	9537	21	9391	21	8705	21	7272	22	5764	23	5402	23	5259	23	4939	23

**SUWANNEE RIVER BASIN**  
02323500 SUWANNEE RIVER NEAR WILCOX, FL

**LOCATION.**--Lat 29°35'22", long 82°56'12", in NW<sup>1</sup>/<sub>4</sub> sec.29, T.10 S., R.14 E., Levy County, Hydrologic Unit 03110205, on left bank about 400 ft downstream from Fort Fannin Bridge on U.S. Highway 19, 2.0 mi southwest of Wilcox and 33 mi upstream from mouth.

**DRAINAGE AREA.**--9,640 mi<sup>2</sup>, approximately, includes part of watershed in Okefenokee Swamp which is indeterminate.

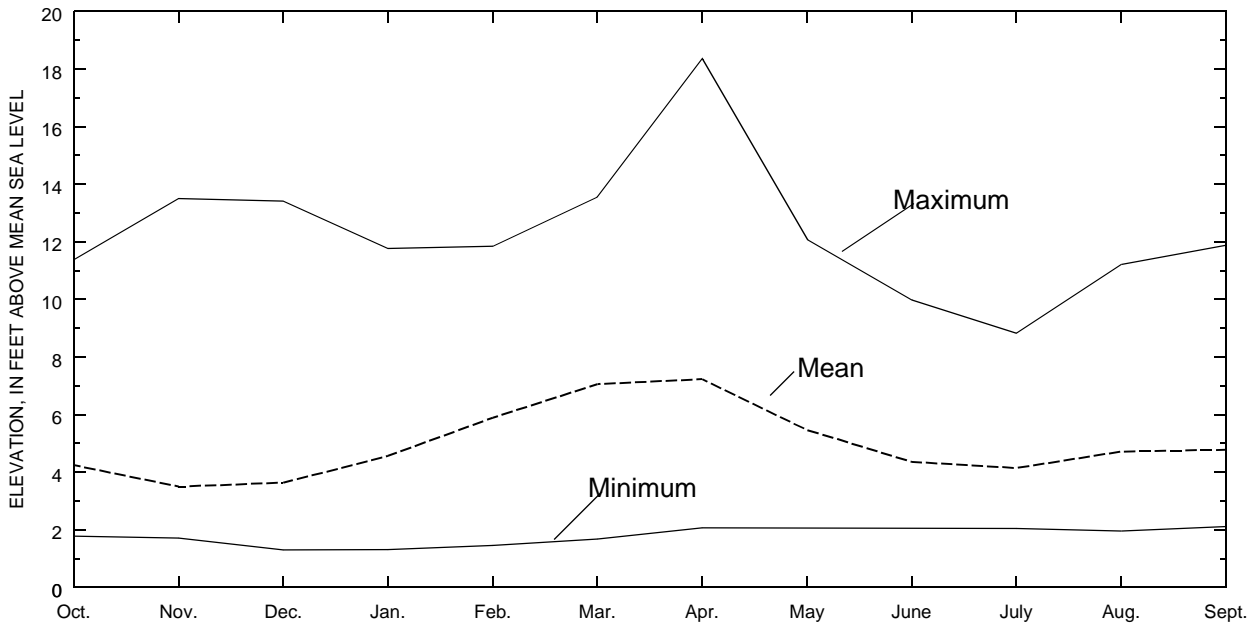
**PERIOD OF RECORD.**--October 1930 to September 1931, October 1941 to 1993. Monthly discharge only for some periods, published in WSP 1304.

**REVISED RECORDS.**--WSP 1905: WDR FL-75-1: Drainage area.

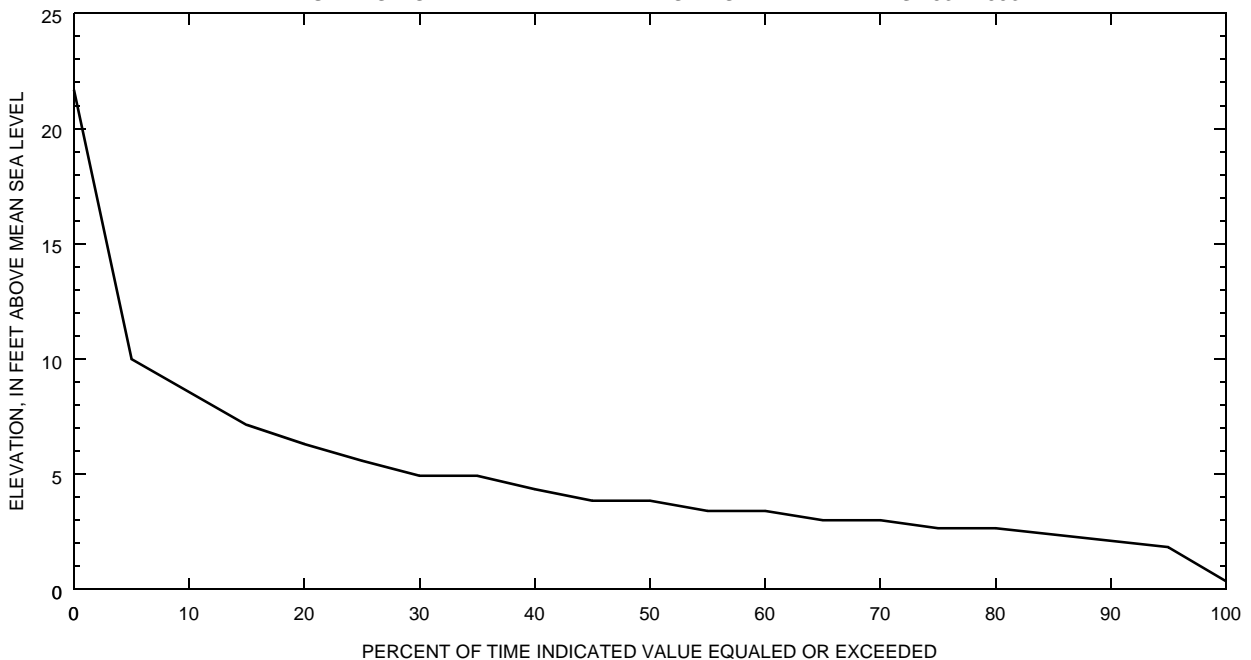
**GAGE.**--Water-stage recorder. Datum of gage is 0.53 ft below National Geodetic Vertical Datum of 1929. Prior to July 4, 1931, nonrecording gage at site 400 ft upstream at present datum. July 4 to Sept. 30, 1931, and Mar. 26 to May 14, 1942, water-stage recorder, and May 15, 1942 to Jan. 24, 1951, nonrecording gage at present site and datum. Since Feb. 1, 1951, auxiliary water-stage recorder about 9.0 mi downstream from base gage. Datum of auxiliary gage is 2.99 ft below National Geodetic Vertical Datum of 1929.

**REMARKS.**--Records fair. Flow generally affected by tide when discharge is less than 17,500 ft<sup>3</sup>/s.

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN ELEVATIONS FOR WATER YEARS 1931-1993**



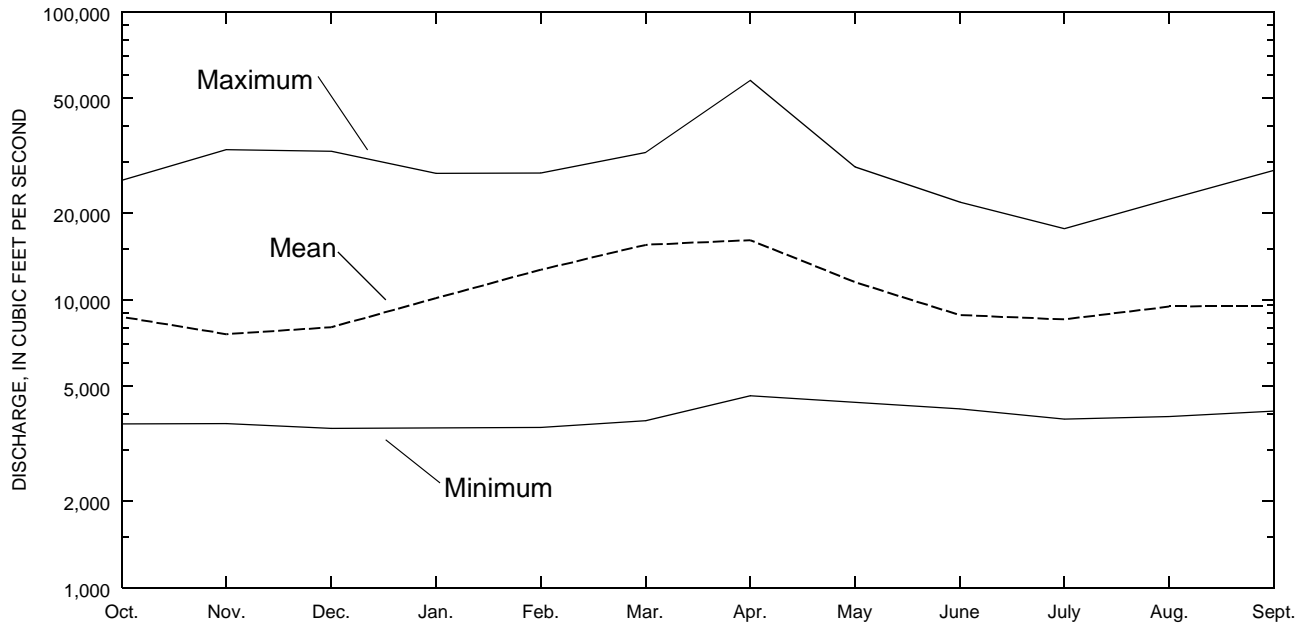
**DURATION OF DAILY MEAN ELEVATION FOR WATER YEARS 1931-1993**



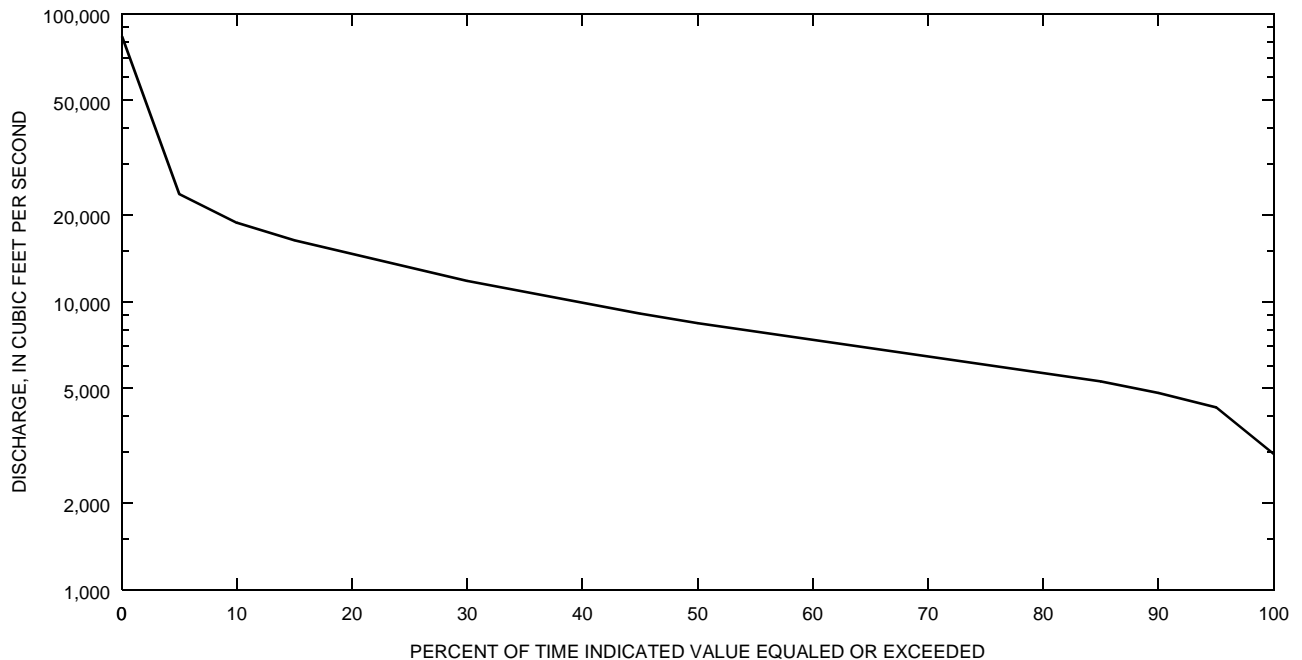
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED,  
 FOR WATER YEARS 1931 - 1993**

ANNUAL MEAN	10540	
HIGHEST ANNUAL MEAN	24560	1948
LOWEST ANNUAL MEAN	4291	1955
HIGHEST DAILY MEAN	84700	Apr 14 1948
LOWEST DAILY MEAN	2960	Oct 25 1981
ANNUAL SEVEN-DAY MINIMUM	3350	Oct 21 1981
INSTANTANEOUS PEAK FLOW	84700	Apr 14 1948
INSTANTANEOUS PEAK ELEVATION (FT)	21.79	Apr 14 1948
INSTANTANEOUS LOW FLOW	2960	Oct 25 1981
ANNUAL RUNOFF (INCHES/CFSM)	14.85/1.09	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1931-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1931-1993**



SUWANNEE RIVER BASIN  
02323500 SUWANNEE RIVER NEAR WILCOX, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1931-1993**

MONTH	ELEVATIONS, FEET ABOVE SEA LEVEL			DISCHARGE, CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	11.35	1.79	4.25	25810	3703	8710
NOVEMBER	13.48	1.72	3.50	33030	3718	7587
DECEMBER	13.39	1.31	3.64	32630	3575	8017
JANUARY	11.75	1.32	4.57	27320	3610	10120
FEBRUARY	11.82	1.46	5.89	27390	3602	12700
MARCH	13.53	1.69	7.06	32210	3796	15500
APRIL	18.32	2.07	7.23	57260	4631	16090
MAY	12.06	2.05	5.47	28690	4422	11510
JUNE	9.95	2.04	4.36	21690	4174	8838
JULY	8.80	2.05	4.15	17550	3844	8539
AUGUST	11.19	1.96	4.72	22190	3925	9462
SEPTEMBER	11.86	2.12	4.78	27910	4104	9568

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1931-1993**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	1.8	1.8	1.6	1.4	1.4	1.7	2.1	2.3	2.1	2.1	2.1	2.0	2.0
90.0	2.0	2.1	1.9	1.5	1.8	2.2	2.5	2.7	2.4	2.3	2.1	2.2	2.3
85.0	2.3	2.3	2.1	1.9	2.0	2.5	2.9	3.2	2.6	2.4	2.2	2.4	2.5
80.0	2.6	2.5	2.3	2.1	2.2	2.7	3.5	3.8	2.8	2.4	2.4	2.7	2.7
75.0	2.6	2.5	2.3	2.1	2.5	3.1	3.8	4.1	3.1	2.6	2.5	2.8	3.0
70.0	3.0	2.7	2.5	2.3	2.8	3.9	4.5	4.5	3.3	2.8	2.7	3.2	3.2
65.0	3.0	2.9	2.5	2.5	2.8	4.3	4.9	4.9	3.6	3.1	3.0	3.4	3.2
60.0	3.4	3.1	2.7	2.5	3.1	4.3	5.4	5.3	3.8	3.1	3.1	3.6	3.5
55.0	3.4	3.1	2.7	2.8	3.4	4.8	6.4	5.8	4.1	3.3	3.3	3.6	3.8
50.0	3.8	3.4	2.9	2.8	3.4	4.8	6.4	6.3	4.5	3.6	3.5	3.8	3.8
45.0	3.8	3.4	2.9	3.0	3.8	5.4	7.0	6.8	5.2	3.9	3.7	4.0	4.1
40.0	4.3	3.7	3.2	3.0	4.3	6.1	7.6	7.4	5.2	4.2	3.9	4.3	4.8
35.0	4.9	4.3	3.2	3.4	4.8	6.8	8.3	7.4	5.6	4.5	4.1	4.6	4.8
30.0	4.9	4.7	3.5	3.4	5.3	6.8	8.3	8.7	6.1	4.9	4.4	5.5	5.2
25.0	5.5	5.1	3.9	3.7	5.9	7.6	9.0	9.5	7.0	5.2	4.9	6.1	5.6
20.0	6.3	5.5	3.9	4.1	6.6	8.6	9.0	9.5	7.6	5.7	5.5	6.5	6.0
15.0	7.1	6.0	4.2	5.0	7.4	9.1	10.8	11.2	8.2	6.1	6.5	6.9	6.5
10.0	8.6	7.0	4.6	6.0	7.4	9.8	12.3	11.2	8.8	7.1	7.2	7.8	7.1
5.0	10.0	7.6	6.0	8.1	9.8	10.9	13.4	14.5	10.3	8.3	7.6	8.8	9.0
DISCHARGE IN CUBIC FEET PER SECOND													
95.0	4295.0	4214.2	4053.5	3981.6	4115.7	4631.8	5393.6	5402.8	4815.1	4375.3	4336.1	4256.0	4342.3
90.0	4817.0	4576.4	4296.7	4309.4	4701.6	5500.1	6194.6	6550.1	5450.6	4850.0	4832.8	4668.8	4790.9
85.0	5282.3	4972.9	4561.7	4623.2	5302.7	6118.2	7248.0	7178.3	5868.8	5250.1	5120.8	5086.8	5098.1
80.0	5666.1	5315.2	4929.8	5045.5	5682.0	6594.1	8210.3	7758.8	6164.3	5542.2	5407.2	5553.6	5553.4
75.0	6017.9	5564.1	5192.5	5314.9	5979.3	7174.5	8813.9	8405.3	6621.9	5781.8	5574.2	5831.2	5923.1
70.0	6456.0	5925.8	5459.7	5517.7	6409.3	8317.2	9647.6	9667.3	7239.8	6031.2	5725.8	6359.9	6330.3
65.0	6918.5	6363.9	5734.7	5937.8	6736.6	9671.5	10618.6	10690.9	8006.1	6342.3	6062.1	6996.0	6814.5
60.0	7399.9	6742.0	6034.6	6241.5	7075.8	10510.4	11556.9	11551.3	8703.1	6618.6	6484.0	7449.4	7306.8
55.0	7876.0	7086.7	6439.8	6511.6	7499.5	11005.8	12576.6	12338.5	9295.3	6957.3	7132.3	7735.4	7679.3
50.0	8426.5	7497.5	6817.2	6747.7	8160.9	11546.7	14015.0	13386.8	9956.0	7542.2	7567.5	8075.4	8135.5
45.0	9089.2	8059.7	7161.4	6994.8	9004.3	12210.3	14836.5	14663.0	10679.3	7971.4	7925.0	8480.6	8721.8
40.0	9941.6	8689.0	7490.6	7258.5	9802.2	13264.6	15822.5	15776.0	11349.5	8646.0	8293.2	8972.5	9369.3
35.0	10817.6	9232.0	7853.6	7667.5	10696.7	14636.5	16982.0	16899.1	12320.8	9274.7	8843.4	9789.4	10293.1
30.0	11809.8	10021.8	8223.7	8180.8	11609.7	16060.3	18328.4	18179.5	13221.3	9979.8	9881.5	10729.4	11124.2
25.0	13099.5	10843.2	8561.3	8622.6	12902.8	17118.9	20506.4	19877.6	14425.0	10802.0	10747.2	12237.0	11766.7
20.0	14631.3	11610.7	9011.0	9362.8	14703.3	18141.6	22602.0	22314.3	15856.2	11926.0	11779.6	13629.8	12926.7
15.0	16321.4	12696.1	9703.0	10429.1	16578.9	19311.2	24952.3	25571.4	17613.7	13418.7	13345.8	14733.6	14177.8
10.0	18834.6	14243.7	10560.6	12757.2	18250.1	21320.2	28754.1	28536.4	20013.8	14723.7	14811.9	16193.3	16000.0
5.0	23682.8	15597.6	12228.3	16345.0	22006.2	24084.0	32063.8	35984.6	24565.5	17515.4	16206.9	19250.7	19270.0

SUWANNEE RIVER BASIN  
02323500 SUWANNEE RIVER NEAR WILCOX, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183
1951	1952	2.04 21	2.09 19	2.14 16	2.22 15	2.27 14	2.34 13	2.43 12	2.51 12	2.73 9
1952	1953	1.43 8	1.60 7	1.82 7	1.94 7	2.00 7	2.07 6	2.09 6	2.15 5	2.25 5
1953	1954	2.29 27	2.40 27	2.52 25	2.54 22	2.63 21	2.86 21	3.11 23	3.48 26	4.19 28
1954	1955	.71 3	.99 2	1.23 2	1.42 2	1.48 2	1.55 2	1.61 2	1.65 2	1.73 2
1956	1957	.37 1	.56 1	1.05 1	1.23 1	1.36 1	1.38 1	1.44 1	1.50 1	1.70 1
1957	1958	1.76 16	1.86 15	2.21 17	2.43 19	2.62 20	2.69 20	3.53 29	3.84 29	3.91 25
1958	1959	1.54 10	1.72 11	1.86 8	2.06 9	2.23 11	2.44 14	2.60 15	2.70 15	3.18 15
1960	1961	2.56 30	2.68 29	2.85 31	3.00 31	3.13 31	3.33 31	3.60 30	3.92 30	4.65 31
1961	1962	1.61 13	1.73 12	1.91 9	2.08 10	2.16 8	2.24 8	2.33 8	2.44 10	2.81 11
1962	1963	1.24 6	1.42 6	1.50 5	1.82 6	1.90 6	1.98 5	2.06 5	2.22 6	2.39 6
1964	1965	4.41 36	4.43 36	4.49 36	4.57 36	4.83 36	5.61 36	6.80 36	7.41 36	8.56 36
1965	1966	3.15 33	3.23 33	3.42 33	3.48 33	3.58 33	3.85 34	4.11 34	4.52 34	5.20 33
1966	1967	2.92 32	3.04 32	3.11 32	3.18 32	3.34 32	3.57 32	4.09 33	4.45 33	5.37 34
1967	1968	1.55 11	1.68 9	1.98 11	2.17 13	2.23 12	2.33 12	2.38 10	2.41 8	2.48 7
1968	1969	.86 4	1.16 4	1.47 4	1.58 3	1.64 3	1.78 3	1.83 3	1.90 3	2.15 4
1969	1970	2.17 25	2.25 22	2.41 23	2.52 21	2.70 23	2.98 25	2.99 21	3.12 21	3.62 22
1970	1971	2.61 31	2.76 30	2.83 29	2.90 29	2.98 28	3.13 27	3.35 27	3.54 28	4.17 27
1971	1972	2.48 29	2.76 31	2.84 30	2.97 30	3.08 30	3.29 30	3.64 31	4.14 31	4.48 30
1972	1973	1.33 7	1.78 13	2.22 18	2.42 18	2.48 16	2.63 18	2.73 18	2.88 18	3.26 17
1973	1974	2.08 24	2.18 20	2.40 22	2.60 23	2.64 22	2.86 22	2.97 20	3.05 19	3.45 20
1974	1975	1.96 18	2.18 21	2.26 19	2.40 17	2.48 17	2.57 17	2.82 19	3.39 25	3.69 24
1975	1976	2.05 22	2.33 25	2.52 26	2.61 25	2.72 24	2.88 23	3.13 24	3.38 24	3.64 23
1976	1977	2.25 26	2.37 26	2.50 24	2.67 26	2.88 27	3.19 29	3.25 26	3.33 22	4.22 29
1977	1978	1.58 12	1.66 8	2.01 12	2.12 11	2.19 9	2.24 9	2.48 13	2.60 14	2.55 8
1978	1979	1.02 5	1.27 5	1.59 6	1.79 5	1.87 5	2.13 7	2.24 7	2.37 7	2.84 12
1979	1980	2.06 23	2.27 23	2.39 21	2.60 24	2.76 25	3.06 26	3.13 25	3.37 23	3.59 21
1981	1982	.63 2	1.01 3	1.36 3	1.63 4	1.72 4	1.85 4	1.84 4	1.93 4	2.05 3
1982	1983	1.68 14	1.78 14	2.02 13	2.26 16	2.49 18	2.50 16	2.63 16	2.86 17	3.34 18
1983	1984	2.41 28	2.58 28	2.66 28	2.88 28	2.98 29	3.16 28	3.36 28	3.50 27	3.96 26
1984	1985	1.96 19	2.08 18	2.27 20	2.43 20	2.51 19	2.63 19	2.69 17	2.72 16	2.93 14
1985	1986	1.90 17	1.96 17	2.07 15	2.20 14	2.27 15	2.30 11	2.38 11	2.47 11	3.36 19
1987	1988	1.72 15	1.87 16	1.91 10	2.04 8	2.25 13	2.47 15	2.52 14	2.57 13	2.92 13
1988	1989	1.52 9	1.71 10	2.05 14	2.14 12	2.21 10	2.27 10	2.36 9	2.42 9	2.77 10
1990	1991	1.98 20	2.30 24	2.63 27	2.80 27	2.87 26	2.97 24	3.06 22	3.09 20	3.21 16
1991	1992	3.20 34	3.34 34	3.48 34	3.65 34	3.69 34	3.83 33	4.08 32	4.44 32	5.54 35
1992	1993	3.96 35	4.00 35	4.10 35	4.29 35	4.30 35	4.51 35	4.48 35	4.68 35	5.08 32

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183
1931	1931	6.07 31	6.06 31	6.03 31	5.90 31	5.58 31	5.39 27	5.29 25	5.14 24	4.67 24
1952	1952	7.85 24	7.83 24	7.74 24	7.69 23	7.50 21	7.03 21	6.31 21	6.17 20	5.61 19
1953	1953	6.56 30	6.53 30	6.44 30	6.29 30	6.08 29	5.06 30	4.46 31	4.16 31	4.19 27
1954	1954	9.34 18	9.33 18	9.29 18	9.13 18	8.49 19	7.18 19	6.32 20	6.73 17	6.02 17
1955	1955	3.18 35	3.04 35	2.81 35	2.56 35	2.32 35	2.16 35	2.11 35	2.10 35	2.09 35
1957	1957	7.08 28	7.07 28	6.99 28	6.75 28	6.14 28	5.18 28	4.77 29	4.55 28	3.91 30
1958	1958	11.4 9	11.4 9	11.3 9	11.0 9	10.3 10	9.18 12	8.58 11	8.05 11	7.49 8
1961	1961	9.82 16	9.80 16	9.69 16	9.39 16	8.55 18	7.08 20	6.48 19	6.08 21	5.40 20
1962	1962	8.11 22	8.10 22	8.04 22	7.82 22	7.16 23	5.69 26	4.94 27	4.39 29	3.77 31
1963	1963	6.84 29	6.81 29	6.76 29	6.69 29	6.55 26	5.88 25	5.19 26	4.61 27	4.02 29
1965	1965	13.5 6	13.3 6	13.3 6	13.1 6	12.9 4	12.4 4	11.4 4	11.0 4	10.2 2
1966	1966	13.5 5	13.5 5	13.5 5	13.3 5	12.8 6	11.4 6	10.3 6	9.30 6	8.71 5
1967	1967	9.32 19	9.30 19	9.27 19	9.07 19	8.46 20	8.02 18	7.16 17	6.34 18	5.68 18
1968	1968	3.91 34	3.88 34	3.74 34	3.42 34	3.06 34	2.67 34	2.58 34	2.55 34	2.49 34
1969	1969	5.66 33	5.65 33	5.56 33	5.29 33	4.85 33	4.23 33	3.75 33	3.64 33	3.63 32
1970	1970	11.8 8	11.8 8	11.8 8	11.6 8	10.9 8	9.04 13	8.44 12	7.79 13	7.17 11
1971	1971	7.76 25	7.74 25	7.72 25	7.56 25	7.10 24	6.31 23	5.52 23	5.15 23	5.06 22
1972	1972	10.8 13	10.8 13	10.7 13	10.6 12	10.2 11	9.32 11	8.77 10	8.06 10	7.01 12
1973	1973	18.0 1	18.0 1	17.8 1	17.2 1	15.8 1	13.2 2	12.0 3	11.2 3	10.0 3
1974	1974	7.46 26	7.36 26	7.27 26	7.05 26	5.93 30	4.80 32	4.56 30	4.32 30	4.11 28
1975	1975	11.3 10	11.3 10	11.2 10	10.9 10	10.1 13	8.76 14	8.02 14	7.92 12	6.91 13

SUWANNEE RIVER BASIN  
02323500 SUWANNEE RIVER NEAR WILCOX, FL--Continued

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP (Continued)**

WATER YEAR		1	3	7	14	30	60	90	120	183									
RANGE																			
1976	1976	8.53	21	8.51	21	8.44	21	8.13	21	7.25	22	6.49	22	5.63	22	5.05	25	4.64	25
1977	1977	10.6	15	10.5	14	10.5	14	10.5	14	10.2	12	9.72	8	8.96	9	8.86	9	7.37	10
1978	1978	9.58	17	9.56	17	9.51	17	9.30	17	8.82	16	8.19	15	7.53	16	7.17	15	6.19	15
1979	1979	7.96	23	7.92	23	7.86	23	7.59	24	6.93	25	5.96	24	5.51	24	5.30	22	4.73	23
1980	1980	11.0	11	11.0	11	11.0	11	10.8	11	10.3	9	9.45	10	8.31	13	7.47	14	6.28	14
1982	1982	5.82	32	5.79	32	5.69	32	5.48	32	5.26	32	4.85	31	4.89	28	4.66	26	4.25	26
1983	1983	12.5	7	12.5	7	12.5	7	12.5	7	12.2	7	11.9	5	10.9	5	9.86	5	8.27	6
1984	1984	16.5	2	16.5	2	16.4	2	16.1	2	15.1	2	13.9	1	12.5	1	11.4	1	9.72	4
1985	1985	7.30	27	7.28	27	7.20	27	6.88	27	6.38	27	5.14	29	4.30	32	3.79	32	3.36	33
1986	1986	15.1	4	15.0	4	14.9	4	14.3	4	12.9	5	10.9	7	9.75	7	8.93	8	7.42	9
1988	1988	10.6	14	10.5	15	10.4	15	10.1	15	9.60	15	8.15	17	7.15	18	6.25	19	5.08	21
1991	1991	16.0	3	15.9	3	15.8	3	15.3	3	14.2	3	13.1	3	12.1	2	11.3	2	10.3	1
1992	1992	9.30	20	9.25	20	9.17	20	9.02	20	8.66	17	8.19	16	7.68	15	7.01	16	6.15	16
1993	1993	11.0	12	10.9	12	10.9	12	10.6	13	10.0	14	9.51	9	9.52	8	8.94	7	7.75	7

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR		1	3	7	14	30	60	90	120	183									
RANGE																			
1942	1943	5400	35	5400	28	5400	26	5400	25	5400	24	5545	22	5661	22	5942	22	6373	18
1943	1944	4200	11	4200	9	4200	8	4200	8	4200	7	4215	6	4253	5	4342	5	4587	6
1944	1945	7200	48	7200	48	7200	48	7371	48	8000	48	8867	48	9733	49	9846	49	10430	46
1945	1946	5400	36	5400	29	5400	27	5429	26	5583	25	6418	32	7186	38	7667	37	11570	49
1946	1947	6600	45	6600	45	6600	43	6629	43	6710	42	6915	41	7104	36	7462	34	9368	40
1947	1948	7000	47	7000	47	7000	47	7114	47	7460	47	7553	43	7669	43	8094	41	10280	45
1948	1949	9900	50	9900	50	9900	50	9929	50	10150	50	11420	50	11830	50	12450	50	12320	50
1949	1950	6100	43	6100	41	6100	39	6100	37	6107	34	6213	30	6476	29	6785	29	8093	32
1950	1951	5100	28	5230	25	5379	25	5448	27	5650	28	5768	26	5884	24	6119	23	7021	23
1951	1952	4520	16	4590	12	4627	12	4664	12	4706	12	4816	12	5022	12	5158	12	5770	13
1952	1953	4030	9	4167	8	4329	9	4390	9	4450	9	4572	9	4693	9	4825	9	4875	8
1953	1954	5360	33	5417	31	5440	28	5514	28	5680	29	6147	29	6786	32	7587	36	9037	39
1954	1955	3690	6	3803	4	3941	5	4024	5	4033	4	4075	4	4094	4	4124	4	4219	4
1955	1956	3340	3	3433	3	3484	2	3529	2	3547	1	3574	1	3617	1	3682	1	3937	1
1956	1957	3270	2	3367	2	3501	3	3564	3	3589	2	3652	2	3717	2	3760	2	4042	3
1957	1958	4680	18	4780	17	5029	19	5236	22	5644	27	5900	27	7578	40	8242	43	8341	33
1958	1959	4950	25	5087	24	5183	24	5244	23	5271	22	5408	18	5568	19	5808	21	6691	21
1959	1960	8000	49	8067	49	8089	49	8152	49	8487	49	9026	49	9279	48	9574	48	9990	43
1960	1961	6780	46	6877	46	6991	46	7051	46	7175	46	7521	42	8038	45	8724	45	10110	44
1961	1962	4810	23	4960	22	5110	23	5251	24	5329	23	5437	19	5447	15	5582	15	6346	17
1962	1963	4170	10	4323	11	4403	11	4525	11	4575	11	4615	11	4716	10	5006	10	5282	10
1963	1964	3780	7	3870	6	3933	4	4006	4	4042	5	4154	5	4286	6	4478	8	5270	9
1964	1965	10100	51	10130	51	10190	51	10340	51	10840	51	12320	51	14770	51	16230	51	19020	51
1965	1966	6210	44	6313	44	6423	42	6494	42	6789	43	7598	46	8396	46	9207	46	10580	47
1966	1967	5970	42	6273	43	6783	45	6963	44	7120	45	7756	47	8773	47	9505	47	11470	48
1967	1968	4640	17	4827	18	4943	17	5185	20	5242	20	5447	20	5605	20	5750	18	5849	14
1968	1969	3480	4	3827	5	4000	7	4081	6	4199	6	4241	7	4297	7	4371	6	4634	7
1969	1970	4940	24	5030	23	5060	21	5150	19	5234	18	5733	25	6068	26	6315	24	7366	27
1970	1971	5170	30	5510	32	5804	35	5906	33	6040	33	6473	34	6834	33	7151	32	8368	34
1971	1972	5080	27	5317	26	5573	30	5724	30	5852	30	6544	36	7306	39	8262	44	8601	35
1972	1973	4470	14	4683	14	4926	16	5118	17	5159	15	5264	14	5452	16	5787	20	6603	20
1973	1974	5390	34	5600	35	5784	34	5909	34	6138	35	6411	31	6719	31	6895	30	7889	30
1974	1975	5330	32	6003	40	6127	40	6165	39	6422	38	6619	37	7038	35	7457	33	8668	36
1975	1976	5510	39	5943	39	6284	41	6368	41	6486	40	6898	40	7612	41	8166	42	8944	38
1976	1977	5490	37	5567	33	5833	36	6144	38	6495	41	7571	44	7757	44	7943	40	9979	42

SUWANNEE RIVER BASIN  
02323500 SUWANNEE RIVER NEAR WILCOX, FL--Continued

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR (Continued)**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1977 1978	4690 19	4720 15	4799 13	4964 15	5089 14	5298 16	5500 17	5554 14	5556 11
1978 1979	4340 13	4760 16	4857 14	4950 14	5076 13	5227 13	5415 14	5633 16	6583 19
1979 1980	5540 40	6157 42	6621 44	6974 45	7091 44	7575 45	7628 42	7926 39	8024 31
1980 1981	4720 21	4863 19	4977 18	5076 16	5175 16	5283 15	5392 13	5514 13	5671 12
1981 1982	2960 1	3190 1	3349 1	3499 1	3678 3	3870 3	3903 3	3890 3	3973 2
1982 1983	4690 20	4937 20	5057 20	5119 18	5241 19	5600 23	5864 23	6350 25	7421 28
1983 1984	5550 41	5727 38	5911 37	6084 36	6215 36	6665 38	7157 37	7539 35	8821 37
1984 1985	3970 8	5350 27	5753 33	5881 32	6007 32	6089 28	6263 27	6411 26	6696 22
1985 1986	4240 12	4300 10	4336 10	4419 10	4469 10	4605 10	4811 11	5101 11	7084 24
1986 1987	4770 22	4953 21	5109 22	5229 21	5258 21	5339 17	5630 21	5773 19	5908 15
1987 1988	5170 31	5633 37	6047 38	6347 40	6448 39	6512 35	6592 30	6782 28	7189 26
1988 1989	5060 26	5413 30	5476 29	5516 29	5594 26	5666 24	5985 25	6650 27	7150 25
1989 1990	4470 15	4643 13	4857 15	4922 13	5215 17	5491 21	5559 18	5668 17	6123 16
1990 1991	3570 5	3920 7	3996 6	4124 7	4248 8	4253 8	4325 8	4409 7	4519 5
1991 1992	5120 29	5613 36	5743 31	5946 35	6246 37	6668 39	7020 34	7667 38	9761 41
1992 1993	5490 38	5573 34	5749 32	5849 31	5954 31	6435 33	6419 28	6962 31	7788 29

