UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOW-FLOW FREQUENCY OF GEORGIA STREAMS

By R. F. Carter and S. A. Putnam

Water-Resources Investigations
Open-File Report 77-127

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U.S. DEPARTMENT OF THE INTERIOR
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Factors for converting English units to International System (SI) units

Multiply English units	By	To obtain SI units
feet (ft)	0.3048	meters (m)
miles (mi)	1.609	kilometers (km)
square miles (mi^2)	2.590	kilometers (km^2)
cubic feet per second (ft^3/s)	.02832	cubic meters per second (m^3/s)
cubic feet per second per square mile [$(ft^3/s)/mi^2$]	.0233	cubic meters per second per square kilometer [$(m^3/s)/km^2$]

LOW-FLOW FREQUENCY OF GEORGIA STREAMS

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ABSTRACT

This report contains analyses of low-flow data and tabulations of computed low-flow frequency for all stream sites in Georgia where suitable flow records have been collected. These include 134 continuous-record gaging stations and 102 partial-record gaging stations. Frequency records for gaging stations with short records have been adjusted where possible to more closely represent results that would have been obtained from longer records.

Variations in time and place of low-flow characteristics, per unit of drainage area, are demonstrated. Low flows for 7 consecutive days with a 10-year recurrence interval vary from 0 to more than 1.0 cubic feet per second per square mile [$(ft^3/s)/mi^2$]. In the Blue Ridge province in the northern part of the State, unit low flows range from 0.3 to 0.8 $(ft^3/s)/mi^2$; in the Valley and Ridge province in the northwest they range from 0.05 to 04 $(ft^3/s)/mi^2$; and in the Piedmont province they range from 0.1 to 1.1 $(ft^3/s)/mi^2$.

There is a contrast in unit rates of low flow between the upper zone of the Coastal Plain where most flows are high, and the lower zone where most flows are low. Flows in the upper zone are in the range of 0.1 to 1.1 $(ft^3/s)/mi^2$, but in the lower zone only the largest streams have appreciable flow during low-flow periods.

INTRODUCTION

Purpose and Scope

This report presents the results of low-flow frequency analyses of streamflow information collected by the U.S. Geological Survey in Georgia through climatic year 1974. The climatic year, as used in hydrology, is the 12-month period beginning April 1 and ending on March 31. The analyses are concerned with low flows rather than with droughts, because drought is a term that may have a different meaning to different persons and often is used in a manner that does not relate directly to streamflow data. Unlike flood flows, for which only instantaneous peak values are usually of critical concern, values of low flow can be properly evaluated only when they represent averages for a specific period of time, such as a day, week, or month.

Designers of water development projects, as well as planners concerned with long-range water use and development, need factual data on low flow of streams. Surface water is heavily utilized for municipal and industrial supplies, for dilution and transport of waste, for industrial cooling, for agricultural supplies, and for navigation and

recreation. The high variability of the available water supply with respect to location and time makes necessary extensive observation and documentation of rates of flow, and requires analyses of these flow rates in terms of the frequency at which certain low flows occur.

Low-flow data included in this report are based on flow records for 134 continuous-record stream gaging stations and 102 low-flow partial-record gaging stations. The sites at which flow observations are available are fairly evenly distributed throughout the State (figs. 1 and 2).

An intensive study and review of the stream-gaging network in Georgia was conducted in 1970 (Carter, 1970). In order to optimize results of the data collection effort, many gaging stations on unregulated streams were discontinued because sufficient records had been compiled to meet anticipated needs. With the exception of "long-term trend" stations and a few special purpose stations, the data base is growing more slowly than in former years. The compilation of low-flow analyses of data from this base, as presented in this report, will not become outdated for a considerable time.

Cooperation and Acknowledgments

The U.S. Geological Survey and organizations of the State of Georgia have had cooperative agreements for the systematic collection of streamflow records since 1896. Organizations that assisted in collecting data and in performing low-flow analyses through cooperative agreement with the Survey are:

Georgia Department of Natural Resources, Joe D. Tanner, Commissioner, through the Division of Geologic and Water Resources, Sam Pickering, Jr., Director, and through the Division of Environmental Protection, J. Leonard Ledbetter, Director.

Assistance in the form of funds or services was also given by the Tennessee Valley Authority, Corps of Engineers, U.S. Army, and Soil Conservation Service, U.S. Department of Agriculture.

DATA COMPILATION AND ANALYSIS

Methods

The statistical procedures and methods of analysis used for this study are described in more detail in the Supplemental Data. These procedures are, for the most part, standard practice within the Geological Survey.

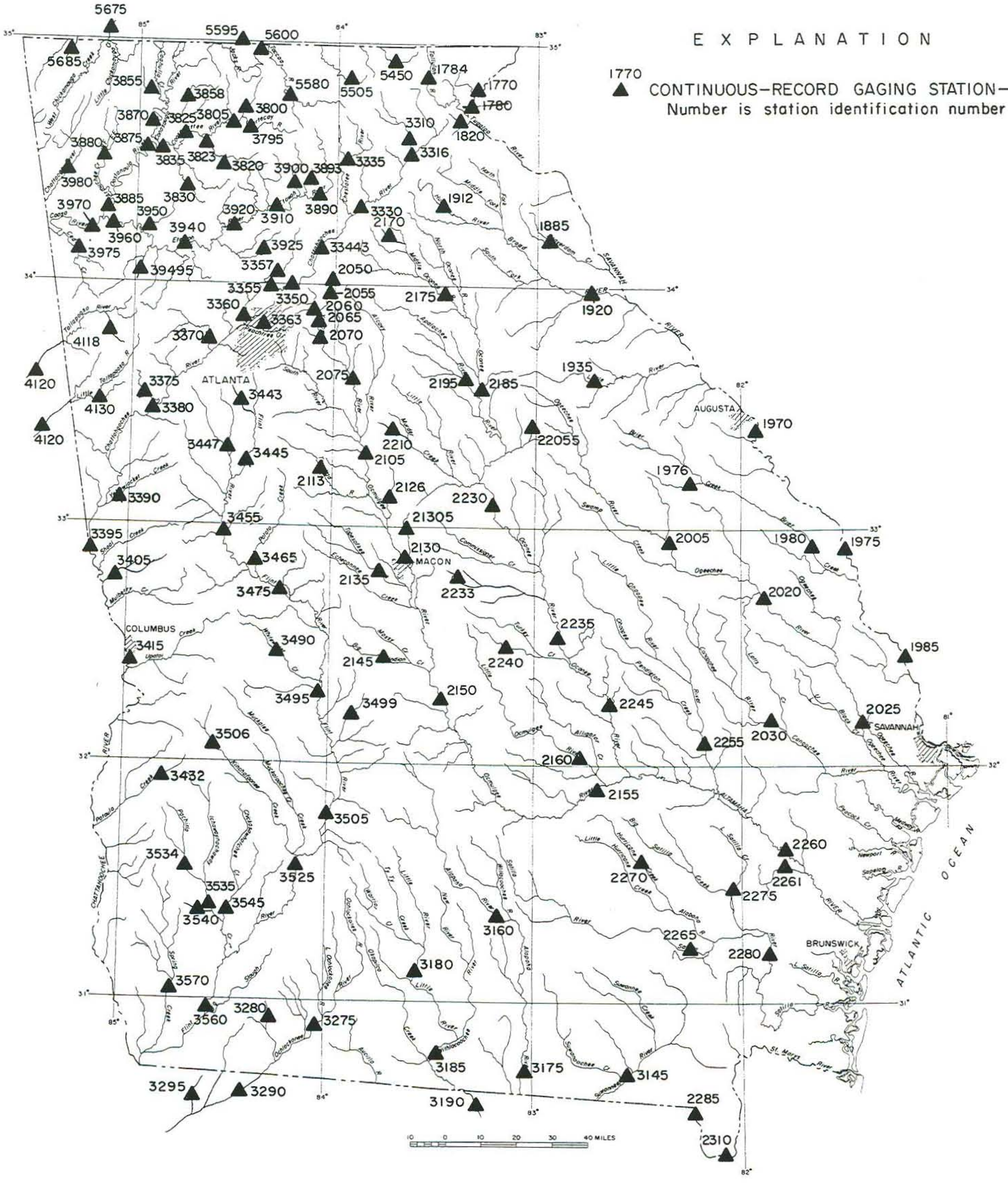

FIGURE 1.—LOCATION OF CONTINUOUS-RECORD GAGING STATIONS.

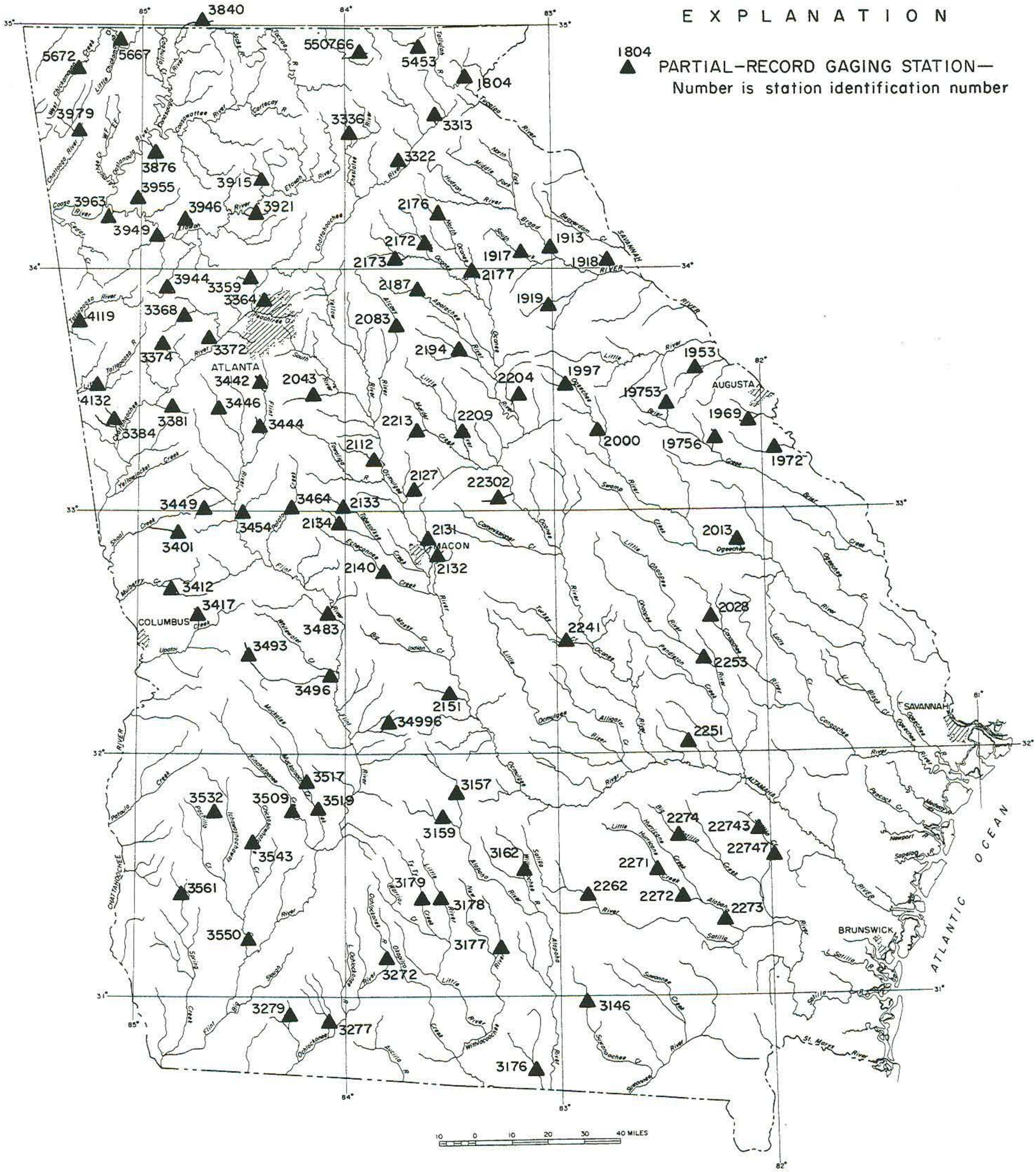

FIGURE 2.—LOCATION OF PARTIAL—RECORD GAGING STATIONS.

Computation of Average Minimum Flows

Continuous-record gaging stations

The fundamental data required for a low-flow frequency study are the minimum average flows for selected lengths of time. For this study, annual low flows at continuous-record gaging stations for periods of 1, 7, 14, 30, 60, 90, 120, and 183 consecutive days have been analyzed. To allow the low-water season to be considered as a unit, the climatic year (April 1 to March 31) was used as the basis for annual events.

The following limits were established for compiling frequency data. (1) For stations at which 7 to 9 years of record were available, the frequency curves were extended to the 10-year recurrence interval. (2) Stations with 10 or more years, but less than 20 years, were extended to 20 years. (3) Stations with 20 or more years, but less than 30 years were extended to 30 years. (4) Stations with 30 or more years were extended to 50 years, but no data were compiled for recurrence intervals greater than 50 years. Within these limits flow-frequency data were analyzed and tabulated for recurrence intervals of 2, 5, 10, 20, 30, and 50 years.

Frequency data are presented for 108 continuous-record stations on streams with natural flow conditions and 26 continuous-record stations on streams subject to regulation. The streams subject to regulation are those with well established and consistent regulation patterns.

Partial-record gaging stations

Stream sites at which periodic measurements are made during periods of base flow (flow which continues after storm runoff has ceased) are called low-flow partial-record gaging stations. These stations, at which one or more base-flow measurements per year were made during a sufficient number of years, can provide nearly as much low-flow information as a complete flow record of a few years length (Riggs, 1972). Flow data observed at 102 low-flow partial-record gaging stations were examined and processed by flow correlation with continuous-record "index" gaging stations to produce low-flow frequency tabulations included in this report.

For the partial-record stations, flow-frequency data were compiled for periods of 7, 30, 60, and 90 consecutive days and for recurrence intervals for which the index station data were compiled. However, partial-record station data were not carried to recurrence intervals greater than 30 years.

The number of base-flow measurements used in preparing the relationship and the index station used are shown in the station headings.

REGIONAL CHARACTERISTICS

Physiographic Provinces

Georgia lies in four broad physiographic provinces, the Blue Ridge, the Valley and Ridge, the Piedmont, and the Coastal Plain (fig. 3). The Coastal Plain is technically one physiographic province, but is shown divided into "upper" and "lower" zones because of hydrologic differences of these zones based on observed differences in low-flow characteristics.

Flow Per Square Mile of Drainage Area

There are wide differences in flow per square mile of drainage area even within provinces or hydrologic areas, as shown by the data plotted on the map in figure 3 and graphically in figure 4. The minimum average flow for 7 consecutive days with a 10-year recurrence interval is the flow parameter used in these illustrations. Only streams that have essentially natural flow are shown in figures 3 and 4. They are free or relatively free of regulation or other manmade effects. Streams having zero flow are not shown in figure 4 because of the logarithmic scale.

Relationship to Geology

The areal distribution and the location within a physiographic province of most of the streams presented in this report may be examined in figure 3. Here the flows equal to the 7-day, 10-year flows in cubic feet per second per square mile are plotted on a State map as symbols representing various ranges of flow magnitude. For practical purposes, the symbols include only flow data for "local" streams; very long streams and streams with very large drainage areas are omitted. The flow symbols are plotted near the centroid of the drainage basin they represent. Figure 3 includes symbols for streams with zero flow that were not practical to include in figure 4.

Streams having generally the highest base flows in the State (in terms of the 7-day, 10-year flow in cubic feet per second per square mile, figure 3) are those in the Blue Ridge province. This is an area of generally high altitude underlain by schist and gneiss. Flows in this area range from 0.3 to 0.8 $(ft^3/s)/mi^2$.

Streams in the Valley and Ridge province in the northwest corner of the State have base flows that are generally high, but the flows are much more variable from stream to stream than in the Blue Ridge province. This is an area of complexly folded and faulted rock of Paleozoic age. The major rock types include limestone, shale, siltstone, and sandstone. Streams in this province have base flows that range from 0.05 to 0.4 $(ft^3/s)/mi^2$. Some of the small and medium-size streams are maintained during rainless periods by spring discharge. Many of the springs are very large and this accounts for some of the variability of streamflow during low-flow seasons.

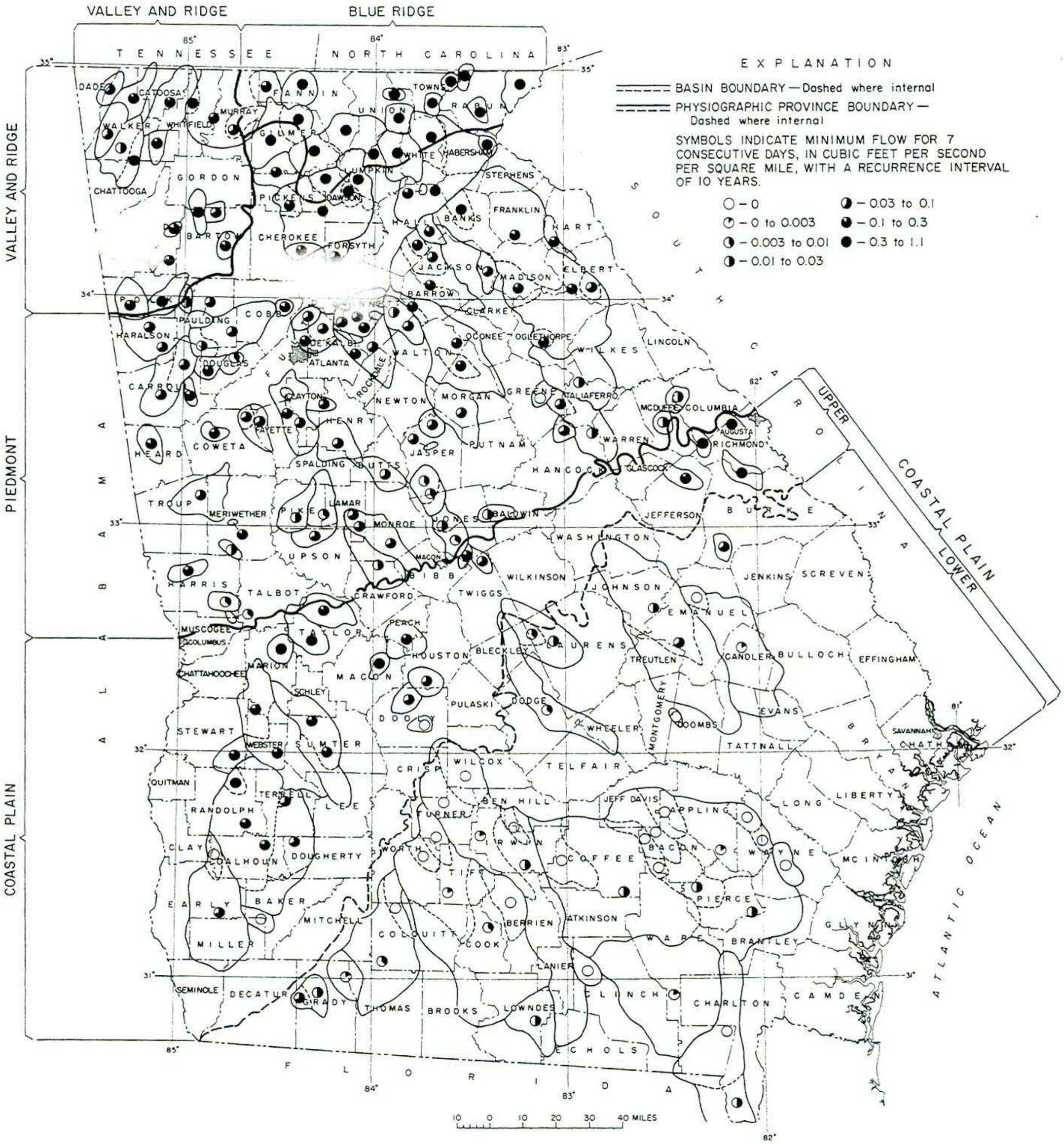

FIGURE 3.—PHYSIOGRAPHIC PROVINCES AND BASIN BOUNDARIES IN GEORGIA SHOWING MINIMUM FLOW FOR 7 CONSECUTIVE DAYS, IN CUBIC FEET PER SECOND PER SQUARE MILE, WITH A RECURRENCE INTERVAL OF 10 YEARS.