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1931 1931	14500 44	14500 43	14460 42	13950 41	12840 43	12180 37	11840 36	11360 36	10400 35
1942 1942	29200 12	29200 12	29030 12	28400 12	27510 12	24320 11	22080 12	20640 12	16940 13
1943 1943	8000 51	8000 51	8000 51	8000 51	8000 50	7734 50	7452 50	7089 50	6775 50
1944 1944	22300 23	22200 23	21960 23	21160 23	20390 23	18770 23	16220 24	14270 25	14230 21
1945 1945	24300 21	24300 21	24210 21	23660 21	22330 21	20560 18	16790 23	14070 26	12040 29
1946 1946	18600 31	18400 31	18340 31	18240 30	17930 28	16770 26	14980 27	14030 27	13480 24
1947 1947	17900 32	17770 32	17570 32	17060 32	16560 31	15590 28	13970 28	12620 32	10950 32
1948 1948	84700 1	83830 1	79640 1	68990 1	57570 1	46830 1	38130 1	34680 1	34210 1
1949 1949	20100 27	20100 27	19900 28	19320 28	17920 29	16070 27	15990 25	15350 22	14270 20
1950 1950	15700 38	15300 39	14610 40	13670 42	12270 45	10570 45	9584 44	8878 44	8050 44
1951 1951	12400 46	12400 46	12170 46	11630 46	10510 46	8994 46	8082 46	7542 47	7490 45
1952 1952	16500 36	16430 36	16230 36	16130 36	15760 34	14800 33	13480 32	13200 29	12150 27
1953 1953	13800 45	13700 45	13510 45	13240 45	12860 42	10850 44	9904 43	9216 43	9037 39
1954 1954	20000 29	20000 29	19890 29	19490 27	18010 26	15240 29	13670 31	14490 24	13140 25
1955 1955	5890 53	5797 53	5617 53	5229 53	4826 53	4588 53	4587 53	4526 53	4397 53
1956 1956	10300 49	10230 49	9960 49	9200 50	7736 51	6249 51	5887 52	5725 52	5394 52
1957 1957	15100 40	15100 40	14940 39	14510 39	13230 40	11080 41	10160 42	9625 42	8341 42
1958 1958	25800 17	25730 18	25540 18	24820 19	22760 20	19860 19	18410 19	17160 17	15890 15
1959 1959	40600 5	40530 5	40190 5	38740 4	35360 4	28660 7	25130 8	23690 7	20650 6
1960 1960	28600 13	28500 13	28130 13	26970 13	24190 16	22120 14	20040 15	17870 16	15740 16
1961 1961	21300 25	21230 25	20960 25	20170 25	18150 25	15090 30	13940 29	13120 30	11550 30
1962 1962	17100 35	17070 34	16930 34	16510 34	15210 35	12340 36	10790 39	9657 41	8310 43
1963 1963	14700 42	14700 41	14510 41	14430 40	14230 36	13020 35	11630 37	10420 37	8952 40
1964 1964	36700 7	36600 7	36130 7	34180 7	27910 11	24080 12	22480 11	21340 10	19020 9
1965 1965	32900 9	32200 10	32090 10	31530 10	30850 8	28980 6	26020 6	24960 5	22930 4
1966 1966	33000 8	33000 8	32810 8	32170 8	30360 9	26050 10	23020 10	20490 13	18970 10
1967 1967	20200 26	20130 26	20030 26	19510 26	17970 27	17030 25	15200 26	13390 28	12100 28
1968 1968	7570 52	7107 52	6534 52	6447 52	6212 52	6145 52	6060 51	5936 51	5849 51
1969 1969	11700 47	11470 48	11340 47	11230 47	10140 47	8612 48	7991 48	7593 46	7417 46
1970 1970	27100 15	27100 15	27040 15	26630 14	24430 14	19840 20	18420 18	17020 19	14880 18
1971 1971	15500 39	15430 38	15370 38	14790 38	13810 38	12080 38	10770 40	10380 38	9825 37
1972 1972	25800 18	25800 17	25710 17	25390 17	24170 17	21660 16	20110 14	18370 15	15590 17
1973 1973	54900 2	54700 2	54010 2	51200 2	43860 2	33940 3	29600 3	26790 3	23350 3
1974 1974	17300 33	17030 35	16810 35	16200 35	13360 39	10900 43	10610 41	9992 40	9217 38
1975 1975	27400 14	27330 14	27130 14	26320 15	24120 18	20750 17	19030 16	18730 14	16160 14
1976 1976	20100 28	20100 28	19930 27	19100 29	16820 30	15060 31	12960 33	11610 34	11040 31
1977 1977	25300 19	25270 19	25210 19	25030 18	24310 15	23120 13	21360 13	21110 11	17700 12
1978 1978	22800 22	22730 22	22610 22	22080 22	20870 22	19330 22	17920 20	16950 20	14700 19
1979 1979	18700 30	18600 30	18460 30	17810 31	15960 32	13940 34	12670 34	12320 33	10800 33
1980 1980	26600 16	26600 16	26510 16	25910 16	24630 13	22030 15	18860 17	17050 18	14140 22
1981 1981	10100 50	10010 50	9886 50	9374 49	8872 49	8758 47	8019 47	7394 49	6817 49
1982 1982	14800 41	14530 42	14390 43	13430 44	12880 41	11850 39	11960 35	11480 35	9963 36
1983 1983	31100 11	31100 11	30930 11	30260 10	30260 10	29140 5	26610 5	23960 6	19930 8
1984 1984	48300 3	48170 3	47730 3	46050 3	41660 3	36890 2	32220 2	29120 2	24480 2
1985 1985	16500 37	16430 37	16230 37	15850 37	14180 37	11010 42	9014 45	7879 45	7084 48
1986 1986	41300 4	41130 4	40300 4	37770 5	32990 5	27120 9	24030 9	21880 9	17980 11
1987 1987	32400 10	32330 9	32290 9	32050 9	30900 7	29710 4	28430 4	26000 4	21280 5
1988 1988	25300 20	25100 20	24790 20	24190 20	22830 19	19440 21	17190 22	15110 23	12360 26
1989 1989	11600 48	11530 47	11100 48	10480 48	9187 48	8066 49	7722 49	7452 48	7130 47
1990 1990	14600 43	14470 44	14000 44	13510 43	12660 44	11730 40	11160 38	10280 39	8784 41
1991 1991	38700 6	38600 6	38030 6	36090 6	31970 6	28300 8	25440 7	22960 8	20390 7
1992 1992	17300 34	17200 33	17030 33	16670 33	15840 33	14860 32	13910 30	12650 31	10610 34
1993 1993	21500 24	21430 24	21270 24	20620 24	19180 24	17880 24	17890 21	16630 21	14110 23

**STEINHATCHEE RIVER BASIN**  
 02324000 STEINHATCHEE RIVER NEAR CROSS CITY, FL

LOCATION.--Lat 29°47'11", long 83°19'18", in NE<sup>1</sup>/<sub>4</sub> sec.16, T.8 S., R.10 E., Taylor County, Hydrologic Unit 03110102, on right bank 0.7 mi downstream from Atlantic Coast Line Railroad bridge, 0.7 mi south of Clara, 13 mi upstream from mouth, and 16 mi northwest of Cross City.

DRAINAGE AREA.--350 mi<sup>2</sup>, approximately. See REMARKS.

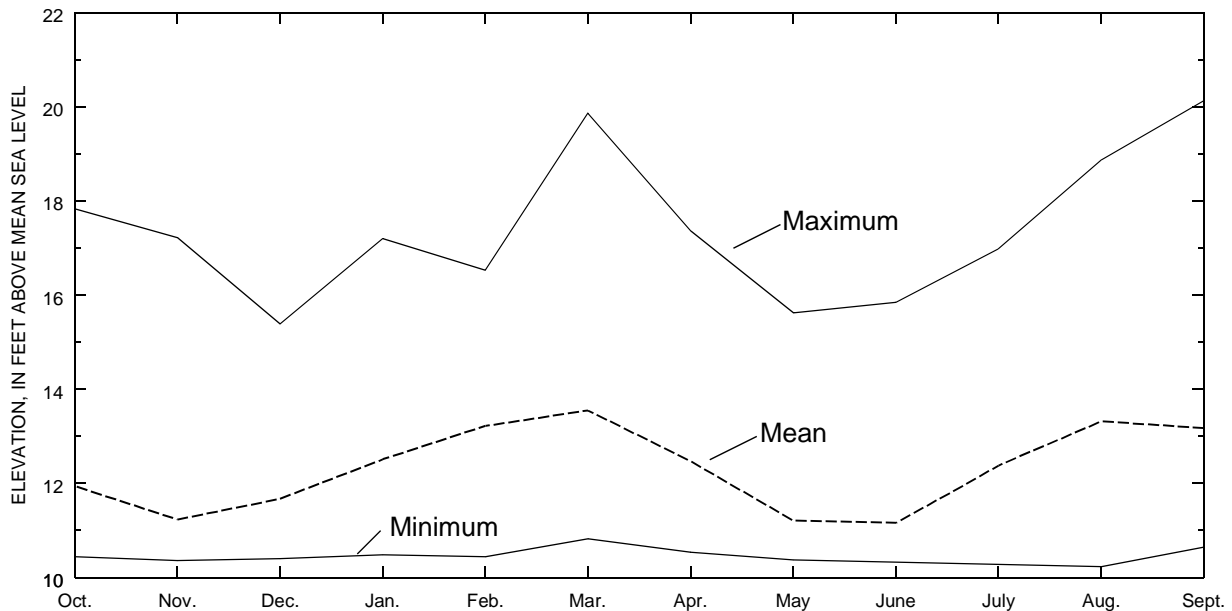
PERIOD OF RECORD.--February 1950 to 1993.

REVISED RECORDS.--WSP 1234: 1950. WSP 1724: Drainage area.

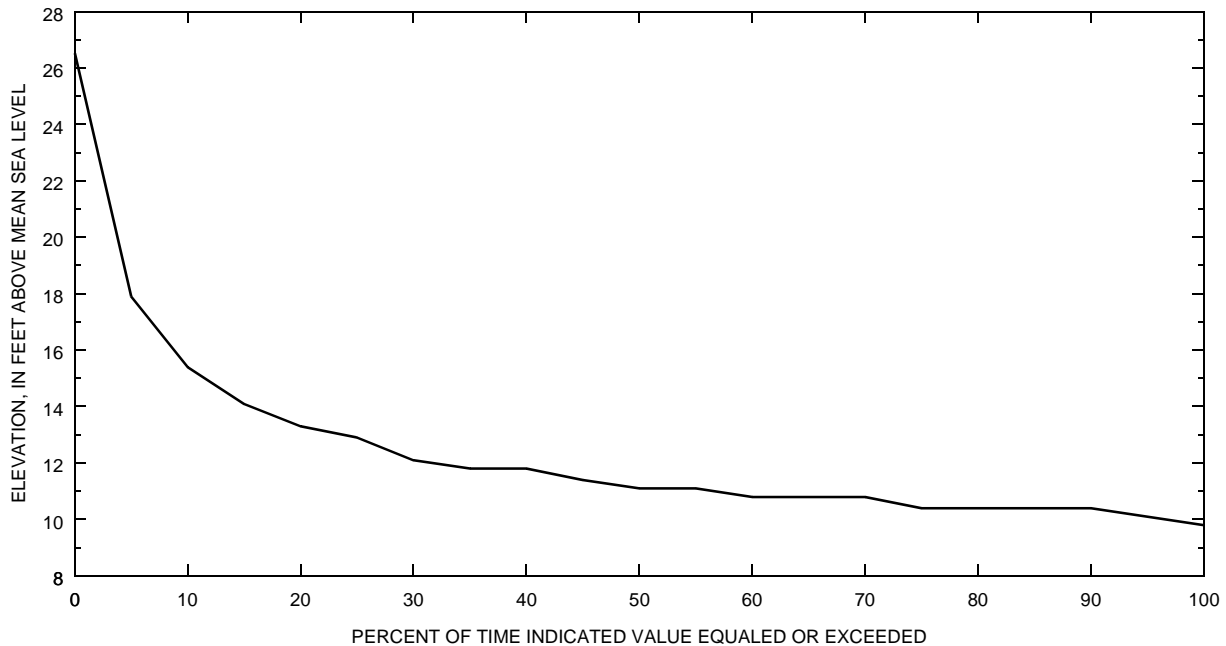
GAGE.--Water-stage recorder. Datum of gage is 7.84 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair. Below about 500 ft<sup>3</sup>/s, all flow enters sinkhole 0.5 mi downstream from gage. Above about 4,000 ft<sup>3</sup>/s, discharge measurements are made along U.S. Highways 19, 98, and Alternate 27, measurements include all flow from about 3 mi northwest to 5 mi southwest of main channel, drainage area is increased by about 30 mi<sup>2</sup>.

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN ELEVATIONS FOR WATER YEARS 1950-1993**



**DURATION OF DAILY MEAN ELEVATION FOR WATER YEARS 1950-1993**

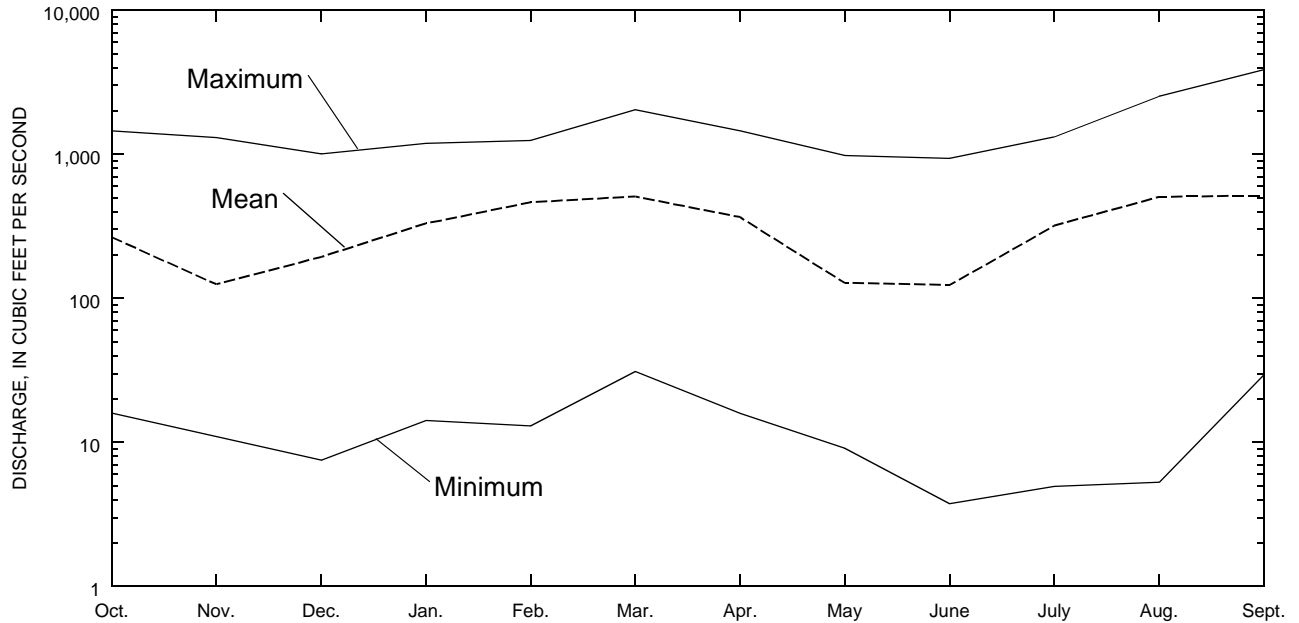


STEINHATCHEE RIVER BASIN  
 02324000 STEINHATCHEE RIVER NEAR CROSS CITY, FL--Continued

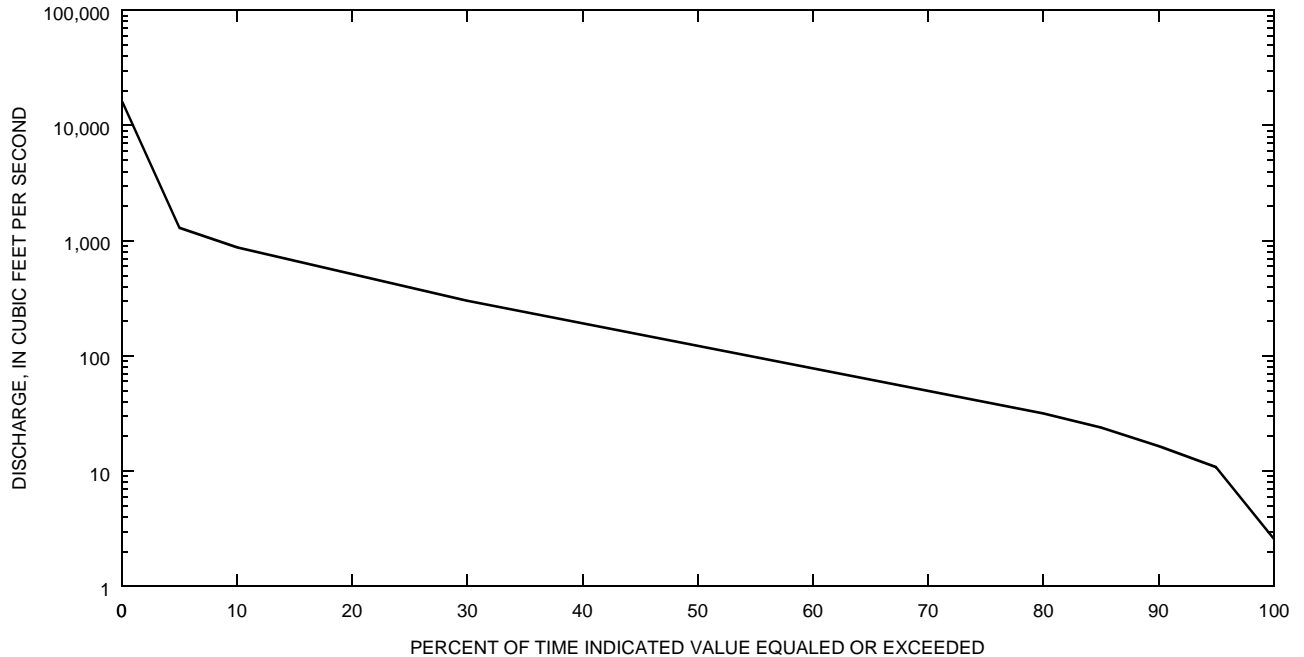
**SUMMARY STATISTICS IN CUBIC FEET PER SECOND  
 FOR WATER YEARS 1950 - 1993**

ANNUAL MEAN	322	
HIGHEST ANNUAL MEAN	901	1964
LOWEST ANNUAL MEAN	35.4	1956
HIGHEST DAILY MEAN	16400	Sep 14 1964
LOWEST DAILY MEAN	2.6	Jul 3 1981
ANNUAL SEVEN-DAY MINIMUM	2.8	Jul 2 1981
INSTANTANEOUS PEAK FLOW	17600	Sep 13 1964
INSTANTANEOUS PEAK ELEVATION (FT)	26.74	Sep 13 1964
INSTANTANEOUS LOW FLOW	2.5	Jul 18 1981
ANNUAL RUNOFF (INCHES/CFSM)	12.50/0.92	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1950-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1950-1993**



STEINHATCHEE RIVER BASIN  
02324000 STEINHATCHEE RIVER NEAR CROSS CITY, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1950-1993**

MONTH	ELEVATION FEET ABOVE SEA LEVEL			DISCHARGE CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	10.45	14.08	11.94	1436	16.0	266
NOVEMBER	17.21	10.36	11.23	1291	11.1	125
DECEMBER	15.37	10.40	11.67	998	7.53	194
JANUARY	17.19	10.48	12.51	1181	14.2	331
FEBRUARY	16.51	10.44	13.22	1234	13.0	465
MARCH	19.85	10.82	13.55	2022	31.0	509
APRIL	17.35	10.53	12.47	1443	15.9	366
MAY	15.61	10.37	11.21	972	9.09	128
JUNE	15.83	10.29	11.16	925	3.75	124
JULY	16.97	10.24	12.38	1305	4.94	320
AUGUST	18.86	10.23	13.32	2496	5.28	506
SEPTEMBER	20.12	10.64	13.17	3820	29.5	518

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1950-1993**

PERCENT OF TIME EQUALED OR EXCEEDED	ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
95.0	10.1	10.2	10.3	10.4	10.4	10.6	10.5	10.4	10.3	10.2	10.2	10.1	10.4
90.0	10.4	10.4	10.3	10.4	10.4	10.9	10.7	10.4	10.3	10.2	10.4	10.4	10.4
85.0	10.4	10.4	10.3	10.4	10.6	10.9	10.7	10.6	10.3	10.2	10.4	10.7	10.4
80.0	10.4	10.4	10.3	10.6	10.6	11.1	11.0	10.6	10.3	10.2	10.4	10.7	10.8
75.0	10.4	10.4	10.3	10.6	10.8	11.3	11.3	10.6	10.3	10.2	10.4	10.7	10.8
70.0	10.8	10.4	10.6	10.6	10.8	11.6	11.3	10.6	10.3	10.2	10.4	11.0	11.1
65.0	10.8	10.7	10.6	10.6	11.3	11.8	11.6	10.9	10.3	10.5	10.7	11.3	11.1
60.0	10.8	10.7	10.6	10.8	11.3	11.8	11.8	10.9	10.5	10.5	10.7	11.6	11.4
55.0	11.1	10.7	10.6	10.8	11.5	12.1	12.1	11.2	10.5	10.5	11.0	11.9	11.4
50.0	11.1	11.0	10.6	10.8	11.8	12.4	12.4	11.4	10.5	10.5	11.3	12.3	11.8
45.0	11.4	11.0	10.6	11.0	11.8	12.6	13.1	11.4	10.5	10.5	11.3	12.3	12.1
40.0	11.8	11.3	10.9	11.0	12.0	12.9	13.4	11.7	10.8	10.7	11.5	12.6	12.1
35.0	11.8	11.5	10.9	11.2	12.3	13.2	13.7	12.3	10.8	10.7	11.9	13.3	12.5
30.0	12.1	11.5	10.9	11.7	12.8	13.8	14.1	12.6	11.0	11.0	12.5	14.1	13.3
25.0	12.9	12.2	11.1	12.1	13.3	14.4	14.8	13.2	11.3	11.3	13.1	14.9	13.7
20.0	13.3	12.5	11.1	12.4	13.6	15.0	15.9	13.5	11.6	11.3	13.8	15.3	14.5
15.0	14.1	13.1	11.4	12.9	14.5	15.7	16.7	14.5	11.9	11.5	14.9	16.2	15.4
10.0	15.4	14.2	12.0	13.7	15.7	16.4	17.5	15.9	12.1	12.1	16.1	18.0	17.4
5.0	17.9	17.4	13.2	14.8	16.7	17.5	19.3	17.9	13.0	13.3	17.8	19.6	20.8
DISCHARGE IN CUBIC FEET PER SECOND													
95.0	10.8	12.2	11.1	13.3	19.8	43.0	35.7	19.2	8.6	5.9	6.6	13.8	24.1
90.0	16.5	16.4	13.1	20.8	31.6	61.5	48.2	28.4	10.9	7.2	15.0	34.9	35.7
85.0	23.9	20.5	14.9	24.0	45.7	83.0	60.7	33.7	12.8	8.5	21.0	46.3	50.2
80.0	31.8	25.8	20.7	28.0	57.7	103.9	78.2	41.4	14.5	10.7	28.5	57.6	67.0
75.0	40.5	32.2	27.6	33.2	73.4	128.3	105.4	50.2	16.5	13.3	37.4	74.2	86.8
70.0	50.6	39.4	31.4	39.0	89.8	158.8	128.9	59.9	19.0	16.1	49.3	100.8	106.4
65.0	61.9	47.7	34.9	46.0	120.3	195.7	154.0	72.8	22.7	19.6	59.8	140.2	128.0
60.0	77.0	57.8	38.3	55.1	143.9	240.6	189.7	90.7	27.4	24.3	72.7	183.1	154.3
55.0	97.4	71.5	43.9	65.4	169.1	277.6	242.8	114.9	33.7	30.5	95.3	223.5	186.1
50.0	122.1	88.5	50.7	77.8	197.3	323.0	307.0	140.5	43.4	37.6	121.0	269.2	223.5
45.0	152.0	109.7	58.3	94.2	231.5	382.1	374.9	175.0	53.4	44.9	158.6	316.1	265.1
40.0	191.0	134.0	65.9	115.9	274.5	439.9	444.4	221.8	65.7	52.9	193.3	384.9	312.9
35.0	241.4	162.4	74.6	143.3	326.5	512.7	521.7	289.7	80.5	64.5	234.5	481.1	378.0
30.0	302.3	204.0	85.5	213.0	391.0	612.8	602.7	373.3	97.8	91.6	296.0	599.4	486.6
25.0	389.3	257.8	99.5	266.7	468.3	710.5	717.1	463.3	122.3	122.1	394.0	726.2	587.6
20.0	502.7	338.0	123.8	335.0	553.4	825.0	869.7	573.3	158.2	155.6	530.0	864.8	716.3
15.0	660.0	464.0	157.5	405.0	669.2	962.2	1042.2	743.7	214.0	208.2	711.5	1048.4	882.8
10.0	876.9	675.1	215.4	531.3	843.5	1108.6	1250.7	1044.8	291.4	295.3	904.0	1303.5	1186.1
5.0	1294.6	1185.2	419.2	760.4	1081.9	1329.6	1652.3	1485.0	459.4	535.9	1267.5	1688.4	1667.9

STEINHATCHEE RIVER BASIN  
02324000 STEINHATCHEE RIVER NEAR CROSS CITY, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1951 1952	10.3 6	10.5 18	10.5 18	10.5 18	10.5 16	10.5 16	10.6 12	10.9 17	11.4 15
1952 1953	10.4 13	10.4 10	10.4 10	10.4 11	10.5 17	10.6 17	10.6 17	10.8 14	11.3 13
1953 1954	10.5 23	10.5 21	10.5 21	10.5 21	10.8 26	11.5 27	12.1 25	12.5 26	13.7 27
1954 1955	10.3 4	10.3 4	10.3 4	10.4 5	10.4 6	10.4 6	10.5 6	10.6 11	10.9 8
1955 1956	10.3 3	10.3 3	10.3 3	10.3 3	10.3 3	10.4 3	10.4 3	10.5 3	10.7 2
1956 1957	10.4 16	10.4 15	10.4 15	10.4 12	10.4 12	10.5 10	10.5 7	10.5 4	10.8 7
1957 1958	10.7 28	10.7 28	10.8 28	10.9 27	11.1 27	11.3 25	12.3 27	12.6 27	13.5 26
1959 1960	10.7 27	10.7 27	10.8 27	10.9 28	11.9 28	12.1 28	12.3 28	12.8 28	13.9 28
1960 1961	10.4 19	10.5 19	10.5 19	10.5 20	10.5 18	10.8 20	11.2 23	11.7 24	12.9 23
1961 1962	10.3 8	10.3 6	10.3 6	10.4 6	10.4 4	10.4 9	10.5 8	10.6 8	10.7 3
1962 1963	10.4 18	10.4 17	10.4 17	10.4 17	10.5 13	10.5 15	10.6 13	10.6 10	11.4 16
1963 1964	10.4 17	10.4 16	10.4 16	10.4 13	10.4 11	10.5 11	10.6 15	11.1 20	11.4 18
1964 1965	10.5 24	10.5 24	10.5 24	10.6 24	10.6 23	11.3 26	12.2 26	12.3 25	12.9 24
1968 1969	10.3 9	10.4 8	10.4 7	10.4 9	10.4 7	10.4 8	10.5 5	10.6 7	10.7 1
1969 1970	10.6 25	10.6 25	10.6 25	10.6 25	10.7 25	11.2 24	11.4 24	11.7 23	13.5 25
1970 1971	10.5 22	10.5 23	10.5 23	10.5 22	10.6 19	10.6 19	10.7 18	11.0 18	11.4 17
1971 1972	10.4 14	10.4 11	10.4 13	10.4 14	10.5 14	10.5 13	10.6 16	10.8 15	12.3 21
1975 1976	10.6 26	10.6 26	10.6 26	10.7 26	10.7 24	10.8 21	11.1 22	11.4 22	11.5 19
1976 1977	10.5 20	10.5 20	10.5 20	10.5 19	10.6 21	10.8 22	10.9 21	11.0 19	11.1 10
1977 1978	10.2 1	10.2 1	10.2 2	10.2 2	10.2 1	10.3 1	10.3 1	10.4 2	11.2 12
1978 1979	10.3 7	10.3 7	10.4 8	10.4 7	10.4 5	10.4 4	10.5 11	10.6 12	11.3 14
1979 1980	10.5 21	10.5 22	10.5 22	10.5 23	10.6 22	10.6 18	10.8 19	11.2 21	12.1 20
1980 1981	10.4 11	10.4 12	10.4 11	10.4 16	10.6 20	10.8 23	10.9 20	10.9 16	11.1 11
1985 1986	10.3 5	10.3 5	10.3 5	10.3 4	10.4 8	10.4 7	10.5 9	10.6 9	12.7 22
1987 1988	10.4 15	10.4 13	10.4 12	10.4 10	10.4 10	10.5 12	10.5 10	10.5 5	10.8 5
1989 1990	10.4 12	10.4 14	10.4 14	10.4 15	10.5 15	10.5 14	10.6 14	10.7 13	11.0 9
1991 1992	10.4 10	10.4 9	10.4 9	10.4 8	10.4 9	10.4 5	10.4 4	10.5 6	10.8 6
1992 1993	10.2 2	10.2 2	10.2 1	10.2 1	10.2 2	10.3 2	10.3 2	10.3 1	10.7 4

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1951 1951	16.7 22	16.5 22	16.0 22	14.8 23	13.6 23	12.7 24	12.0 24	11.6 24	11.7 23
1952 1952	23.1 8	23.0 8	22.5 6	20.4 8	17.5 12	15.3 14	14.3 15	14.7 9	13.9 8
1953 1953	23.2 7	23.0 7	21.1 13	19.6 10	18.3 7	16.4 8	15.5 7	14.7 8	14.1 6
1954 1954	23.2 6	23.1 6	22.4 7	19.4 11	17.8 10	15.7 10	14.8 12	14.8 5	13.6 10
1955 1955	15.1 25	15.0 25	14.6 25	13.7 25	12.7 25	11.9 26	11.5 26	11.3 27	11.0 26
1956 1956	12.9 29	12.7 29	12.3 29	11.7 29	11.2 29	11.0 29	11.0 29	10.9 29	10.9 28
1957 1957	22.5 11	22.3 11	21.5 12	19.0 13	16.8 15	15.5 12	14.6 14	14.7 7	13.5 12
1958 1958	23.7 4	23.5 5	23.2 4	21.3 4	17.2 13	15.7 11	14.9 10	14.5 11	14.1 7
1960 1960	22.3 13	22.2 13	21.8 10	19.6 9	18.8 5	17.0 6	15.7 5	14.8 6	14.7 5
1961 1961	22.6 10	22.5 10	22.1 9	21.2 5	18.0 8	14.5 18	13.3 19	12.9 20	12.8 17
1962 1962	16.3 23	15.6 24	15.3 23	14.8 22	13.5 24	12.8 23	12.1 23	11.7 23	11.4 25
1963 1963	17.4 21	17.3 21	16.9 21	16.6 18	16.1 17	14.6 16	13.6 18	13.0 19	12.4 19
1964 1964	26.5 1	26.3 1	25.5 1	24.0 1	21.1 1	20.4 1	19.1 1	17.0 1	15.6 1
1965 1965	18.4 19	18.0 19	17.4 18	15.9 20	14.7 20	13.5 20	13.1 21	13.3 17	12.9 15
1968 1968	16.1 24	15.6 23	14.6 24	13.3 26	12.1 28	11.6 27	11.4 27	11.3 26	11.0 27
1969 1969	21.4 15	21.3 15	20.8 15	18.9 14	17.1 14	17.0 3	15.6 6	14.5 10	13.5 13
1970 1970	24.6 2	24.5 2	24.1 2	23.3 2	20.7 3	16.4 7	16.2 3	15.9 2	14.7 4
1971 1971	20.0 17	19.7 17	19.1 17	17.9 16	17.5 11	15.5 13	14.0 16	13.1 18	12.3 20
1972 1972	22.0 14	21.8 14	21.0 14	18.6 15	16.1 16	14.9 15	15.0 8	14.4 12	13.6 11
1975 1975	17.6 20	17.5 20	17.2 19	16.4 19	15.7 18	14.4 19	13.9 17	13.3 16	12.9 16
1976 1976	13.1 28	13.1 28	13.0 28	12.7 28	12.2 27	12.0 25	11.9 25	11.6 25	11.5 24
1977 1977	20.1 16	19.9 16	19.3 16	16.9 17	14.8 19	14.6 17	14.6 13	14.1 13	13.1 14
1978 1978	22.4 12	22.3 12	21.7 11	19.3 12	18.4 6	17.4 2	16.3 2	15.7 3	14.9 2
1979 1979	19.6 18	18.9 18	17.0 20	15.9 21	14.2 21	13.1 22	12.9 22	12.7 22	12.1 22
1980 1980	23.6 5	23.6 4	23.2 5	21.2 6	17.9 9	15.9 9	14.8 11	14.1 14	13.9 9
1985 1985	24.0 3	23.9 3	23.6 3	22.7 3	20.8 2	17.0 4	15.0 9	13.8 15	12.7 18
1991 1991	23.0 9	22.9 9	22.4 8	20.7 7	20.2 4	17.0 5	15.9 4	15.1 4	14.8 3
1992 1992	13.9 27	13.8 27	13.5 27	13.0 27	12.3 26	11.4 28	11.1 28	11.0 28	10.8 29
1993 1993	14.7 26	14.6 26	14.4 26	14.2 24	13.9 22	13.5 21	13.2 20	12.8 21	12.1 21