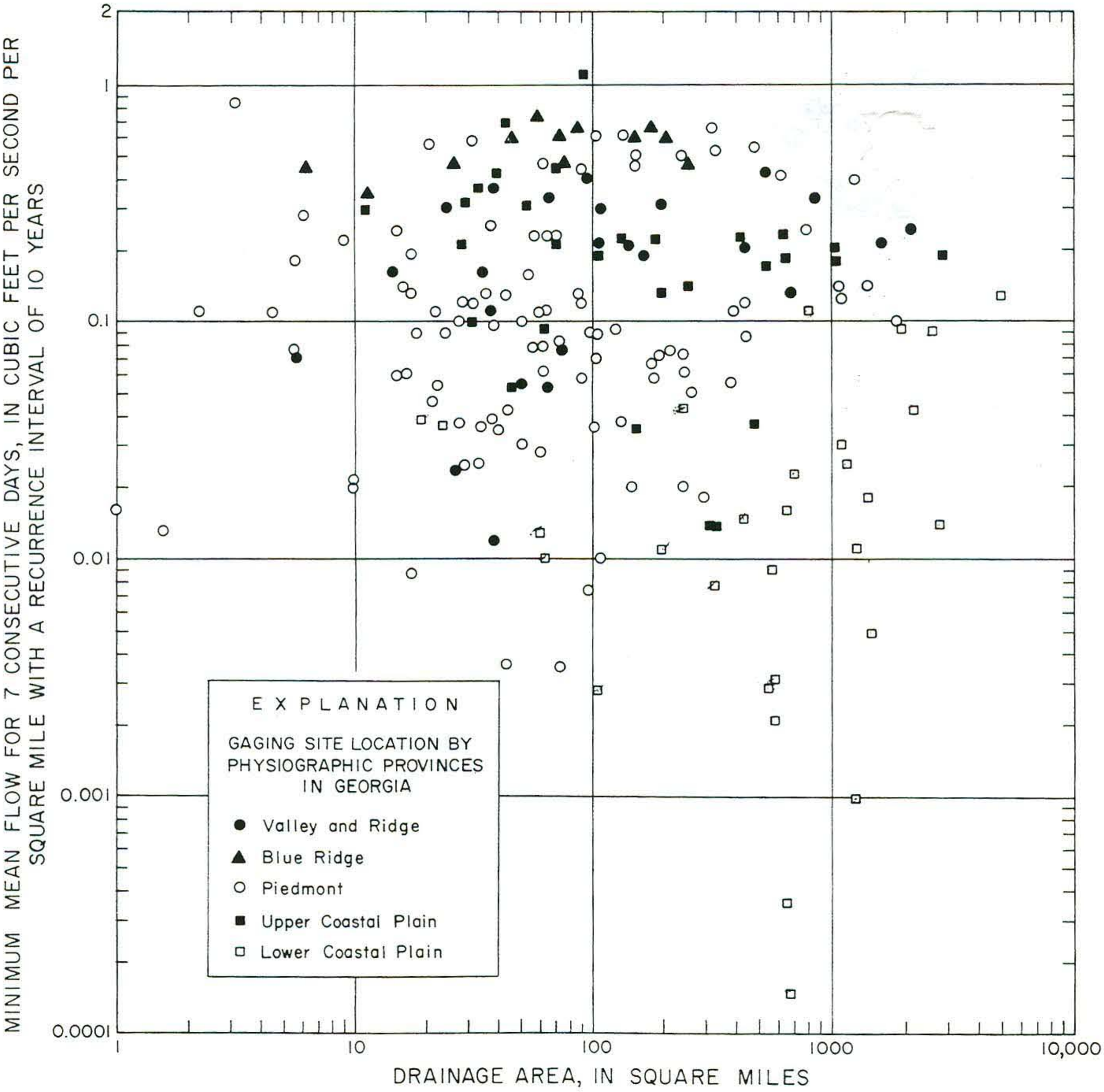

FIGURE 4.—RELATION OF A LOW-FLOW CHARACTERISTIC TO SIZE OF DRAINAGE AREA AND TO PHYSIOGRAPHIC PROVINCE.

In the Piedmont province, flows vary over a wide range, from no flow to yields as great as 0.3 $(ft^3/s)/mi^2$. Rock types are quite diverse in this area, and include granite, schist, gneiss, and quartzite. Streams near the Fall Line, the southern limit of the Piedmont province, tend to have somewhat lower flows per unit area than Piedmont streams farther north.

In the region south of the Fall Line, referred to as "upper" Coastal Plain in figure 3, streams have extremely high base flows, generally between 0.1 and 1.1 $(ft^3/s)/mi^2$ at the 7-day, 10-year minimum flow. This area is underlain by limestone, sand, clay, and gravel of Cretaceous, Paleocene, and Oligocene ages. Some base flows in this area equal or exceed those of streams in the Blue Ridge province.

Streams in the remainder of the Coastal Plain have very low flows during dry seasons. Many have 7-day, 10-year flows of zero. This area is underlain by limestone, clay, and sand of Miocene to Pleistocene ages that contribute little flow to small and medium-sized streams during rainless periods. Only the very large streams are incised deeply enough to remain below the water table and receive appreciable ground-water outflow during dry periods.

There is a wide variation in unit rates of flow within each physiographic province, but there is no discernible relationship between unit rate of flow and size of drainage area (fig. 4).

APPLICATIONS OF LOW-FLOW FREQUENCY DATA

Georgia has a very large number of streams, and the number of possible sites where low-flow data may be needed is truly enormous. Obviously, it is not practical to gage all sites intensively. Some methods of extending observed flow data to additional sites are needed.

Availability of Information

This report includes low-flow frequency data for all stream sites that have sufficient records to allow a full range of frequency data to be computed with reasonable confidence. Representative streams are included throughout the State and they provide a sampling of low-flow characteristics under a wide diversity of hydrologic conditions. One exception is the area adjacent to the coast. Tidal effects on streams there make the task of determining runoff during low-flow periods prohibitively expensive.

Determination of flow characteristics at sites on ungaged streams is greatly facilitated if some flow data observed under base-flow conditions are available at, or near the site in question. To meet this need, the Geological Survey has obtained base-flow measurements at a large number of sites (over 1,500) throughout the State. These

measurements, commonly less than three per site, were obtained during low-flow periods and usually during droughts of more than average severity. Not enough measurements are available at each site to justify processing them as partial-record gaging stations. Instead, they are classified as "miscellaneous low-flow measuring sites". Data for these sites are not included in this report, but they have been published in data reports of the Geological Survey and are available for reference in Geological Survey files.

Interpolation and Extrapolation

Adjustment of flow data to nearby sites on the same stream is an acceptable practice if good judgment is used. Low-flow data for many sites may be interpolated between gaged sites, or extrapolated upstream or downstream for short distances in proportion to the difference in drainage areas. Such methods can be used with some confidence if the extension is not great, if there is no appreciable regulation or diversion at either site, and if there are no major differences in land characteristics such as geology and degree of urbanization between the sites.

Ungaged Streams

Determination of low-flow data for an ungaged stream is a very common and, unfortunately, difficult problem. Unlike flood flows, low flows may not as yet be reliably estimated from regional characteristics. This problem is being investigated by the Geological Survey and by many others but, in the meantime, methods such as described below must be used.

To estimate low-flow characteristics for an ungaged stream, some preliminary information is needed. Is the flo entirely natural or is it affected by regulation, diversions, or effluent discharge? How large is the drainage area? Does the stream frequently cease to flow, as observed by local residents? In which physiographic province is it located? Are there base-flow measurements at or near the site for which flow data are needed?

Base-flow measurements at an ungaged site may be compared with concurrent base-flow measurements at a nearby continuous-record (index) gaging station. If sufficient measurements are available, a curve of relationship may be prepared using logarithmic coordinates. This relationship can be used to transfer characteristics from the index station to the ungaged site. If very few base-flow measurements are available, they may still be compared with the index station. If concurrent base flow per square mile is the same or nearly the same at the two sites, one may infer that low-flow characteristics (per square mile) are nearly the same. On the other hand, if flow per square mile is significantly different, one can assume that the ratio between the two flows will be maintained at some characteristic rate of flow, such as the minimum 7-day flow with a 10-year frequency. This method has been called the flow-ratio method (Thomson and Carter, 1963). Caution

should be used in applying this method to avoid extending the relationship too far. Estimates of very rare flow events are not likely to be reliable if determined by use of high base flows.

For sites where no base-flow measurements are available, it might be possible to obtain such a measurement although this is seldom practical on short notice. Very low base-flow conditions exist for only short periods in most years. If the ungaged site is measured, a measurement at a suitable index station is also needed as near the same time as possible.

Rough estimates of low-flow characteristics may be made for ungaged streams on the basis of the characteristics of nearby gaging stations as given in this report. These will provide a range of probable rates of flow at the ungaged site for a given frequency.

PRESENTATION OF LOW-FLOW CHARACTERISTICS OF STREAMS

Data describing the low-flow characteristics of streams are presented in tables following the text. Continuous-record gaging station data are presented first, followed by partial-record gaging station data. For continuous-record gaging stations, these items are included:

1. Location and description of the gaging site.
2. Drainage area.
3. Period of record analyzed.
4. Remarks, if applicable, including description of regulation, diversions, or adjustments to the frequency data based on regression analysis.

For partial-record gaging stations, the following items are included:

1. Location and description of the gaging site.
2. Drainage area.
3. Number of independent base-flow measurements used in the correlation and identification of the index gaging station used.

SUPPLEMENTARY DATA

METHODS

Average Minimum Flows

Annual low flows for continuous-record gaging stations were compiled for periods of 1, 7, 14, 30, 60, 90, 120, and 183 consecutive days by means of a digital computer, using the climatic year (April 1 to March 31) as a basis. Most of the gaging stations used were previously analyzed through climatic year 1969 (Inman, 1971). However, for the present report all available data through climatic year 1974 were updated, analyzed, and used if the record was of sufficient length. The analyses and compilations used in this report were accomplished by digital computer from records in Geological Survey files in Reston, Va.

Plotting Postions

Flows were arrayed by computer in order of magnitude and assigned order numbers beginning with the smallest as number 1. The recurrence interval (RI) of each value in the array was computed by the formula $RI = \frac{N+1}{M}$, where N is the number of years (values) in the array and M is the order number. This is the plotting position formula currently in use by the U.S. Geological Survey. Other formulas for plotting position abound in hydrologic literature. The formula used here is simple to compute and gives results acceptably in conformance with some of the latest theories. The calculated recurrence interval is the average number of years between the occurrence of flows equal to or less than the flow corresponding to the order number. Another way of interpreting the formula is that the reciprocal of RI is the probability that a flow equal to or less than that corresponding to M will be experienced during any given year.

Frequency Distribution

The frequency data computed as described above were fitted mathematically to curves corresponding to the log-Pearson Type III distribution. That is, the logarithms of flow values were fitted to frequency curves based on that distribution. This curve fitting process was accomplished as part of a digital computer program. The fit of the computed curves to the base data was, in general, only fair; and except for a few streams described later, the log-Pearson Type III curves were not used for compiling low-flow frequency data as presented in this report.

Because computer-generated curves were, in general, considered unsatisfactory for use, most of the flow-frequency analyses were performed by means of graphical curve fitting. Flow data were plotted against the appropriate recurrence interval on extreme log-data graph paper and lines of best fit were drawn through the points. The extreme

log-data form used has the abscissa graduated according to the Gumbel Type I extremal distribution and the ordinate scale is graduated logarithmically. The use of a logarithmic ordinate results in a graph paper that is practically equivalent to the Weibull distribution or Weibull probability paper (Chow, 1964). Use of the graph paper produces flow-frequency curves that are concave upward for most streams that do not commonly go to zero flow (fig. 5). Most of the continuous-record gaging stations included in this report were analyzed by this method.