STEINHATCHEE RIVER BASIN  
02324000 STEINHATCHEE RIVER NEAR CROSS CITY, FL--Continued

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183
1950	1951	3.60 3	3.63 3	3.84 3	5.23 4	11.3 10	17.1 15	22.2 13	76.5 25	125 19
1951	1952	6.80 11	7.57 11	8.41 11	9.00 10	9.72 8	17.5 17	21.4 9	62.7 23	126 20
1952	1953	11.0 25	11.0 25	11.6 25	12.6 24	19.7 24	26.3 24	33.5 23	47.9 20	121 18
1953	1954	8.30 13	8.53 13	9.47 14	13.4 25	42.3 39	131 42	234 40	288 41	533 43
1954	1955	9.80 19	9.80 19	10.3 17	11.7 19	12.9 17	15.6 12	22.2 14	38.6 16	62.0 10
1955	1956	3.70 4	3.83 5	4.04 4	4.29 3	4.98 3	6.62 3	7.97 2	10.2 2	23.2 1
1956	1957	5.90 8	6.30 10	6.60 10	7.61 9	11.3 11	14.3 9	16.8 6	20.5 5	47.6 6
1957	1958	44.0 43	45.0 42	51.0 42	56.5 42	87.4 42	102 39	257 42	311 42	474 39
1958	1959	21.0 36	22.7 36	29.1 38	35.0 39	50.9 41	75.3 36	84.7 32	82.1 27	167 27
1959	1960	43.0 42	45.0 43	55.1 43	66.3 43	200 43	227 43	255 41	336 43	524 42
1960	1961	14.0 30	15.7 31	18.0 32	23.1 31	26.6 28	52.1 32	110 35	195 38	404 38
1961	1962	10.0 20	10.0 20	10.0 15	10.9 13	11.9 13	17.3 16	22.6 15	32.4 11	42.4 3
1962	1963	5.90 9	5.90 8	6.24 7	6.81 7	8.06 6	13.7 8	16.8 7	23.6 7	131 21
1963	1964	10.0 21	10.0 21	10.3 18	11.1 16	12.6 15	17.0 14	31.8 21	99.5 30	149 24
1964	1965	17.0 34	18.0 34	20.9 34	30.6 36	35.5 35	125 41	286 43	279 40	375 37
1965	1966	10.0 22	10.0 22	10.1 16	10.9 14	22.4 27	84.0 37	111 36	165 36	245 30
1966	1967	39.0 41	39.3 41	40.6 41	42.4 41	50.8 40	86.3 38	153 39	199 39	373 36
1967	1968	10.0 23	10.7 24	10.9 23	11.0 15	11.5 12	13.1 7	21.6 11	48.7 21	83.6 13
1968	1969	4.70 6	5.00 6	5.04 5	5.60 5	5.90 4	7.99 5	12.4 5	21.8 6	33.6 2
1969	1970	21.0 37	23.0 37	25.9 36	28.4 34	37.6 37	109 40	138 38	184 37	484 40
1970	1971	15.0 32	17.0 33	20.0 33	27.1 32	32.2 32	42.2 29	52.2 26	94.9 29	148 23
1971	1972	8.20 12	8.47 12	9.16 13	10.8 12	14.0 19	19.0 18	32.9 22	57.2 22	303 35
1972	1973	8.80 14	9.10 15	11.3 24	13.7 27	21.0 26	30.6 26	66.0 29	77.7 26	97.6 16
1973	1974	8.80 15	8.80 14	8.96 12	9.44 11	10.7 9	14.9 11	28.8 19	37.1 14	54.8 7
1974	1975	24.0 38	24.3 38	27.0 37	28.7 35	30.6 30	39.7 28	66.1 30	118 31	295 34
1975	1976	31.0 39	31.3 39	32.9 40	35.8 40	38.9 38	50.8 31	104 34	141 34	165 26
1976	1977	16.0 33	16.7 32	17.6 31	20.0 30	27.8 29	54.1 33	71.9 31	88.1 28	97.0 15
1977	1978	6.20 10	6.20 9	6.37 8	6.43 6	6.51 5	7.12 4	8.78 3	13.0 3	143 22
1978	1979	11.0 26	11.0 26	11.9 28	12.3 23	12.6 16	15.8 13	27.6 18	42.1 17	150 25
1979	1980	19.0 35	21.0 35	24.0 35	27.5 33	32.0 31	37.4 27	53.9 27	121 32	269 31
1980	1981	13.0 29	13.7 29	14.3 29	17.8 28	33.1 33	57.3 34	64.8 28	64.1 24	103 17
1981	1982	2.60 1	2.73 1	2.80 1	2.90 1	2.97 1	4.48 1	9.49 4	19.7 4	42.7 4
1982	1983	31.0 40	31.3 40	31.7 39	33.0 38	37.1 36	49.9 30	90.2 33	152 35	285 33
1983	1984	3.20 2	3.53 2	6.54 9	30.6 37	33.3 34	69.2 35	122 37	134 33	179 28
1984	1985	11.0 27	11.0 27	11.6 26	13.4 26	15.7 23	20.4 21	25.6 16	28.0 9	43.6 5
1985	1986	5.60 7	5.80 7	6.09 6	6.86 8	8.44 7	12.0 6	21.6 12	32.4 12	507 41
1986	1987	14.0 31	14.7 30	15.7 30	18.7 29	20.6 25	28.8 25	38.5 25	47.7 19	274 32
1987	1988	10.0 24	10.0 23	10.6 22	11.4 17	12.5 14	20.3 20	21.5 10	25.5 8	57.6 8
1988	1989	9.40 17	9.43 16	10.5 19	11.5 18	14.4 22	23.7 23	29.2 20	36.9 13	180 29
1989	1990	9.40 18	9.57 18	10.5 20	11.9 21	14.2 21	19.1 19	26.0 17	44.5 18	86.7 14
1990	1991	9.00 16	9.50 17	10.5 21	11.8 20	14.1 20	22.4 22	35.7 24	38.1 15	70.0 12
1991	1992	11.0 28	11.0 28	11.6 27	11.9 22	13.7 18	14.4 10	17.6 8	30.4 10	62.4 11
1992	1993	3.70 5	3.70 4	3.79 2	4.09 2	4.38 2	5.68 2	6.34 1	9.25 1	60.2 9

STEINHATCHEE RIVER BASIN  
02324000 STEINHATCHEE RIVER NEAR CROSS CITY, FL--Continued

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1951 1951	932 36	894 35	829 35	630 37	447 37	312 37	220 37	169 38	177 35
1952 1952	3560 10	3410 10	2933 8	2062 12	1333 16	851 20	654 23	700 14	552 17
1953 1953	3680 9	3450 9	2246 17	1591 20	1453 11	1025 15	847 12	691 15	583 15
1954 1954	3700 8	3547 8	2903 9	1866 13	1149 22	804 23	733 19	713 13	513 18
1955 1955	684 39	667 39	600 39	474 38	317 39	201 40	146 40	118 41	89.8 40
1956 1956	337 43	317 43	258 43	164 43	96.6 43	68.2 43	64.9 43	60.8 43	51.5 43
1957 1957	2770 16	2663 16	2210 18	1539 21	1079 24	821 22	648 24	665 17	474 22
1958 1958	4290 6	4140 6	3707 7	2591 7	1479 9	791 24	665 22	589 23	606 12
1959 1959	4190 7	4100 7	3743 6	2774 5	1930 6	1225 6	1022 5	927 4	835 4
1960 1960	2670 18	2560 18	2263 16	1658 17	1454 10	1077 10	847 11	689 16	673 9
1961 1961	2920 14	2807 14	2489 13	2063 11	1377 14	733 26	503 28	427 29	397 25
1962 1962	934 35	806 36	768 36	673 35	471 36	348 36	240 36	186 36	131 38
1963 1963	1100 34	1090 34	1032 34	972 31	889 27	658 28	488 29	393 30	315 30
1964 1964	16400 1	15070 1	11160 1	6954 1	3858 1	3034 1	2349 1	1774 1	1304 1
1965 1965	1310 32	1243 32	1127 32	874 34	666 31	473 32	406 32	436 28	372 28
1966 1966	2240 21	2187 21	2029 20	1678 16	1296 17	1093 9	806 15	662 18	573 16
1967 1967	2150 22	2090 22	1639 25	1191 27	781 29	569 30	438 31	348 33	362 29
1968 1968	884 37	787 37	641 38	425 39	251 42	167 41	137 41	124 40	87.3 41
1969 1969	2010 24	1953 24	1799 23	1430 24	1088 23	1077 11	833 13	658 19	484 21
1970 1970	7030 2	6717 2	5717 2	4340 2	2854 2	1567 2	1102 3	940 3	831 5
1971 1971	1600 30	1550 29	1447 28	1240 26	1178 20	826 21	581 26	440 27	310 31
1972 1972	2320 20	2223 20	1937 21	1433 23	923 26	743 25	758 17	640 20	508 19
1973 1973	3130 12	3067 12	2757 11	2085 9	1349 15	857 19	877 10	781 11	596 14
1974 1974	1530 31	1503 30	1410 30	1259 25	1048 25	893 18	630 25	490 25	399 24
1975 1975	1180 33	1160 33	1089 33	968 32	859 28	628 29	552 27	461 26	382 27
1976 1976	458 42	457 42	429 42	367 42	283 41	248 38	215 38	179 37	165 37
1977 1977	1610 29	1570 28	1450 27	1067 29	748 30	700 27	709 21	614 22	446 23
1978 1978	2690 17	2613 17	2360 14	1658 18	1397 13	1216 7	1016 6	925 5	777 6
1979 1979	1650 28	1487 31	1132 31	935 33	642 33	437 33	394 33	357 32	269 33
1980 1980	4590 5	4433 5	3867 5	2713 6	1714 7	960 17	745 18	614 21	652 11
1981 1981	501 41	497 41	470 41	389 41	331 38	240 39	180 39	149 39	125 39
1982 1982	2800 15	2717 15	2593 12	2083 10	1612 8	1098 8	895 9	786 10	723 7
1983 1983	1910 25	1860 25	1734 24	1456 22	1211 19	1058 13	1012 7	862 7	657 10
1984 1984	2420 19	2367 19	2137 19	1743 14	1272 18	1027 14	785 16	813 9	602 13
1985 1985	5560 3	5283 3	4556 3	3466 3	2496 3	1475 3	1006 8	757 12	507 20
1986 1986	3000 13	2813 13	2356 15	1715 15	1167 21	996 16	831 14	848 8	709 8
1987 1987	2090 23	2037 23	1850 22	1598 19	1398 12	1345 4	1274 2	1187 2	892 2
1988 1988	5010 4	4873 4	4311 4	3181 4	1983 5	1063 12	717 20	544 24	383 26
1989 1989	1710 27	1647 27	1429 29	1026 30	651 32	399 34	300 34	242 34	177 36
1990 1990	1830 26	1750 26	1543 26	1093 28	615 34	348 35	248 35	192 35	202 34
1991 1991	3530 11	3303 11	2870 10	2259 8	2098 4	1339 5	1090 4	913 6	840 3
1992 1992	589 40	567 40	506 40	416 40	287 40	156 42	105 42	81.1 42	66.7 42
1993 1993	731 38	724 38	673 37	641 36	579 35	510 31	462 30	380 31	272 32

**FENHOLLOWAY RIVER BASIN**  
 02324400 FENHOLLOWAY RIVER NEAR FOLEY, FL

LOCATION.--Lat 30°05'53", long 83°28'19", in NE<sup>1</sup>/<sub>4</sub> sec.36, T.4 S., R.8 E., Taylor County, Hydrologic Unit 03110102, near left bank at downstream side of bridge on U.S. Highway 27, 1.8 mi upstream from small tributary, 4 mi northeast of Foley, and 32 mi upstream from mouth.

DRAINAGE AREA.--60 mi<sup>2</sup> approximately.

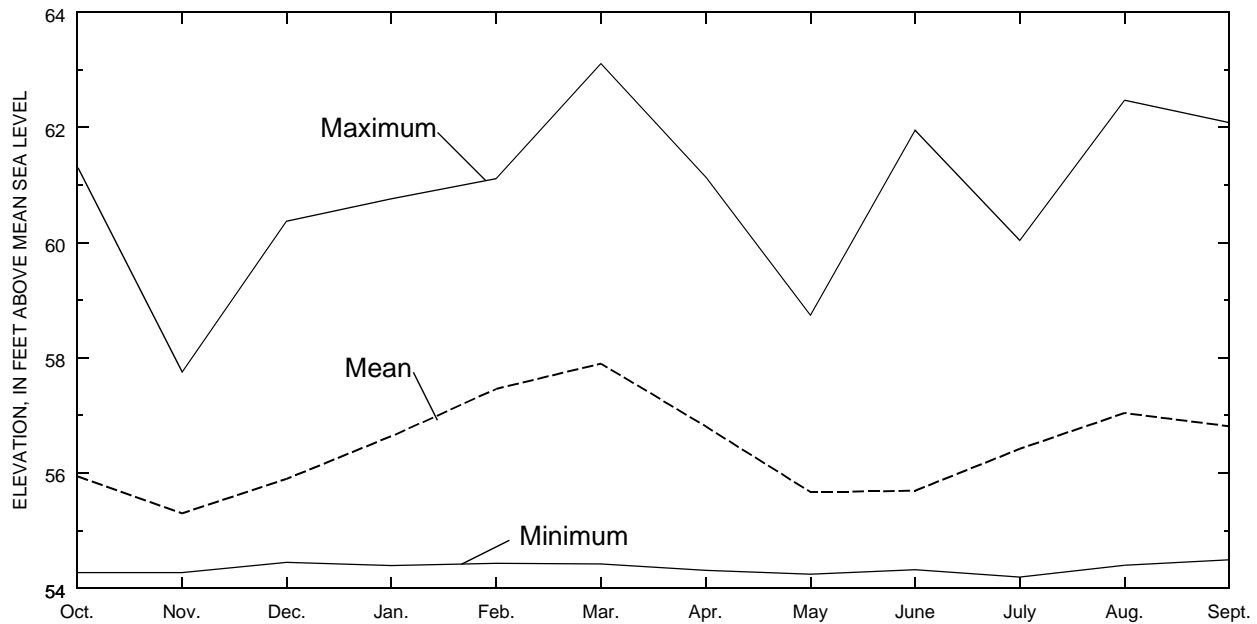
PERIOD OF RECORD.--February to August 1955 (discharge measurements only); September 1955 to 1993.

REVISED RECORDS.--WSP 1905: Drainage area.

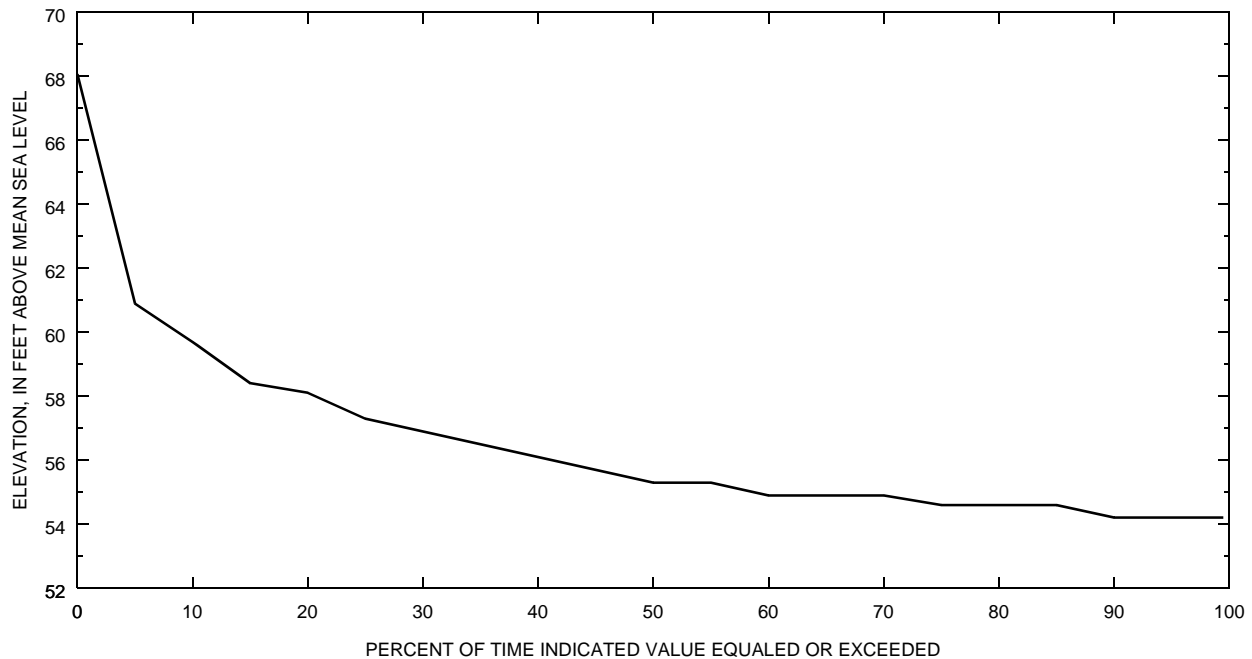
GAGE.--Water-stage recorder. Datum of gage is 53.59 ft above National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark).

REMARKS.--Records fair.

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN ELEVATIONS FOR WATER YEARS 1956-1993**



**DURATION OF DAILY MEAN ELEVATION FOR WATER YEARS 1956-1993**

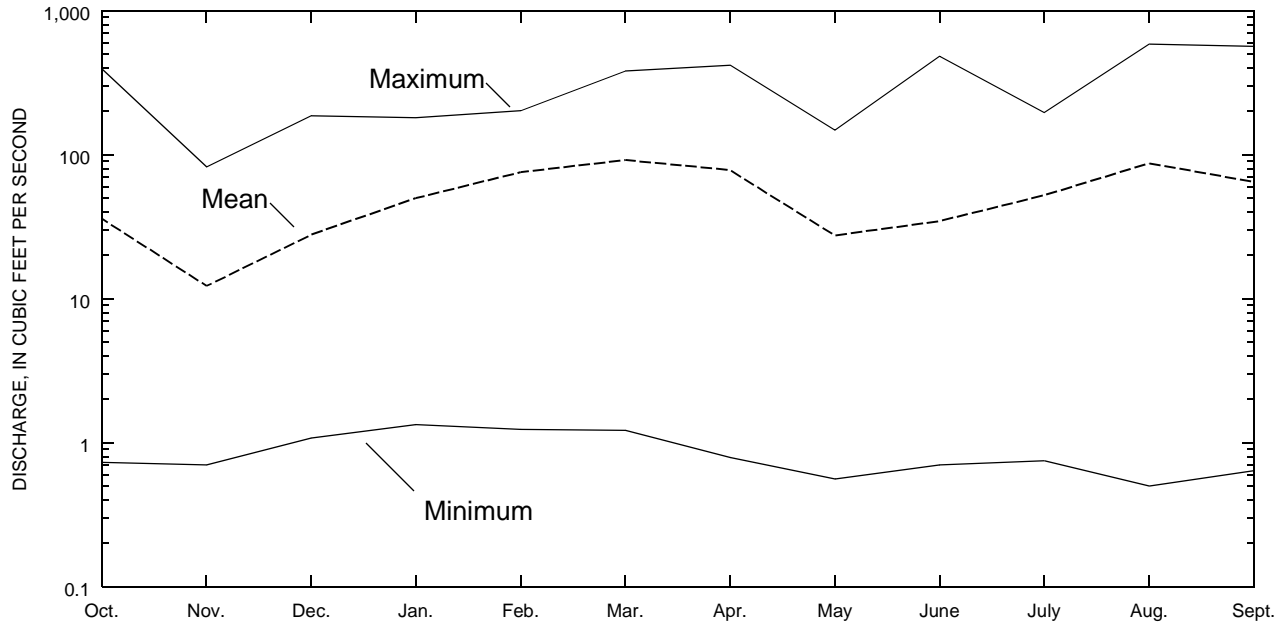


FENHOLLOWAY RIVER BASIN  
 02324400 FENHOLLOWAY RIVER NEAR FOLEY, FL--Continued

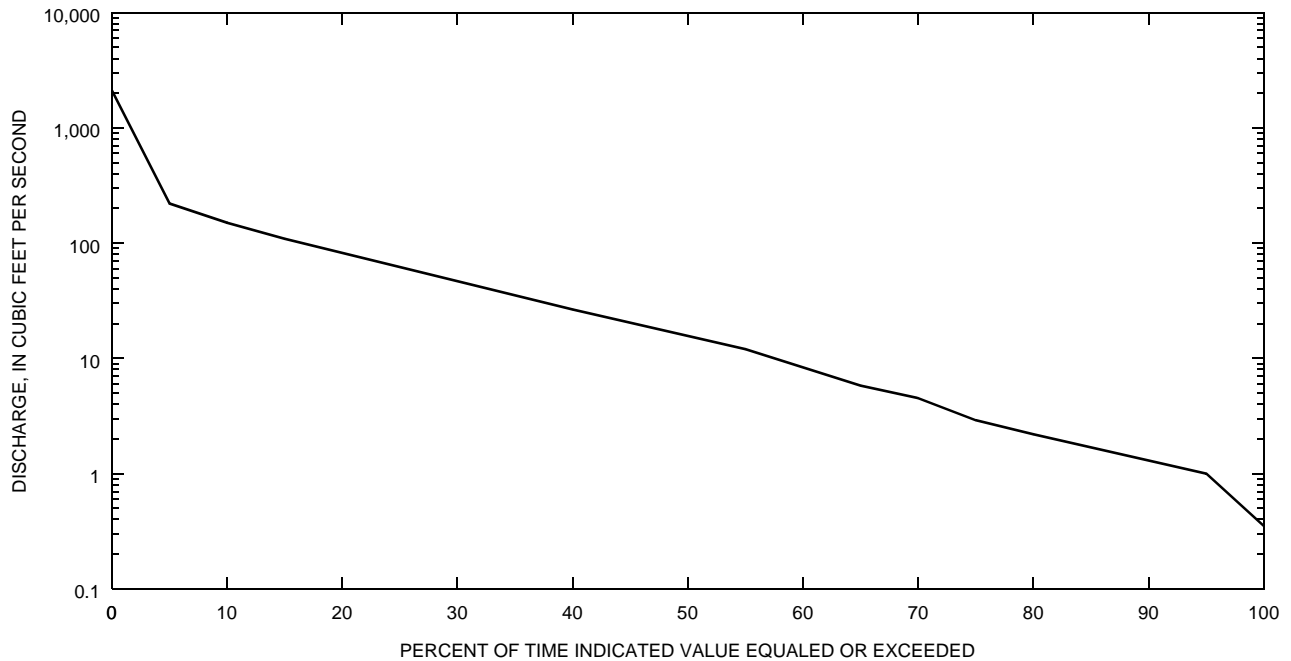
**SUMMARY STATISTICS IN CUBIC FEET PER SECOND  
 FOR WATER YEARS 1956 - 1993**

ANNUAL MEAN	53.1	
HIGHEST ANNUAL MEAN	154	1964
LOWEST ANNUAL MEAN	4.42	1968
HIGHEST DAILY MEAN	2710	Sep 12 1964
LOWEST DAILY MEAN	.35	Aug 25 1993
ANNUAL SEVEN-DAY MINIMUM	.41	Aug 20 1993
INSTANTANEOUS PEAK FLOW	3210	Sep 12 1964
INSTANTANEOUS PEAK ELEVATION (FT)	68.80	Sep 12 1964
INSTANTANEOUS LOW FLOW	.32	Aug 25 1993
ANNUAL RUNOFF (INCHES/CFSM)	12.02/0.89	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1956-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1956-1993**



FENHOLLOWAY RIVER BASIN  
02324400 FENHOLLOWAY RIVER NEAR FOLEY, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1956-1993**

MONTH	ELEVATION FEET ABOVE SEA LEVEL			DISCHARGE CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	61.29	54.27	55.94	389	.73	36.0
NOVEMBER	57.73	54.27	55.30	81.5	.70	12.3
DECEMBER	60.36	54.45	55.90	185	1.08	27.9
JANUARY	60.75	54.39	56.64	179	1.34	49.9
FEBRUARY	61.10	54.43	57.46	200	1.24	75.7
MARCH	63.09	54.42	57.90	377	1.22	91.8
APRIL	61.12	54.31	56.81	413	.79	78.2
MAY	58.72	54.24	55.67	147	.56	27.5
JUNE	61.93	54.32	55.69	478	.70	34.6
JULY	60.02	54.19	56.42	194	.75	52.3
AUGUST	62.46	54.40	57.04	580	.50	87.2
SEPTEMBER	62.07	54.49	56.81	560	.64	64.7

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1956-1993**

PERCENT  
OF TIME  
EQUALED OR  
EXCEEDED

ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
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**ELEVATION IN FEET ABOVE MEAN SEA LEVEL**

95.0	54.2	54.2	54.4	54.4	54.3	54.4	54.3	54.3	54.2	54.2	54.2	54.2	54.3
90.0	54.2	54.2	54.4	54.4	54.6	54.7	54.6	54.6	54.2	54.2	54.5	54.5	54.3
85.0	54.6	54.2	54.4	54.6	54.6	55.0	54.9	54.9	54.5	54.2	54.5	54.5	54.3
80.0	54.6	54.5	54.4	54.6	55.1	55.3	55.2	54.9	54.5	54.2	54.5	54.8	54.7
75.0	54.6	54.5	54.6	54.6	55.1	55.6	55.5	54.9	54.5	54.6	54.5	54.8	54.7
70.0	54.9	54.5	54.6	54.6	55.3	55.9	55.8	55.2	54.5	54.6	54.8	54.8	55.1
65.0	54.9	54.5	54.6	54.8	55.3	56.2	56.2	55.2	54.5	54.6	54.8	55.1	55.1
60.0	54.9	54.9	54.7	54.8	55.6	56.8	56.8	55.6	54.8	54.6	55.1	55.4	55.4
55.0	55.3	54.9	54.7	55.1	55.6	57.1	56.8	55.6	54.8	54.6	55.4	56.0	55.4
50.0	55.3	54.9	54.7	55.1	55.8	57.1	57.2	55.9	55.0	54.9	55.4	56.3	55.8
45.0	55.7	55.2	54.9	55.1	55.8	57.4	57.5	56.2	55.0	54.9	55.8	56.6	55.8
40.0	56.1	55.6	54.9	55.3	56.3	57.7	58.2	56.6	55.3	54.9	56.1	56.9	56.2
35.0	56.5	55.6	55.1	55.5	56.6	57.7	58.5	56.9	55.6	55.3	56.4	57.5	56.6
30.0	56.9	55.9	55.1	55.5	57.3	58.0	58.8	57.2	55.9	55.3	56.7	57.9	57.4
25.0	57.3	56.3	55.3	56.0	57.9	58.3	59.5	57.9	56.2	55.7	57.0	58.5	57.8
20.0	58.1	57.0	55.7	57.0	58.4	58.9	60.2	58.3	56.4	56.1	58.0	58.8	58.2
15.0	58.4	57.8	55.9	57.7	58.9	59.6	60.6	59.0	57.0	56.4	58.7	59.5	59.0
10.0	59.7	58.5	56.5	59.0	59.7	59.9	61.6	60.0	57.3	57.2	59.4	60.1	60.2
5.0	60.9	60.0	57.8	60.0	60.6	60.9	62.7	61.1	58.8	60.3	60.4	62.1	62.3

**DISCHARGE IN CUBIC FEET PER SECOND**

95.0	1.0	0.9	0.8	1.3	1.2	1.5	1.7	1.1	0.9	0.6	0.6	0.9	0.8
90.0	1.3	1.1	1.2	1.3	1.8	2.7	3.1	2.2	1.1	0.8	1.0	2.2	1.8
85.0	1.7	1.4	1.4	1.6	2.6	5.1	6.9	3.5	1.4	1.1	2.0	2.8	2.3
80.0	2.2	1.4	1.6	1.9	3.1	10.3	11.4	5.3	1.7	1.3	2.5	4.4	4.4
75.0	2.9	1.8	1.6	2.3	7.2	16.1	15.8	6.9	2.1	1.7	3.8	5.5	5.8
70.0	4.5	2.3	1.6	2.8	10.1	23.0	21.3	8.5	2.6	2.2	5.8	8.3	8.7
65.0	5.7	2.9	2.3	2.8	13.2	31.4	27.3	11.3	2.6	2.8	7.5	15.0	11.7
60.0	8.4	3.7	2.8	3.3	15.5	39.7	33.8	14.4	3.2	3.6	11.2	23.3	14.2
55.0	12.0	5.5	2.8	4.0	18.1	48.0	40.9	18.1	5.2	4.7	14.2	31.1	17.2
50.0	15.7	7.5	3.3	5.6	21.6	55.7	48.4	23.2	6.8	5.8	17.1	40.3	20.5
45.0	20.5	9.7	4.0	7.3	26.9	63.1	58.0	30.0	10.4	6.7	23.2	51.6	24.7
40.0	26.5	12.7	4.8	10.4	34.6	73.6	71.1	41.3	14.4	9.5	29.3	63.4	30.1
35.0	35.1	16.0	6.0	14.3	44.7	84.1	92.2	57.4	19.3	13.5	37.2	77.6	38.2
30.0	47.0	20.8	7.2	18.1	58.9	94.8	116.2	73.4	25.0	18.2	48.0	93.3	52.2
25.0	61.8	28.1	8.9	24.8	73.1	110.6	136.1	95.6	31.6	23.3	61.0	110.9	67.6
20.0	82.0	38.7	13.6	37.4	90.1	133.5	161.7	126.1	40.2	30.7	78.1	132.3	85.0
15.0	109.0	57.0	20.2	58.3	110.2	154.9	191.7	167.4	52.5	43.4	105.9	164.1	108.7
10.0	150.0	87.0	29.3	90.2	150.1	179.4	234.7	226.2	72.2	70.6	137.9	214.5	150.0
5.0	220.8	146.4	55.6	151.4	187.8	221.0	311.2	340.5	108.9	166.3	211.4	332.1	241.8

FENHOLLOWAY RIVER BASIN  
02324400 FENHOLLOWAY RIVER NEAR FOLEY, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1957 1958	55.2 16	55.2 16	55.2 16	55.3 16	55.4 16	56.2 16	57.5 16	57.4 16	58.4 16
1958 1959	54.7 15	54.7 15	54.7 14	54.7 14	54.7 11	54.9 12	54.9 8	55.1 10	55.5 10
1961 1962	54.4 6	54.4 6	54.4 5	54.4 5	54.4 5	54.4 2	54.5 2	54.5 2	54.6 2
1962 1963	54.4 7	54.4 7	54.4 6	54.5 7	54.5 7	54.5 5	54.5 3	54.6 4	55.3 7
1963 1964	54.4 8	54.4 8	54.4 7	54.4 6	54.5 6	54.5 6	54.5 5	54.6 5	54.8 4
1964 1965	54.7 14	54.7 14	54.7 15	54.9 15	55.2 15	55.9 15	56.6 15	56.6 15	57.3 15
1974 1975	54.4 5	54.4 5	54.4 8	54.5 8	54.5 8	54.6 8	55.0 10	55.6 12	56.3 13
1975 1976	54.4 3	54.4 3	54.4 3	54.4 3	54.4 3	54.5 3	54.6 6	54.8 7	55.2 5
1976 1977	54.5 9	54.5 9	54.5 9	54.6 10	54.8 13	55.2 14	55.6 14	55.6 13	55.8 11
1977 1978	54.2 1	54.2 1	54.2 1	54.2 1	54.2 1	54.2 1	54.3 1	54.3 1	54.3 1
1978 1979	54.4 4	54.4 4	54.4 4	54.4 4	54.4 4	54.6 7	54.6 7	54.8 6	55.4 8
1979 1980	54.5 10	54.5 10	54.5 10	54.6 13	54.8 14	55.0 13	55.3 12	55.5 11	56.1 12
1980 1981	54.5 11	54.5 11	54.5 11	54.6 9	54.7 10	54.9 11	55.5 13	56.4 14	56.5 14
1986 1987	54.5 12	54.6 12	54.6 12	54.6 11	54.7 12	54.8 10	55.1 11	55.1 9	55.4 9
1987 1988	54.6 13	54.6 13	54.6 13	54.6 12	54.6 9	54.8 9	54.9 9	55.0 8	55.2 6
1990 1991	54.3 2	54.3 2	54.3 2	54.3 2	54.4 2	54.5 4	54.5 4	54.5 3	54.7 3

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1957 1957	67.6 2	67.5 2	67.0 2	65.3 2	62.5 2	59.8 7	59.0 5	59.6 3	58.4 5
1958 1958	66.9 3	66.9 3	66.6 3	64.8 3	61.5 5	60.9 3	59.7 4	59.2 5	58.8 3
1961 1961	65.2 6	65.1 6	64.1 6	63.0 4	60.8 8	58.2 12	57.1 14	57.0 14	57.0 10
1962 1962	59.2 17	59.1 17	58.9 17	58.4 17	57.5 16	56.2 17	55.6 18	55.4 18	55.3 17
1963 1963	61.9 10	61.4 10	60.6 11	60.2 9	60.2 9	59.7 8	58.6 8	57.9 8	57.1 8
1964 1964	68.5 1	68.1 1	67.3 1	65.5 1	63.1 1	62.6 1	61.5 1	60.0 2	59.1 2
1972 1972	62.7 9	62.2 9	61.3 9	60.1 11	59.1 11	58.5 9	58.4 9	58.2 7	57.7 7
1975 1975	60.0 15	59.9 15	59.7 13	59.3 14	58.8 12	58.2 13	57.6 12	57.4 11	56.6 14
1976 1976	59.7 16	59.6 16	59.3 16	58.6 16	57.3 17	56.5 16	56.3 16	56.2 16	56.0 16
1977 1977	62.7 8	62.6 8	61.9 8	61.3 8	61.1 7	60.4 4	59.9 3	59.4 4	58.6 4
1978 1978	61.0 11	60.9 11	60.6 10	60.1 10	59.2 10	58.4 10	57.9 10	57.6 10	57.0 9
1979 1979	60.8 12	60.7 12	59.5 15	59.0 15	58.1 15	57.3 15	57.2 13	57.0 13	56.4 15
1980 1980	65.4 5	65.2 4	64.6 4	62.9 5	61.6 4	60.2 5	58.9 6	58.3 6	58.0 6
1981 1981	60.3 14	60.2 14	59.6 14	59.3 13	58.4 14	57.6 14	56.9 15	56.9 15	56.8 11
1985 1985	65.5 4	65.2 5	64.4 5	62.8 6	61.2 6	60.1 6	58.8 7	57.8 9	56.7 13
1987 1987	64.5 7	64.1 7	63.3 7	62.6 7	61.9 3	61.4 2	61.2 2	60.9 1	59.5 1
1989 1989	59.0 18	58.9 18	58.6 18	58.0 18	56.9 18	56.1 18	55.7 17	55.4 17	55.1 18
1993 1993	60.5 13	60.3 13	60.0 12	59.4 12	58.8 13	58.2 11	57.8 11	57.3 12	56.8 12

FENHOLLOWAY RIVER BASIN  
02324400 FENHOLLOWAY RIVER NEAR FOLEY, FL--Continued

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1956 1957	1.90 23	2.00 23	2.00 23	2.00 22	2.07 19	2.11 17	2.18 15	2.39 10	5.98 10
1957 1958	4.70 36	4.70 36	5.10 36	5.69 35	9.52 35	32.4 37	75.6 37	71.2 37	150 37
1958 1959	2.70 32	2.87 33	3.03 33	3.25 32	3.36 28	6.28 27	5.82 21	9.83 22	19.0 20
1959 1960	15.0 37	15.3 37	16.4 37	19.1 37	23.1 37	25.3 35	31.9 35	50.4 36	64.3 33
1960 1961	2.00 24	2.00 24	2.10 26	2.46 26	3.77 29	10.7 33	24.9 34	39.7 34	73.3 35
1961 1962	1.40 19	1.40 19	1.41 18	1.44 16	1.46 15	1.49 10	1.55 9	1.76 6	2.55 3
1962 1963	2.00 25	2.00 25	2.06 24	2.07 23	2.29 20	2.43 19	2.57 16	3.44 13	19.6 22
1963 1964	1.80 22	1.80 22	1.80 22	1.84 21	1.87 18	2.35 18	2.89 18	3.45 14	6.47 11
1964 1965	4.40 35	4.50 35	5.03 35	7.07 36	12.1 36	29.2 36	51.4 36	49.9 35	73.3 36
1965 1966	2.70 33	2.70 32	2.73 30	2.81 30	3.26 27	3.98 24	7.53 24	10.4 23	24.1 23
1966 1967	2.50 31	2.57 31	2.59 29	2.67 28	3.20 26	6.67 29	16.7 29	20.5 27	30.9 26
1967 1968	1.20 14	1.20 14	1.20 13	1.20 12	1.23 11	1.31 8	1.83 10	3.69 15	5.10 8
1968 1969	.57 2	.57 2	.57 2	.59 2	.65 2	.71 2	.80 1	.98 1	1.15 1
1969 1970	2.30 28	2.33 28	2.40 27	2.73 29	4.50 31	8.12 31	19.5 31	30.5 32	46.0 31
1970 1971	2.00 26	2.03 26	2.06 25	2.09 24	2.29 21	3.11 21	3.92 20	6.33 20	10.8 14
1971 1972	1.40 20	1.40 20	1.47 19	1.50 18	1.63 16	2.87 20	5.95 22	11.1 24	39.7 28
1972 1973	1.40 21	1.47 21	1.49 20	1.56 20	2.70 24	3.51 22	9.69 26	12.6 25	19.0 21
1973 1974	1.20 15	1.23 16	1.31 16	1.51 19	1.67 17	1.69 13	2.07 14	2.20 8	2.83 5
1974 1975	2.00 27	2.13 27	2.43 28	2.47 27	2.66 22	4.14 25	10.0 27	22.6 29	43.7 30
1975 1976	1.20 16	1.20 15	1.20 14	1.21 13	1.40 13	1.75 14	3.39 19	6.25 19	12.6 15
1976 1977	2.40 30	2.47 29	2.74 31	3.29 33	5.62 34	11.3 34	21.6 33	22.2 28	27.3 24
1977 1978	.85 10	.85 10	.86 10	.90 8	1.00 9	1.03 4	1.13 3	1.45 3	2.10 2
1978 1979	.81 9	.82 8	.85 9	.94 10	.96 7	2.01 16	2.63 17	4.70 17	14.5 17
1979 1980	1.30 17	1.33 18	1.51 21	2.41 25	4.57 33	6.48 28	8.31 25	12.6 26	29.6 25
1980 1981	1.00 11	1.10 11	1.26 15	1.42 15	2.89 25	5.66 26	19.6 32	37.4 33	38.8 27
1981 1982	.76 6	.76 6	.79 6	.85 6	.88 5	1.64 12	2.00 12	2.96 12	4.18 7
1982 1983	2.30 29	2.50 30	2.96 32	3.16 31	3.96 30	7.21 30	13.3 28	22.9 30	42.5 29
1983 1984	2.90 34	3.00 34	3.27 34	3.66 34	4.56 32	10.4 32	18.3 30	25.1 31	46.2 32
1984 1985	1.10 12	1.10 12	1.16 11	1.16 11	1.25 12	1.40 9	1.47 7	1.61 5	2.69 4
1985 1986	.65 4	.72 4	.76 4	.79 5	.92 6	1.14 6	1.49 8	7.16 21	65.3 34
1986 1987	1.30 18	1.30 17	1.34 17	1.46 17	2.66 23	3.80 23	5.97 23	5.78 18	12.9 16
1987 1988	.79 8	.81 7	.84 8	.92 9	1.13 10	1.79 15	2.04 13	2.57 11	6.48 12
1988 1989	.78 7	.82 9	.84 7	.89 7	.98 8	1.22 7	1.44 6	2.13 7	10.2 13
1989 1990	.51 1	.52 1	.53 1	.54 1	.56 1	.62 1	1.34 5	2.31 9	5.46 9
1990 1991	.62 3	.64 3	.65 3	.69 3	.77 3	1.08 5	1.27 4	1.19 2	3.06 6
1991 1992	1.10 13	1.10 13	1.16 12	1.30 14	1.40 14	1.52 11	1.83 11	4.11 16	16.5 18
1992 1993	.75 5	.75 5	.76 5	.78 4	.78 4	.82 3	.89 2	1.60 4	16.8 19