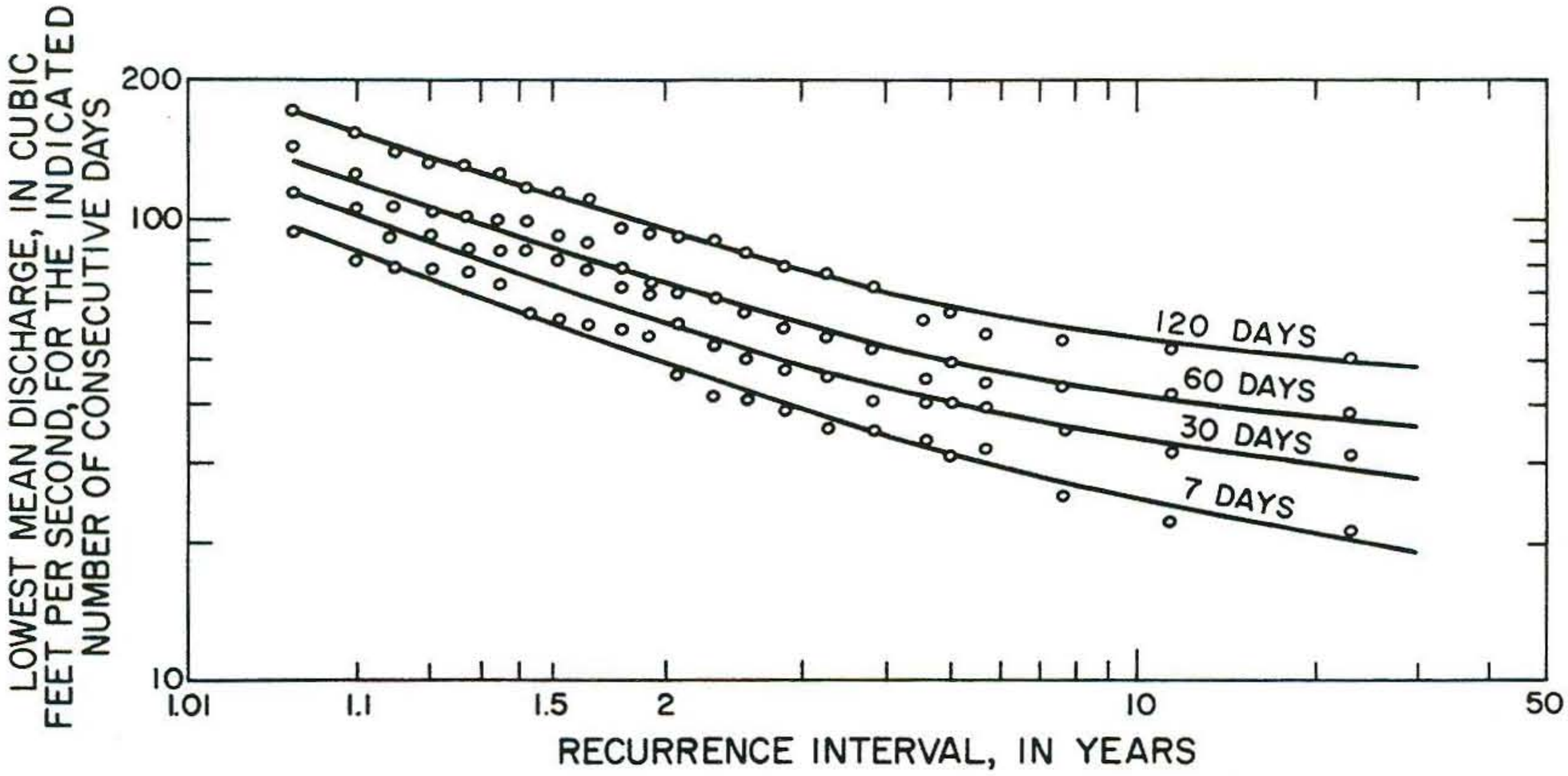

FIGURE 5.—LOW FLOW FREQUENCY CURVES, OF KINCHAFOONEE CREEK AT PRESTON, GA. (STATION 02350600).

Data for about 20 gaging stations were analyzed by means of computer-generated plots using the log-Pearson Type III distribution. These included stream sites affected by manmade regulation, a few sites with extremely long periods of record, and a few sites having very large drainage areas. For these sites the log-Pearson analyses gave satisfactory results.

Compilation of and Adjustments to Low-Flow Frequency Data

Gaging station records were not included in the compilation unless at least 7 years of record were available.

The following limits were established for extending frequency curves. (1) For stations at which 7 to 9 years of record were available, the frequency curves were extended to the 10-year recurrence interval. (2) Stations with 10 or more years, but less than 20 years were extended to 20 years. (3) Stations with 20 or more years, but less than 30 years

were extended to 30 years. (4) Stations with 30 or more years were extended to 50 years, but no data were compiled for recurrence intervals greater than 50 years. Within these limits flow-frequency data were read from the curves and tabulated for recurrence intervals of 2, 5, 10, 20, 30, and 50 years.

Flow-frequency data based on past records are useful only as an index to probable future occurrences. Ideally, these data should be based on a long period of record in order to minimize the effect of extended periods of above or below average climatic conditions. Persistence in hydrologic data, that is, the tendency of very wet or very dry years to cluster together, has been noted by many investigators (Dawdy and Matalas, 1964). This effect can introduce undesirable bias into estimates based on very short records.

Much useful information would be lost if flow-frequency analyses were limited to stations with long records. It is desirable to adjust data from short-term gaging sites to more nearly represent long-term conditions and to reduce the impact of effects caused by short-term climatic trends.

To accomplish this, regression analyses were prepared between annual 7-day minimum flows for adjacent gaging stations. These regressions were performed mathematically and were prepared for virtually all adjacent pairs of gaging stations in the State with natural, unregulated runoff. The regressions were used as a basis for adjusting observed short-term flow-frequency data to represent long-term conditions wherever such adjustment was considered to be warranted. The adjustment was made to the entire array of low-flow frequency data for a given gaging station rather than being used to extend the array to longer-term frequencies.

For example, suppose a frequency array based on 16 years of observed record was adjusted on the basis of a nearby stream with 40 years of record. The magnitude of flow at the 2-, 5-, 10-, and 20-year frequencies would be adjusted to represent what would have been derived from 40 years of observed record. The array would not be extended beyond the 20-year frequency.

Regressions were performed by use of a desk-top computer with a program which applies to least-squares fit to the logarithms of the flow values. A linear relationship was defined (fig. 6) with computation of several statistical parameters, including the coefficient of correlation. Use of a computer made it practical to examine interrelationships between virtually all pairs of gaging stations located in the same general area.

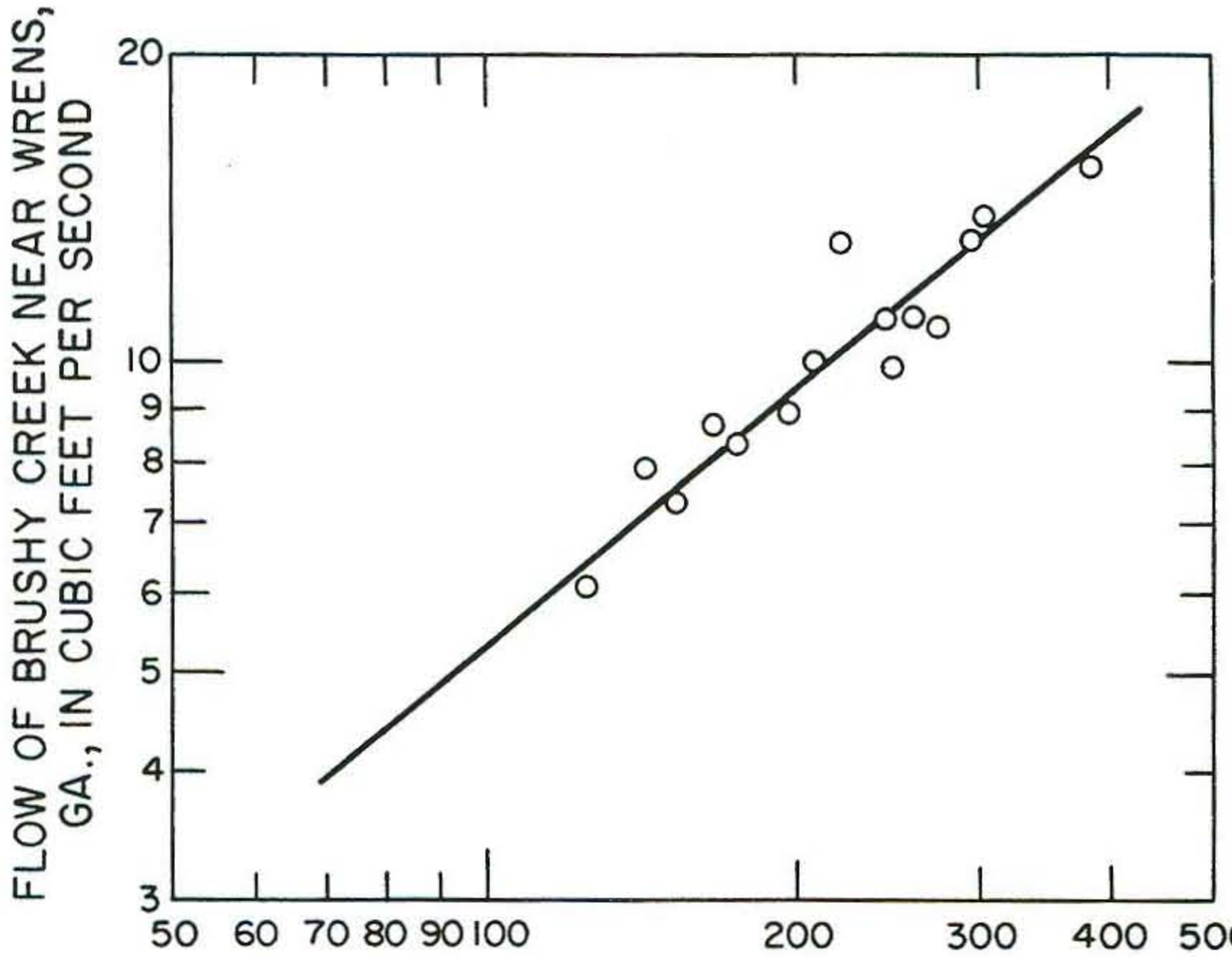

FIGURE 6.—RELATION OF ANNUAL MINIMUM 7-DAY MEAN FLOWS, BRUSHY CREEK NEAR WRENS, GA. (STATION 02197600) TO FLOWS OF BRIER CREEK AT MILLHAVEN, GA. (STATION 02198000).

Adjustments of short-term flow-frequency data were made providing the following conditions were met: (1) the correlation coefficient of the regression was 0.8 or greater, (2) the length of record at the long-term "index" gaging station selected as the basis of adjustment was at least twice the length of record at the short-term gaging station, and (3) the length of concurrent flow records was at least 9 years.

The validity of this technique for using regression to adjust flow-frequency data was tested. The object of the test was to determine if data adjusted by regression tended to be significantly closer to the "answer" (frequency data obtained by analysis of a long record) than frequency data obtained by log-extremal analysis of the short record.

Six pairs of well correlated gaging stations having long periods of concurrent records were used in the test. The selected gaging stations are well distributed throughout the State. At least one pair is in each major physiographic province, one is in the lower Coastal Plain and one is in the upper Coastal Plain. The gaging station with the largest drainage area in each pair was selected as the "index" station for use in predicting flow at the other "dependent" station.

Flow-frequency statistics for a long period of record (30 years or more) were predicted from short periods of record (10 years or more) by the two methods being tested and the results were compared. For example, for a pair of gaging stations a low-flow record of 30 years was divided into 3 equal time periods. Data for each 10-year time period for the dependent station were regressed against concurrent data for the index station. These data were also plotted on log-extremal probability paper.

Flow frequency tables were generated from each 10-year regression (regression method) and from each log-extremal probability plot (log-extremal method). These tables of data were compared with a table of data generated from a log-extremal probability plot for the full 30-year period of record. The results of the test were judged on which method more closely predicted data for the full period of record.

For each pair of gaging stations tested, the regression method was the better method for estimating the full period statistics. For the six pairs of stations used, the superiority of the regression method ranged from 52 percent to 74 percent of the points tested. Overall, the regression method was better for 67 percent of the points tested. A more exhaustive test was not practical due to the scarcity of additional pairs of long-term gaging stations with high correlation coefficients.

For gaging stations north of the Fall Line, the regression method was superior for 73 percent of the points tested. In the Coastal Plain the regression method was the better for 55 percent of the points tested.

Flow data for 30 short-term gaging stations which met the established criteria were adjusted. The index station used as a basis for adjustment was the one which exhibited the highest correlation coefficient with the station being adjusted, provided this pair had a reasonable number of concurrent years of record.