FENHOLLOWAY RIVER BASIN  
02324400 FENHOLLOWAY RIVER NEAR FOLEY, FL--Continued

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183
1956	1956	228 24	210 26	161 27	93.7 35	51.9 36	28.4 36	26.7 36	25.7 35	19.5 36
1957	1957	1580 3	1547 3	1299 3	836 3	497 3	277 4	206 5	228 2	160 4
1958	1958	1260 4	1247 4	1096 4	710 4	401 5	239 6	189 9	159 9	147 7
1959	1959	683 9	663 6	603 6	478 6	385 7	275 5	221 4	202 4	171 3
1960	1960	557 14	473 14	412 14	345 12	269 9	208 9	173 10	137 11	125 9
1961	1961	573 13	554 12	459 11	366 10	241 12	129 21	89.1 22	79.3 23	70.7 21
1962	1962	136 35	131 35	121 35	100 33	75.1 32	41.4 34	28.5 35	22.0 36	21.0 34
1963	1963	273 22	248 22	201 24	183 22	181 20	157 18	121 17	95.3 19	69.6 22
1964	1964	2710 1	2233 1	1612 1	1003 1	562 2	469 1	365 1	278 1	217 1
1965	1965	260 23	241 23	209 22	169 24	138 24	99.4 24	81.4 23	84.7 21	72.9 17
1966	1966	616 11	549 13	425 13	314 14	188 19	147 19	107 19	84.7 22	72.7 18
1967	1967	169 33	161 33	133 34	98.6 34	62.9 34	51.4 31	39.5 31	31.2 32	30.5 31
1968	1968	70.0 38	51.7 38	37.6 38	23.3 38	15.6 38	9.91 38	8.45 38	7.08 38	5.24 38
1969	1969	364 18	329 19	271 20	221 20	163 21	131 20	103 21	98.7 18	71.9 19
1970	1970	1900 2	1770 2	1390 2	1000 2	625 1	343 2	240 3	184 6	178 2
1971	1971	224 26	208 27	179 26	155 26	143 23	103 23	75.3 26	57.3 26	40.3 27
1972	1972	323 21	296 21	244 21	179 23	130 25	109 22	106 20	100 16	80.2 16
1973	1973	882 5	824 5	805 5	636 5	414 4	225 7	204 6	168 7	122 10
1974	1974	441 16	412 16	334 16	253 17	188 18	168 17	118 18	92.6 20	70.9 20
1975	1975	171 32	169 31	160 28	137 27	117 27	93.5 26	76.9 25	70.2 24	49.8 25
1976	1976	151 34	148 34	135 33	105 32	63.5 33	40.6 35	35.4 33	34.6 31	30.4 32
1977	1977	326 20	316 20	272 19	234 19	222 16	184 13	160 11	140 10	110 12
1978	1978	218 27	212 25	193 25	166 25	126 26	97.9 25	80.8 24	69.2 25	53.1 24
1979	1979	198 29	194 28	137 32	114 30	77.1 31	57.1 30	54.3 29	48.0 29	37.3 28
1980	1980	655 10	619 9	517 8	378 8	275 8	192 11	140 14	111 15	116 11
1981	1981	177 31	169 32	143 31	130 29	93.0 29	64.8 29	48.6 30	50.7 28	46.8 26
1982	1982	684 8	584 10	451 12	313 15	227 15	185 12	145 13	115 14	95.1 15
1983	1983	484 15	439 15	379 15	317 13	234 14	203 10	192 8	161 8	148 6
1984	1984	615 12	556 11	485 10	363 11	258 10	173 15	137 15	132 12	110 13
1985	1985	697 7	635 8	517 9	370 9	256 11	182 14	131 16	99.0 17	65.3 23
1986	1986	353 19	329 18	292 18	244 18	199 17	169 16	152 12	131 13	102 14
1987	1987	394 17	361 17	310 17	272 16	237 13	211 8	200 7	190 5	140 8
1988	1988	228 25	223 24	204 23	193 21	146 22	88.6 27	61.1 28	47.0 30	31.7 30
1989	1989	110 36	106 36	93.0 36	72.7 36	45.0 37	25.2 37	18.2 37	14.2 37	9.72 37
1990	1990	100 37	98.0 37	86.7 37	70.3 37	52.0 35	45.5 32	35.5 32	31.1 33	21.8 33
1991	1991	712 6	657 7	527 7	421 7	390 6	283 3	247 2	213 3	158 5
1992	1992	212 28	187 29	148 30	112 31	80.8 30	44.6 33	35.1 34	27.4 34	19.8 35
1993	1993	184 30	177 30	159 29	132 28	102 28	78.5 28	64.6 27	50.8 27	35.9 29

ECONFINA RIVER BASIN  
 02326000 ECONFINA RIVER NEAR PERRY, FL.

LOCATION.--Lat 30°10'14", long 83°49'26", in NE 1/4 sec.4, T.4 S., R.5 E., Taylor County, Hydrologic Unit 03110102, on downstream side of concrete bridge, 3.0 mi downstream from Natural Well Branch, 14 mi upstream from mouth, and 14.7 mi northwest of Perry.

DRAINAGE AREA.--198 mi<sup>2</sup>.

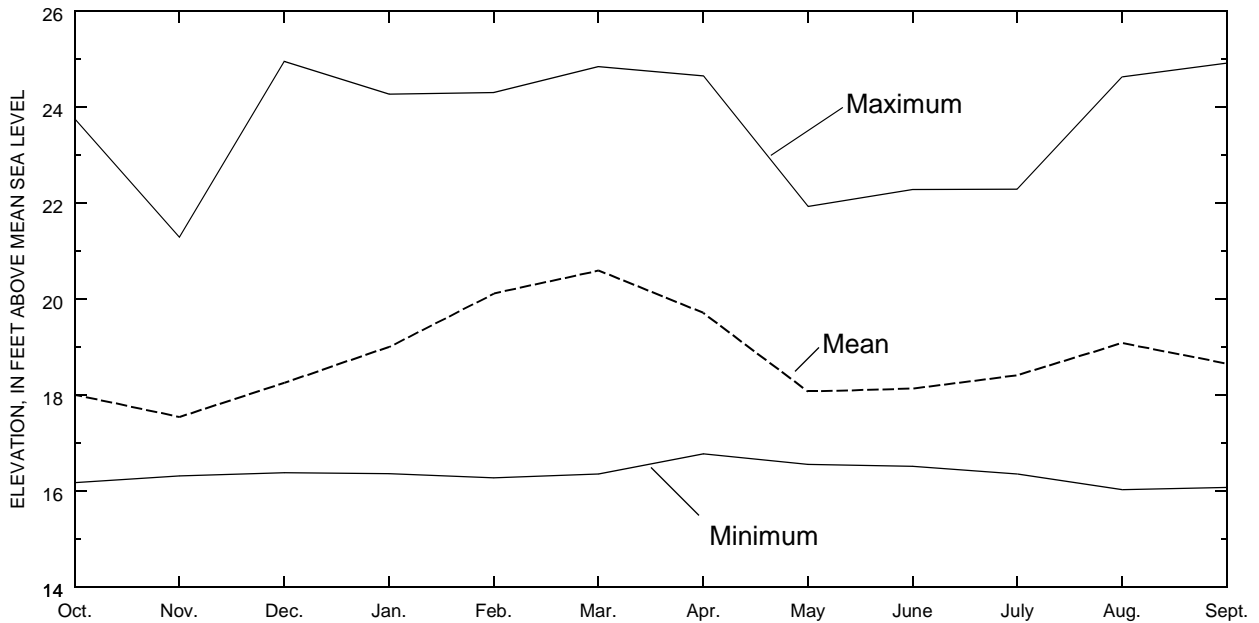
PERIOD OF RECORD.--February 1950 to 1993.

REVISED RECORDS.--WSP 1905: Drainage area.

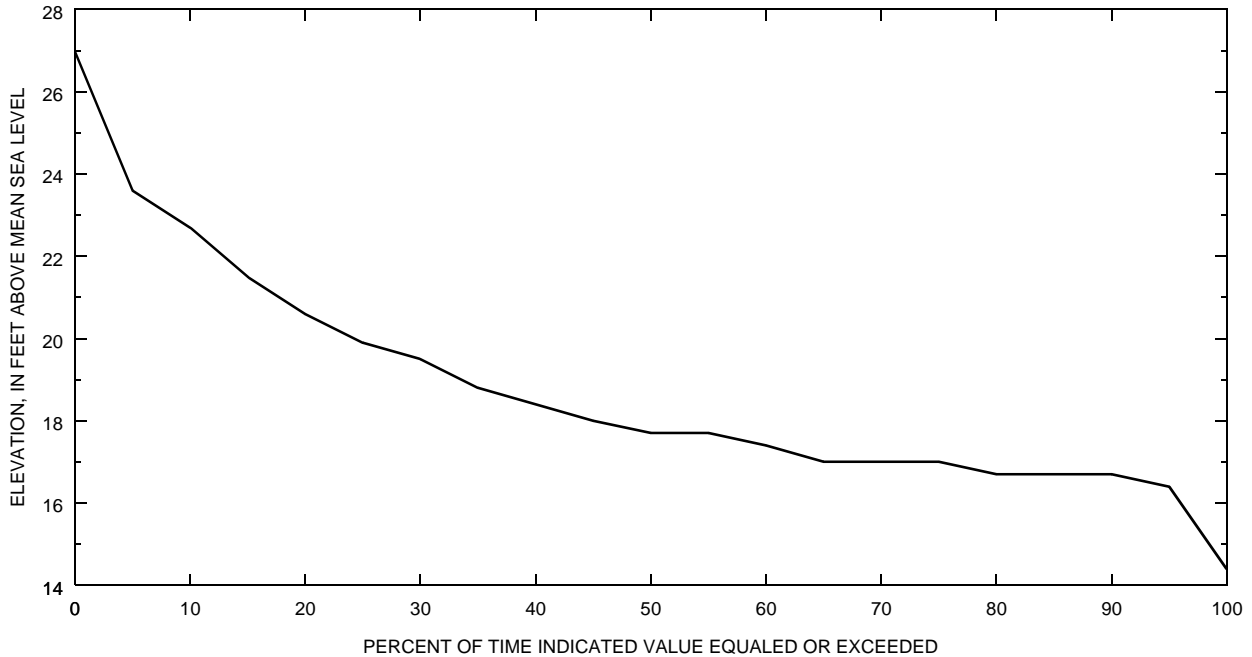
GAGE.--Water-stage recorder. Datum of gage is 14.35 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good.

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN ELEVATIONS FOR WATER YEARS 1950-1993**



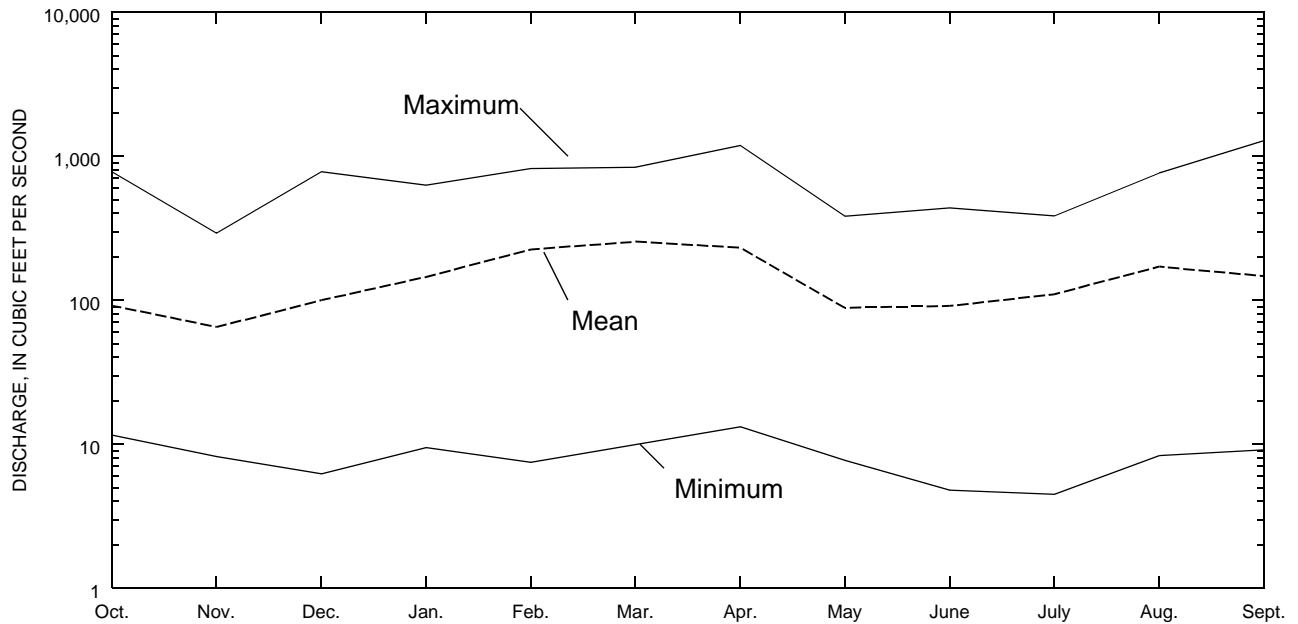
**DURATION OF DAILY MEAN ELEVATION FOR WATER YEARS 1950-1993**



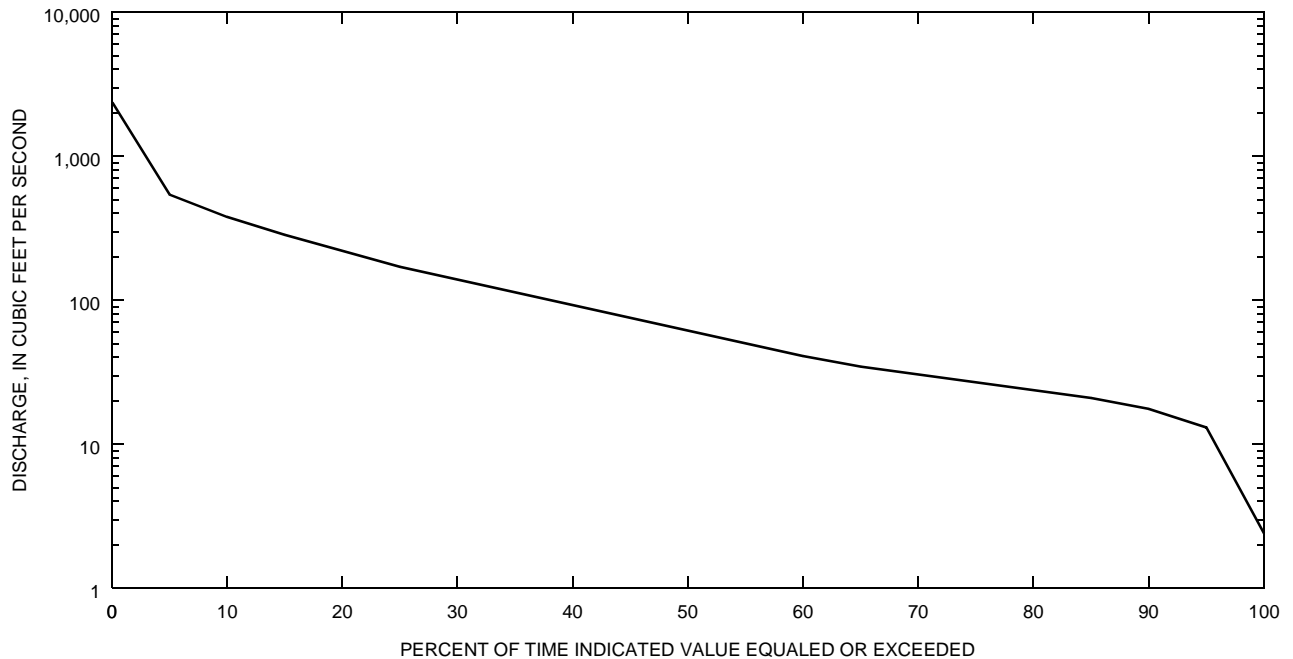
**SUMMARY STATISTICS IN CUBIC FEET PER SECOND  
 FOR WATER YEARS 1950 - 1993**

ANNUAL MEAN	142	
HIGHEST ANNUAL MEAN	317	1991
LOWEST ANNUAL MEAN	18.1	1955
HIGHEST DAILY MEAN	2480	Sep 18 1957
LOWEST DAILY MEAN	2.4	Jul 8 1955
ANNUAL SEVEN-DAY MINIMUM	2.6	Jul 3 1955
INSTANTANEOUS PEAK FLOW	2540	Sep 17 1957
INSTANTANEOUS PEAK ELEVATION (FT)	27.13	Sep 17 1957
INSTANTANEOUS LOW FLOW	2.3	Jul 8 1955
ANNUAL RUNOFF (INCHES/CFSM)	9.76/0.72	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1950-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1950-1993**



ECONFINA RIVER BASIN  
02326000 ECONFINA RIVER NEAR PERRY, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1950-1993**

MONTH	ELEVATION FEET ABOVE SEA LEVEL			DISCHARGE CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	23.74	16.18	18.01	772	11.6	91.6
NOVEMBER	21.27	16.32	17.55	288	8.18	65.2
DECEMBER	24.94	16.39	18.26	771	6.22	100
JANUARY	24.26	16.37	19.01	624	9.47	145
FEBRUARY	24.29	16.28	20.12	813	7.50	225
MARCH	24.83	16.36	20.60	828	9.97	255
APRIL	24.64	16.78	19.72	1176	13.2	232
MAY	21.92	16.56	18.08	379	7.73	88.6
JUNE	22.27	16.52	18.14	432	4.80	91.2
JULY	22.28	16.36	18.42	381	4.49	110
AUGUST	24.62	16.03	19.09	756	8.31	171
SEPTEMBER	24.91	16.08	18.66	1266	9.12	147

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1950-1993**

PERCENT OF TIME EQUALED OR EXCEEDED ANNUAL	ELEVATION IN FEET ABOVE MEAN SEA LEVEL											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT

95.0	16.4	16.3	16.2	16.4	16.4	16.7	16.7	16.8	16.5	16.5	16.2	16.2	16.2
90.0	16.7	16.3	16.4	16.4	16.4	16.9	17.2	17.0	16.8	16.5	16.4	16.7	16.5
85.0	16.7	16.6	16.4	16.6	16.7	16.9	17.4	17.0	16.8	16.7	16.7	16.7	16.8
80.0	16.7	16.6	16.6	16.6	16.7	17.9	17.9	17.2	16.8	16.7	16.7	16.7	16.8
75.0	17.0	16.8	16.6	16.8	17.0	18.2	18.2	17.5	16.8	16.7	16.9	16.9	17.0
70.0	17.0	16.8	16.8	16.8	17.3	18.4	18.7	17.7	17.0	16.7	16.9	17.1	17.0
65.0	17.0	16.8	16.8	16.8	17.6	18.7	19.2	18.0	17.0	16.9	16.9	17.4	17.3
60.0	17.4	17.1	17.0	17.1	17.9	19.0	19.8	18.2	17.0	16.9	17.1	17.9	17.3
55.0	17.7	17.1	17.0	17.1	18.2	19.2	20.0	18.5	17.2	17.1	17.1	18.1	17.6
50.0	17.7	17.3	17.0	17.3	18.5	19.8	20.3	18.7	17.2	17.1	17.4	18.4	17.8
45.0	18.0	17.3	17.0	17.6	18.8	20.1	20.6	19.0	17.4	17.3	17.9	18.7	17.8
40.0	18.4	17.6	17.2	17.8	18.8	20.4	21.2	19.5	17.7	17.6	17.9	18.9	18.1
35.0	18.8	17.8	17.2	17.8	19.4	20.9	21.5	20.1	17.9	17.8	18.4	19.5	18.1
30.0	19.5	18.1	17.4	18.1	19.8	21.2	21.8	20.3	18.2	18.3	18.9	19.7	18.7
25.0	19.9	18.4	17.7	18.6	20.4	21.5	22.5	21.2	18.4	18.8	19.5	20.3	19.0
20.0	20.6	19.0	18.1	19.5	20.8	22.2	23.1	22.4	18.9	19.3	20.0	20.9	19.6
15.0	21.5	19.5	18.6	20.9	21.5	22.8	23.8	23.3	19.4	19.8	20.6	21.5	20.6
10.0	22.7	20.4	19.1	21.8	22.2	23.5	24.1	24.3	20.4	20.8	21.2	23.1	22.3
5.0	23.6	22.3	21.1	22.8	23.8	24.1	24.8	25.0	21.8	22.2	22.5	24.1	24.1

**DISCHARGE IN CUBIC FEET PER SECOND**

95.0	13.1	13.1	9.5	10.4	11.8	18.0	19.1	20.8	15.1	12.7	13.5	14.1	16.2
90.0	17.6	15.8	11.6	12.8	16.6	20.5	27.2	26.3	21.5	17.7	16.9	19.8	19.2
85.0	20.9	18.1	14.4	17.1	19.2	27.1	34.3	30.2	23.3	19.4	20.6	22.3	22.1
80.0	23.8	20.0	17.1	19.9	24.7	32.5	46.1	35.8	25.0	21.1	23.7	25.0	25.4
75.0	27.0	21.7	19.0	22.6	32.1	56.7	62.3	42.9	26.6	22.8	26.6	28.7	29.7
70.0	30.4	23.5	21.9	25.3	39.9	83.3	82.1	50.6	28.3	24.6	29.8	38.0	36.7
65.0	34.6	26.0	24.5	28.0	49.9	105.5	103.5	59.5	30.5	26.6	33.3	52.8	42.9
60.0	40.9	29.2	26.6	30.8	68.5	122.8	133.4	69.7	32.9	28.8	38.6	66.1	47.9
55.0	49.4	34.1	29.1	33.6	81.2	141.8	162.6	82.8	36.0	31.3	44.9	81.1	54.8
50.0	60.6	39.3	31.3	36.6	90.0	158.6	189.2	99.3	40.8	33.8	52.3	98.1	63.4
45.0	74.6	44.1	33.4	41.8	104.0	187.6	213.0	120.9	47.0	38.8	60.4	114.2	73.2
40.0	91.3	50.6	35.8	51.1	122.1	218.5	246.4	146.5	55.4	47.6	71.9	129.8	82.5
35.0	112.0	59.5	38.4	64.5	138.3	248.5	285.6	179.0	67.8	57.8	85.6	151.5	93.5
30.0	137.9	71.1	42.8	80.7	159.6	285.2	321.7	218.6	83.3	75.1	106.0	178.7	108.4
25.0	170.4	88.3	49.8	101.5	193.2	328.4	362.0	284.7	98.6	108.3	137.1	216.4	132.2
20.0	219.2	114.8	63.5	141.6	234.6	374.7	414.8	389.4	118.1	138.4	172.1	264.7	162.0
15.0	284.6	146.4	83.4	198.9	278.0	429.0	494.1	512.5	152.5	168.8	222.3	330.1	218.0
10.0	379.3	199.0	114.8	304.2	362.9	495.1	587.6	643.4	225.4	234.7	284.5	478.4	346.6
5.0	543.3	327.7	217.8	416.5	510.9	606.1	735.5	833.3	338.7	347.7	377.6	635.1	553.6

ECONFINA RIVER BASIN  
02326000 ECONFINA RIVER NEAR PERRY, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1	3	7	14	30	60	90	120	183
1951 1952	16.8 13	16.8 12	16.8 12	16.9 12	17.0 14	17.0 12	17.0 13	17.2 13	17.5 12
1952 1953	16.8 15	16.9 14	16.9 15	16.9 15	17.0 15	17.1 15	17.2 15	17.3 15	18.0 15
1953 1954	17.1 23	17.1 22	17.2 22	17.3 23	17.6 23	17.9 22	18.6 22	19.3 24	19.4 23
1954 1955	16.4 7	16.4 6	16.4 6	16.5 6	16.5 6	16.5 4	16.5 4	16.5 3	16.7 3
1955 1956	16.3 5	16.3 4	16.3 4	16.3 4	16.4 4	16.5 5	16.6 6	16.7 6	17.0 7
1958 1959	16.8 14	16.8 13	16.8 13	16.9 13	16.9 12	17.0 14	17.0 12	17.1 12	17.4 11
1959 1960	17.5 25	17.6 25	17.7 25	17.9 25	18.1 25	18.4 25	18.6 23	19.3 23	19.4 22
1961 1962	16.5 8	16.5 7	16.5 7	16.5 7	16.5 7	16.5 6	16.5 5	16.6 5	16.7 4
1962 1963	16.4 6	16.4 5	16.4 5	16.4 5	16.4 5	16.5 7	16.6 7	16.7 7	16.7 5
1963 1964	16.7 11	16.7 10	16.7 10	16.7 10	16.8 11	16.9 11	16.9 11	17.0 11	17.2 9
1964 1965	17.5 24	17.5 24	17.6 24	17.8 24	18.0 24	18.3 24	19.3 25	19.4 25	20.3 25
1965 1966	17.1 22	17.1 21	17.1 21	17.2 20	17.2 19	17.3 17	17.7 18	17.8 17	18.3 18
1975 1976	14.4 1	17.2 23	17.2 23	17.2 21	17.2 20	17.3 18	17.5 16	17.7 16	18.1 17
1976 1977	17.0 20	17.1 19	17.1 18	17.1 18	17.4 22	18.3 23	18.7 24	18.9 22	18.9 21
1978 1979	16.9 16	16.9 15	16.9 14	16.9 14	16.9 13	17.0 13	17.1 14	17.3 14	18.0 16
1979 1980	17.0 18	17.0 17	17.0 17	17.0 17	17.2 16	17.3 19	17.5 17	17.8 18	17.9 14
1980 1981	16.9 17	16.9 16	17.0 16	17.0 16	17.2 17	17.2 16	17.7 19	18.8 21	18.7 19
1981 1982	16.7 12	16.7 11	16.7 11	16.7 11	16.8 10	16.8 10	16.9 10	17.0 10	17.3 10
1982 1983	17.0 19	17.0 18	17.1 19	17.2 22	17.2 21	17.7 21	18.2 21	18.7 20	19.6 24
1983 1984	17.1 21	17.1 20	17.1 20	17.1 19	17.2 18	17.6 20	17.8 20	18.1 19	18.7 20
1986 1987	16.5 9	16.5 8	16.5 8	16.6 8	16.6 8	16.7 9	16.7 8	16.8 8	17.0 6
1987 1988	16.2 3	16.3 3	16.3 2	16.3 2	16.3 2	16.4 3	16.5 3	16.5 2	16.6 2
1988 1989	16.2 4	16.2 2	16.3 3	16.3 3	16.3 3	16.4 2	16.5 2	16.6 4	17.2 8
1990 1991	15.9 2	15.9 1	15.9 1	15.9 1	15.9 1	16.0 1	16.0 1	16.1 1	16.4 1
1991 1992	16.6 10	16.6 9	16.6 9	16.6 9	16.6 9	16.6 8	16.7 9	17.0 9	17.8 13

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1951 1951	19.7 28	19.5 28	19.2 28	19.0 27	18.6 27	18.3 27	17.9 27	17.7 27	17.5 27
1952 1952	24.2 20	24.2 20	24.1 20	23.8 17	22.7 19	21.3 16	20.7 17	20.8 15	20.4 12
1953 1953	25.1 11	25.0 11	24.9 11	24.4 11	22.8 16	20.8 19	21.0 16	20.7 16	20.6 10
1954 1954	24.6 17	24.6 17	24.4 17	23.0 21	22.0 20	20.8 20	20.2 19	20.2 19	19.4 21
1955 1955	19.9 27	19.8 27	19.4 27	18.8 28	18.2 28	17.7 29	17.3 29	17.1 29	17.0 29
1956 1956	19.2 29	19.1 29	18.9 29	18.5 29	18.0 29	17.7 28	17.7 28	17.6 28	17.5 28
1958 1958	26.3 1	26.3 1	26.2 1	25.8 1	23.9 8	23.2 8	22.2 6	21.8 7	21.5 5
1959 1959	25.9 6	25.9 6	25.8 5	25.5 4	24.9 2	23.3 6	22.0 9	21.5 8	20.8 8
1961 1961	24.9 12	24.9 12	24.7 12	24.4 12	22.8 17	20.3 22	19.6 23	19.3 22	19.5 20
1962 1962	24.9 13	24.9 13	24.7 13	24.0 15	21.8 21	19.7 24	18.8 25	18.4 25	17.9 25
1963 1963	20.3 26	20.2 26	20.1 26	19.9 26	19.6 25	19.0 26	18.7 26	18.3 26	17.8 26
1964 1964	25.9 4	25.9 4	25.9 3	25.4 6	23.6 10	23.3 7	22.2 7	21.9 6	20.9 7
1965 1965	25.3 10	25.2 10	25.1 10	24.6 10	23.4 11	21.7 15	21.1 14	20.9 14	20.5 11
1966 1966	24.5 18	24.4 18	24.4 18	24.3 13	23.9 9	23.0 9	21.7 10	20.9 12	20.1 16
1972 1972	24.8 14	24.8 14	24.7 14	24.0 16	22.9 14	22.3 12	22.1 8	21.5 9	20.6 9
1975 1975	24.7 15	24.7 15	24.6 15	24.2 14	23.3 12	22.3 11	21.6 13	21.5 10	20.3 13
1976 1976	22.0 24	22.0 24	21.8 24	21.4 24	20.7 24	20.2 23	19.8 22	19.6 20	19.3 22
1978 1978	24.4 19	24.4 19	24.2 19	23.7 19	22.7 18	21.8 14	21.1 15	20.5 17	19.8 17
1979 1979	22.9 22	22.9 22	22.7 23	21.8 23	21.3 23	20.5 21	20.5 18	20.5 18	19.7 18
1980 1980	26.0 3	26.0 3	25.8 6	25.3 7	24.4 7	22.8 10	21.6 11	20.9 13	20.3 14
1981 1981	22.8 23	22.8 23	22.7 22	22.2 22	21.7 22	20.9 18	20.0 20	19.5 21	19.5 19
1982 1982	24.7 16	24.7 16	24.5 16	23.8 18	23.0 13	22.3 13	21.6 12	21.0 11	20.3 15
1983 1983	25.6 9	25.6 9	25.5 9	25.2 8	24.5 6	24.0 3	23.8 2	23.3 2	22.3 2
1984 1984	26.1 2	26.1 2	26.0 2	25.7 2	24.9 3	23.4 4	23.1 4	22.9 4	22.0 4
1986 1986	25.9 5	25.9 5	25.8 4	25.6 3	24.8 4	23.4 5	22.8 5	22.4 5	21.3 6
1987 1987	25.7 8	25.7 8	25.6 8	25.2 9	24.7 5	24.4 1	24.3 1	24.1 1	22.3 3
1988 1988	23.8 21	23.7 21	23.7 21	23.3 20	22.8 15	21.0 17	19.8 21	19.1 23	18.2 23
1990 1990	20.6 25	20.5 25	20.4 25	20.0 25	19.3 26	19.0 25	18.9 24	18.6 24	18.1 24
1991 1991	25.8 7	25.8 7	25.7 7	25.4 5	25.0 1	24.3 2	23.6 3	23.2 3	22.6 1