In general, flow data were not adjusted on the basis of data from other streams in different physiographic provinces. Gaging-station data to which these adjustments have been applied are noted in the "Remarks" paragraph of the station description.

Regulation and Diversions

Low-flow characteristics of streams subject to considerable manmade regulation may differ substantially from those which existed under natural conditions, and data from regulated streams cannot be used to estimate the flow of nearby unregulated streams. They are useful only in appraising flow characteristics of sites on the same stream. If the pattern of regulation of a stream has been consistent for several years and is expected to continue so, low-flow frequency curves based on the record for those years may be useful.

Flow data at 26 stream sites subject to regulation have been included in this report. The effect of regulation is noted in the station description. The period selected for analysis has well established and consistent regulation patterns. Commonly, the regulation pattern produced during the first few years following completion of a new reservoir differs from the pattern displayed in later years after the initial "shakedown" period. The early years of nontypical regulation patterns were omitted from the frequency analyses. Many flow records collected at sites before significant regulation began are of short length or are on such large streams that they would be of marginal utility if analyzed now for low-flow frequency. They also have been omitted from the study.

A few of the gaging stations included are subject to diversions by municipalities or industries upstream. It is difficult to adjust records for the effects of the diversions because rates of diversion have varied with time. Gaging stations affected by diversion are noted in the station description.

Partial-Record Gaging Stations

At partial-record gaging stations only occasional flow measurements are made, usually one a year, during periods of base flow. Results of these measurements are related to concurrent flows at a nearby continuous-record "index" gaging station by plotting on a logarithmic graph (fig. 7). The relationship between these concurrent flows can be used along with a frequency curve for the continuous-record site to approximate flow-frequency data for the partial-record site.

Flow data observed at 102 low-flow partial-record gaging stations were examined and processed to produce low-flow frequency tabulations, as included in this report. Each partial-record station was related to several nearby continuous-record index stations. The best relationship (least scatter) between concurrent flows of index and partial-record stations was used to compile flow-frequency data for the partial-record station provided that only a limited amount of curve extension was required.

For partial-record gaging stations, flow-frequency data were compiled for periods of 7, 30, 60, and 90 consecutive days and at recurrence intervals for which the index station data were compiled. However, partial-record station data were not carried to recurrence intervals greater than 30 years.

The number of base-flow measurements used in preparing the relationship and the index station used are shown in the station headings.

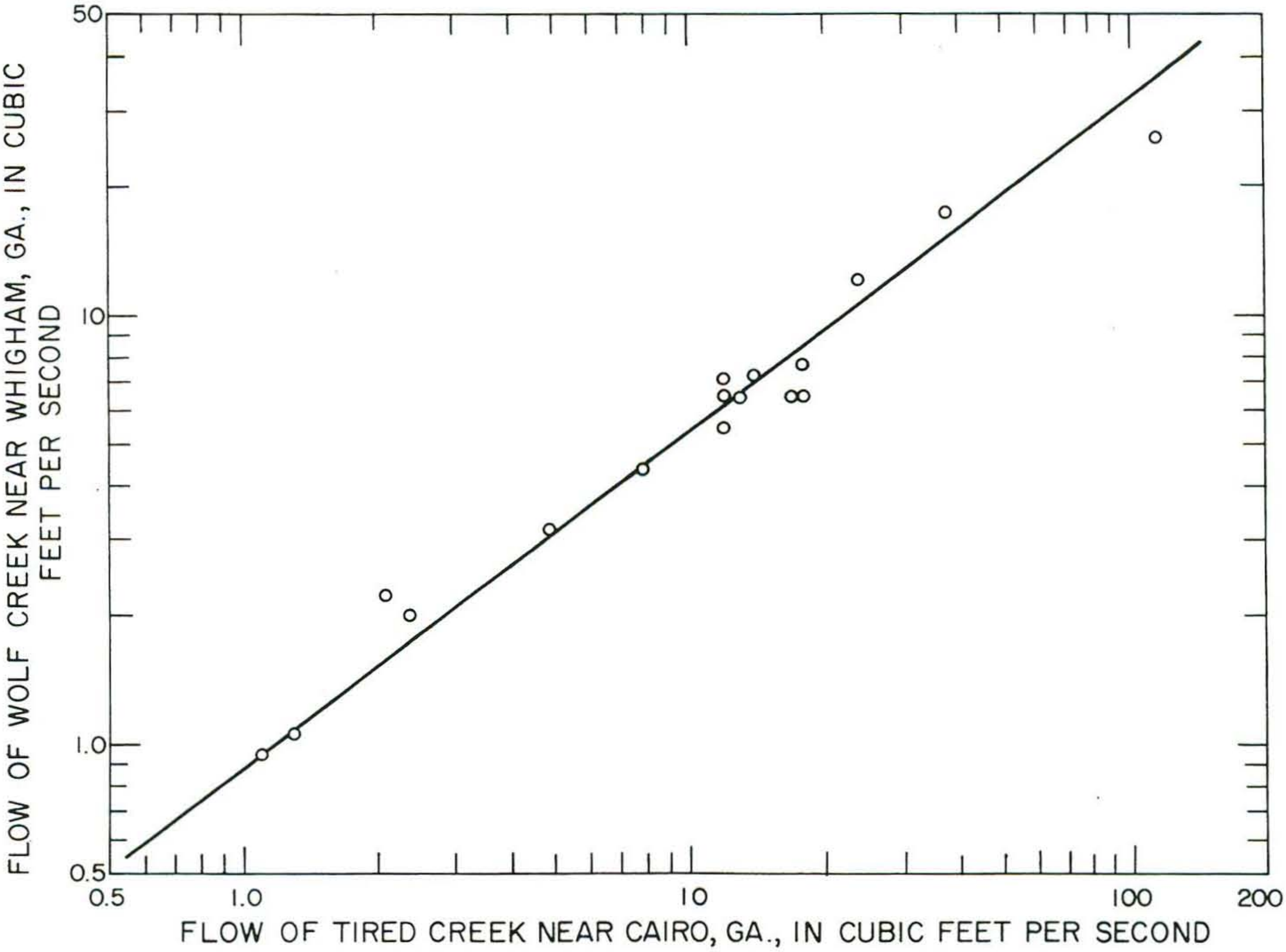

FIGURE 7.—BASE FLOW REGRESSION, WOLF CREEK NEAR WHIGHAM, GA. (PARTIAL-RECORD STATION 02327900) VERSUS TIRED CREEK NEAR CAIRO, GA. (CONTINUOUS-RECORD STATION 02328000).

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CONTINUOUS-RECORD STATION

SAVANNAH RIVER BASIN

02177000 Chattooga River near Clayton, Ga.

LOCATION.--Lat 34°48'50", long 83°18'22", Oconee County, S.C., on left bank 150 ft downstream from bridge on U.S. Highway 76, 2.8 mi upstream from Stekoa Creek, 7 mi southeast of Clayton, 9 mi downstream from War Woman Creek, and 9 mi upstream from confluence with Tallulah River.

DRAINAGE AREA.--207 mi^2.

PERIOD OF RECORD ANALYZED.--April 1940 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	200	210	230	250	275	320	360	445
5	140	150	160	175	200	220	245	300
10	115	120	130	145	160	180	200	245
20	100	105	110	120	140	155	170	205
30	91	96	100	110	120	140	160	190
50	80	85	90	100	110	130	140	170

02178400 Tallulah River near Clayton, Ga.
(Hydrologic bench-mark station)

LOCATION.--Lat 34°53'25", long 83°31'50", Rabun County, on right bank 100 ft downstream from county highway bridge, 120 ft downstream from Persimmon Creek, 8 mi upstream from Burton Dam, and 10.3 mi west of Clayton.

DRAINAGE AREA.--56.5 mi^2.

PERIOD OF RECORD ANALYZED.--April 1965 to March 1974.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 0217700, Chattooga River near Clayton, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	56	58	60	64	69	75	78	90
5	46	48	49	52	56	59	61	70
10	41	42	43	47	50	54	55	63

02182000 Panther Creek near Toccoa, Ga.

LOCATION.--Lat 34°40'40", long 83°20'43", Stephens County, on left bank at Yonah Settlement, 0.2 mi upstream from mouth, and 7 mi north of Toccoa.

DRAINAGE AREA.--32.5 mi^2.

PERIOD OF RECORD ANALYZED.--April 1943 to March 1971.

REMARKS.--Diversion at point 2.0 mi above station for water supply by city of Toccoa.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	22	23	26	28	32	36	37	42
5	16	17	19	21	24	26	28	31
10	13	14	16	18	20	22	23	26
20	11	12	14	15	17	18	20	22
30	10	11	13	14	15	17	18	20

CONTINUOUS-RECORD STATION

SAVANNAH RIVER BASIN

02188500 South Beaverdam Creek at Dewy Rose, Ga.

LOCATION.--Lat 34°10'52", long 82°56'38", Elbert County, on left bank 50 ft upstream from highway bridge, 1 mi northeast of Dewy Rose, and 3 mi upstream from confluence with North Beaverdam Creek.

DRAINAGE AREA.--35.8 mi^2.

PERIOD OF RECORD ANALYZED.--April 1943 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	12	14	15	16	18	19	20	26
5	6.8	7.6	8.5	10	12	14	16	18
10	4.8	5.4	6.4	7.9	9.4	11	13	15
20	3.3	3.9	4.7	6.0	7.2	9	9.6	12
30	2.6	3.1	3.8	4.8	5.7	7.5	7.9	11
50	1.8	2.2	2.7	3.4	4.0	5.4	6.2	9.2

02191200 Hudson River at Homer, Ga.

LOCATION.--Lat 34°20'15", long 83°29'17", Banks County, on downstream side of center pier of bridge on State Highway 15 at Homer, 3.6 mi upstream from Webb Creek, and 10.8 mi upstream from Grove Creek.

DRAINAGE AREA.--61.1 mi^2.

PERIOD OF RECORD ANALYZED.--April 1960 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	35	38	41	47	48	54	58	65
5	29	31	33	38	42	45	50	57
10	26	28	30	34	38	42	47	53
20	23	26	28	32	37	40	44	50

02192000 Broad River near Bell, Ga.

LOCATION.--Lat 33°58'27", long 82°46'12", Elbert County, at downstream side of main channel pier of bridge on State Highway 17, 0.5 mi downstream from Long Creek, 1 mi south of Bells Crossroads, and 12 mi southeast of Elberton.

DRAINAGE AREA.--1,430 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1927 to March 1932, April 1938 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	440	470	500	560	680	720	790	920
5	300	320	330	380	450	480	560	710
10	195	200	210	260	320	380	460	580
20	135	140	160	200	250	300	340	450
30	125	130	145	180	210	260	290	400
50	115	120	130	150	155	220	250	370

CONTINUOUS-RECORD STATIONS

SAVANNAH RIVER BASIN

02193500 Little River near Washington, Ga.

LOCATION.--Lat 33°36'40", long 82°44'40", Wilkes County, near left bank on downstream side of highway bridge pier, 700 ft downstream from Brady Creek, 4 mi downstream from Georgia Railroad bridge, 6 mi upstream from Williams Creek, and 9 mi south of Washington.

DRAINAGE AREA.--291 mi^2.

PERIOD OF RECORD ANALYZED.--April 1950 to March 1971.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	13	14	22	28	36	45	52	64
5	6.9	9.5	11	14	23	24	28	38
10	4.4	5.2	7.2	9.3	14	15	21	29
20	2.2	2.3	4.0	5.2	6.6	9.4	17	22
30	1.3	1.4	2.5	3.2	4.0	7.0	14	19
50	.61	.62	1.1	1.5	2.0	5.6	9.2	16

02197000 Savannah River at Augusta, Ga.

LOCATION.--Lat 33°22'25", long 81°56'35", Richmond County, at New Savannah Bluff lock and dam, 0.2 mi upstream from Butler Creek, 12.0 mi downstream from Augusta, and at mile 203.0.

DRAINAGE AREA.--7,508 mi^2, including that of Butler Creek.

PERIOD OF RECORD ANALYZED.--April 1961 to March 1974.

REMARKS.--Flow regulated by Lake Burton, Mathis Reservoir, Lake Hartwell, and Clark Hill Lake.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	5600	6000	6200	6300	6400	6500	6600	7100
5	5100	5600	5700	5900	6000	6100	6300	6500
10	4800	5400	5500	5700	5800	5900	6200	6300
20	4600	5200	5300	5500	5600	5800	6100	6200

02197500 Savannah River at Burtons Ferry Bridge, near Millhaven, Ga.

LOCATION.--Lat 32°56'20", long 81°30'10", Screven County, on downstream side of left pier of drawspan of bridge on U.S. Highway 301, 2 mi downstream from Rocky Creek, 9 mi east of Millhaven, and at mile 129.2.

DRAINAGE AREA.--8,650 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1960 to March 1970.

REMARKS.--Flow regulated by Lake Burton, Mathis Reservoir, Lake Hartwell, and Clark Hill Lake.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	6600	6800	6900	7200	7400	7700	7800	8000
5	6000	6200	6300	6600	6800	7000	7100	7400
10	5700	5800	5900	6100	6400	6600	6800	7000
20	5400	5500	5600	5800	6000	6200	6600	6800

CONTINUOUS-RECORD STATIONS

SAVANNAH RIVER BASIN

02197600 Brushy Creek near Wrens, Ga.

LOCATION.--Lat 33°10'37", long 82°18'20", Jefferson County, at right bank on downstream side of bridge on State Highway 80, 5 mi southeast of Wrens, and 5.5 mi upstream from Little Brushy Creek.

DRAINAGE AREA.--28.0 mi^2.

PERIOD OF RECORD ANALYZED.--April 1959 to March 1974.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02198000, Brier Creek at Millhaven, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	7.9	8.6	9.3	10	11	12	13	15
5	6.5	6.9	7.4	8.1	9.3	10	11	12
10	5.8	6.0	6.3	7.4	8.5	8.6	9.3	11
20	5.0	5.1	5.4	6.3	7.2	7.3	8.1	9.2
30	4.4	4.5	4.7	5.5	6.4	6.5	7.2	8.4

02198000 Brier Creek at Millhaven, Ga.

LOCATION.--Lat 32°56'00", long 81°39'05", Screven County, near right bank on downstream side of pier of highway bridge at Millhaven, 8.5 mi upstream from Beaver Dam Creek.

DRAINAGE AREA.--646 mi^2.

PERIOD OF RECORD ANALYZED.--April 1937 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	160	175	195	220	240	280	300	350
5	125	135	150	165	195	220	240	280
10	110	115	120	150	175	180	195	240
20	91	93	99	120	140	145	165	195
30	79	80	85	100	120	125	140	170
50	64	66	69	76	95	105	120	145

02198500 Savannah River near Clyo, Ga.
(International hydrologic decade station)

LOCATION.--Lat 32°31'30", long 81°15'45", Effingham County, on downstream side of center pier of drawspan of bridge on Seaboard Coast Line Railroad, 3.0 mi north of Clyo, and at mile 65.0.

DRAINAGE AREA.--9,850 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1961 to March 1974.

REMARKS.--Flow regulated by Lake Burton, Mathis Reservoir, Lake Hartwell, and Clark Hill Lake.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	7200	7400	7600	7700	7800	8000	8200	8900
5	6700	6900	7000	7100	7200	7400	7700	8000
10	6500	6700	6800	6900	7000	7200	7600	7800
20	6300	6500	6600	6700	6800	7100	7500	7600

CONTINUOUS-RECORD STATIONS

OGEECHEE RIVER BASIN

02200500 Ogeechee River near Louisville, Ga.

LOCATION.--Lat 32°58'03", long 82°23'26", Jefferson County, at bridge on U.S. Highway 1, 1 mi downstream from Louisville and Wadley Railroad bridge, and 2 mi south of Louisville.

DRAINAGE AREA.--800 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1937 to March 1949.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02202000, Ogeechee River at Scarboro, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	135	150	155	170	200	230	280	320
5	99	110	120	135	160	180	190	240
10	82	91	105	120	130	145	150	190
20	72	76	87	97	105	115	120	150

02202000 Ogeechee River at Scarboro, Ga.

LOCATION.--Lat 32°42'38", long 81°52'46", Jenkins County, on left bank 15 ft downstream from abandoned highway bridge at Scarboro, 3.5 mi downstream from Sculls Creek, 6.5 mi upstream from Horse Creek, and 7.5 mi southeast of Millen.

DRAINAGE AREA.--1,940 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1937 to March 1971.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	280	320	330	360	440	520	630	750
5	200	220	240	280	340	390	400	530
10	165	180	210	250	280	310	320	410
20	140	150	175	195	210	240	245	320
30	130	135	150	170	180	195	200	260
50	115	120	125	130	140	145	160	200

02202500 Ogeechee River near Eden, Ga.

LOCATION.--Lat 32°11'29", long 81°24'58", Effingham County, on right bank 600 ft downstream from bridge on U.S. Highways 25, 80, and 280, 2 mi west of Eden, 2 mi upstream from Seaboard Coast Line Railroad bridge, and 3 mi upstream from Black Creek.

DRAINAGE AREA.--2,650 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1938 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	360	370	390	440	520	590	700	960
5	260	280	300	330	380	420	490	620
10	220	240	250	280	320	350	400	490
20	180	200	210	240	260	290	330	390
30	160	180	195	210	230	260	300	340
50	140	160	170	180	200	220	250	280

CONTINUOUS-RECORD STATIONS

OGEECHEE RIVER BASIN

02203000 Canoochee River near Claxton, Ga.

LOCATION.--Lat 32°11'05", long 81°53'20", Evans County, on right bank 400 ft upstream from bridge on State Highway 73, 2 mi northeast of Claxton, and 10 mi upstream from Lotts Creek.

DRAINAGE AREA.--555 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1938 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	4.6	5.9	7.2	13	23	48	60	130
5	1.9	2.6	2.8	3.8	7.6	15	30	50
10	1.2	1.6	1.9	2.3	4.3	5.2	8.5	22
20	.8	1.2	1.4	1.6	2.5	2.7	3.7	8.6
30	.7	1.1	1.2	1.4	1.9	2.1	2.5	5.0
50	0	.9	1.0	1.15	1.5	1.6	1.7	2.5

CONTINUOUS-RECORD STATIONS

ALTAMAHA RIVER BASIN

02205000 Wildcat Creek near Lawrenceville, Ga.

LOCATION.--Lat 34°00'08", long 84°00'18", Gwinnett County, on left bank 75 ft upstream from highway bridge, 0.7 mi upstream from mouth, 1.1 mi east of State Highway 20, and 3.2 mi north of Lawrenceville.

DRAINAGE AREA.--1.59 mi^2.

PERIOD OF RECORD ANALYZED.--April 1954 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	0.15	0.18	0.20	0.24	0.34	0.39	0.45	0.65
5	.05	.08	.10	.13	.17	.21	.27	.40
10	*	*	.06	.08	.10	.14	.18	.33
20	*	*	*	.06	.07	.09	.13	.20

02205500 Pew Creek near Lawrenceville, Ga.

LOCATION.--Lat 33°56'05", long 84°01'00", Gwinnett County, on right bank 20 ft upstream from highway bridge, 1 mi upstream from Redland Creek, and 2.2 mi southwest of Lawrenceville.

DRAINAGE AREA.--2.23 mi^2.

PERIOD OF RECORD ANALYZED.--April 1954 to March 1963.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02206500, Yellow River near Snellville, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	0.47	0.52	0.58	0.60	0.68	0.72	0.75	0.85
5	.32	.38	.40	.43	.53	.59	.63	.69
10	.24	.25	.28	.32	.41	.47	.52	.63
20	.19	.20	.22	.26	.33	.38	.44	.57

02206000 Shetley Creek near Norcross, Ga.

LOCATION.--Lat 33°57'20", long 84°09'50", Gwinnett County, on right bank 150 ft upstream from highway bridge, 1 mi upstream from mouth, and 2.8 mi northeast of Norcross.

DRAINAGE AREA.--0.98 mi^2.

PERIOD OF RECORD ANALYZED.--April 1954 to March 1963.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	0.15	0.18	0.19	0.23	0.29	0.32	0.35	0.42
5	.08	.11	.12	.13	.19	.23	.26	.30
10	.05	.06	.07	.08	.12	.16	.19	.25
20	*	*	.05	.06	.09	.11	.14	.22

* Flow less than 0.05 cfs.

CONTINUOUS-RECORD STATIONS

ALTAMAHA RIVER BASIN

02206500 Yellow River near Snellville, Ga.

LOCATION.--Lat 33°51'11", long 84°04'45", Gwinnett County, on left bank at downstream side of county highway bridge, 3.2 mi west of Snellville, 4 mi downstream from Sweetwater Creek, 6.5 mi northeast of town of Stone Mountain, and 7.5 mi upstream from Stone Mountain Creek.

DRAINAGE AREA.--134 mi^2.

PERIOD OF RECORD ANALYZED.--April 1943 to March 1971.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	19	24	25	32	42	48	53	68
5	8.5	12	14	16	24	31	36	44
10	4.4	5.0	6.3	8.4	14	20	24	36
20	2.9	3.1	3.8	5.4	8.9	12	16	29
30	2.4	2.6	3.1	4.3	6.9	10	14	26
50	1.8	2.1	2.5	3.3	5.2	7.8	11	23

02207000 Garner Creek near Snellville, Ga.

LOCATION.--Lat 33°51'45", long 84°05'50", Gwinnett County, on left bank 100 ft downstream from highway culvert, 0.9 mi upstream from mouth, and 4.5 mi west of Snellville.

DRAINAGE AREA.--5.54 mi^2.

PERIOD OF RECORD ANALYZED.--April 1954 to March 1963.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02337000, Sweetwater Creek near Austell, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	1.3	1.4	1.45	1.5	1.6	1.7	1.75	2.0
5	1.1	1.15	1.2	1.3	1.4	1.5	1.6	1.8
10	.98	1.0	1.05	1.15	1.25	1.4	1.5	1.7
20	.84	.88	.90	.96	1.1	1.25	1.3	1.5

02207500 Yellow River near Covington, Ga.

LOCATION.--Lat 33°36'52", long 83°54'55", Newton County, near left bank at downstream end of pier of bridge on State Highway 12, 3.5 mi northwest of Covington.

DRAINAGE AREA.--378 mi^2.

PERIOD OF RECORD ANALYZED.--April 1945 to March 1960.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	61	74	81	90	110	140	155	195
5	24	31	37	54	70	98	110	130
10	16	21	26	38	55	76	85	110
20	12	16	19	27	41	57	67	95

CONTINUOUS-RECORD STATIONS

ALTAMAHA RIVER BASIN

02210500 Ocmulgee River near Jackson, Ga.

LOCATION.--Lat 33°18'28", long 83°50'18", Butts County, 500 ft upstream from bridge on State Highway 16, 1 mi downstream from Lloyd Shoals Dam, and 7 mi east of Jackson.