ECONFINA RIVER BASIN  
02326000 ECONFINA RIVER NEAR PERRY, FL--Continued

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183
1950	1951	16.0 16	16.0 16	16.4 16	17.0 16	17.4 16	17.7 15	19.6 14	19.5 10	21.0 7
1951	1952	20.0 22	20.0 22	20.4 22	21.4 23	23.0 22	24.1 21	25.2 20	29.3 18	44.1 18
1952	1953	22.0 27	22.3 27	23.1 28	23.3 27	25.1 26	28.7 27	30.3 25	37.0 25	68.4 25
1953	1954	29.0 33	29.0 32	30.3 33	33.7 38	45.3 41	56.3 39	98.5 39	148 40	159 38
1954	1955	8.50 6	8.67 6	9.03 6	9.46 6	10.4 7	10.4 6	10.8 5	12.1 5	14.1 3
1955	1956	2.40 1	2.53 1	2.59 1	2.91 1	3.43 1	4.35 1	5.52 1	7.42 1	22.0 10
1956	1957	6.60 3	6.80 3	6.94 3	7.03 3	7.37 3	7.92 3	8.65 3	9.63 3	12.6 1
1957	1958	19.0 20	19.0 20	19.4 20	21.0 21	26.1 28	27.7 26	159 43	168 43	337 43
1958	1959	19.0 21	19.0 21	19.4 21	19.9 20	20.8 20	24.1 22	24.0 19	26.9 17	39.9 15
1959	1960	48.0 43	49.0 43	55.1 43	63.0 43	72.1 43	85.1 41	100 40	149 41	151 37
1960	1961	28.0 32	29.0 33	30.4 35	33.4 36	40.1 37	55.3 38	77.4 37	104 36	164 39
1961	1962	9.20 8	9.20 8	9.46 8	9.59 7	9.67 5	10.2 5	10.9 6	12.6 6	15.3 4
1962	1963	8.80 7	8.93 7	9.06 7	9.36 5	9.92 6	12.5 7	14.5 7	16.7 7	16.2 5
1963	1964	16.0 17	16.7 17	17.0 17	17.1 17	17.5 17	20.2 18	22.7 17	24.7 15	33.3 13
1964	1965	45.0 42	47.3 42	50.6 42	56.4 42	69.3 42	85.7 42	152 42	157 42	233 42
1965	1966	31.0 38	31.0 38	31.4 37	33.1 35	35.8 34	39.7 32	59.2 33	61.6 30	91.8 30
1966	1967	29.0 34	29.0 34	29.0 32	29.3 32	31.4 32	38.4 31	52.4 31	66.0 31	97.1 31
1967	1968	13.0 12	13.0 12	13.1 14	13.4 11	13.9 12	15.3 11	17.4 10	21.2 12	25.1 11
1968	1969	6.90 4	6.97 4	7.13 4	7.60 4	8.17 4	9.21 4	10.2 4	10.5 4	13.1 2
1969	1970	21.0 24	21.0 24	21.7 25	22.1 25	25.5 27	43.7 34	64.7 34	80.8 34	103 32
1970	1971	24.0 29	24.7 29	25.3 29	25.9 29	27.8 29	31.2 28	34.1 27	38.4 26	58.0 24
1971	1972	18.0 19	18.0 19	18.1 19	18.4 19	19.3 19	22.0 19	31.1 26	39.2 27	56.4 23
1972	1973	17.0 18	17.0 18	17.0 18	17.2 18	18.4 18	19.5 17	22.9 18	30.5 20	51.2 22
1973	1974	20.0 23	20.3 23	20.7 23	21.1 22	22.0 21	22.6 20	28.1 24	31.5 21	44.0 17
1974	1975	27.0 31	27.0 31	27.1 31	27.4 31	28.3 30	34.3 30	48.6 29	70.0 32	195 41
1975	1976	32.0 39	32.7 40	33.6 40	33.8 40	35.3 33	41.5 33	51.6 30	57.7 29	82.4 28
1976	1977	30.0 36	30.0 36	30.9 36	31.9 34	43.6 40	101 43	134 41	144 39	145 36
1977	1978	12.0 10	12.7 10	13.0 10	14.1 15	16.6 15	17.4 14	19.2 13	23.1 13	27.7 12
1978	1979	26.0 30	26.3 30	26.7 30	27.2 30	29.1 31	31.3 29	35.0 28	42.4 28	86.4 29
1979	1980	29.0 35	29.3 35	30.3 34	31.7 33	37.2 36	46.7 36	55.4 32	70.6 33	74.1 26
1980	1981	30.0 37	30.7 37	31.9 38	33.6 37	42.1 39	44.2 35	70.1 36	136 38	128 34
1981	1982	21.0 25	21.0 25	21.7 26	21.9 24	23.0 23	26.0 25	27.4 23	31.6 22	48.3 20
1982	1983	32.0 40	33.0 41	34.6 41	38.4 41	40.9 38	65.2 40	90.5 38	128 37	189 40
1983	1984	32.0 41	32.0 39	32.6 39	33.7 39	36.6 35	54.2 37	66.2 35	84.6 35	126 33
1984	1985	13.0 13	13.3 15	13.7 15	13.9 14	15.3 14	16.4 12	16.9 8	17.9 8	21.0 8
1985	1986	10.0 9	10.7 9	10.9 9	11.2 9	12.4 9	15.0 9	20.8 16	36.7 23	133 35
1986	1987	21.0 26	21.0 26	21.4 24	22.2 26	23.1 24	25.2 24	25.8 21	29.3 19	36.3 14
1987	1988	13.0 14	13.0 13	13.0 11	13.2 10	13.6 10	16.6 13	18.0 11	18.4 9	21.3 9
1988	1989	13.0 15	13.0 14	13.0 12	13.4 12	13.8 11	15.0 10	17.3 9	20.5 11	41.8 16
1989	1990	8.00 5	8.33 5	8.63 5	9.66 8	12.0 8	14.9 8	18.4 12	24.4 14	48.8 21
1990	1991	5.00 2	5.17 2	5.29 2	5.43 2	5.72 2	6.53 2	7.89 2	9.33 2	19.6 6
1991	1992	23.0 28	23.0 28	23.0 27	23.3 28	23.9 25	24.4 23	27.0 22	36.7 24	79.4 27
1992	1993	12.0 11	12.7 11	13.0 13	13.5 13	14.3 13	18.3 16	19.7 15	25.4 16	45.5 19

ECONFINA RIVER BASIN  
02326000 ECONFINA RIVER NEAR PERRY, FL--Continued

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE	1	3	7	15	30	60	90	120	183
1951 1951	148 41	140 41	122 41	108 40	89.1 40	75.9 40	60.2 40	51.5 40	45.3 40
1952 1952	557 27	550 27	532 28	500 26	393 26	282 24	235 25	248 23	213 22
1953 1953	755 17	742 17	705 17	611 19	437 25	273 26	297 22	256 22	252 15
1954 1954	634 25	628 25	596 26	448 28	327 29	241 29	211 28	208 25	156 28
1955 1955	163 40	157 40	135 40	101 41	74.8 41	51.5 41	36.1 42	28.2 43	22.0 43
1956 1956	120 42	117 42	104 42	84.2 42	60.8 42	49.2 42	48.2 41	46.8 41	41.4 41
1957 1957	2480 1	2397 1	2151 1	1817 1	1266 1	809 1	609 2	569 2	383 6
1958 1958	1600 3	1597 3	1541 3	1253 3	793 7	505 12	400 12	360 11	330 9
1959 1959	1200 8	1193 8	1160 8	985 6	796 6	564 9	419 10	367 10	295 12
1960 1960	785 16	778 16	744 16	618 18	535 14	498 13	406 11	330 13	276 13
1961 1961	738 18	731 18	700 18	632 16	461 20	262 27	192 31	174 29	175 26
1962 1962	704 22	698 22	663 21	555 25	353 27	194 34	137 36	108 37	77.4 37
1963 1963	203 38	200 38	194 38	178 38	155 38	121 38	105 38	85.2 38	65.0 38
1964 1964	1250 7	1240 7	1194 6	983 7	669 12	564 10	439 9	383 9	320 10
1965 1965	838 15	829 15	797 15	689 15	526 17	352 21	298 21	277 20	249 16
1966 1966	617 26	611 26	596 25	584 21	528 16	441 15	336 19	277 19	215 21
1967 1967	446 31	440 31	414 32	345 31	241 34	174 36	138 35	114 35	99.0 33
1968 1968	74.0 43	70.0 43	61.6 43	54.5 43	43.5 43	34.4 43	33.7 43	31.8 42	28.4 42
1969 1969	541 29	532 29	505 29	413 29	315 30	203 31	163 32	151 32	129 30
1970 1970	855 13	843 14	838 13	778 13	595 13	417 16	359 16	311 16	247 18
1971 1971	169 39	166 39	159 39	139 39	120 39	101 39	87.0 39	78.3 39	63.3 39
1972 1972	708 20	703 20	680 20	588 20	437 24	379 19	378 14	329 14	260 14
1973 1973	2190 2	2150 2	2049 2	1717 2	1176 2	689 5	582 5	482 7	362 7
1974 1974	855 14	848 13	828 14	745 14	533 15	530 11	372 15	287 18	223 20
1975 1975	706 21	703 19	689 19	623 17	513 18	409 17	346 18	332 12	248 17
1976 1976	363 34	356 34	344 34	312 34	262 32	224 30	203 29	188 27	170 27
1977 1977	1020 11	999 12	934 12	847 12	775 8	690 4	570 6	503 6	391 5
1978 1978	643 24	640 24	622 24	563 24	448 22	360 20	302 20	259 21	203 23
1979 1979	448 30	443 30	421 31	344 32	306 31	246 28	247 24	243 24	190 24
1980 1980	1320 5	1287 5	1181 7	942 9	672 11	497 14	382 13	315 15	297 11
1981 1981	437 32	432 32	424 30	383 30	340 28	276 25	216 26	184 28	184 25
1982 1982	709 19	700 21	661 22	563 23	468 19	405 18	347 17	299 17	245 19
1983 1983	1010 12	1000 11	934 11	855 11	702 10	618 6	585 4	527 4	427 3
1984 1984	1400 4	1387 4	1296 4	1136 4	860 3	612 7	541 7	507 5	414 4
1985 1985	694 23	687 23	658 23	576 22	439 23	327 22	248 23	193 26	133 29
1986 1986	1290 6	1280 6	1239 5	1099 5	846 5	592 8	503 8	447 8	345 8
1987 1987	1100 10	1077 10	1028 10	884 10	735 9	701 3	674 1	626 1	455 2
1988 1988	552 28	549 28	539 27	498 27	452 21	300 23	216 27	170 30	119 32
1989 1989	404 33	397 33	371 33	323 33	247 33	203 32	155 34	121 34	86.8 36
1990 1990	240 37	237 37	225 37	196 37	155 37	136 37	126 37	112 36	87.4 35
1991 1991	1140 9	1133 9	1099 9	978 8	853 4	710 2	604 3	541 3	485 1
1992 1992	262 36	259 36	253 36	230 36	210 36	190 35	162 33	133 33	95.5 34
1993 1993	307 35	302 35	284 35	267 35	236 35	202 33	195 30	161 31	121 31

**AUCILLA RIVER BASIN**  
02326500 AUCILLA RIVER AT LAMONT, FL

LOCATION.--Lat 30°22'11", long 83°48'25", in NE<sup>1</sup>/<sub>4</sub> sec.27, T.1 S., R.5 E., Madison County, Hydrologic Unit 03110103, near left bank on downstream side of bridge on U.S. Highway 19, 0.6 mi southeast of Lamont, and 34 mi upstream from mouth.

DRAINAGE AREA.--747 mi<sup>2</sup>.

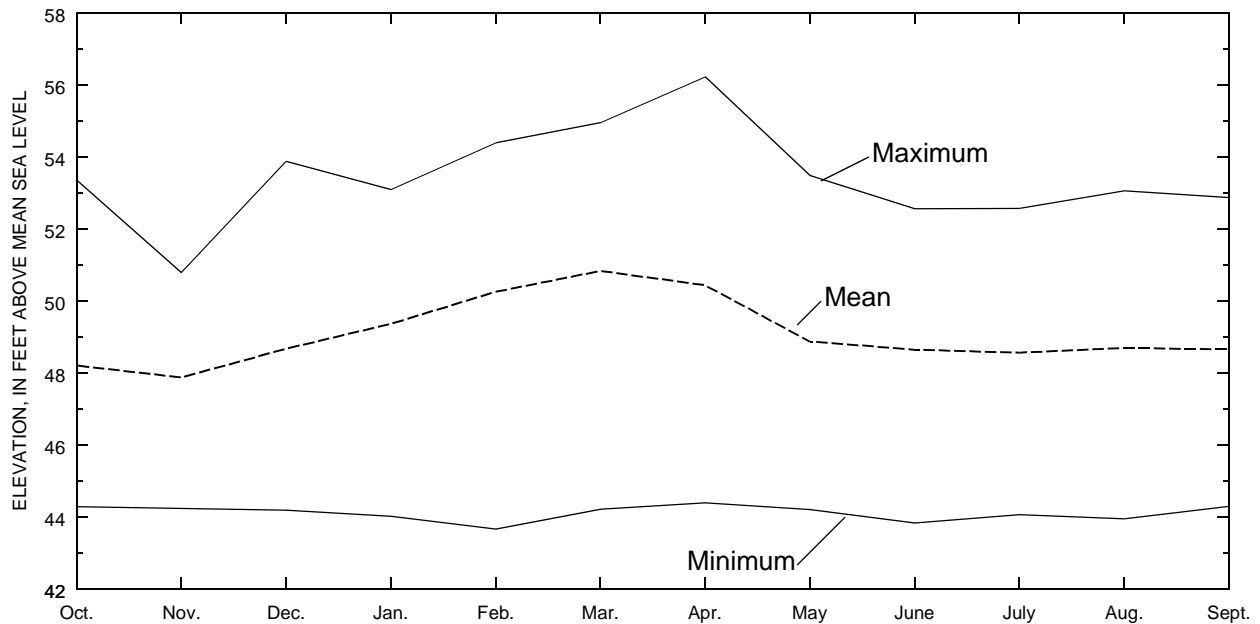
PERIOD OF RECORD.--February 1950 to September 1979; November 1983 to 1992 (gage heights and peak discharge only).

REVISED RECORDS.--WSP 1204, 1905: Drainage area. WSP 1504: 1953.

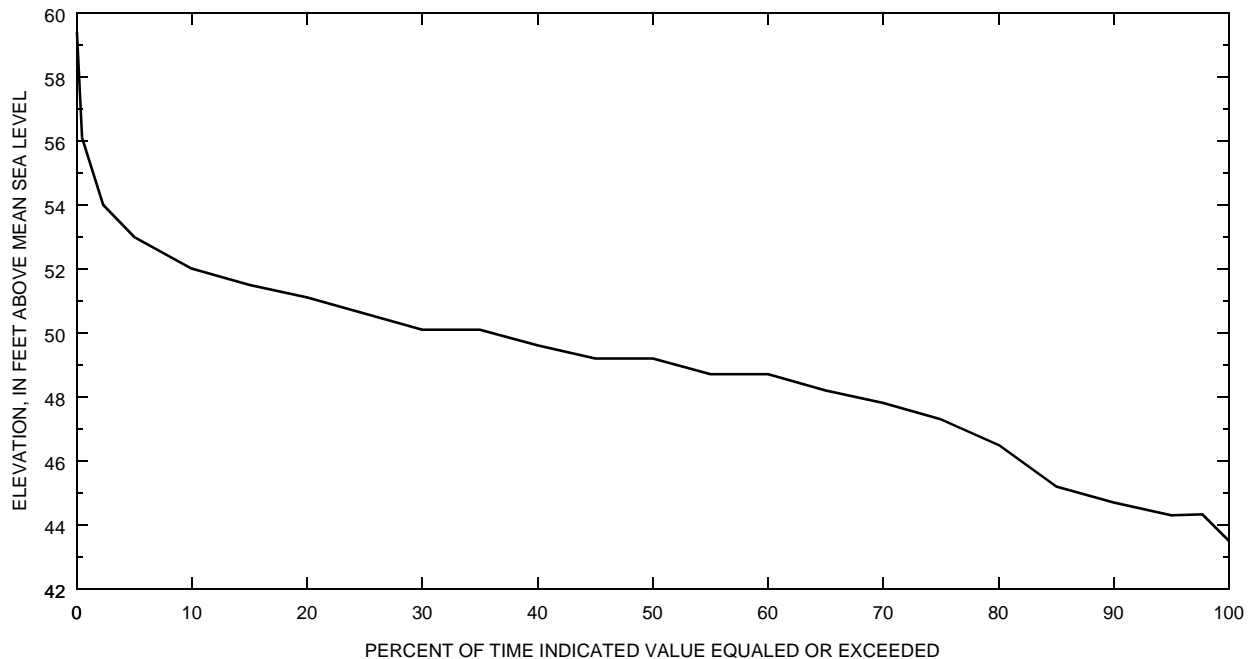
GAGE.--Water-stage recorder. Datum of gage is 42.90 ft above National Geodetic Vertical Datum of 1929, unadjusted.

REMARKS.--Minor pumpage above and below station for irrigation during dry seasons. Since Aug. 27, 1963, low-head rock and concrete dam 0.6 mi downstream.

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN ELEVATIONS FOR WATER YEARS 1950-1992**



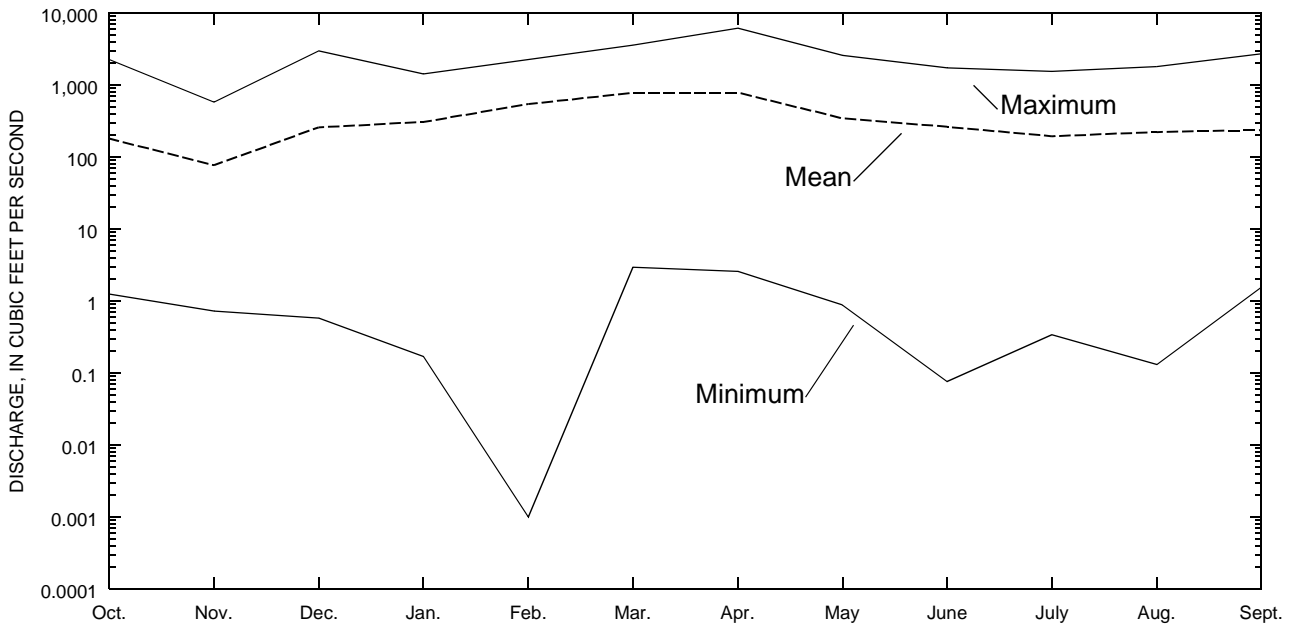
**DURATION OF DAILY MEAN ELEVATION FOR WATER YEARS 1950-1992**



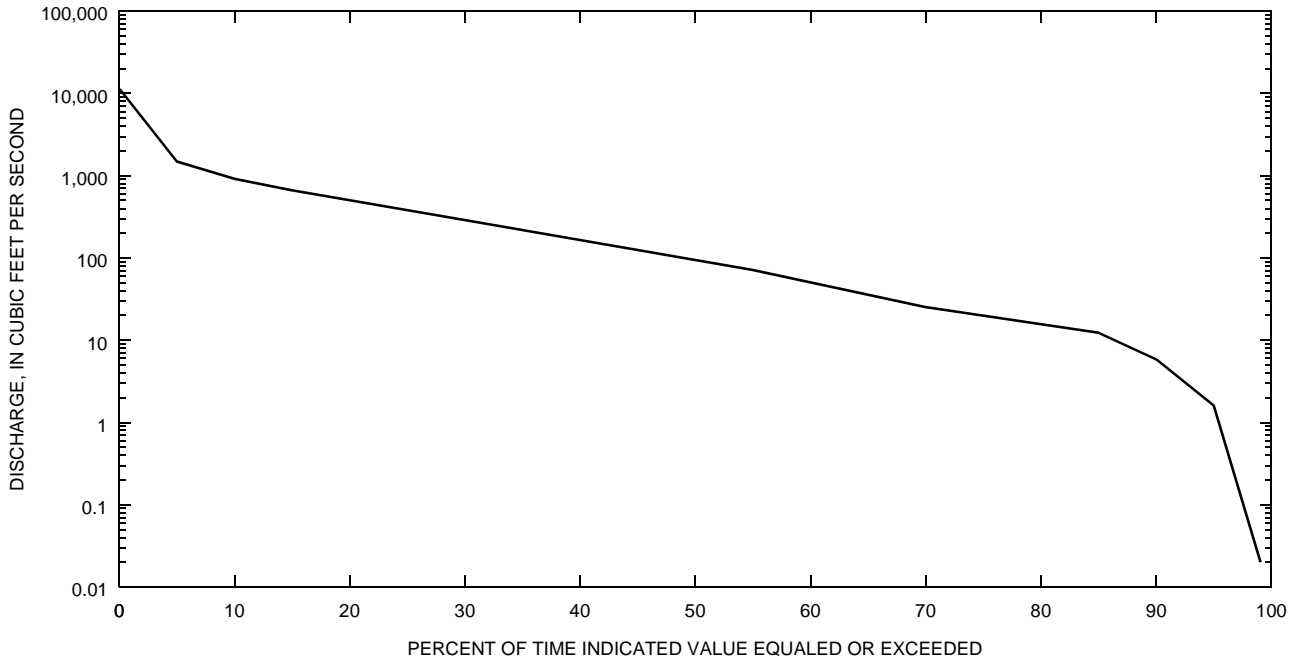
**SUMMARY STATISTICS, IN CUBIC FEET PER SECOND UNLESS OTHERWISE INDICATED  
 FOR WATER YEARS 1950 - 1992**

ANNUAL MEAN	357		
HIGHEST ANNUAL MEAN	1471		1965
LOWEST ANNUAL MEAN	2.68		1955
HIGHEST DAILY MEAN	11500	Apr 8	1973
LOWEST DAILY MEAN	.00	Jun 2	1955
ANNUAL SEVEN-DAY MINIMUM	.00	Jun 2	1955
INSTANTANEOUS PEAK FLOW	11500	Apr 8	1973
INSTANTANEOUS PEAK ELEVATION (FT)	59.47	Apr 8	1973
INSTANTANEOUS LOW FLOW	.00	Jun 2	1955
ANNUAL RUNOFF (INCHES)	6.50		
ANNUAL RUNOFF (CFSM)	.48		

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1950-1992**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1950-1992**



AUCILLA RIVER BASIN  
02326500 AUCILLA RIVER AT LAMONT, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1950-1992**

MONTH	ELEVATION FEET ABOVE SEA LEVEL			DISCHARGE CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	53.33	44.28	48.20	2220	1.25	179.85
NOVEMBER	50.76	44.21	47.87	567.8	.727	76.89
DECEMBER	53.85	44.18	48.67	2923	.584	258.71
JANUARY	53.07	44.01	49.36	1402	.171	306.91
FEBRUARY	54.37	43.66	50.25	2222	.000	544.91
MARCH	54.93	44.21	50.83	3519	2.95	778.44
APRIL	56.20	44.39	50.43	6000	2.58	783.52
MAY	53.46	44.20	48.87	2524	.887	344.73
JUNE	52.54	43.83	48.64	1692	.077	263.42
JULY	52.55	44.06	48.56	1511	.342	194.32
AUGUST	53.04	43.94	48.69	1765	.132	222.72
SEPTEMBER	52.85	44.29	48.65	2674	1.57	237.03

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1950-1993**

PERCENT  
OF TIME  
EQUALED OR  
EXCEEDED

ANNUAL    OCT    NOV    DEC    JAN    FEB    MAR    APR    MAY    JUNE    JULY    AUG    SEPT

ELEVATION IN FEET ABOVE MEAN SEA LEVEL

95.0	44.3	44.2	44.2	44.4	44.2	44.6	44.4	44.6	44.8	44.7	44.7	44.3	44.4
90.0	44.7	44.5	44.7	44.8	44.9	44.9	46.3	45.8	44.8	44.7	44.9	44.9	44.8
85.0	45.2	44.8	44.9	45.1	45.5	46.8	47.1	47.1	45.2	45.0	44.9	44.9	45.6
80.0	46.5	45.2	45.2	45.1	46.9	47.5	48.3	48.4	46.2	45.6	46.0	45.8	45.9
75.0	47.3	46.6	46.3	46.7	47.9	48.3	49.2	48.8	47.2	47.2	46.8	46.7	46.7
70.0	47.8	47.3	47.1	47.4	48.3	48.7	50.0	49.2	47.6	47.8	47.6	47.3	47.8
65.0	48.2	47.6	47.3	47.7	48.6	49.9	50.4	49.7	47.9	48.2	47.9	47.8	48.2
60.0	48.7	48.0	47.9	48.1	48.9	49.9	50.8	50.1	48.3	48.5	48.1	48.5	48.6
55.0	48.7	48.3	48.2	48.4	49.3	50.3	50.8	50.1	49.0	48.8	48.4	48.8	48.6
50.0	49.2	48.3	48.2	48.8	49.7	50.7	51.3	50.1	49.4	48.8	48.7	49.1	48.6
45.0	49.2	48.7	48.4	48.8	50.0	51.1	51.7	50.6	49.4	49.1	49.0	49.4	49.0
40.0	49.6	48.7	48.4	49.1	50.0	51.1	51.7	51.0	49.8	49.5	49.3	49.4	49.0
35.0	50.1	49.1	48.7	49.5	50.4	51.5	52.1	51.0	49.8	49.5	49.6	49.7	49.4
30.0	50.1	49.4	49.0	49.5	50.4	51.5	52.1	51.5	50.2	49.8	49.8	50.0	49.4
25.0	50.6	49.4	49.3	49.8	50.8	51.9	52.6	51.9	50.2	49.8	50.1	50.3	49.8
20.0	51.1	49.8	49.3	50.2	51.5	52.4	53.0	52.4	50.5	50.5	50.4	50.3	50.2
15.0	51.5	49.8	49.6	51.3	51.9	52.8	53.0	52.9	50.9	51.2	50.7	50.7	50.6
10.0	52.0	50.2	49.9	52.4	52.7	52.8	53.5	53.3	51.3	51.8	51.0	51.6	51.1
5.0	53.0	51.3	50.4	53.5	53.0	53.2	54.4	54.3	52.4	52.2	51.9	52.3	51.9

DISCHARGE IN CUBIC FEET PER SECOND

95.0	1.6	0.8	0.6	2.3	2.0	4.1	3.3	7.7	8.9	1.7	3.8	2.2	2.3
90.0	5.8	1.9	2.3	4.5	5.1	12.1	16.0	25.7	15.5	9.3	8.1	6.2	4.6
85.0	12.3	4.0	4.0	8.4	15.9	19.5	78.8	52.2	19.2	13.6	10.6	11.0	6.4
80.0	15.7	6.4	6.4	13.9	27.0	66.4	115.3	64.9	25.0	15.7	14.1	14.6	12.5
75.0	19.9	10.5	11.1	15.9	53.1	108.5	156.7	88.4	32.1	18.8	17.0	18.9	17.3
70.0	25.3	13.8	12.4	18.0	76.1	166.0	193.1	139.4	40.2	22.2	20.4	31.0	24.1
65.0	35.7	16.2	13.7	20.4	95.2	256.2	234.8	192.4	53.4	26.8	24.2	44.8	29.3
60.0	51.2	18.7	15.8	22.7	119.4	309.6	281.7	241.6	70.5	31.7	28.5	59.0	36.1
55.0	71.1	21.7	18.1	27.7	147.3	380.0	349.7	291.0	90.8	41.3	38.8	74.8	47.2
50.0	95.9	24.7	19.9	35.9	172.9	436.0	434.8	342.0	116.1	50.2	62.3	92.2	59.4
45.0	128.5	30.0	21.7	44.5	211.6	486.6	555.3	411.7	151.4	60.4	87.7	111.7	79.7
40.0	172.7	37.0	24.3	52.2	274.9	544.8	652.1	497.9	196.3	82.7	113.1	136.4	96.3
35.0	226.2	52.7	31.1	66.5	324.1	603.7	744.5	590.4	240.0	119.5	141.0	166.0	118.4
30.0	289.4	90.8	57.1	87.8	381.5	678.2	855.2	700.5	283.3	212.2	176.7	201.6	149.3
25.0	385.0	138.8	76.3	119.8	447.3	757.1	994.6	838.7	345.8	307.2	216.1	244.2	184.2
20.0	507.2	193.4	94.6	190.0	515.6	856.9	1146.1	1069.7	417.2	418.6	265.9	299.1	231.9
15.0	661.5	292.7	126.8	335.9	585.6	989.3	1407.1	1449.2	524.8	569.8	373.3	403.8	300.2
10.0	916.9	498.5	221.6	666.4	702.5	1206.4	1939.3	1961.8	711.0	811.5	575.3	690.5	429.7
5.0	1481.5	806.7	338.6	1661.4	1090.4	1728.7	2983.6	3030.9	1195.7	1179.3	858.7	968.4	943.7

AUCILLA RIVER BASIN  
02326500 AUCILLA RIVER AT LAMONT, FL--Continued

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183
1951	1952	44.7 3	44.7 3	44.7 3	44.7 3	44.8 3	45.0 5	45.0 5	45.2 6	45.1 4
1952	1953	44.8 4	44.8 4	44.8 4	44.8 4	44.8 4	44.9 3	44.9 3	45.0 3	45.3 5
1954	1955	44.3 2	44.3 2	44.3 2	44.3 2	44.4 2	44.4 2	44.4 2	44.5 2	44.5 2
1956	1957	43.5 1	43.5 1	43.5 1	43.5 1	43.7 1	43.8 1	43.9 1	44.0 1	44.1 1
1957	1958	44.8 5	44.8 5	44.9 5	44.9 6	45.0 6	45.2 8	46.6 9	46.8 10	47.9 10
1958	1959	45.2 9	45.2 9	45.2 9	45.2 9	45.2 9	45.2 9	45.3 8	45.4 8	46.0 7
1960	1961	45.5 10	45.5 10	45.5 10	45.6 10	45.7 10	46.0 10	46.6 10	46.6 9	46.9 9
1961	1962	45.0 8	45.0 8	45.0 8	45.0 8	45.1 8	45.1 7	45.2 7	45.3 7	45.7 6
1962	1963	44.9 7	44.9 7	44.9 7	44.9 7	45.0 7	45.1 6	45.1 6	45.1 5	45.1 3
1963	1964	44.8 6	44.9 6	44.9 6	44.9 5	44.9 5	45.0 4	45.0 4	45.0 4	46.0 8
1964	1965	49.6 29	49.6 29	49.6 29	49.7 29	49.3 26	50.0 29	51.3 29	51.6 29	51.6 29
1965	1966	49.3 27	49.3 27	49.4 27	49.4 27	49.5 27	49.6 28	49.9 28	50.1 28	50.6 28
1966	1967	49.0 23	49.0 23	49.0 23	49.0 23	49.0 23	49.1 23	49.3 22	49.4 21	49.9 23
1967	1968	49.1 24	49.1 24	49.1 24	49.1 24	49.2 25	49.5 26	49.7 27	49.8 26	49.9 24
1968	1969	47.9 17	48.0 17	48.1 17	48.3 18	48.5 19	48.8 20	49.1 20	49.2 20	49.3 20
1969	1970	49.2 26	49.2 26	49.2 26	49.3 26	49.3 26	49.4 25	49.6 25	49.6 24	49.6 21
1970	1971	49.4 28	49.4 28	49.5 28	49.5 28	49.5 28	49.5 27	49.6 24	49.7 25	50.1 25
1974	1975	48.8 22	48.9 22	48.9 22	48.9 22	49.0 22	49.1 21	49.3 21	49.6 23	49.8 22
1975	1976	49.1 25	49.1 25	49.1 25	49.2 25	49.2 24	49.3 24	49.6 26	49.8 27	50.3 26
1976	1977	48.7 21	48.7 21	48.7 21	48.8 21	48.9 21	49.1 22	49.3 23	49.5 22	50.3 27
1977	1978	48.5 20	48.5 20	48.5 20	48.6 20	48.6 20	48.7 19	48.7 19	48.8 19	48.8 16
1978	1979	48.4 19	48.4 19	48.4 19	48.4 19	48.4 18	48.4 18	48.5 18	48.6 18	48.8 18
1984	1985	48.1 18	48.1 18	48.2 18	48.2 17	48.2 17	48.2 16	48.2 16	48.3 16	48.5 12
1985	1986	47.6 14	47.6 14	47.7 14	47.7 14	47.8 14	47.9 14	48.1 15	48.3 15	49.0 19
1986	1987	47.8 16	47.9 16	47.9 16	48.0 16	48.1 16	48.3 17	48.3 17	48.4 17	48.8 17
1987	1988	47.8 15	47.8 15	47.8 15	47.9 15	47.9 15	48.0 15	48.0 14	48.0 14	48.2 11
1988	1989	47.5 13	47.6 13	47.6 13	47.6 13	47.7 13	47.7 13	47.7 13	48.0 13	48.6 15
1989	1990	46.9 11	47.0 11	47.1 11	47.1 11	47.2 11	47.3 11	47.4 11	47.7 12	48.6 14
1991	1992	47.4 12	47.4 12	47.4 12	47.4 12	47.4 12	47.4 12	47.5 12	47.7 11	48.5 13

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183
1951	1951	48.1 30	48.0 30	47.9 30	47.7 30	47.3 30	46.4 30	45.9 30	45.7 30	45.6 30
1952	1952	52.6 20	52.6 20	52.5 20	52.4 19	52.2 18	52.0 15	51.0 17	50.5 19	49.7 21
1954	1954	52.4 21	52.4 21	52.1 23	52.0 23	51.3 22	50.5 23	49.5 26	49.2 27	48.5 26
1956	1956	46.3 31	46.2 31	46.1 31	46.0 31	45.7 31	45.2 31	45.2 31	45.1 31	45.1 31
1957	1957	57.8 2	57.5 3	56.8 3	55.7 4	52.8 13	50.1 28	49.2 27	49.3 26	47.9 27
1958	1958	56.7 5	56.6 5	56.1 5	55.0 6	53.4 9	52.8 8	52.2 10	51.6 10	51.4 11
1961	1961	51.9 24	51.9 24	51.8 24	51.6 24	50.6 28	50.3 25	49.9 24	49.5 24	48.7 25
1962	1962	55.4 9	55.3 9	55.0 9	54.4 10	52.8 14	50.2 27	49.1 28	48.3 28	47.4 28
1963	1963	51.3 28	51.2 28	51.2 28	51.0 28	50.7 27	49.8 29	49.0 29	48.2 29	47.2 29
1964	1964	56.2 7	56.1 7	55.8 7	54.9 7	53.6 8	52.8 9	52.7 8	52.4 8	52.1 6
1965	1965	56.2 6	56.1 6	55.9 6	55.1 5	54.3 5	53.7 4	53.6 5	53.3 4	53.0 1
1966	1966	55.5 8	55.5 8	55.3 8	54.9 8	54.3 4	53.6 5	52.9 7	52.4 9	51.8 9
1967	1967	53.1 17	53.1 17	53.0 17	52.7 17	52.0 19	51.6 17	51.2 16	50.7 17	50.4 15
1968	1968	50.5 29	50.5 29	50.5 29	50.4 29	50.3 29	50.2 26	50.2 23	50.1 22	50.0 19
1969	1969	51.6 26	51.5 26	51.5 26	51.4 27	51.0 26	50.7 22	50.5 22	50.4 20	50.3 18
1970	1970	53.3 16	53.3 16	53.2 16	53.0 16	52.7 16	52.1 14	51.8 12	51.5 13	51.0 12
1971	1971	51.5 27	51.5 27	51.4 27	51.4 26	51.3 23	51.2 20	51.0 18	50.8 15	50.4 16
1973	1973	59.4 1	59.4 1	59.2 1	58.2 1	56.2 1	54.2 2	53.6 4	53.2 5	52.6 3
1975	1975	54.6 11	54.6 11	54.4 11	54.0 11	53.2 11	52.7 10	52.6 9	52.6 7	51.9 8
1976	1976	54.6 12	54.6 12	54.3 12	53.8 12	53.0 12	52.4 11	51.7 13	51.6 11	51.5 10
1977	1977	54.0 14	54.0 14	53.9 14	53.8 13	53.7 7	53.4 7	52.9 6	52.9 6	52.1 7
1978	1978	53.5 15	53.4 15	53.3 15	53.1 15	52.7 15	52.2 12	51.9 11	51.5 12	51.0 13
1979	1979	52.9 18	52.9 18	52.8 18	52.6 18	52.4 17	51.9 16	51.4 14	51.2 14	50.6 14
1982	1982	51.7 25	51.7 25	51.6 25	51.5 25	51.1 25	50.9 21	50.8 19	50.6 18	50.3 17
1985	1985	52.4 23	52.3 22	52.3 21	52.0 22	51.3 24	50.5 24	49.8 25	49.4 25	49.0 24
1986	1986	56.9 4	56.8 4	56.6 4	55.8 3	54.6 3	53.6 6	53.6 3	53.4 2	52.4 4
1987	1987	55.1 10	55.1 10	55.0 10	54.6 9	54.2 6	53.9 3	53.9 2	53.8 1	52.8 2
1988	1988	54.1 13	54.0 13	53.9 13	53.7 14	53.4 10	52.2 13	51.4 15	50.7 16	49.8 20
1989	1989	52.4 22	52.3 23	52.2 22	52.1 21	51.7 21	51.4 18	50.6 21	49.9 23	49.4 23
1991	1991	57.7 3	57.6 2	57.2 2	56.2 2	55.1 2	54.7 1	54.0 1	53.3 3	52.2 5
1992	1992	52.7 19	52.7 19	52.6 19	52.2 20	51.9 20	51.4 19	50.8 20	50.2 21	49.5 22