DRAINAGE AREA.--1,420 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1940 to March 1960.

REMARKS.--Flow regulated by Lloyd Shoals Reservoir.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	480	530	540	580	630	720	760	860
5	400	420	440	480	500	550	580	650
10	300	340	350	380	390	440	460	550
20	200	230	240	260	280	340	360	480
30	155	180	190	200	230	280	320	420

02211300 Towaliga River near Jackson, Ga.

LOCATION.--Lat 33°15'50", long 84°04'17", Butts County, at downstream end of right bank pier of bridge on State Highway 16, 3 mi upstream from Cabin Creek, and 6.5 mi west of Jackson.

DRAINAGE AREA.--105 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1961 to March 1971.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02206500, Yellow River near Snellville, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	22	24	25	29	35	38	40	47
5	13	16	17	18	25	29	31	36
10	8.6	9.3	11	13	18	21	24	32
20	6.6	7.0	7.9	9.8	13	16	19	27

02212600 Falling Creek near Juliette, Ga.
(Hydrologic bench-mark station)

LOCATION.--Lat 33°05'59", long 83°43'25", Jones County, on left bank 100 ft upstream from highway bridge, 4 mi upstream from Caney Creek, and 5.1 mi east of Juliette.

DRAINAGE AREA.--72.2 mi^2.

PERIOD OF RECORD ANALYZED.--April 1965 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	1.9	2.7	3.0	4.5	6.5	8.1	12	15
5	.48	.65	.81	1.4	2.4	2.9	4.6	8.8
10	.19	.25	.34	.64	1.3	1.8	2.7	8.0

CONTINUOUS-RECORD STATIONS

ALTAMAHA RIVER BASIN

02213000 Ocmulgee River at Macon, Ga.

LOCATION.--Lat 32°50'19", long 83°37'14", Bibb County, at downstream end of center pier of Fifth Street Bridge in Macon, 1.5 mi upstream from Walnut Creek, and at mile 198.0.

DRAINAGE AREA.--2,240 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1929 to March 1974.

REMARKS.--Flow regulated by Lloyd Shoals Reservoir.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	590	670	680	780	880	1000	1200	1300
5	420	500	510	530	660	720	810	950
10	330	410	420	440	520	570	660	800
20	250	320	330	340	390	460	530	680
30	200	270	280	290	330	390	450	620
50	160	210	220	230	250	320	370	540

02213050 Walnut Creek near Gray, Ga.

LOCATION.--Lat 32°58'20", long 83°37'08", Jones County, on downstream side of right bank pier of abandoned bridge, 500 ft downstream from bridge on State Highway 18, 1.4 mi upstream from Bonner Creek, and 5.5 mi southeast of Gray.

DRAINAGE AREA.--29 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1962 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	1.8	2.1	2.2	3.1	5.0	5.3	7.4	9.3
5	.75	.98	1.1	1.6	2.0	2.9	3.9	5.1
10	.54	.71	.79	1.2	1.4	2.3	3.0	4.5
20	.45	.58	.64	.94	1.1	2.1	2.5	4.3

02213500 Tobesofkee Creek near Macon, Ga.

LOCATION.--Lat 32°48'32", long 83°45'30", Bibb County, on right bank at downstream end of pier of bridge on U.S. Highway 80, 8 mi west of Macon, and 14 mi upstream from mouth.

DRAINAGE AREA.--182 mi^2.

PERIOD OF RECORD ANALYZED.--April 1938 to March 1967.

REMARKS.--Flow regulated by Lake Tobesofkee beginning November 1967.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	24	26	29	33	44	51	57	75
5	12	16	18	21	26	31	36	48
10	6	8.5	9.5	14	18	22	26	38
20	4.1	5.5	6.1	8.8	12	16	19	30
30	3.4	4.4	5.0	7.2	10	14	17	27
50	2.8	3.5	4.0	5.8	7.7	11	14	23

CONTINUOUS-RECORD STATIONS

ALTAMAHA RIVER BASIN

02214500 Big Indian Creek at Perry, Ga.

LOCATION.--Lat 32°27'20", long 83°44'21", Houston County, at municipal waterworks at Perry, on left bank 300 ft downstream from bridge on U.S. Highway 41, 1 mi downstream from Bay Creek, and 3.2 mi upstream from Flat Creek.

DRAINAGE AREA.--108 mi^2.

PERIOD OF RECORD ANALYZED.--April 1944 to March 1971.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	33	35	38	42	47	52	54	60
5	21	24	27	29	32	35	38	41
10	17	21	23	25	29	32	34	38
20	14	19	20	23	27	30	31	36
30	13	18	19	22	26	28	29	35

02215000 Ocmulgee River at Hawkinsville, Ga.

LOCATION.--Lat 32°16'50", long 83°27'30", Pulaski County, at bridge on U.S. Highway 341 at Hawkinsville.

DRAINAGE AREA.--3,800 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1929 to March 1931, April 1944 to March 1959.

REMARKS.--Flow regulated by Lloyd Shoals Reservoir.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	1150	1200	1250	1400	1600	1750	1850	2100
5	770	820	870	900	1150	1200	1250	1450
10	560	590	620	640	790	850	900	1100
20	380	400	405	430	530	550	620	810

02215500 Ocmulgee River at Lumber City, Ga.

LOCATION.--Lat 31°55'06", long 82°40'26", Telfair County, near left bank on downstream end of pier of bridge on U.S. Highway 341 at Lumber City, 500 ft downstream from Southern Railway bridge, 1 mi upstream from Little Ocmulgee River, and 12 mi upstream from confluence with Oconee River.

DRAINAGE AREA.--5,180 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1937 to March 1974.

REMARKS.--Flow regulated by Lloyd Shoals Reservoir.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	1600	1700	1800	1900	2100	2200	2400	2800
5	1300	1400	1500	1550	1700	1800	2000	2300
10	1200	1250	1300	1350	1500	1600	1700	2000
20	1000	1050	1100	1200	1300	1400	1500	1800
30	900	950	1000	1100	1200	1300	1400	1600
50	840	860	880	960	1100	1200	1250	1400

CONTINUOUS-RECORD STATIONS

ALTAMAHA RIVER BASIN

02216000 Little Ocmulgee River at Towns, Ga.

LOCATION.--Lat 32°00'28", long 82°45'10", Telfair County, at bridge on State Highway 134 at Towns, and 9 mi upstream from mouth.

DRAINAGE AREA.--329 mi^2.

PERIOD OF RECORD ANALYZED.--April 1937 to March 1946.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	4.1	4.4	5.1	6.2	9.0	10	17	33
5	2.8	3.0	3.2	3.6	4.7	5.4	7.4	16
10	2.2	2.6	2.7	2.8	3.4	4.1	5.0	12

02217000 Allen Creek at Talmo, Ga.

LOCATION.--Lat 34°11'34", long 83°43'11", Jackson County, 400 ft upstream from bridge on State Highway 11, 0.5 mi north of Talmo, and 5 mi upstream from confluence with Pond Fork.

DRAINAGE AREA.--17.3 mi^2.

PERIOD OF RECORD ANALYZED.--April 1952 to March 1971.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02217500, Middle Oconee River near Athens, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	6.6	7.4	8.0	8.5	9.6	10	11	13
5	4.6	5.0	5.3	6.1	6.6	7.6	8.5	10
10	3.0	3.3	3.5	4.4	4.7	5.6	6.9	8.5
20	2.2	2.4	2.7	3.2	3.8	4.5	5.5	7.1

02217500 Middle Oconee River near Athens, Ga.

LOCATION.--Lat 33°56'48", long 83°25'22", Clarke County, on left bank 0.5 mi upstream from U.S. Highway 29, 2 mi west of Athens, and 5 mi upstream from Barber Creek.

DRAINAGE AREA.--398 mi^2.

PERIOD OF RECORD ANALYZED.--April 1930 to March 1932, April 1938 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	110	130	145	155	180	200	220	260
5	69	78	84	100	112	135	155	200
10	40	45	49	65	72	90	120	155
20	27	30	35	44	55	68	88	120
30	23	26	32	36	47	60	75	105
50	19	22	29	30	40	52	69	88

CONTINUOUS-RECORD STATIONS

ALTAMAHA RIVER BASIN

02218500 Oconee River near Greensboro, Ga.

LOCATION.--Lat 33°34'52", long 83°16'22", Greene County, on right bank 300 ft downstream from bridge on State Highway 12, 1 mi downstream from Town Creek, 5 mi upstream from Apalachee River, 5 mi west of Greensboro, and 12 mi downstream from Barnett Shoals Dam.

DRAINAGE AREA.--1,090 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1904 to March 1974.

REMARKS.--Diurnal fluctuation and some regulation caused by Barnett Shoals powerplant.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	310	370	400	450	540	580	680	780
5	185	220	260	290	350	380	450	560
10	130	150	185	210	250	300	350	460
20	93	100	120	140	180	220	270	370
30	76	80	91	113	150	180	230	330
50	58	61	64	80	110	140	180	270

02219500 Apalachee River near Buckhead, Ga.

LOCATION.--Lat 33°36'31", long 83°20'58", Morgan County, at downstream side of right bank pier of bridge on State Highway 12, 2 mi downstream from Hard Labor Creek, 3 mi northeast of Buckhead, and 9 mi upstream from mouth.

DRAINAGE AREA.--436 mi^2.

PERIOD OF RECORD ANALYZED.--April 1902 to March 1908, April 1937 to March 1974.

REMARKS.--Diurnal fluctuation and slight regulation at times caused by powerplants above station.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	96	110	120	125	160	190	210	280
5	65	71	79	100	110	140	160	200
10	47	52	57	78	88	110	130	170
20	32	35	41	60	66	86	110	140
30	26	28	33	48	54	74	95	125
50	20	22	25	34	42	58	78	110

02220550 Whitten Creek near Sparta, Ga.

LOCATION.--Lat 33°23'13", long 83°01'29", Hancock County, in right bank 100 ft upstream from bridge on State Highway 15, 5 mi upstream from mouth, and 8.5 mi northwest of Sparta.

DRAINAGE AREA.--15 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1961 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	1.6	1.9	2.1	2.2	2.6	3.2	3.6	5.6
5	.91	1.0	1.2	1.3	1.6	2.0	2.2	3.8
10	.78	.88	.93	1.1	1.4	1.7	2.0	3.0
20	.71	.77	.81	.99	1.3	1.6	1.9	2.5

CONTINUOUS-RECORD STATIONS

ALTAMAHA RIVER BASIN

02221000 Murder Creek near Monticello, Ga.

LOCATION.--Lat 33°24'56", long 83°39'43", Jasper County, on left bank 350 ft upstream from bridge on State Highway 229, 0.8 mi upstream from Pittman Creek, 1.8 mi downstream from confluence of Robinson and Sheppard Creeks, and 8 mi north of Monticello.