AUCILLA RIVER BASIN  
02326500 AUCILLA RIVER AT LAMONT, FL--Continued

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR RANGE		1	3	7	14	30	60	90	120	183
1950	1951	11.0 9	11.0 9	11.1 10	11.6 10	12.0 10	13.9 10	14.5 7	15.4 7	15.8 6
1951	1952	9.20 8	9.20 8	9.29 8	9.47 8	10.7 8	14.3 12	15.2 10	22.8 12	21.6 9
1952	1953	11.0 10	11.0 10	11.0 9	11.2 9	11.3 9	13.1 8	15.0 8	19.1 9	37.6 11
1953	1954	19.0 21	19.7 21	24.1 22	35.5 23	86.4 27	156 27	219 27	255 27	295 24
1954	1955	1.60 6	1.67 6	1.73 6	1.95 6	2.64 5	3.45 5	4.17 4	4.21 4	4.45 4
1955	1956	.0000 1	.0000 1	.0000 1	.0000 1	.077 3	.17 2	.19 2	.34 2	.69 1
1956	1957	.0000 2	.0000 2	.0000 2	.0000 2	.0000 1	.061 1	.17 1	.28 1	.83 2
1957	1958	12.0 13	13.3 14	15.0 15	16.5 15	17.7 15	25.3 20	144 25	146 25	565 28
1958	1959	18.0 20	18.7 20	19.1 20	19.3 20	20.2 19	21.6 16	23.9 14	31.9 15	77.6 17
1959	1960	93.0 29	101 29	115 29	161 29	209 29	270 28	314 28	392 28	387 27
1960	1961	25.0 23	26.7 24	32.0 24	38.8 24	55.0 25	69.0 25	110 23	110 23	157 20
1961	1962	15.0 16	15.0 16	15.1 16	15.9 14	16.1 13	17.4 13	19.9 13	30.6 14	58.4 16
1962	1963	11.0 11	11.7 12	12.1 12	12.4 12	12.8 11	14.1 11	15.6 11	18.7 8	18.8 8
1963	1964	.0000 3	.0000 3	.0000 3	.0000 3	.0000 2	2.12 4	4.82 5	5.97 5	9.08 5
1964	1965	42.0 27	42.7 27	46.6 27	54.2 27	116 28	270 29	638 29	870 29	808 29
1965	1966	71.0 28	71.0 28	73.0 28	76.9 28	85.5 26	100 26	186 26	220 26	386 26
1966	1967	36.0 25	36.3 25	37.3 25	38.8 25	43.0 23	55.6 23	86.0 22	106 22	216 22
1967	1968	17.0 18	17.3 19	18.3 19	18.8 19	20.1 18	21.0 15	24.7 15	38.0 16	52.9 15
1968	1969	.020 4	.090 4	.44 4	1.06 4	1.24 4	2.04 3	2.62 3	2.87 3	3.32 3
1969	1970	.69 5	.85 5	1.28 5	1.70 5	2.65 6	6.81 7	15.0 9	20.0 10	17.6 7
1970	1971	16.0 17	16.0 17	16.3 17	16.9 16	19.0 17	22.2 17	27.4 18	40.3 17	117 18
1971	1972	12.0 14	12.0 13	12.6 13	13.3 13	16.1 14	17.9 14	26.1 17	43.7 18	46.8 14
1972	1973	4.90 7	5.10 7	5.26 7	5.36 7	5.58 7	6.58 6	8.98 6	14.0 6	42.9 12
1973	1974	21.0 22	21.0 22	21.0 21	21.4 21	22.3 21	29.1 21	47.4 20	68.9 19	136 19
1974	1975	17.0 19	17.0 18	17.1 18	17.2 17	18.4 16	24.9 19	44.3 19	101 21	181 21
1975	1976	40.0 26	40.7 26	43.0 26	45.3 26	49.3 24	65.7 24	114 24	146 24	266 23
1976	1977	25.0 24	25.7 23	26.4 23	30.6 22	39.8 22	54.4 22	84.9 21	99.9 20	350 25
1977	1978	14.0 15	14.0 15	14.9 14	17.5 18	20.5 20	24.1 18	25.8 16	29.0 13	31.4 10
1978	1979	11.0 12	11.0 11	11.6 11	12.1 11	13.1 12	13.5 9	16.4 12	21.4 11	46.3 13

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR RANGE		1	3	7	15	30	60	90	120	183
1951	1951	216 27	211 27	203 27	185 27	149 26	95.1 26	68.7 28	55.8 28	46.5 27
1952	1952	1040 20	1033 20	996 20	958 20	859 19	801 17	642 16	558 16	445 14
1953	1953	2050 13	1993 13	1799 14	1383 15	954 18	543 20	490 20	409 20	383 17
1954	1954	967 21	940 22	830 22	788 22	650 22	517 21	403 22	386 22	309 21
1955	1955	13.0 30	11.3 30	9.31 30	7.77 30	7.29 30	5.43 30	5.74 30	5.26 30	4.44 30
1956	1956	70.0 29	67.0 29	58.9 29	54.1 29	39.8 29	23.6 29	22.9 29	19.7 29	17.2 29
1957	1957	6510 2	6277 2	5461 3	4322 3	2674 5	1417 9	999 10	847 10	565 12
1958	1958	5350 5	5250 5	4743 6	3585 7	2278 7	1567 8	1274 8	1124 9	945 7
1959	1959	4480 7	4437 7	4246 7	3757 6	3176 4	2106 4	1569 5	1369 5	1061 5
1960	1960	3560 9	3513 9	3393 9	2982 8	2141 8	1829 5	1452 6	1187 7	905 8
1961	1961	957 22	950 21	927 21	862 21	659 21	578 19	520 19	463 18	356 19
1962	1962	4080 8	3973 8	3629 8	2974 9	1920 10	1058 12	753 13	584 14	400 16
1963	1963	764 23	759 23	754 23	710 23	641 23	495 22	388 23	308 23	209 24
1964	1964	5820 4	5717 4	5314 4	4187 5	2631 6	1622 7	1666 4	1391 4	1230 3
1965	1965	6000 3	5923 3	5594 2	4595 2	3574 3	2708 2	2655 1	2246 1	2060 1
1966	1966	5120 6	5070 6	4901 5	4311 4	3598 2	2654 3	2001 3	1612 3	1210 4
1967	1967	1990 14	1967 14	1850 13	1570 13	1084 15	819 16	624 17	487 17	355 20
1968	1968	169 28	144 28	139 28	128 28	104 28	85.8 28	86.5 26	76.5 26	60.7 26
1969	1969	268 26	261 26	245 26	211 26	145 27	91.3 27	74.0 27	59.0 27	44.2 28
1970	1970	1620 17	1593 17	1486 17	1350 17	1050 17	729 18	573 18	463 19	361 18
1971	1971	432 25	415 25	405 25	402 25	373 25	338 25	281 25	230 25	163 25
1972	1972	1850 15	1817 15	1684 15	1367 16	1093 14	1014 13	941 11	806 11	639 11
1973	1973	11500 1	11370 1	10990 1	9173 1	6000 1	3414 1	2593 2	2115 2	1590 2
1974	1974	1620 18	1573 18	1436 18	1112 19	716 20	466 23	410 21	392 21	297 22
1975	1975	3280 11	3200 11	2934 10	2383 10	1679 11	1299 10	1218 9	1177 8	874 9
1976	1976	3300 10	3223 10	2856 11	2257 11	1526 12	1087 11	809 12	739 12	667 10
1977	1977	2370 12	2323 12	2233 12	2168 12	1966 9	1706 6	1383 7	1359 6	988 6
1978	1978	1780 16	1757 16	1634 16	1428 14	1133 13	904 14	743 14	627 13	462 13
1979	1979	1440 19	1420 19	1311 19	1183 18	1080 16	831 15	657 15	568 15	413 15
1982	1982	627 24	622 24	595 24	528 24	428 24	359 24	350 24	299 24	251 23

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**AUCILLA RIVER BASIN**  
02326512 AUCILLA RIVER NEAR SCANLON, FL

**LOCATION.**--Lat 30°13'52", long 83°55'08", in SW<sup>1</sup>/<sub>4</sub> sec.10, T.3 S., R.4 E., Taylor County, Hydrologic Unit 03110103, on left bank, 3 mi west of Cabbage Grove, 6.9 mi north of Scanlon, 12 mi southwest of Lamont and 14 mi upstream from mouth.

**DRAINAGE AREA.**--805 mi<sup>2</sup>.

**PERIOD OF RECORD.**--March 1950 to November 1957, crest-stage partial-record station; May 1965, May 1967 (one discharge measurement made each water year); August 1976 to 1993.

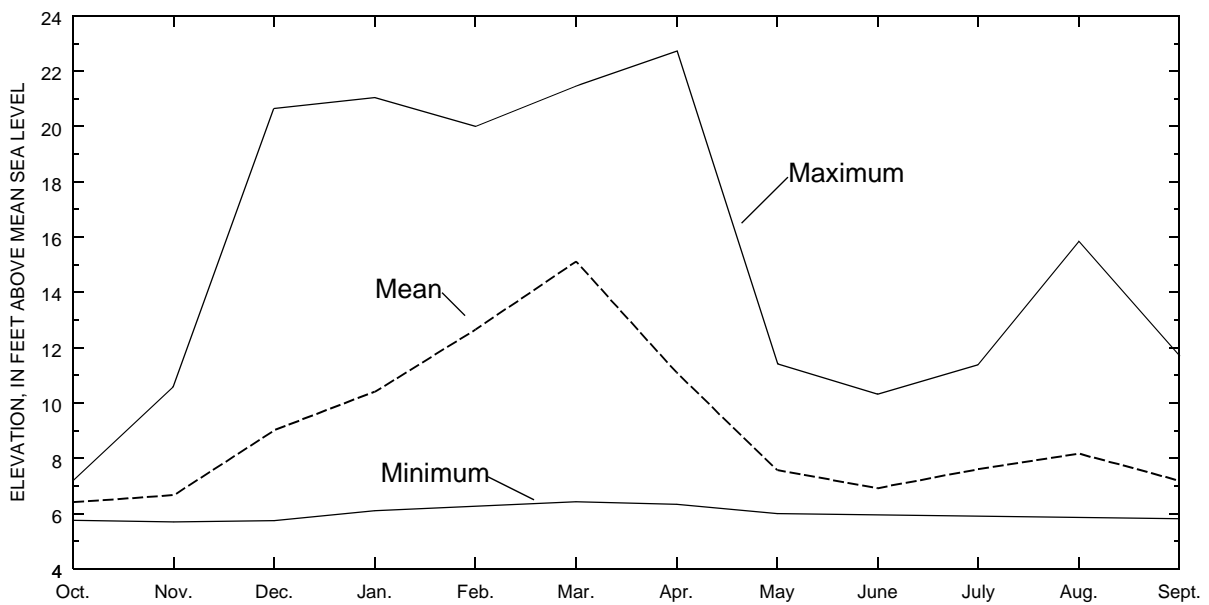
**REVISED RECORDS.**--WRD FL-88-4: 1986, 1987.

**GAGE.**--Water-stage recorder. Datum of gage is 3.14 ft above National Geodetic Vertical Datum of 1929, unadjusted. February 1950 to November 1957, crest-stage gage at same site at present datum. August 30, 1976 to April 24, 1982, water-stage recorder at same site and datum. April 25, 1982 to October 24, 1984, nonrecording gage.

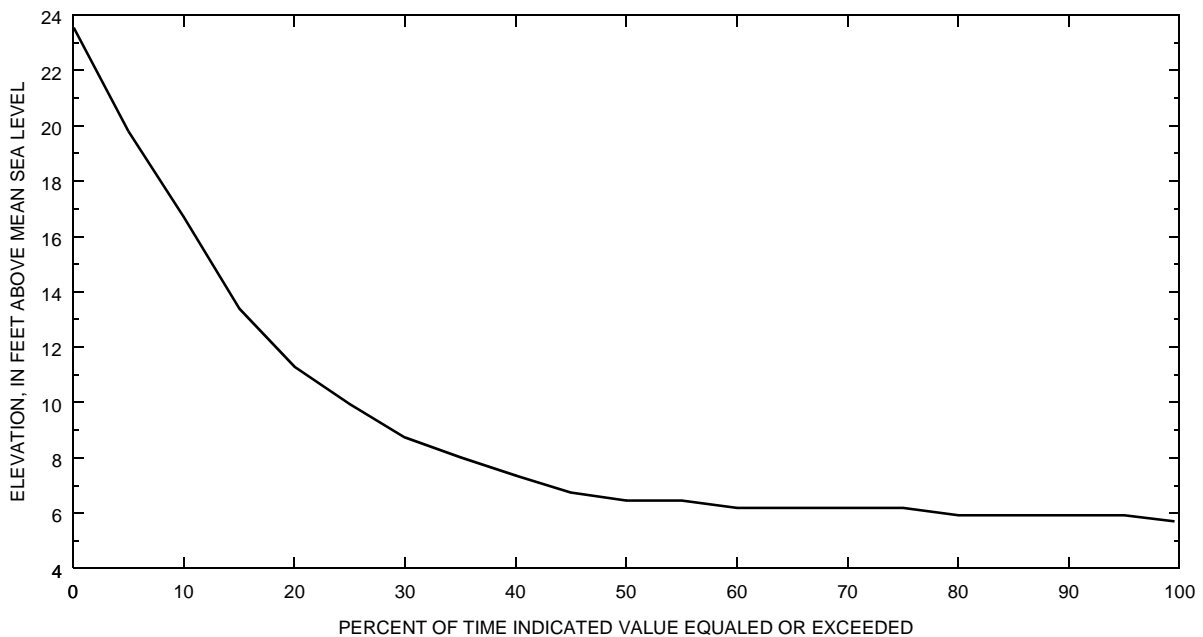
**REMARKS.**--Records good.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Flood of April 9, 1973, reached a stage of about 23.5 ft, from floodmarks, (discharge not determined).

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN ELEVATIONS FOR WATER YEARS 1976-1993**



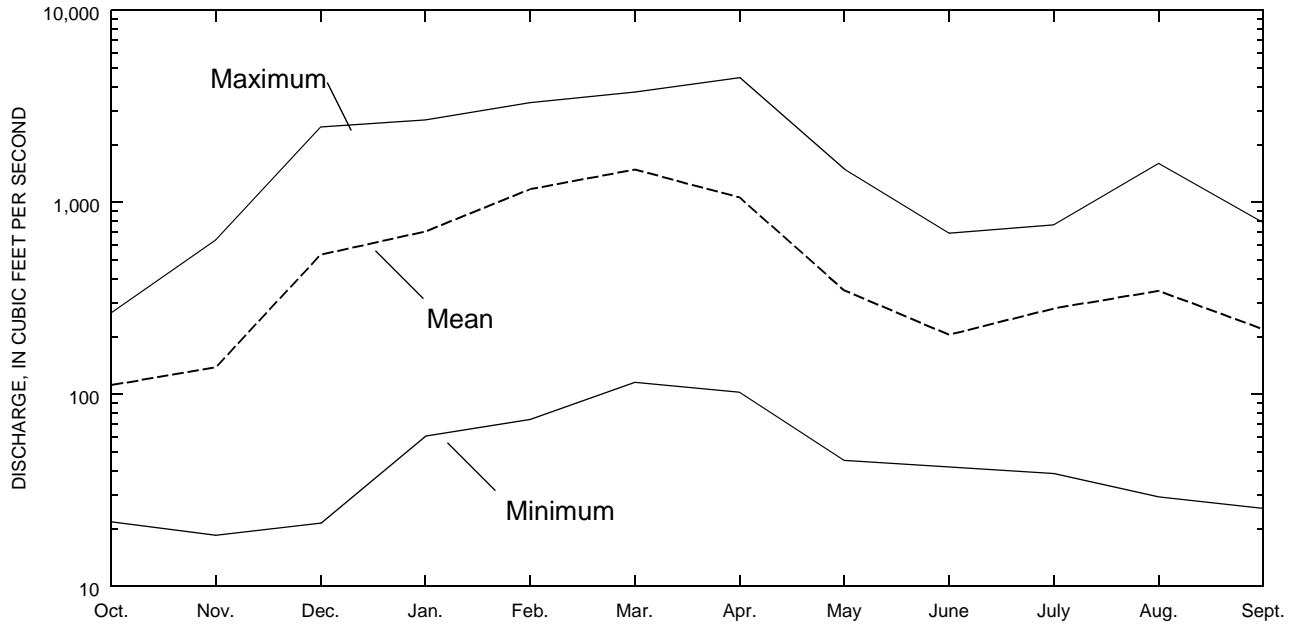
**DURATION OF DAILY MEAN ELEVATION FOR WATER YEARS 1976-1993**



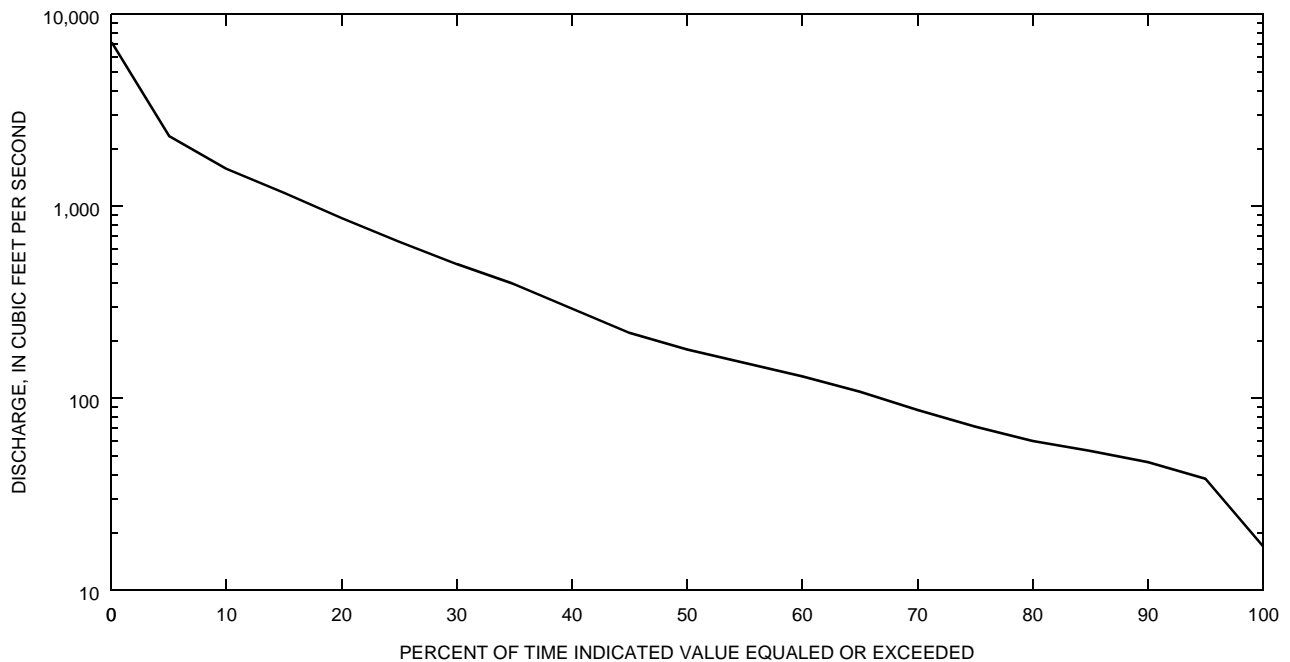
**SUMMARY STATISTICS IN CUBIC FEET PER SECOND, UNLESS OTHERWISE INDICATED  
 FOR WATER YEARS 1976 - 1993**

ANNUAL MEAN	549	
HIGHEST ANNUAL MEAN	1200	1984
LOWEST ANNUAL MEAN	160	1985
HIGHEST DAILY MEAN	7220	Apr 9 1984
LOWEST DAILY MEAN	17	Nov 22 1990
ANNUAL SEVEN-DAY MINIMUM	17	Nov 26 1990
INSTANTANEOUS PEAK FLOW	7460	Apr 8 1984
INSTANTANEOUS PEAK ELEVATION (FT)	23.61	Apr 8 1984
INSTANTANEOUS LOW FLOW	16	Nov 28 1990
ANNUAL RUNOFF (INCHES/CFSM)	9.27/0.68	

**MAXIMUM, MINIMUM, AND MEAN OF MONTHLY MEAN DISCHARGES FOR WATER YEARS 1976-1993**



**DURATION OF DAILY MEAN DISCHARGE FOR WATER YEARS 1976-1993**



AUCILLA RIVER BASIN  
02326512 AUCILLA RIVER NEAR SCANLON, FL--Continued

**SUMMARY OF MONTHLY MEAN ELEVATION AND DISCHARGE STATISTICS  
FOR WATER YEARS 1976-1993**

MONTH	ELEVATION FEET ABOVE SEA LEVEL			DISCHARGE CUBIC FEET PER SECOND		
	MAXIMUM	MINIMUM	MEAN	MAXIMUM	MINIMUM	MEAN
OCTOBER	7.17	5.76	6.41	265	21.8	112
NOVEMBER	10.57	5.70	6.67	636	18.5	139
DECEMBER	20.62	5.75	9.02	2455	21.4	536
JANUARY	21.02	6.10	10.41	2680	60.8	707
FEBRUARY	19.97	6.26	12.66	3296	74.1	1175
MARCH	21.43	6.43	15.12	3737	116	1486
APRIL	22.70	6.34	11.10	4436	103	1063
MAY	11.39	6.01	7.57	1483	45.4	349
JUNE	10.29	6.01	6.92	689	42.0	205
JULY	11.36	5.96	7.61	760	38.8	281
AUGUST	15.81	5.86	8.17	1586	29.4	347
SEPTEMBER	11.69	5.82	7.19	780	25.6	219

**DURATION OF DAILY MEAN VALUES FOR WATER YEARS 1976-1993**

PERCENT OF TIME EQUALED OR EXCEEDED ANNUAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	
													ELEVATION IN FEET ABOVE MEAN SEA LEVEL
95.0	5.9	5.7	5.7	5.7	6.0	6.1	6.4	6.3	5.9	5.9	5.8	5.7	
90.0	5.9	5.9	5.8	5.9	6.0	6.3	6.6	6.3	5.9	5.9	5.8	5.7	
85.0	5.9	6.0	5.8	5.9	6.2	6.3	8.1	6.6	5.9	5.9	6.0	6.0	
80.0	5.9	6.0	5.8	5.9	6.2	7.1	9.2	6.9	6.1	6.0	6.0	6.0	
75.0	6.1	6.0	6.0	6.1	6.5	8.7	10.0	7.1	6.1	6.0	6.1	6.0	
70.0	6.1	6.1	6.0	6.1	6.5	9.1	10.8	7.4	6.1	6.0	6.1	6.0	
65.0	6.1	6.1	6.0	6.1	6.7	9.5	11.8	7.8	6.1	6.0	6.1	6.0	
60.0	6.1	6.1	6.0	6.1	6.7	9.9	12.7	8.1	6.1	6.0	6.1	6.2	
55.0	6.4	6.1	6.0	6.4	7.0	10.3	13.8	8.4	6.3	6.0	6.1	6.2	
50.0	6.4	6.1	6.0	6.4	7.6	11.6	15.0	8.8	6.3	6.2	6.1	6.2	
45.0	6.7	6.2	6.0	6.4	8.2	12.1	15.6	9.1	6.3	6.2	6.3	6.4	
40.0	7.3	6.3	6.0	6.6	8.9	13.1	16.9	9.5	6.6	6.4	6.3	6.4	
35.0	8.0	6.3	6.2	6.6	10.1	14.2	17.6	10.4	6.8	6.5	6.6	6.6	
30.0	8.7	6.4	6.2	7.2	11.9	15.4	18.3	11.7	7.3	6.5	7.1	6.6	
25.0	9.9	6.5	6.5	7.5	14.0	16.7	19.1	12.7	7.9	6.7	7.7	7.0	
20.0	11.3	6.6	6.7	13.4	16.5	18.1	19.8	13.3	8.5	6.9	8.3	7.2	
15.0	13.4	6.8	6.9	18.6	17.8	18.9	20.7	15.6	9.5	7.3	9.3	8.4	
10.0	16.7	7.1	8.2	19.4	19.3	20.5	20.7	19.2	11.0	8.3	10.5	9.7	
5.0	19.8	7.9	10.2	20.2	20.1	22.2	21.5	21.7	12.8	11.5	13.2	11.7	
	DISCHARGE IN CUBIC FEET PER SECOND												
95.0	38.3	24.2	21.2	27.4	55.2	87.0	146.8	112.3	44.3	39.0	38.1	31.2	27.9
90.0	46.7	39.3	41.5	46.4	62.4	115.3	199.3	141.0	49.5	41.9	43.2	36.4	33.8
85.0	53.4	45.0	45.2	50.8	79.9	140.0	430.2	194.6	54.3	47.3	48.1	44.6	57.4
80.0	60.1	47.2	47.4	55.2	115.1	414.5	545.9	247.0	60.2	49.9	51.1	63.9	68.0
75.0	71.5	49.5	49.6	59.5	142.1	523.0	707.5	297.2	70.1	53.3	54.3	76.5	77.4
70.0	87.3	53.0	51.8	64.6	157.1	587.2	800.1	348.3	80.0	60.7	59.2	96.1	87.0
65.0	108.3	57.3	53.8	70.1	183.3	639.4	902.0	393.7	94.8	68.8	66.5	119.5	96.1
60.0	130.2	62.9	55.9	91.6	207.2	707.4	1038.9	430.1	113.2	77.8	78.8	150.1	105.4
55.0	152.9	69.8	57.9	113.5	246.4	794.4	1204.9	474.2	133.3	88.0	100.5	175.7	115.1
50.0	180.3	79.2	62.7	129.5	320.5	903.1	1329.7	522.9	153.5	109.1	119.3	200.7	127.8
45.0	219.9	91.6	71.6	148.0	385.6	1022.5	1436.1	573.3	198.3	133.8	143.4	226.8	142.5
40.0	295.6	105.9	80.8	166.0	544.1	1169.2	1533.7	655.3	263.4	151.0	166.7	263.3	159.0
35.0	393.8	120.1	89.0	182.8	664.2	1279.5	1658.5	782.5	315.5	165.4	204.1	311.3	177.4
30.0	501.3	131.9	99.0	257.3	804.0	1393.5	1799.5	971.3	380.8	183.3	290.0	377.8	197.3
25.0	657.6	144.9	131.6	312.4	1091.9	1510.7	2083.3	1194.0	432.5	211.7	367.1	431.4	221.4
20.0	870.2	163.8	162.6	1016.6	1451.4	1673.5	2355.9	1545.0	572.4	272.5	427.7	477.0	258.0
15.0	1181.5	185.4	202.7	1659.2	1656.8	1884.2	2598.5	2325.0	748.2	392.7	576.3	576.1	358.0
10.0	1574.2	221.2	336.1	2116.1	1982.7	2319.0	2918.6	3042.7	948.4	535.8	724.8	830.6	592.5
5.0	2341.3	334.9	582.6	2533.7	2408.2	3580.0	3441.2	3871.9	1192.2	860.3	1058.0	1348.2	877.7

**LOWEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD APR TO MAR**

WATER YEAR RANGE	1		3		7		14		30		60		90		120		183	
	1977 1978	5.89	2	5.92	3	5.95	3	5.98	3	6.03	3	6.10	5	6.13	5	6.17	3	6.16
1980 1981	6.13	9	6.14	9	6.15	9	6.20	9	6.36	9	6.54	9	6.76	9	6.82	9	6.93	6
1981 1982	5.99	5	6.00	5	6.01	5	6.03	5	6.05	5	6.08	3	6.10	2	6.15	2	6.15	2
1985 1986	5.91	3	5.91	2	5.92	2	5.94	2	5.98	2	6.02	2	6.11	3	6.19	4	7.49	9
1986 1987	6.06	6	6.07	6	6.09	8	6.12	8	6.15	8	6.22	8	6.24	8	6.34	8	6.83	5
1987 1988	6.07	7	6.07	7	6.08	6	6.08	6	6.10	6	6.16	7	6.18	7	6.19	5	6.30	4
1989 1990	5.96	4	5.96	4	5.97	4	5.99	4	6.04	4	6.08	4	6.12	4	6.27	7	7.18	8
1990 1991	5.67	1	5.67	1	5.67	1	5.68	1	5.69	1	5.71	1	5.73	1	5.75	1	5.83	1
1991 1992	6.07	8	6.07	8	6.08	7	6.08	7	6.10	7	6.11	6	6.14	6	6.22	6	7.12	7

AUCILLA RIVER BASIN  
02326512 AUCILLA RIVER NEAR SCANLON, FL--Continued

**HIGHEST MEAN ELEVATION, IN FEET, AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS  
FOR PERIOD OCT TO SEP**

WATER YEAR		1		3		7		15		30		60		90		120		183	
RANGE																			
1977	1977	21.2	4	21.2	4	21.2	4	21.1	4	20.7	4	20.0	3	18.1	4	18.0	3	14.8	3
1978	1978	20.2	6	20.2	6	20.0	6	19.3	6	17.5	6	15.4	6	13.8	6	12.6	6	10.7	6
1980	1980	21.1	5	21.0	5	20.8	5	20.3	5	19.5	5	17.9	5	15.0	5	13.6	5	12.0	5
1981	1981	19.5	7	19.5	7	19.1	7	18.0	8	17.0	7	15.3	7	13.1	7	11.5	7	9.95	7
1982	1982	12.4	10	12.4	10	12.1	10	11.3	10	10.5	10	9.89	10	9.80	10	9.22	9	8.87	9
1986	1986	23.1	2	23.1	2	23.0	2	22.6	2	21.1	3	18.4	4	18.9	2	18.4	2	15.4	2
1987	1987	22.3	3	22.2	3	22.2	3	21.9	3	21.2	2	20.5	2	20.4	1	20.3	1	17.2	1
1989	1989	13.6	9	13.5	9	12.9	9	12.6	9	11.6	9	11.2	9	9.90	9	8.99	10	8.18	10
1990	1990	19.4	8	19.3	8	19.0	8	18.0	7	15.9	8	13.0	8	12.0	8	11.0	8	9.40	8
1991	1991	23.3	1	23.3	1	23.2	1	22.9	1	21.8	1	20.8	1	18.9	3	17.1	4	14.5	4

**LOWEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD APR TO MAR**

WATER YEAR		1		3		7		14		30		60		90		120		183	
RANGE																			
1977	1978	36.0	5	36.0	5	36.7	5	41.5	5	47.5	6	56.7	9	57.6	6	65.7	6	67.9	3
1978	1979	42.0	6	42.0	6	42.4	6	43.8	6	46.9	5	48.8	5	55.7	5	62.1	5	96.0	6
1979	1980	51.0	14	51.3	14	52.3	13	54.1	12	68.1	14	86.0	13	133	14	144	14	136	7
1980	1981	55.0	15	56.3	15	57.6	15	65.6	15	102	15	123	15	155	15	166	15	177	10
1981	1982	31.0	2	31.7	2	32.7	2	34.4	2	36.8	2	40.0	2	41.8	2	49.6	2	49.2	2
1982	1983	50.0	12	50.0	12	50.1	10	50.3	10	55.4	11	73.4	11	102	12	119	12	221	14
1983	1984	68.0	16	72.0	16	76.9	16	84.5	16	108	16	144	16	169	16	220	16	342	16
1984	1985	46.0	8	46.3	8	47.1	7	47.9	7	49.9	8	51.0	6	51.2	3	53.6	3	67.9	4
1985	1986	34.0	3	34.0	3	34.6	3	36.8	3	41.1	3	47.3	3	61.7	9	77.5	8	246	15
1986	1987	50.0	13	51.0	13	52.4	14	55.7	13	61.7	12	76.2	12	80.9	11	98.6	11	166	9
1987	1988	47.0	9	47.0	9	47.4	9	47.9	8	50.3	9	58.2	10	60.3	8	61.7	4	85.4	5
1988	1989	45.0	7	45.7	7	47.3	8	48.6	9	49.6	7	53.0	7	62.8	10	87.6	10	139	8
1989	1990	34.0	4	34.7	4	36.6	4	38.4	4	43.4	4	47.9	4	54.5	4	81.1	9	219	13
1990	1991	17.0	1	17.0	1	17.1	1	17.4	1	17.7	1	18.7	1	19.9	1	21.1	1	27.8	1
1991	1992	49.0	10	49.3	10	50.1	11	51.7	11	53.2	10	55.1	8	58.6	7	72.3	7	215	12
1992	1993	49.0	11	49.3	11	50.9	12	56.9	14	64.4	13	89.8	14	124	13	144	13	179	11

**HIGHEST MEAN DISCHARGE, IN CUBIC FEET PER SECOND, AND RANKING FOR THE FOLLOWING NUMBER OF  
CONSECUTIVE DAYS FOR PERIOD OCT TO SEP**

WATER YEAR		1		3		7		15		30		60		90		120		183	
RANGE																			
1977	1977	2760	6	2747	6	2711	6	2687	6	2473	6	2233	6	1850	6	1832	6	1341	6
1978	1978	2260	9	2227	9	2143	9	1951	9	1611	9	1273	8	1039	8	891	8	660	8
1979	1979	1570	12	1550	12	1499	12	1416	12	1285	12	1010	12	832	13	754	12	559	11
1980	1980	2570	7	2553	7	2547	7	2330	7	2084	7	1770	7	1339	7	1126	7	909	7
1981	1981	2000	10	1967	10	1871	11	1658	11	1520	10	1257	9	972	9	765	10	572	9
1982	1982	854	17	853	17	814	17	717	17	628	17	568	17	556	16	485	15	443	14
1983	1983	4750	4	4657	4	4440	4	4023	4	3405	3	3090	3	2539	3	2199	4	1680	4
1984	1984	7220	1	7097	1	6686	1	5789	1	4481	1	3647	1	2991	1	2564	1	2026	1
1985	1985	1230	15	1213	15	1209	15	1153	14	867	15	590	16	433	17	338	17	246	17
1986	1986	5470	3	5403	3	5190	3	4477	3	3306	4	2297	5	2332	5	2107	5	1562	5
1987	1987	3610	5	3600	5	3533	5	3259	5	2761	5	2492	4	2502	4	2439	2	1857	2
1988	1988	2460	8	2437	8	2356	8	2097	8	1781	8	1204	10	909	11	716	13	495	13
1989	1989	1080	16	1053	16	981	16	933	16	808	16	755	15	587	15	459	16	348	16
1990	1990	1970	11	1953	11	1886	10	1712	10	1401	11	1031	11	891	12	759	11	532	12
1991	1991	6200	2	6130	2	5794	2	4995	2	3843	2	3562	2	2848	2	2369	3	1757	3
1992	1992	1380	14	1350	14	1266	14	1125	15	988	14	815	14	677	14	542	14	401	15
1993	1993	1550	13	1533	13	1491	13	1404	13	1172	13	992	13	945	10	785	9	571	10

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**STATISTICAL SUMMARIES OF HYDROLOGIC DATA  
FOR LAKES**

ST. MARYS RIVER BASIN  
02228700 OCEAN POND AT OLUSTEE, FL

LOCATION.--LAT 30°12'55", long 82°26'31", in SW<sup>1</sup>/<sub>4</sub> sec.20, T.3 S., R. 19 E., Baker County, Hydrologic Unit 03070204, on south shore on private dock, 1.2 mi northwest of Olustee and 11.3 mi east of Lake City.

SURFACE AREA.--1,793 acres.

DRAINAGE AREA.--13.1 mi<sup>2</sup>.

PERIOD OF RECORD.--December 1974 to September 1993 (intermittent).

GAGE.- Nonrecording gage. Datum of gage is 150.40 ft National Geodetic Vertical Datum of 1929. Gage readings have been reduced to elevations NGVD.

REMARKS.--Some natural diversion flow to the Suwannee River basin at times.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum observed elevation, 156.20 ft Feb. 25, 1988; minimum observed, 153.34 ft Jan. 3, 1991.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1976	154.77	154.55	154.40	154.46	154.55	154.53	154.40	154.35	154.63	154.96	154.87	155.01
1977	154.81	154.66	154.88	155.32	155.45	155.23	154.76	154.30	154.12	153.93	153.85	154.17
1978	154.16	154.07	155.07	155.16	155.15	155.34	154.76	155.11	154.85	154.68	155.06	154.40
1979	154.00	153.78	153.80	154.14	154.59	154.40	154.62	154.54	154.40	154.20	154.24	155.68
1980	155.02	154.80	154.78	154.84	154.94	155.75	155.30	155.22	154.90	155.22	154.88	154.59
1981	154.58	154.48	154.42	154.20	154.99	154.91	154.72	154.20	*	154.36	154.46	154.96
1982	154.36	*	154.56	154.89	154.88	*	155.19	154.78	155.30	155.06	155.35	155.15
1985	155.28	*	*	*	155.18	*	*	*	154.28	155.34	*	155.90
1986	155.28	*	155.21	155.74	155.90	155.65	155.30	154.76	154.66	154.52	154.42	154.73
1987	154.46	154.40	155.10	155.82	156.00	156.01	155.28	154.95	154.78	154.82	155.76	155.50
1988	155.04	155.10	154.93	155.30	156.20	155.72	155.26	154.94	154.58	154.40	154.86	155.58
1989	155.16	155.20	155.06	154.98	154.82	154.90	154.60	154.68	154.68	154.70	154.64	155.04
1990	154.90	154.78	154.75	154.96	154.96	154.90	154.90	154.54	154.24	154.26	153.98	153.64
1991	153.70	153.55	153.36	153.34	154.00	*	155.00	155.70	155.45	155.43	155.82	155.68
1992	155.42	*	154.67	154.60	*	154.99	154.78	*	154.38	154.46	155.04	155.00
1993	155.22	155.10	*	155.48	155.74	155.66	155.20	154.60	154.40	154.66	154.20	154.18

\* Indicates a no-value month

Statistics on Normal monthly means (All days)

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
Number	16.00	12.00	14.00	15.00	15.00	13.00	15.00	14.00	15.00	16.00	15.00	16.00
Mean	154.76	154.54	154.64	154.88	155.16	155.23	154.94	154.76	154.64	154.69	154.76	154.95
Var	0.28	0.29	0.29	0.44	0.37	0.26	0.12	0.17	0.16	0.20	0.36	0.43
Std	0.53	0.54	0.54	0.66	0.61	0.51	0.34	0.41	0.40	0.45	0.60	0.66
Skew	-29.08	-31.52	-36.26	5.85	13.10	4.24	-161.13	25.52	-10.46	-17.17	2.97	-11.62
Cvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

WACCASASSA RIVER BASIN

02229400 PALESTINE LAKE NEAR OLUSTEE, FL

LOCATION.--Lat 30°07'46", long 82°24'34", in NW<sup>1</sup>/<sub>4</sub> sec.22, T.4 S., R.19 E., Union County, Hydrologic Unit 03070204, on south side of private dock on northeastern shore, 6.2 mi south of Olustee.

SURFACE AREA.--910 acres.

DRAINAGE AREA.--13.1 mi<sup>2</sup>

PERIOD OF RECORD.--August 1975 to September 1993 (intermittent).

GAGE.--Nonrecording gage. Datum of gage is 133.94 ft National Geodetic Vertical Datum of 1929 (levels by Suwannee River Water Management District). Gage readings have been reduced to elevation NGVD.

REMARKS.--Formerly known as South Prong Pond near Lake Butler. Surface outlet through South Prong swamp to South Prong St. Marys River. Outflow into Olustee Creek will occur at elevations above 145 ft.

COOPERATION.--Gage readings are furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum observed elevation, 145.24 ft Oct. 5, 1992; minimum observed, 141.14 ft Sept. 25, 1989.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1975	*	*	*	*	*	*	*	*	*	*	144.26	144.03
1978	*	*	*	*	*	144.22	143.92	144.18	143.78	143.74	144.18	143.66
1979	*	142.96	*	143.20	143.62	143.89	143.98	143.64	143.54	143.48	*	143.66
1980	143.82	*	143.63	143.76	143.84	144.80	144.34	144.20	144.14	144.02	144.18	144.03
1981	143.64	143.70	143.58	143.52	143.44	143.82	143.94	143.31	143.06	143.19	*	144.00
1982	143.50	143.25	143.38	143.78	143.80	143.70	144.42	143.94	143.70	143.79	144.26	144.02
1985	143.92	144.24	144.24	144.08	144.09	144.02	143.90	143.70	143.35	143.94	143.84	144.62
1989	*	*	*	*	*	*	*	*	*	142.92	142.92	142.12
1990	143.12	142.90	142.76	142.93	142.96	142.94	142.96	142.61	142.64	142.62	142.40	142.20
1991	141.99	141.70	141.59	141.76	142.49	143.25	143.92	144.15	144.01	144.10	144.26	143.99
1992	143.88	143.68	143.36	143.26	143.44	143.70	143.84	143.61	143.62	143.61	143.79	144.23
1993	144.58	143.95	143.79	143.84	144.34	144.23	144.04	143.46	143.11	143.36	143.32	142.98

\* Indicates a no-value month

Statistics on Normal monthly means (All days)

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
By rows (Number, Mean, Variance, Standard Deviation, Skewness, Coefficient of Variation)												
Number	8.00	8.00	8.00	9.00	9.00	10.00	10.00	10.00	10.00	11.00	10.00	12.00
Mean	143.56	143.30	143.29	143.35	143.56	143.86	143.93	143.68	143.49	143.52	143.74	143.63
Var	0.57	0.65	0.65	0.49	0.33	0.28	0.17	0.24	0.21	0.23	0.44	0.62
Std	0.75	0.80	0.80	0.70	0.57	0.53	0.41	0.49	0.46	0.48	0.66	0.79
Skew	5.73	-9.10	2.64	3.77	-6.38	-12.81	-44.97	0.24	13.00	-6.33	-4.42	1.98
Cvar	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

**SUWANNEE RIVER BASIN**  
02313510 CHUNKY POND NEAR BRONSON, FL

LOCATION.--Lat 29°23'36", long 82°37'19" (base gage), in SW<sup>1</sup>/<sub>4</sub> sec.33, T.12 S., R.17 E., Levy County, Hydrologic Unit 03110101, at southeast end of pond, near center of outlet channel, 200 ft upstream from culvert control and 3.7 mi south of Bronson.

SURFACE AREA.--650 acres.

DRAINAGE AREA.--23 mi<sup>2</sup>, approximately.

PERIOD OF RECORD.--January 1967 to September 1993 (intermittent)..

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark). Supplementary nonrecording gages about 600 ft northeast; 0.5 mi north; and 400 ft west of north gage.

REMARKS.--Lake level outlet is culvert with lift gate in outlet canal. Outflow from lake is through a canal southward to a swampy area called Deerpen Pond and thence through Magee Branch to Waccasassa River.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 56.00 ft Sept. 7, 1967; lake dry at gage during November and December 1977, elevation not determined. Minimum observed since December 1977, 45.80 ft Nov. 18, 1978.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1967	*	*	*	55.39	54.85	*	54.70	54.22	53.82	53.99	55.15	55.87
1968	55.57	55.36	55.24	55.13	54.81	54.54	53.86	53.12	52.91	53.06	53.57	53.71
1969	53.49	53.46	53.21	53.03	52.72	52.99	52.93	52.59	52.34	52.37	52.58	52.51
1970	52.64	52.59	52.93	53.62	54.66	54.66	55.30	54.90	54.95	55.01	55.57	55.51
1971	55.17	54.92	54.71	54.81	54.91	54.92	54.73	54.17	53.54	53.23	54.11	54.78
1972	54.87	54.88	54.85	54.78	54.93	54.65	54.75	54.53	54.31	53.99	54.00	54.20
1973	53.54	53.25	53.57	53.36	53.62	53.75	54.31	53.79	53.56	53.34	53.46	53.36
1974	53.03	52.24	51.85	51.87	*	*	50.89	50.53	50.68	51.29	52.05	52.84
1975	52.62	52.28	52.20	52.24	52.06	51.62	51.36	50.58	49.95	50.35	50.26	50.59
1976	51.31	51.42	51.18	51.40	51.26	50.69	49.98	49.79	49.42	49.50	49.37	49.24
1977	48.85	48.50	48.51	48.90	49.11	49.03	48.44	47.20	47.42	46.79	46.34	46.25
1978	46.32	45.85	47.26	47.28	48.39	49.88	51.42	*	50.53	*	54.12	54.66
1979	54.37	54.00	53.50	54.00	54.20	54.10	53.78	53.98	53.72	52.95	53.23	53.75
1980	53.93	53.72	54.00	54.03	54.31	54.28	54.38	54.56	54.02	54.45	54.95	54.56
1981	54.02	53.66	53.09	52.48	52.41	51.82	*	50.68	49.98	49.61	49.56	49.53
1982	48.96	48.73	48.03	48.02	47.59	47.30	49.81	49.95	50.29	50.97	52.53	54.20
1983	54.26	54.05	53.89	53.83	54.44	54.52	54.36	54.35	54.32	54.39	54.43	54.67
1984	54.61	54.60	54.58	54.80	54.59	54.61	54.66	54.20	54.20	54.78	54.91	54.56
1985	54.32	54.12	53.90	53.69	53.58	52.84	*	52.28	51.57	52.49	52.47	53.71
1986	53.76	53.83	53.82	53.98	53.93	53.98	53.84	53.21	52.36	52.10	52.86	54.36
1987	53.90	53.75	54.20	54.04	54.38	54.56	55.02	54.98	54.36	54.04	54.50	54.36
1988	53.90	*	53.36	*	53.76	54.00	53.74	53.34	53.64	53.20	53.34	*
1989	54.25	54.40	54.40	54.09	53.85	52.27	52.10	52.00	*	*	*	52.30

\* Indicates a no-value month

**Statistics on Normal monthly means (All days)**

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
By rows (Number, Mean, Variance, Standard Deviation, Skewness, Coefficient of Variation)												
Number	22.00	21.00	22.00	22.00	22.00	21.00	21.00	22.00	22.00	21.00	22.00	22.00
Mean	53.08	52.84	52.83	52.94	53.11	52.91	53.06	52.68	52.36	52.47	52.88	53.16
Var	5.24	5.80	4.94	5.04	4.72	4.56	3.98	4.30	4.23	4.33	5.02	5.44
Std	2.29	2.41	2.22	2.25	2.17	2.14	2.00	2.07	2.06	2.08	2.24	2.33
Skew	-1.82	-1.76	-1.56	-1.50	-1.59	-1.33	-1.00	-1.08	-0.80	-1.18	-1.47	-1.68
Cvar	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04

SUWANNEE RIVER BASIN  
02319150 CHERRY LAKE NEAR CHERRY LAKE, FL

LOCATION.--Lat 30°37'06", long 83°25'20", in NE<sup>1</sup>/<sub>4</sub> sec.33, T.3 N., R.9 E., Madison County, Hydrologic Unit 03110203, on west shore on private dock, 2.7 mi northeast of the village of Cherry Lake and 10.2 mi north of Madison.

SURFACE AREA.--483 acres.

DRAINAGE AREA.--1.58 mi<sup>2</sup>.

PERIOD OF RECORD.--November 1974 to September 1993 (intermittent).

GAGE.--Nonrecording gage. Datum of gage is 148.13 ft National Geodetic Vertical Datum of 1929. Gage readings have been reduced to elevations NGVD.

REMARKS.--Lake is landlocked.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 153.97 ft Apr. 15, 1975; minimum observed, 150.81 ft Nov. 30, 1990.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since April 1973, 154.41 ft from high-water mark by owner.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1975	*	152.54	152.60	153.15	153.49	153.45	153.70	153.53	153.30	153.22	153.19	152.99
1976	152.86	152.75	152.70	152.94	153.07	153.15	153.15	153.39	153.31	152.98	152.86	153.07
1977	153.12	153.32	153.45	153.27	153.06	153.06	152.72	152.46	152.14	151.90	151.98	152.21
1978	152.01	151.85	152.03	152.37	152.69	152.94	152.65	152.64	152.56	152.80	152.86	152.45
1979	152.09	151.93	152.23	152.43	152.99	152.99	152.87	152.77	152.53	152.89	153.15	153.09
1980	152.73	152.87	*	153.04	153.03	153.13	*	152.97	*	152.74	152.65	152.41
1981	152.45	152.51	152.53	152.49	152.99	152.95	152.73	152.37	*	152.14	152.09	151.81
1982	151.91	151.79	151.89	152.33	152.59	152.69	152.79	152.53	152.83	153.29	152.95	152.69
1983	152.39	152.39	152.55	152.89	153.23	153.23	153.31	153.09	153.19	152.83	152.73	152.65
1984	152.59	152.81	*	153.43	153.61	153.93	153.31	152.89	152.82	153.21	152.97	152.49
1985	152.27	152.23	152.25	152.39	152.43	152.53	152.41	152.21	152.07	152.35	152.88	153.07
1986	152.61	152.99	153.27	153.13	153.43	152.91	152.41	152.17	*	151.87	152.17	152.03
1987	151.81	*	152.23	153.01	153.11	153.23	152.63	152.41	152.25	152.28	152.35	152.07
1988	151.59	151.87	151.75	*	152.32	152.71	152.53	152.23	*	151.98	152.11	152.73
1990	151.98	151.85	152.31	152.57	152.83	152.73	152.47	152.05	151.85	*	151.47	150.89
1991	150.97	150.81	150.93	152.57	152.57	152.57	152.99	152.59	*	152.90	152.65	152.25
1992	152.19	151.95	152.03	152.71	152.75	152.55	152.23	152.13	*	*	152.45	152.17
1993	152.13	152.39	152.29	152.67	*	152.89	152.59	152.27	152.33	152.21	151.87	151.79

\* Indicates a no-value month

Statistics on Normal monthly means (All days)

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
By rows (Number, Mean, Variance, Standard Deviation, Skewness, Coefficient of Variation												
Number	17.00	17.00	16.00	17.00	17.00	18.00	17.00	18.00	12.00	16.00	18.00	18.00
Mean	152.22	152.29	152.31	152.79	152.95	152.98	152.79	152.59	152.60	152.60	152.52	152.38
Var	0.27	0.38	0.36	0.13	0.14	0.13	0.16	0.21	0.26	0.25	0.25	0.33
Std	0.52	0.62	0.60	0.36	0.38	0.35	0.41	0.46	0.51	0.50	0.50	0.58
Skew	3.32	-17.28	-8.58	-22.92	31.88	42.65	-9.56	-33.64	-11.15	-0.65	-30.20	-16.41
Cvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**SUWANNEE RIVER BASIN**  
02319200 LAKE OCTAHATCHEE NEAR JENNINGS, FL

LOCATION.--Lat 30°36'34", long 83°12'10", in NE<sup>1</sup>/<sub>4</sub> sec.3, T.2 N., R.11 E., Hamilton County, Hydrologic Unit 03110203, on northwest shore on private dock, 5.6 mi west of Jennings, 8.8 mi east of Pinetta.

SURFACE AREA.--198 acres.

DRAINAGE AREA.--3.0 mi<sup>2</sup>, includes 0.1 mi<sup>2</sup> estimated in Georgia.

PERIOD OF RECORD.--November 1974 to September 1993 (intermittent).

GAGE.--Nonrecording gage. Datum of gage is 99.36 ft National Geodetic Vertical Datum of 1929 (levels by Suwannee River Water Management District). Gage readings have been reduced to elevations NGVD.

REMARKS.--Lake level control is lift gates at west end of lake by Lake Co-op (owners).

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum observed elevation, 111.56 ft Mar. 3, 1991, minimum observed 97.23 ft Mar. 11, 1985.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1975	*	102.10	101.24	102.84	105.25	105.14	105.59	105.01	104.92	*	*	103.26
1976	*	100.80	*	100.21	100.98	102.58	*	103.85	*	*	104.18	*
1977	*	106.58	106.04	105.80	104.86	*	*	103.84	102.84	*	102.46	*
1978	102.42	*	*	*	103.30	105.24	*	104.18	103.42	104.38	106.08	102.67
1979	102.04	100.84	*	*	101.96	103.99	103.58	103.68	103.54	103.44	102.78	102.67
1980	100.58	100.63	100.56	101.62	*	101.72	103.90	103.38	102.72	102.72	102.75	102.98
1981	102.62	102.30	101.86	101.12	100.79	102.94	105.02	103.44	101.74	102.61	*	102.96
1982	102.18	101.94	*	100.36	102.56	102.91	104.08	104.18	102.72	102.65	104.76	103.37
1983	102.72	99.86	*	*	*	103.30	105.82	105.72	105.14	105.98	104.68	103.27
1984	*	101.70	102.96	105.72	*	105.88	*	*	*	*	*	*
1985	*	*	*	*	97.75	97.95	99.82	100.25	100.26	100.99	102.33	102.68
1986	102.36	102.49	103.53	104.75	106.27	105.67	104.30	102.74	102.60	102.34	102.40	102.21
1987	105.63	105.82	107.02	109.67	110.01	110.04	109.80	108.28	106.78	106.63	106.39	106.38
1988	106.29	105.38	105.65	105.64	106.87	108.84	107.82	106.92	104.91	102.11	100.36	106.35
1989	108.08	107.15	106.35	105.08	103.04	101.35	*	*	*	99.37	99.37	*
1990	*	*	*	101.10	104.31	107.26	107.54	105.68	103.08	99.40	*	*
1991	*	*	*	107.27	109.81	110.95	109.51	108.99	108.33	108.77	109.69	108.61
1992	107.99	107.37	106.50	106.62	108.41	108.78	108.40	107.59	106.97	107.29	107.41	107.78
1993	107.94	107.34	106.98	108.78	109.00	108.81	108.14	106.81	106.23	105.99	105.86	105.64

\* Indicates a no-value month

Statistics on Normal monthly means (All days)

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
Number	12.00	15.00	11.00	15.00	16.00	18.00	14.00	17.00	16.00	15.00	15.00	14.00
Mean	104.24	103.49	104.43	104.44	104.70	105.19	105.95	104.97	104.14	103.64	104.10	104.34
Var	7.54	7.67	6.01	9.41	12.57	11.91	7.62	4.99	4.68	7.89	7.43	4.61
Std	2.75	2.77	2.45	3.07	3.55	3.45	2.76	2.23	2.16	2.81	2.73	2.15
Skew	0.43	0.38	-0.49	0.01	-0.14	-0.13	-0.63	-0.03	0.22	0.18	0.15	0.94
Cvar	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.02	0.02	0.03	0.03	0.02

SUWANNEE RIVER BASIN  
02320200 TOWNSEND POND NEAR MAYO, FL

LOCATION.--Lat 30°02'27", long 83°07'11", in NE<sup>1</sup>/<sub>4</sub> sec.21, T.5 S., R.12 E., Lafayette County, Hydrologic Unit 03110205, on county pier, 235 ft north of peninsula on west shore, 1.4 mi southeast of Alton, 3.5 mi southeast of Mayo.

SURFACE AREA.--111 acres.

DRAINAGE AREA.--6.40 mi<sup>2</sup>.

PERIOD OF RECORD.--November 1974 to September 1993 (intermittent).

GAGE.--Nonrecording gage. Datum of gage 67.44 ft National Geodetic Vertical Datum of 1929 (levels by Suwannee River Water Management District). Gage readings have been reduced to elevations NGVD.

REMARKS.--Lake is landlocked. Locally known as Koon Lake.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 73.17 ft Aug. 8, 1980; minimum observed, 67.24 ft Oct. 16, 1990.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1975	*	71.05	70.96	*	72.06	72.09	72.00	71.64	71.36	*	72.39	72.63
1976	72.35	72.12	71.78	71.94	72.08	71.82	*	*	*	71.06	*	71.02
1977	*	70.64	*	71.66	*	72.04	*	71.04	70.49	*	70.79	*
1978	*	*	*	*	72.19	*	71.76	72.20	71.94	72.43	*	71.91
1979	*	70.86	70.61	70.66	71.04	*	*	72.04	71.35	70.89	70.98	71.69
1980	*	*	72.12	*	*	72.74	72.46	72.14	71.98	72.00	73.17	72.80
1981	71.74	71.86	71.86	71.54	71.32	72.00	71.66	70.99	70.42	70.13	*	70.23
1982	69.57	69.23	*	69.72	69.78	69.79	71.09	71.18	70.64	71.38	72.32	72.00
1985	*	70.78	70.36	70.14	70.00	69.69	*	69.99	68.15	67.91	*	*
1986	69.62	70.62	*	*	*	*	*	*	*	*	70.52	70.32
1987	69.70	*	70.84	71.89	72.44	*	71.94	71.42	71.02	*	71.28	71.50
1988	70.42	70.99	69.96	69.92	70.82	71.18	70.86	70.39	*	69.19	69.39	70.54
1989	71.22	*	70.06	69.62	69.16	68.76	68.38	67.94	67.80	68.02	68.53	68.88
1990	69.24	68.88	68.94	69.00	69.04	68.92	68.56	67.99	67.73	68.22	67.53	*
1991	67.24	*	*	*	*	69.74	70.13	70.66	*	70.71	71.72	71.62
1992	70.80	70.46	70.22	69.88	70.04	70.02	69.40	68.82	68.40	67.68	69.08	69.28
1993	69.92	69.80	69.50	70.08	70.32	71.70	70.52	70.10	69.32	69.00	68.30	67.90

\* Indicates a no-value month

Statistics on Normal monthly means (All days)

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
Number	11.00	12.00	12.00	12.00	13.00	13.00	12.00	15.00	13.00	13.00	13.00	14.00
Mean	70.17	70.61	70.60	70.50	70.79	70.81	70.73	70.57	70.05	69.89	70.46	70.88
Var	1.92	0.90	0.94	1.01	1.37	1.84	1.87	1.94	2.47	2.72	3.10	2.08
Std	1.39	0.95	0.97	1.01	1.17	1.36	1.37	1.39	1.57	1.65	1.76	1.44
Skew	-0.47	-0.64	-0.22	0.37	-0.02	-0.14	-0.64	-0.93	-0.41	0.10	-0.22	-0.75
Cvar	0.02	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

SUWANNEE RIVER BASIN  
02320230 PICKETT LAKE NEAR BRANFORD, FL

LOCATION.--Lat. 29°59'18", long 83°02'53", in SW<sup>1</sup>/<sub>4</sub> sec.5, T.6 S., R.13 E., Lafayette County, Hydrologic Unit 03110205, on north shore of southwest lobe of lake 1.7 mi southwest of U.S. 27, and 7.5 mi west of Branford.

SURFACE AREA.--88 acres.

DRAINAGE AREA.--6.5 mi<sup>2</sup> approximately.

PERIOD OF RECORD.--September 1977 to September 1993 (intermittent).

GAGE.--Nonrecording gage. Datum of gage is 48.12 ft National Geodetic Vertical Datum of 1929. Gage readings have been reduced to elevations NGVD.

REMARKS.--Drainage divides are poorly defined and lake interconnects with Adams Lake and adjacent areas during high stage.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 58.12 ft July 27, 1980; minimum observed, 48.20 ft May 15, 1989.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1977	*	*	*	*	*	*	*	*	*	*	*	53.67
1979	*	*	*	*	*	*	*	*	*	*	*	56.69
1980	56.54	55.89	56.14	56.08	56.38	56.94	56.78	56.45	55.99	56.83	56.82	56.20
1981	55.36	56.01	55.63	54.82	55.11	56.21	55.40	54.26	53.17	53.42	54.27	54.56
1982	53.45	53.01	52.94	54.40	55.68	56.15	56.81	55.78	54.87	56.27	56.69	56.42
1985	*	54.99	54.22	53.72	53.49	*	52.75	52.50	50.45	48.46	50.88	56.50
1986	56.30	56.80	56.36	56.76	56.68	56.50	55.84	54.92	54.49	54.45	54.11	54.41
1987	53.68	53.40	54.45	56.65	56.85	56.84	56.50	55.87	55.03	54.74	54.15	53.50
1988	52.70	*	51.83	*	52.36	54.88	54.57	53.45	52.22	51.67	52.03	56.20
1989	56.33	55.80	55.32	54.52	53.72	53.10	52.33	49.61	48.30	48.33	48.43	52.62
1990	52.88	51.74	*	50.37	50.29	51.29	50.49	49.51	48.94	*	*	*
1991	*	*	*	*	48.64	55.15	55.36	55.46	55.51	55.07	56.11	55.05
1992	54.47	53.94	53.37	52.94	52.85	52.59	51.97	50.82	50.33	49.57	50.31	51.08
1993	52.54	52.35	52.07	52.74	54.51	55.39	54.85	53.27	52.83	51.97	51.08	50.66

\* Indicates a no-value month

Statistics on Normal monthly means (All days)

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
By rows (Number, Mean, Variance, Standard Deviation, Skewness, Coefficient of Variation												
Number	10.00	10.00	10.00	10.00	12.00	11.00	13.00	13.00	13.00	12.00	12.00	13.00
Mean	54.42	54.39	54.23	54.30	53.88	55.00	54.60	53.69	52.85	52.94	53.35	54.43
Var	2.55	3.03	2.69	3.90	6.54	3.56	4.23	5.97	6.77	8.58	7.57	4.18
Std	1.60	1.74	1.64	1.98	2.56	1.89	2.06	2.44	2.60	2.93	2.75	2.05
Skew	0.21	-0.19	-0.23	-0.60	-0.80	-0.99	-0.78	-0.71	-0.57	-0.49	-0.35	-0.67
Cvar	0.03	0.03	0.03	0.04	0.05	0.03	0.04	0.05	0.05	0.06	0.05	0.04

SUWANNEE RIVER BASIN  
02320275 LOW LAKE NEAR WELLBORN, FL

LOCATION.--Lat 30°13'16", long 82°50'14", in SW<sup>1</sup>/<sub>4</sub> sec.17, T.3 S., R.15 E., Suwannee County, Hydrologic Unit 03110205, on west shore on private dock, 1.0 mi southwest of Wellborn.

SURFACE AREA.--69 acres.

DRAINAGE AREA.--2.89 mi<sup>2</sup>.

PERIOD OF RECORD.--November 1974 to September 1993 (intermittent).

GAGE.--Nonrecording gage. Datum of gage is 143.80 ft National Geodetic Vertical Datum of 1929. Gage readings have been reduced to elevations NGVD.

REMARKS.--Lake is landlocked.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 151.90 ft Oct. 14, 1986; minimum observed, 147.06 ft Nov 19, 1987.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1975	*	147.63	*	*	*	147.95	147.92	*	*	148.61	*	148.38
1976	148.22	148.10	148.01	148.10	148.12	148.14	147.98	148.31	147.92	147.95	*	148.16
1977	*	*	*	148.26	148.68	148.26	*	147.54	147.29	*	147.90	*
1978	147.68	*	*	*	148.32	148.16	147.84	148.02	147.68	147.98	148.10	147.66
1979	147.68	*	147.57	148.25	148.24	*	149.00	147.80	147.80	147.90	147.92	*
1980	147.72	148.03	148.34	148.39	148.52	148.46	148.32	148.31	147.78	149.00	147.94	147.60
1981	147.98	148.10	147.90	147.98	148.34	147.96	147.64	147.26	147.38	147.60	148.60	147.68
1982	147.56	147.88	148.16	148.15	148.36	148.20	147.88	151.00	148.22	148.64	148.28	148.02
1983	147.72	147.78	147.90	148.38	148.16	148.36	148.12	147.80	148.15	147.70	147.60	148.00
1984	147.66	148.10	148.36	148.26	147.94	147.90	147.96	147.66	148.06	148.16	148.40	*
1985	*	*	*	*	*	148.00	147.90	147.80	148.01	148.06	148.07	148.80
1986	147.95	*	148.10	148.15	148.10	148.12	*	147.70	147.60	147.90	147.80	147.80
1987	150.87	148.50	148.70	*	148.55	148.12	*	*	*	147.80	148.04	*
1988	147.34	147.57	*	148.69	149.22	*	148.24	148.11	*	147.66	147.78	148.19
1989	148.05	147.94	*	*	*	*	148.46	148.52	148.56	*	147.90	*
1990	147.76	147.68	147.99	148.82	149.00	*	148.38	148.37	148.26	149.10	149.02	148.95
1991	149.13	149.08	148.86	149.14	148.96	149.45	149.31	148.56	149.24	148.55	148.72	148.50
1992	*	148.87	148.92	148.81	148.74	*	148.70	148.40	148.55	148.91	*	148.63
1993	*	149.00	*	148.18	149.49	149.75	149.54	149.08	148.93	*	149.52	149.56

\* Indicates a no-value month

Statistics on Normal monthly means (All days)

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
By rows (Number, Mean, Variance, Standard Deviation, Skewness, Coefficient of Variation												
Number	14.00	14.00	12.00	14.00	16.00	14.00	16.00	17.00	16.00	16.00	16.00	14.00
Mean	148.09	148.16	148.23	148.40	148.55	148.34	148.32	148.25	148.09	148.22	148.22	148.28
Var	0.83	0.27	0.18	0.12	0.20	0.32	0.33	0.72	0.30	0.27	0.29	0.34
Std	0.91	0.52	0.43	0.34	0.45	0.56	0.57	0.85	0.54	0.52	0.54	0.58
Skew	-2.33	-33.82	7.35	39.66	-20.17	0.53	-15.53	-1.65	-3.69	-5.55	-18.91	-22.33
Cvar	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00

**SUWANNEE RIVER BASIN**  
02320600 SANTA FE LAKE NEAR KEYSTONE HEIGHTS, FL

LOCATION.--Lat 29°45'38", long 82°04'30", in NW<sup>1</sup>/<sub>4</sub> sec.35, T.8 S., R.22 E., Bradford County, Hydrologic Unit 03110206, on north shore of lake, on west side of private dock, 3.1 mi southwest of Keystone Heights.

SURFACE AREA.--5,299 acres, open water only, includes that of Little Santa Fe Lake.

DRAINAGE. AREA.--20.9 mi<sup>2</sup>, includes that of Little Santa Fe Lake.

PERIOD OF RECORD.--July 1957 to September 1993 (intermittent).

REVISED RECORDS.--WSP 2105: Drainage area, surface area.

GAGE.--Nonrecording gage. Datum of gage is 132.22 ft National Geodetic Vertical Datum of 1929. Gage readings have been reduced to elevations NGVD.

REMARKS.--Lake is the headwaters of the Santa Fe River and has continuous outflow.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 142.72 ft Aug. 25, 1978 from highwater mark; minimum observed, 137.76 ft Dec. 31, 1990.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since 1946, 143.9 ft, furnished by Department of Transportation, from information by local residents.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1957	*	*	*	*	*	*	*	*	*	138.54	139.06	139.07
1958	139.31	139.03	138.93	138.93	139.00	139.68	140.25	140.35	140.13	140.29	140.40	140.42
1959	140.16	140.32	140.43	140.94	141.15	142.00	142.27	141.78	141.93	141.69	141.45	141.78
1960	141.65	141.10	140.68	140.54	140.49	141.07	141.37	140.88	140.55	141.27	141.86	141.81
1961	142.05	141.58	141.02	140.83	140.99	141.01	140.75	140.52	140.39	140.85	141.72	141.90
1962	141.18	140.99	140.71	140.62	140.52	*	140.42	*	139.70	*	139.99	140.13
1963	*	139.69	*	139.60	*	140.14	139.77	139.76	139.38	139.94	*	140.36
1964	140.34	*	140.17	141.03	*	141.85	*	*	140.47	*	140.61	142.21
1965	141.70	140.83	*	140.99	*	141.36	140.92	*	140.14	*	140.84	140.79
1966	140.73	140.41	140.59	140.56	140.80	141.29	140.83	140.81	140.93	140.77	141.08	140.97
1967	141.21	140.72	140.52	140.62	140.88	140.91	140.52	140.33	140.35	140.75	141.09	140.88
1968	140.46	140.11	140.06	140.10	139.94	139.81	139.64	139.35	139.42	139.52	139.59	140.46
1969	140.38	140.31	140.15	140.07	140.14	140.40	140.54	140.25	139.99	139.86	140.08	140.31
1970	140.82	140.86	140.91	141.35	142.17	141.86	142.08	141.23	140.96	140.93	140.88	140.89
1971	140.58	140.29	140.06	140.21	140.34	140.39	140.31	140.18	139.88	140.04	140.34	140.63
1972	140.44	140.41	140.57	140.72	*	140.72	141.02	141.01	141.72	141.65	141.18	141.62
1973	141.01	140.90	141.00	141.10	141.22	141.20	141.65	141.22	141.17	141.17	141.18	141.20
1974	140.92	140.51	140.56	140.63	140.51	140.34	140.26	140.11	140.32	140.77	141.02	141.36
1975	140.90	140.40	140.44	140.62	140.82	140.85	140.66	140.42	140.27	140.35	140.50	140.53
1976	140.73	140.48	140.34	140.38	140.52	140.19	139.75	139.91	140.09	140.34	140.13	140.06
1977	139.76	139.50	139.66	139.84	140.13	140.65	140.15	139.71	139.66	139.42	139.25	139.54
1978	139.12	138.82	138.95	139.29	139.92	140.89	140.32	140.22	140.42	140.70	142.72	141.70
1979	141.02	140.41	140.39	140.63	141.04	141.04	140.98	141.01	140.73	140.35	140.30	140.47
1980	140.44	140.35	140.61	140.92	141.19	141.16	141.13	140.85	140.57	140.41	140.67	140.41
1981	139.80	139.95	139.77	139.55	139.57	140.15	140.05	139.50	139.08	139.12	139.58	139.80
1982	139.63	139.60	139.51	139.86	140.29	140.61	140.99	140.87	140.88	140.94	140.72	140.58
1983	140.58	140.55	140.42	140.38	140.69	141.32	141.63	*	*	141.24	141.06	140.99
1984	140.96	140.92	141.04	141.49	141.34	141.62	*	*	*	*	141.12	140.97
1985	140.69	140.54	140.44	140.10	140.86	139.57	*	139.71	139.54	139.58	140.15	141.18
1986	141.02	140.81	140.73	140.62	140.75	141.38	141.08	140.74	140.32	140.27	140.49	140.46
1987	*	139.87	140.15	140.42	141.01	141.55	141.80	141.27	140.94	140.61	140.51	140.57
1988	139.89	139.91	139.78	139.88	140.72	140.94	141.64	140.72	140.32	140.04	139.88	141.06
1989	140.92	140.72	140.63	140.52	140.29	140.25	140.04	139.80	139.60	*	139.48	139.41
1990	139.35	139.05	138.97	139.05	139.20	139.31	139.13	139.78	138.72	138.82	138.72	138.37
1991	138.17	137.97	137.85	137.84	138.01	138.39	138.54	138.88	139.25	139.64	140.52	140.54
1992	140.23	139.91	139.67	139.57	139.87	140.16	140.03	139.69	139.89	139.86	140.25	140.61
1993	141.12	140.88	140.65	140.74	140.73	141.13	141.11	140.55	140.25	140.10	139.81	139.69

\* Indicates a no-value month

Statistics on Normal monthly means (All days)

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
By rows	(Number, Mean, Variance, Standard Deviation, Skewness, Coefficient of Variation)											
Number	34.00	35.00	34.00	36.00	32.00	35.00	33.00	31.00	34.00	32.00	36.00	37.00
Mean	140.51	140.25	140.19	140.29	140.47	140.72	140.66	140.37	140.23	140.31	140.51	140.64
Var	0.65	0.56	0.52	0.57	0.64	0.64	0.72	0.45	0.50	0.61	0.69	0.70
Std	0.81	0.75	0.72	0.75	0.80	0.80	0.85	0.67	0.71	0.78	0.83	0.84
Skew	-2.19	-5.85	-5.94	-1.88	-9.47	-6.08	-7.24	-4.88	7.76	-10.03	0.36	-10.18
Cvar	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01

SUWANNEE RIVER BASIN  
02320630 LAKE ALTHO AT WALDO, FL

LOCATION.--Lat 29°47'19", long 82°09'41", in NW<sup>1</sup>/<sub>4</sub> sec.24, T.8 S., R.21 E., Alachua County, Hydrologic Unit 03110206, on dock at head of canal on north-west shore of lake, 0.4 mi (0.6 km) east of Waldo, and 5.3 mi southwest of Hampton.

SURFACE AREA.--555 acres.

DRAINAGE AREA.--3.39 mi<sup>2</sup>.

PERIOD OF RECORD.--March 1976 to September 1993 (intermittent).

REVISED RECORDS.--WDR FL-78-4: 1976-77.

GAGE.--Nonrecording gage. Datum of gage is 122.62 ft, National Geodetic Vertical Datum of 1929; gage readings have been reduced to elevations NGVD.

REMARKS.--Lake interconnects with Santa Fe Lake (02320600) through Santa Fe canal on southeast end of lake.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 143.38 ft Feb. 15, 1993; minimum observed, 136.86 ft Dec. 3, 1990.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1976	*	*	*	*	*	140.20	140.07	140.03	140.27	140.34	140.23	140.18
1977	139.88	139.54	139.75	140.26	140.39	140.48	140.17	139.74	139.50	139.47	139.34	139.52
1978	139.34	138.90	139.01	139.56	140.10	140.53	140.42	140.33	140.38	140.46	140.98	140.99
1979	140.21	140.01	140.25	140.78	141.02	140.78	140.92	140.78	138.62	140.46	140.57	140.64
1980	140.54	140.44	140.74	141.06	141.01	141.05	141.10	140.85	139.80	140.74	140.67	140.22
1981	140.10	140.00	139.73	139.70	140.26	140.04	139.66	139.30	139.80	139.30	140.52	139.63
1982	139.50	139.50	139.70	140.20	140.36	140.52	140.36	140.50	140.68	140.20	140.26	*
1983	140.46	140.40	140.40	*	140.84	140.98	140.38	140.44	140.80	140.20	140.26	*
1984	140.67	140.74	140.98	140.98	141.06	140.50	140.58	140.69	140.67	140.73	140.65	140.66
1985	140.44	140.40	140.38	140.33	*	140.26	139.91	139.84	139.71	139.94	140.55	*
1986	*	*	*	*	140.96	*	*	*	*	*	*	*
1987	*	*	*	*	*	*	*	*	*	*	*	140.74
1988	140.14	*	140.44	140.72	141.22	141.14	140.94	140.74	140.34	140.24	140.52	140.96
1989	*	140.76	*	140.69	*	140.49	140.22	139.93	140.04	140.07	139.95	139.83
1990	139.60	139.44	139.40	139.47	139.53	139.61	139.54	138.61	138.98	139.30	139.00	138.72
1991	138.50	138.01	136.86	137.97	138.46	139.00	139.13	139.34	139.68	139.60	140.11	140.41
1992	*	*	*	*	139.89	139.95	139.86	139.61	139.82	139.85	139.95	140.27
1993	140.50	140.28	140.23	140.29	141.09	140.45	140.51	140.31	140.32	139.95	139.60	139.60

\* Indicates a no-value month

Statistics on Normal monthly means (All days)

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
By rows (Number, Mean, Variance, Standard Deviation, Skewness, Coefficient of Variation)												
Number	13.00	13.00	13.00	13.00	14.00	16.00	16.00	16.00	16.00	16.00	16.00	14.00
Mean	139.99	139.88	139.84	140.15	140.44	140.37	140.24	140.06	139.96	140.05	140.20	140.17
Var	0.39	0.63	1.10	0.71	0.60	0.31	0.30	0.42	0.38	0.22	0.29	0.42
Std	0.63	0.79	1.05	0.84	0.77	0.56	0.55	0.65	0.62	0.47	0.54	0.65
Skew	-9.17	-1.28	-1.53	-4.84	4.70	-6.53	-18.14	-4.26	-10.29	-13.54	-6.69	-4.50
Cvar	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SUWANNEE RIVER BASIN  
02320742 LAKE ROWELL NEAR STARKE, FL

LOCATION.--Lat 29°55'16", long 82°10'01", in NE<sup>1</sup>/<sub>4</sub> sec.2, T.7 S., R.21 E., Bradford County, Hydrologic Unit 03110206, on west shore at canal, 2.5 mi east of Sampson City, and 3.8 mi southwest of Starke.

SURFACE AREA.--355 acres.

DRAINAGE AREA.-- mi<sup>2</sup>.

PERIOD OF RECORD.--February 1989 to September 1993.

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Outflow from lake is through Sampson Lake to Santa Fe River.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 135.64 ft April.1991; minimum observed, 129.79 ft September and October 1990.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1989	*	*	*	*	130.64	130.75	130.54	130.33	130.43	130.59	130.60	131.20
1990	131.07	130.87	130.82	131.02	131.08	131.05	130.80	130.44	130.52	130.36	130.10	129.92
1991	129.91	129.94	129.97	130.38	130.88	132.06	133.42	132.34	132.17	131.81	131.89	131.11
1992	131.19	130.68	130.53	130.54	131.01	131.27	131.07	130.99	130.89	130.89	131.16	132.21
1993	133.60	131.28	130.86	130.83	131.04	131.58	131.24	130.50	130.41	130.74	130.42	130.34

\* Indicates a no-value month

Statistics on Normal monthly means (All days)

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
By rows (Number, Mean, Variance, Standard Deviation, Skewness, Coefficient of Variation												
Number	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Mean	131.44	130.69	130.54	130.69	130.93	131.34	131.41	130.92	130.88	130.88	130.83	130.96
Var	2.41	0.32	0.17	0.09	0.03	0.26	1.33	0.70	0.57	0.31	0.50	0.78
Std	1.55	0.57	0.41	0.30	0.18	0.51	1.15	0.84	0.75	0.56	0.71	0.88
Skew	1.33	-5.94	49.22	-41.40	-61.17	6.02	3.04	1.77	-5.39	-5.31	-8.71	3.22
Cvar	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01

**SUWANNEE RIVER BASIN**  
**02320750 LAKE SAMPSON NEAR STARKE, FL**

LOCATION.--Lat 29°56'11", long 82°10'15", in NE<sup>1</sup>/<sub>4</sub> sec.35, T.6 S., R.21 E., Bradford County, Hydrologic Unit 03110206, on northeast shore at end of canal, 2.7 mi northeast of Sampson City, and 3.7 mi southwest of Starke.

SURFACE AREA.--2,071 acres.

DRAINAGE AREA.--59.3 mi<sup>2</sup>.

PERIOD OF RECORD.--July 1957 to September 1993 (intermittent).

REVISED RECORDS.--WDR FL-74-1: Drainage area.

GAGE.--Nonrecording gage. Datum of gage is 127.49 ft National Geodetic Vertical Datum of 1929. July 1957 to September 1967, at site 2.2 mi southwest at datum 1.23 ft lower. Gage readings have been reduced to elevations NGVD.

REMARKS.--Outflow from lake is through Sampson River to Santa Fe River. Lake level control is concrete spillway culverts and lift gates 0.5 mi downstream from lake outlet. Prior to 1973, outflow through 12-inch drainage well on north side of lake to ground water.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 136.15 ft Mar. 23, 1959; minimum observed, 129.66 ft Oct. 8, 1990.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1957	*	*	*	*	*	*	*	*	*	132.56	132.48	132.27
1958	133.08	132.18	131.83	131.69	131.80	133.50	133.00	132.18	131.20	131.74	132.29	131.71
1959	130.93	130.99	131.24	132.47	132.49	134.63	134.60	133.56	135.26	133.16	131.84	132.79
1960	133.54	132.44	131.57	131.15	131.18	132.96	133.30	131.74	131.16	132.44	134.05	133.74
1961	*	132.36	131.10	*	131.16	132.07	*	130.96	*	131.55	133.54	134.70
1962	*	130.62	130.73	*	130.86	*	130.76	*	130.22	130.98	*	132.67
1963	*	131.71	*	131.04	*	132.42	130.72	130.62	130.51	132.52	*	132.64
1964	131.60	*	130.91	133.48	*	132.21	*	*	130.72	*	131.16	135.53
1965	133.56	131.40	*	132.60	*	133.46	131.30	130.39	*	*	132.49	132.05
1966	132.16	131.26	131.03	131.26	132.42	134.12	132.02	132.15	132.90	132.54	132.38	131.97
1967	132.68	131.48	130.92	131.07	131.90	132.04	130.91	130.54	130.47	131.29	133.12	132.12
1975	*	130.74	*	*	*	130.95	131.81	130.57	*	130.31	*	132.29
1976	131.90	130.87	130.58	130.95	131.07	130.54	130.49	130.71	130.91	131.09	130.90	130.98
1977	130.96	130.89	131.19	131.72	131.61	131.11	130.71	130.40	130.61	130.49	130.86	131.42
1978	131.38	130.69	130.55	131.46	132.61	132.75	131.05	131.74	130.77	131.52	133.37	*
1979	130.73	130.35	130.38	131.21	131.76	131.38	131.26	131.31	130.34	131.03	131.11	132.10
1980	133.22	131.60	132.01	132.38	132.32	132.86	132.42	131.69	131.43	131.23	131.34	131.11
1981	130.98	131.08	131.02	130.89	131.26	131.55	131.20	130.65	130.42	130.73	131.40	131.63
1982	130.95	131.19	131.13	131.90	132.32	131.73	132.99	131.84	131.71	132.68	*	*
1983	*	*	*	*	*	133.19	132.76	131.23	131.84	132.84	132.24	132.31
1984	131.67	131.42	131.85	133.28	132.34	132.00	*	131.91	131.21	130.91	131.19	131.05
1985	*	131.02	130.95	*	131.37	131.31	131.51	131.31	131.07	131.72	132.63	132.99
1986	132.95	132.87	131.50	*	*	132.08	131.44	130.89	130.95	131.16	131.54	*
1987	*	*	131.78	*	*	*	*	*	*	*	*	*
1989	*	*	*	*	130.66	130.71	130.51	130.30	130.40	130.56	130.56	131.16
1990	131.21	130.85	130.79	130.99	131.05	131.16	130.79	130.40	130.17	130.24	130.07	129.91
1991	130.00	130.26	129.93	130.35	130.85	130.81	132.03	132.28	132.02	131.79	131.97	131.06
1992	131.27	130.65	130.50	130.51	130.98	131.15	131.03	130.85	130.89	130.86	131.13	132.18
1993	133.56	131.39	130.83	130.80	131.12	131.52	131.21	130.47	130.38	130.71	130.39	130.31

\* Indicates a no-value month

**Statistics on Normal monthly means (All days)**

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
By rows (Number, Mean, Variance, Standard Deviation, Skewness, Coefficient of Variation)	20.00	24.00	23.00	20.00	21.00	26.00	24.00	25.00	24.00	26.00	24.00	25.00
Number	20.00	24.00	23.00	20.00	21.00	26.00	24.00	25.00	24.00	26.00	24.00	25.00
Mean	131.92	131.26	131.06	131.56	131.58	132.08	131.66	131.23	131.15	131.49	131.84	132.11
Var	1.21	0.47	0.30	0.78	0.42	1.20	1.10	0.67	1.21	0.75	1.11	1.59
Std	1.10	0.68	0.54	0.88	0.64	1.10	1.05	0.82	1.10	0.87	1.05	1.26
Skew	0.90	-5.13	-23.84	-3.58	-4.49	-3.06	0.49	-4.61	2.12	-6.32	-1.27	-1.42
Cvar	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01

**SUWANNEE RIVER BASIN**  
**02321300 LAKE BUTLER AT LAKE BUTLER, FL**

LOCATION.--Lat 30°01'38", long 82°20'18", in SE<sup>1</sup>/<sub>4</sub> sec.30, T.5 S., R.20 E., Union County, Hydrologic Unit 03110206, on south shore of lake at public park in Lake Butler.

SURFACE AREA.--437 acres.

DRAINAGE AREA.--3.94 mi<sup>2</sup>.

PERIOD OF RECORD.--July 1957 to September 1993 (intermittent).

REVISED RECORDS.--WDR FL-75-1: Drainage area.

GAGE.--Nonrecording gage. Datum of gage is 127.35 ft National Geodetic Vertical Datum of 1929. July 1957 to September 1967 at same site at datum 3.41 ft lower. Gage readings have been reduced to elevations NGVD.

REMARKS.--Outflow from lake is through a run to Butler Creek, thence to New River.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 134.02 ft about Sept. 13, 1964, from high-water mark; minimum observed, 128.71 ft Dec. 30, 1990.

**MEAN ELEVATION**  
**Normal monthly means (All days)**

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1957	*	*	*	*	*	*	*	*	*	130.86	131.02	130.58
1958	130.53	130.29	130.38	130.44	130.61	131.28	131.30	131.08	130.80	130.82	131.08	131.00
1959	130.74	130.85	130.90	131.56	131.34	132.14	131.68	131.61	131.94	131.29	131.00	131.09
1960	131.22	130.80	130.52	130.48	130.67	131.48	131.30	130.70	130.50	131.18	131.14	131.44
1961	131.42	130.82	130.45	130.44	130.69	130.75	130.75	130.57	130.28	130.27	130.43	130.99
1962	130.59	130.27	130.18	*	130.18	*	130.12	*	129.36	*	129.36	129.26
1963	*	128.93	*	129.04	*	129.92	129.46	129.42	129.25	130.56	*	131.50
1964	131.34	*	130.96	131.82	*	131.66	*	*	131.45	*	131.60	133.61
1965	132.30	131.50	*	132.22	*	131.98	131.29	130.54	*	*	131.99	132.09
1966	131.94	131.71	131.47	131.69	131.98	132.28	131.74	132.43	132.35	131.84	132.05	131.53
1967	131.64	131.39	130.99	131.09	131.49	131.28	130.81	130.38	130.30	130.61	130.57	130.49
1975	*	130.60	130.62	130.79	130.99	130.87	130.89	131.09	130.72	130.75	131.27	131.78
1976	131.33	130.91	130.72	130.85	130.91	130.70	130.48	130.22	130.20	130.29	130.71	130.75
1977	130.67	130.51	130.58	131.09	131.24	130.95	130.46	129.99	129.83	129.61	129.82	130.10
1978	129.85	129.87	130.11	130.76	131.68	131.81	130.98	131.79	131.09	130.67	*	*
1979	129.95	129.73	129.59	130.35	130.50	*	130.35	130.25	129.95	129.95	129.85	131.43
1980	130.83	130.55	130.53	130.85	130.85	129.85	131.55	131.23	130.63	131.01	130.87	130.55
1981	130.24	130.15	130.03	129.89	130.81	130.57	130.15	129.67	*	129.30	129.40	130.24
1982	128.77	128.75	128.85	129.15	129.05	129.20	130.00	129.55	130.05	130.75	131.25	*
1983	130.73	130.35	130.15	130.40	131.00	132.10	131.40	130.70	130.75	130.35	130.75	130.80
1984	*	130.95	131.85	131.65	131.45	131.55	131.45	130.50	130.35	130.25	130.65	130.17
1985	*	130.30	130.40	*	130.29	130.15	130.15	129.75	130.14	130.06	131.13	132.43
1986	130.90	130.85	130.45	130.75	131.45	130.95	130.05	129.55	129.35	129.40	129.45	130.15
1987	130.15	129.85	130.15	131.45	132.25	131.30	130.85	130.35	129.85	131.35	130.35	*
1988	130.01	130.16	129.96	130.61	131.81	131.41	130.51	129.81	129.81	129.65	130.56	132.30
1989	131.11	130.41	130.21	130.01	129.86	129.81	*	129.21	129.35	129.36	129.51	130.56
1990	130.21	130.11	*	130.01	130.21	*	129.96	129.41	129.61	*	129.46	129.01
1991	129.01	128.76	128.71	129.41	129.61	131.01	132.41	131.51	132.41	131.86	130.71	*
1992	130.71	131.71	129.91	130.00	130.11	130.21	130.61	130.11	130.51	130.61	130.41	131.51
1993	132.74	131.81	130.51	131.02	131.21	131.21	130.78	*	130.16	131.21	130.21	129.71

\* Indicates a no-value month

**Statistics on Normal monthly means (All days)**

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
By rows (Number, Mean, Variance, Standard Deviation, Skewness, Coefficient of Variation, Percentage of Average Value)												
Number	25.00	28.00	26.00	27.00	26.00	26.00	27.00	26.00	27.00	26.00	28.00	26.00
Mean	130.76	130.46	130.35	130.66	130.86	131.02	130.80	130.44	130.41	130.53	130.59	130.96
Var	0.85	0.68	0.46	0.65	0.58	0.66	0.47	0.69	0.75	0.52	0.58	1.05
Std	0.92	0.82	0.68	0.81	0.76	0.81	0.69	0.83	0.87	0.72	0.76	1.03
Skew	-2.01	-5.10	-2.83	-3.98	-2.06	-7.01	-3.23	-3.77	-3.87	1.34	-2.38	-2.27
Cvar	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

SUWANNEE RIVER BASIN  
02322550 WATERS LAKE NEAR TRENTON, FL

LOCATION.--Lat 29°42'31", long 82°43'59", in NW<sup>1</sup>/<sub>4</sub> sec.17, T.9 S., R.16 E., Gilchrist County, Hydrologic Unit 03110206, on north shore of lake near end of private dock, 8.2 mi northeast of Trenton.

SURFACE AREA.--183 acres.

DRAINAGE AREA.--15.7 mi<sup>2</sup>.

PERIOD OF RECORD.--July 1972 to September 1993 (intermittent).

REVISED RECORD.--WDR FL-80-4: 1978 (M).

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to June 14, 1977, at site 60 ft northeast at present datum.

REMARKS.--Concrete control at lake outlet at elevation 73.4 ft. There is some pumpage from lake for irrigation purposes.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 75.98 ft Aug. 18, 1978; minimum observed, 55.10 ft Feb. 6, 1982.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1972	*	*	*	*	*	*	*	*	*	72.35	72.47	74.28
1973	73.48	72.90	73.26	73.55	74.11	74.23	74.35	73.59	73.11	72.60	72.13	71.31
1974	70.23	69.43	68.82	68.14	67.42	66.74	65.83	65.09	64.62	64.17	64.02	64.52
1975	64.84	64.09	63.98	64.37	65.00	65.44	65.42	65.01	64.24	64.36	65.31	66.07
1976	68.21	68.48	67.64	67.60	67.20	66.38	65.61	65.20	65.19	66.77	68.08	70.29
1977	71.47	70.68	70.24	70.89	71.75	71.88	*	*	68.23	67.54	67.06	66.72
1978	65.78	64.87	64.56	64.49	64.87	66.05	66.18	65.66	67.72	68.52	75.98	*
1979	73.11	71.97	70.98	70.80	70.80	70.24	69.75	70.84	70.31	70.13	72.90	74.46
1980	74.32	73.79	73.50	73.45	73.90	74.16	74.34	73.93	73.02	72.67	72.89	72.37
1981	71.61	71.04	70.29	69.61	69.53	69.97	69.68	68.41	68.06	66.75	*	66.22
1982	*	64.98	59.49	*	55.55	59.99	66.21	72.73	72.92	73.90	74.79	74.84
1984	*	*	*	*	71.22	*	*	*	*	*	*	*
1985	*	70.18	69.04	*	71.22	70.95	70.01	69.34	68.75	68.40	68.47	74.09
1986	73.76	73.62	73.34	73.31	73.83	73.76	73.33	72.57	71.80	71.01	71.66	73.27
1987	73.30	72.79	72.84	72.99	73.49	74.02	73.96	73.32	72.87	72.58	72.00	71.28
1988	*	*	*	68.98	70.12	73.88	*	72.76	71.63	71.08	71.18	73.70
1989	73.23	72.68	69.90	71.63	70.93	70.10	69.23	68.73	67.73	67.86	67.76	69.78
1990	69.88	68.94	68.73	68.38	68.08	67.73	67.63	*	*	*	*	*
1991	*	*	*	*	*	68.67	72.23	73.53	72.70	72.28	73.36	72.64
1992	73.13	71.18	70.43	69.70	69.86	69.83	69.63	68.78	*	*	*	69.60
1993	*	72.71	72.58	*	72.98	73.18	73.03	71.84	70.58	*	69.83	*

\* Indicates a no-value month

Statistics on Normal monthly means (All days)

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
By rows (Number, Mean, Variance, Standard Deviation, Skewness, Coefficient of Variation)												
Number	14.00	17.00	17.00	15.00	19.00	19.00	17.00	17.00	17.00	17.00	17.00	17.00
Mean	71.17	70.25	69.39	69.86	69.57	69.85	69.79	70.08	69.62	69.59	70.58	70.91
Var	9.16	9.64	14.35	8.81	19.47	14.56	10.69	10.91	9.42	9.25	11.08	10.97
Std	3.03	3.10	3.79	2.97	4.41	3.82	3.27	3.30	3.07	3.04	3.33	3.31
Skew	-1.09	-0.93	-1.27	-0.52	-1.89	-0.87	0.06	-0.47	-0.45	-0.39	-0.45	-0.66
Cvar	0.04	0.04	0.05	0.04	0.06	0.05	0.05	0.05	0.04	0.04	0.05	0.05

**SUWANNEE RIVER BASIN**  
02322600 ALLIGATOR LAKE AT LAKE CITY, FL

LOCATION.--Lat 30°09'25", long 82°38'28", in NE<sup>1</sup>/<sub>4</sub> sec.5, T.4 S., R.17 E., Columbia County, Hydrologic Unit 03110206, on west shore of southern portion of lake, 2.0 mi south of Lake City.

SURFACE AREA.--348 acres.

DRAINAGE AREA.--15.4 mi<sup>2</sup>.

PERIOD OF RECORD.--September 1965 to March, 1990 (intermittent).

GAGE.--Nonrecording gage. Datum of gage is 87.18 ft National Geodetic Vertical Datum of 1929. Gage readings have been reduced to elevations NGVD. Prior to Oct. 1, 1974, nonrecording gage at site 2.0 mi northeast at same datum.

REMARKS.--Lake has several contributing creeks but no surface outlet; below about 95 ft elevation, lake is separated into several small ponds.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 99.98 ft Mar. 1, 1966; minimum observed, 90.23 ft Apr. 29, 1968.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1965	*	*	*	*	*	*	*	*	*	*	*	98.93
1966	99.19	98.38	98.34	98.72	99.34	99.56	98.84	98.78	99.41	99.40	99.59	98.99
1967	99.05	98.42	97.74	97.88	98.40	98.24	97.26	96.26	95.15	94.92	93.90	93.42
1968	91.19	91.14	91.29	93.22	*	91.08	90.56	*	91.44	93.65	*	93.20
1969	92.42	*	91.55	91.61	*	92.62	94.23	*	94.65	95.30	96.72	98.05
1970	98.17	97.32	*	98.69	*	98.38	*	97.76	97.16	*	98.72	97.80
1971	97.25	96.49	*	95.12	94.77	93.97	93.26	93.65	*	93.61	94.86	95.97
1972	95.18	*	94.92	96.86	*	97.66	97.30	*	96.50	*	96.18	96.78
1973	95.29	94.77	94.83	94.97	96.92	97.18	98.69	97.69	97.86	98.27	*	98.13
1974	97.29	95.64	95.37	94.76	94.85	94.63	*	94.68	95.62	95.62	96.36	98.17
1975	97.22	95.89	94.95	94.97	95.09	94.96	95.00	96.18	96.38	96.21	96.96	97.64
1976	97.21	95.83	94.57	94.37	94.20	94.09	93.91	93.93	94.08	94.05	93.79	93.74
1977	93.47	93.40	93.68	94.37	96.01	96.87	95.79	94.67	94.03	93.75	94.01	94.79
1978	94.70	94.69	96.41	97.60	98.79	98.87	98.00	98.68	97.79	97.18	97.86	97.49
1979	*	94.67	94.38	94.58	94.92	94.54	95.49	95.45	94.52	94.30	95.41	95.08
1980	*	94.37	*	94.39	94.61	98.43	95.20	97.75	97.19	98.49	97.76	97.16
1981	*	*	96.29	95.09	*	95.76	95.21	93.96	*	94.18	*	*
1982	94.55	94.65	*	94.90	*	94.53	*	*	*	*	*	*
1983	*	*	96.04	*	*	97.82	*	*	*	*	*	97.80
1984	97.80	*	98.16	*	*	98.64	98.56	*	97.59	*	*	*
1985	96.40	*	*	94.69	94.31	94.12	93.92	93.76	93.67	94.20	94.94	*
1986	*	*	*	98.08	*	*	97.88	97.28	*	95.18	95.50	*
1987	94.81	94.16	94.30	95.49	*	98.09	98.36	97.16	96.60	96.46	96.89	98.24
1988	96.84	95.95	*	94.51	97.28	98.06	*	95.76	95.20	*	*	*
1989	*	*	*	94.85	95.11	94.78	*	*	*	*	*	94.97
1990	*	*	*	*	*	96.17	*	*	*	*	*	*

\* Indicates a no-value month

**Statistics on Normal monthly means (All days)**

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
By rows (Number, Mean, Variance, Standard Deviation, Skewness, Coefficient of Variation)												
Number	18.00	16.00	16.00	22.00	14.00	24.00	18.00	17.00	18.00	17.00	16.00	19.00
Mean	96.00	95.36	95.18	95.44	96.04	96.21	95.97	96.08	95.82	95.57	96.22	96.65
Var	4.90	3.36	4.11	3.24	3.15	5.06	5.28	3.12	3.72	3.35	2.99	3.58
Std	2.21	1.83	2.03	1.80	1.78	2.25	2.30	1.77	1.93	1.83	1.73	1.89
Skew	-0.62	-0.19	-0.45	0.30	0.53	-0.49	-0.56	-0.16	-0.35	0.93	-0.01	-0.72
Cvar	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

SUWANNEE RIVER BASIN  
02323300 GOVERNOR HILL LAKE NEAR OLD TOWN, FL

LOCATION.--Lat 29°45'08", long 83°02'18", in SE<sup>1</sup>/<sub>4</sub> sec. 29, T.8 S., R.13 E., Dixie County, Hydrologic Unit 03110205, on south shore of lake 10 ft north of private dock, 9.8 mi northeast of Cross City and 10.2 mi northwest of Old Town.

SURFACE AREA.--153 acres (0.24 mi<sup>2</sup>).

DRAINAGE AREA.--1.61 mi<sup>2</sup>.

PERIOD OF RECORD.--November 1974 to September 1993 (intermittent).

GAGE.--Nonrecording gage. Datum of gage is 46.72 ft National Geodetic Vertical Datum of 1929 (levels by Suwannee River Water Management District.) Gage readings have been reduced to elevations NGVD.

REMARKS.--Lake is landlocked.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 53.82 ft Oct. 2, 1988, Aug. 28, 1991; minimum observed, 47.86 ft Aug. 16, 1977.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1975	*	48.49	48.39	48.99	49.74	50.12	50.33	50.29	50.42	50.86	51.47	52.03
1976	52.25	52.01	51.66	51.69	51.65	51.30	50.80	50.82	51.72	52.03	51.62	51.36
1977	50.91	50.61	50.69	51.14	51.40	51.53	51.11	50.21	49.27	48.42	48.17	48.95
1978	48.91	48.34	48.79	49.52	50.65	51.67	51.62	52.61	52.60	52.20	53.62	53.22
1979	*	52.22	52.29	52.60	52.92	*	52.78	52.91	52.62	52.32	52.82	53.63
1980	*	52.71	*	52.50	52.52	52.96	*	52.87	52.78	53.64	53.28	*
1981	52.92	53.06	52.62	52.38	52.72	52.56	51.98	*	50.97	50.21	50.40	50.30
1982	49.44	49.18	48.92	49.04	49.38	50.06	50.98	50.24	51.82	51.70	52.65	52.60
1989	53.54	53.24	53.00	52.52	52.38	51.98	51.26	50.80	50.32	50.35	50.38	50.24
1990	49.90	*	*	*	49.08	49.33	49.20	48.32	48.57	48.98	49.76	49.95
1991	50.03	49.50	49.12	49.79	50.42	51.70	52.82	52.91	*	52.98	53.50	53.28
1992	53.02	52.28	51.82	51.87	52.23	52.12	51.54	50.94	50.92	50.59	51.03	*
1993	51.47	*	51.44	51.52	*	51.96	52.06	51.76	*	50.56	49.82	*

\* Indicates a no-value month

Statistics on Normal monthly means (All days)

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
Number	10.00	11.00	11.00	12.00	12.00	12.00	12.00	12.00	11.00	13.00	13.00	10.00
Mean	51.24	51.06	50.79	51.13	51.26	51.44	51.37	51.22	51.09	51.14	51.42	51.56
Var	2.71	3.54	2.88	1.99	1.87	1.17	1.04	2.03	1.92	2.30	2.86	2.68
Std	1.65	1.88	1.70	1.41	1.37	1.08	1.02	1.43	1.38	1.52	1.69	1.64
Skew	0.01	-0.38	-0.27	-0.59	-0.47	-0.64	-0.64	-0.44	-0.52	-0.19	-0.35	-0.23
Cvar	0.03	0.04	0.03	0.03	0.03	0.02	0.02	0.03	0.03	0.03	0.03	0.03
Pavg	8.34	8.31	8.26	8.32	8.34	8.37	8.36	8.33	8.31	8.32	8.37	8.39

ST. MARYS RIVER BASIN  
02325700 SAMPALA LAKE NEAR GREENVILLE, FL

LOCATION.--Lat 30°23'03", long 83°32'20", in SE<sup>1</sup>/<sub>4</sub> sec.20, T.1 S., R.8 E., Madison County, Hydrologic Unit 03110102, on west shore of the northwest portion of the lake 8.3 mi southeast of Greenville, 9.5 mi southwest of Madison.

SURFACE AREA.--453 acres.

DRAINAGE AREA.--7.13 mi<sup>2</sup>.

PERIOD OF RECORD.--November 1974 to June 1984 (intermittent).

GAGE.--Nonrecording gage. Datum of gage is 99.61 ft National Geodetic Vertical Datum of 1929. Gage readings have been reduced to elevations NGVD.

REMARKS.--Headwaters Sampala Swamp, San Pedro Bay and Econfina River, outlet at south end of lake.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 104.81 ft March. 30, 1984; minimum observed, 102.69 ft Aug. 4, 1977.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1975	*	103.44	103.57	103.87	104.08	104.02	104.04	103.74	103.55	103.48	103.48	103.46
1976	103.40	103.22	103.22	103.36	103.56	103.79	103.71	103.65	103.93	103.77	103.92	103.88
1977	103.83	103.91	104.31	104.35	104.24	104.29	103.95	103.52	103.04	102.78	103.05	103.17
1978	103.06	102.97	103.33	103.79	103.95	104.05	103.78	103.82	103.57	103.54	103.79	103.52
1979	103.15	103.11	103.31	103.75	104.15	103.79	103.77	103.79	103.55	103.87	*	103.73
1980	103.49	103.45	103.63	103.81	103.83	104.11	*	103.94	103.81	104.17	104.17	104.22
1981	103.67	103.87	103.91	103.79	103.80	104.05	104.02	103.57	103.44	103.40	*	104.09
1982	103.57	103.58	*	104.15	104.14	104.03	104.19	103.85	103.88	104.19	104.11	103.83
1983	103.95	103.82	*	104.16	*	104.35	104.39	104.39	104.37	104.55	104.35	104.31
1984	*	104.41	104.39	104.55	*	104.67	*	104.25	104.04	*	*	*

\* Indicates a no-value month

Statistics on Normal monthly means (All days)

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
By rows (Number, Mean, Variance, Standard Deviation, Skewness, Coefficient of Variation)												
Number	8.00	10.00	8.00	10.00	8.00	10.00	8.00	10.00	10.00	9.00	7.00	9.00
Mean	103.51	103.58	103.71	103.96	103.97	104.11	103.98	103.85	103.72	103.75	103.84	103.80
Var	0.10	0.20	0.21	0.13	0.06	0.07	0.06	0.09	0.14	0.28	0.20	0.14
Std	0.31	0.44	0.46	0.36	0.24	0.27	0.25	0.29	0.37	0.53	0.45	0.38
Skew	24.31	-12.47	5.12	-39.91	15.30	-33.75	-72.97	-64.25	5.40	-3.06	-1.21	14.03
Cvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00

RIVER BASIN  
02325820 ANDREWS LAKE NEAR SHADY GROVE, FL

LOCATION.--Lat 30°16'14", long 83°39'03", in NW<sup>1</sup>/<sub>4</sub> sec.32, T.2 S., R.7 E., Taylor County, Hydrologic Unit 03110102, on southwest shore, 1.2 mi southwest of Econfina River, 1.7 mi southwest of Shady Grove, 2.1 mi northwest of Lake Bird Community, and 13.4 mi northwest of Perry.

SURFACE AREA.--44.5 acres.

DRAINAGE AREA.--0.34 mi<sup>2</sup>.

PERIOD OF RECORD.--November 1974 to September 1993 (intermittent).

GAGE.--Nonrecording gage. Datum of gage is 73.19 ft National Geodetic Vertical Datum of 1929 (levels by Suwannee River Water Management District). Gage readings have been reduced to elevations NGVD.

REMARKS.--Lake will interconnect with Nose Lake at high stages, and at extreme high stage overflow into Econfina River Basin.

COOPERATION.--Gage readings were furnished by Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 77.58 ft Oct. 2, 1991; minimum observed, 73.90 ft June 18, 1993.

**MEAN ELEVATION**  
Normal monthly means (All days)

Year	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
1975	*	76.47	*	77.26	77.28	77.32	77.27	76.96	76.61	76.63	*	77.09
1976	*	76.81	76.85	*	77.09	77.07	76.89	77.17	77.19	77.19	*	*
1977	*	*	77.43	77.35	77.29	*	76.99	*	*	*	75.57	*
1978	*	*	*	*	*	*	*	*	76.81	*	*	*
1979	*	76.39	76.51	76.78	77.06	77.15	77.23	77.10	77.24	77.17	76.97	77.01
1980	76.85	76.66	76.79	76.74	76.90	77.43	77.00	76.59	76.61	76.59	77.25	77.41
1981	76.99	77.10	77.07	76.92	76.89	77.08	77.02	76.44	75.99	75.85	*	76.26
1982	76.19	76.38	*	77.11	77.19	77.05	77.27	76.89	76.69	77.03	77.21	77.11
1983	76.89	76.51	*	76.83	*	77.17	77.25	77.23	77.19	77.15	77.05	76.78
1984	*	76.83	77.13	77.27	*	77.30	*	*	*	*	*	*
1985	*	*	*	*	75.79	75.61	75.29	75.13	74.54	75.09	75.53	76.09
1986	75.59	75.85	75.90	76.78	77.29	77.11	76.79	*	*	75.63	*	75.99
1987	*	*	76.47	77.25	77.53	*	77.39	76.39	76.25	76.09	76.01	75.72
1988	75.34	75.21	75.03	75.09	75.53	76.41	76.26	75.89	75.43	75.07	*	*
1989	*	76.56	76.38	76.18	76.06	76.19	75.94	75.88	76.78	77.30	77.06	76.72
1990	76.24	75.98	76.48	*	76.99	76.94	76.71	76.51	76.66	77.28	76.70	76.22
1991	75.97	75.64	75.46	75.86	77.26	77.38	77.18	77.31	77.24	77.27	*	77.51
1992	77.58	76.56	76.36	76.54	77.16	76.76	76.54	76.16	*	75.66	76.26	76.56
1993	*	76.10	75.74	76.24	76.24	76.46	76.32	75.78	73.90	75.16	74.50	74.50

\* Indicates a no-value month

Statistics on Normal monthly means (All days)

	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept
By rows (Number, Mean, Variance, Standard Deviation, Skewness, Coefficient of Variation)												
Number	9.00	15.00	14.00	15.00	16.00	16.00	17.00	15.00	15.00	16.00	11.00	14.00
Mean	76.40	76.34	76.40	76.68	76.85	76.90	76.78	76.50	76.34	76.38	76.37	76.50
Var	0.53	0.25	0.45	0.39	0.36	0.25	0.32	0.41	1.00	0.75	0.79	0.63
Std	0.73	0.50	0.67	0.62	0.60	0.50	0.57	0.64	1.00	0.86	0.89	0.79
Skew	-0.39	-0.19	-0.56	-2.49	-0.68	-1.48	-3.64	-2.45	-1.43	-0.06	-1.45	-1.71
Cvar	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

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13. ABSTRACT (Maximum 200 words) Statistical summaries for 27 streams and 17 lakes in the Suwannee River Water Management District, Florida, include: minimum, maximum, and mean of monthly mean stream elevations and discharges in graphical and tabular form; annual mean and highest and lowest annual mean and mean daily stream discharges; minimum annual seven-day minimum discharge, instantaneous peak discharge and elevation, instantaneous minimum discharge; basin yield; duration of daily mean stream elevations and discharge, by months, are shown in tables; minimum and maximum 1-,3-,7-,14-,30-,60-,90-,120-, and 183-consecutive day stream elevations and discharges (with rankings) for each year of record; mean monthly lake elevations and statistics by month, including number of monthly values, mean, variance, standard deviation, skewness, coefficient of variation, and percentage of average values;				
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