DRAINAGE AREA.--24 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1952 to March 1971.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	3.2	4.2	4.6	5.2	6.7	7.7	8.4	10
5	2.5	2.8	3.2	3.7	4.2	5.2	5.6	6.6
10	1.9	2.1	2.4	2.5	2.7	3.9	4.4	5.2
20	1.4	1.6	1.7	1.8	1.9	2.8	3.2	4.2

02223000 Oconee River at Milledgeville, Ga.

LOCATION.--Lat 33°04'58", long 83°12'51", Baldwin County, at right bank on city of Milledgeville water works intake structure at Milledgeville, 0.5 mi upstream from bridge on State Highway 24, 3.8 mi downstream from Sinclair Dam of Georgia Power Co., and at mile 139.1.

DRAINAGE AREA.--2,950 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1955 to March 1974.

REMARKS.--Flow regulated by Sinclair Reservoir. For 1-day minimum flows, a consistent pattern amenable to frequency analysis does not appear to have been established. Data for the 1-day minimum flows are not presented.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2		400	560	670	950	1080	1150	1500
5		280	400	620	750	870	920	1050
10		250	350	450	670	780	830	920
20		230	320	405	610	710	770	810

02223300 Big Sandy Creek near Jeffersonville, Ga.

LOCATION.--Lat 32°48'15", long 83°24'58", Twiggs County, on downstream side of highway bridge on county road, 2.9 mi upstream from Myricks Mill, and 9 mi northwest of Jeffersonville.

DRAINAGE AREA.--31 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1959 to March 1971.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02213500, Tobesofkee Creek near Macon, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	6.1	6.4	6.7	7.2	8.4	9.0	9.6	11
5	4.3	4.9	5.3	5.7	6.4	7.0	7.5	8.8
10	3.0	3.6	3.8	4.5	5.3	5.8	6.4	7.8
20	2.4	2.8	3.0	3.6	4.4	5.0	5.4	6.9

CONTINUOUS-RECORD STATIONS

ALTAMAHA RIVER BASIN

02223500 Oconee River at Dublin, Ga.

LOCATION.--Lat 32°32'40", long 82°53'41", Laurens County, near left bank on downstream end of pier of bridge on U.S. Highway 80 at Dublin, and at mile 74.3.

DRAINAGE AREA.--4,400 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1956 to March 1974.

REMARKS.--Flow regulated by Sinclair Reservoir.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	670	820	930	1100	1400	1500	1700	2100
5	560	650	730	820	1100	1200	1300	1700
10	510	570	650	720	960	1100	1200	1500
20	470	511	590	650	870	1000	1100	1300

02224000 Rocky Creek near Dudley, Ga.

LOCATION.--Lat 32°29'38", long 83°08'49", Laurens County, on downstream side of highway bridge, 3.2 mi upstream from Buckhorn Branch, and 5 mi southwest of Dudley.

DRAINAGE AREA.--62.9 mi^2.

PERIOD OF RECORD ANALYZED.--April 1953 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	2.3	2.6	3.2	4.0	4.8	6.4	8.5	12
5	.72	1.1	1.4	2.1	2.8	3.4	4.4	6.6
10	.30	.62	.95	1.3	2.1	2.6	3.2	5.0
20	.12	.37	.61	.88	1.6	2.0	2.5	3.8
30	0	.23	.48	.62	1.4	1.8	2.1	3.3

02224500 Oconee River near Mount Vernon, Ga.

LOCATION.--Lat 32°11'28", long 82°37'53", Montgomery County, at bridge on U.S. Highway 280, 2 mi west of Mount Vernon.

DRAINAGE AREA.--5,110 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1938 to March 1952.

REMARKS.--Data represent period of natural flow before regulation by Sinclair Reservoir was begun.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	1120	1180	1230	1260	1490	1700	1780	2200
5	780	810	840	920	1140	1240	1450	1800
10	640	680	690	800	1000	1050	1300	1620
20	520	550	580	690	870	900	1200	1500

CONTINUOUS-RECORD STATIONS

ALTAMAHA RIVER BASIN

02225500 Ohoopee River near Reidsville, Ga.

LOCATION.--Lat 32°04'42", long 82°10'39", Tattnall County, on downstream side of pier near center of span of bridge on State Highway 56, 0.5 mi downstream from Brazells Creek, 1.5 mi downstream from Rocky Creek, 3.5 mi west of Reidsville, 6 mi downstream from Pendleton Creek, and 14 mi upstream from mouth.

DRAINAGE AREA.--1,110 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1904 to March 1907, April 1937 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	51	54	60	72	95	130	170	300
5	39	43	45	50	61	75	95	150
10	32	34	37	39	45	52	62	94
20	26	27	28	30	33	37	47	60
30	22	23	24	26	27	30	34	36
50	18	19	20	21	22	24	26	33

02226000 Altamaha River at Doctortown, Ga.
(International hydrological decade station)

LOCATION.--Lat 31°39'16", long 81°49'41", Wayne County, on right bank 60 ft downstream from Seaboard Coast Line Railroad bridge at Doctortown, 4.5 mi northeast of Jesup, and at mile 64.5.

DRAINAGE AREA.--13,600 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1932 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	3100	3200	3500	3800	4400	4800	5400	6200
5	2500	2550	2800	2900	3200	3500	3900	4700
10	2200	2250	2400	2500	2800	3000	3300	4000
20	2000	2050	2200	2250	2500	2700	2900	3600
30	1900	2000	2050	2100	2300	2600	2650	3300
50	1800	1850	1900	1950	2100	2400	2500	3000

02226100 Penholoway Creek near Jesup, Ga.

LOCATION.--Lat 31°34'00", long 81°50'18", Wayne County, on downstream side of bridge on U.S. Highway 341, 4 mi southeast of Jesup, and about 9.5 mi upstream from mouth.

DRAINAGE AREA.--210 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1959 to March 1971.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	0	0	0	0.10	3.0	20	42	94
5	0	0	0	0	2.5	4.5	16.5	46
10	0	0	0	0	0	1.0	6.6	21
20	0	0	0	0	0	.10	1.5	10

CONTINUOUS-RECORD STATIONS

SATILLA RIVER BASIN

02226500 Satilla River near Waycross, Ga.

LOCATION.--Lat 31°14'17", long 82°19'29", Ware County, on downstream side of pier near center of span of bridge on State Highway 38, 3 mi northeast of Waycross, and 16 mi upstream from Alabaha River.

DRAINAGE AREA.--1,200 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1938 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	26	29	32	38	52	97	150	320
5	16	17	18	20	28	39	60	140
10	12	13	14	15	20	27	37	85
20	9.6	10	11	12	14	21	24	54
30	8.3	9.0	9.5	11	12	17	19	41
50	6.5	7.0	7.5	8.8	9.3	13	14	28

02227000 Hurricane Creek near Alma, Ga.

LOCATION.--Lat 31°34'00", long 82°27'50", Bacon County, near center of span on downstream side of highway bridge on U.S. Highway 1, 1.5 mi north of Alma, and 11 mi upstream from Ten Mile Creek.

DRAINAGE AREA.--150 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1952 to March 1971.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	0	0	0	0.70	4.5	7.5	12	32
5	0	0	0	0	.16	.45	1.5	7.5
10	0	0	0	0	0	0	.10	1.5
20	0	0	0	0	0	0	0	.20
30	0	0	0	0	0	0	0	0

02227500 Little Satilla River near Offerman, Ga.

LOCATION.--Lat 31°27'04", long 82°03'17", Pierce County, at right bank pier of steel truss span of Seaboard Coast Line Railroad bridge, 1,500 ft downstream from bridge on State Highway 38, 4 mi northeast of Offerman, and 16 mi upstream from mouth.

DRAINAGE AREA.--646 mi^2.

PERIOD OF RECORD ANALYZED.--April 1952 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	1.2	1.4	1.6	3.5	12	29	69	145
5	.42	.55	.58	.86	2.5	6.5	14	43
10	.17	.23	.30	.33	.68	1.9	4.4	12
20	.05	.06	.07	.12	.21	.57	1.4	3.5
30	0	0	0	.05	.09	.30	.65	1.3

CONTINUOUS-RECORD STATIONS

SATILLA RIVER BASIN

02228000 Satilla River at Atkinson, Ga.

LOCATION.--Lat 31°13'16", long 81°52'03", Brantley County, on left bank piling 25 ft upstream from bridge on U.S. Highway 84, 400 ft downstream from Seaboard Coast Line Railroad bridge, and 1 mi west Atkinson.

DRAINAGE AREA.--2,790 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1931 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	87	95	98	110	180	260	430	940
5	51	53	55	62	84	100	170	380
10	37	38	40	43	59	65	95	180
20	28	29	30	31	38	44	57	92
30	23	24	25	26	30	41	43	60
50	19	20	21	22	28	29	30	35

CONTINUOUS-RECORD STATIONS

ST. MARYS RIVER BASIN

02228500 North Prong St. Marys River at Moniac, Ga.

LOCATION.--Lat 30°31'03", long 82°13'50", in NW quarter sec.8, T.1 N., R.21 E., Baker County, Fla., near right bank at upstream side of bridge on State Highways 2 and 94, 0.2 mi upstream from Georgia Southern & Florida Railway bridge, 0.4 mi west of Moniac, 1.0 mi downstream from Moccasin Creek, and 122 mi upstream from mouth of St. Marys River.

DRAINAGE AREA.--160 mi^2, approximately; includes part of watershed in Okefenokee Swamp, which is indeterminate.

PERIOD OF RECORD ANALYZED.--April 1922 to March 1934, April 1951 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	0.19	0.41	0.88	2.0	5.0	13	33	62
5	0	0	0	.10	.52	1.4	2.9	12
10	0	0	0	0	.10	.28	.56	1.9
20	0	0	0	0	*	*	.08	.13
30	0	0	0	0	0	0	0	0

02231000 St. Marys River near Macclenny, Fla.

LOCATION.--Lat 30°21'31", long 82°04'54", in NW quarter sec.2, T.2 S., R.22 E., Baker County, on right bank 200 ft downstream from site of former Stokes Bridge, 1 mi downstream from confluence of North and South Prongs, 6 mi northeast of Macclenny, and 100 mi upstream from mouth.

DRAINAGE AREA.--700 mi^2, approximately; includes part of watershed in Okefenokee Swamp, which is indeterminate.

PERIOD OF RECORD ANALYZED.--April 1927 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	32	33	36	42	55	85	150	310
5	19	20	21	24	29	38	58	90
10	15	16	18	20	23	27	37	51
20	14	15	17	18	20	22	27	35
30	13	15	16	17	18	20	23	29
50	12	13	15	16	17	18	19	24

* Flow less than 0.05 cfs.

CONTINUOUS-RECORD STATIONS

SUWANNEE RIVER BASIN

02314500 Suwannee River at Fargo, Ga.

LOCATION.--Lat 30°40'50", long 82°33'38", Clinch County, on downstream side of right bank pier of bridge on U.S. Highway 441 at Fargo, 4 mi upstream from Suwanoochee Creek, and 12 mi downstream from Mixons Ferry damsite.

DRAINAGE AREA.--About 1,260 mi^2, includes part of watershed in Okefenokee Swamp, which is indeterminate.

PERIOD OF RECORD ANALYZED.--April 1928 to March 1931, April 1937 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	66	69	86	110	150	180	260	460
5	6.4	8.1	12	16	20	38	60	130
10	1.1	1.2	2.2	3.2	5.0	8.5	14	48
20	0	0	.06	.38	1.2	1.6	2.9	11
30	0	0	0	*	.45	.59	1.0	3.0
50	0	0	0	0	.10	.15	.22	.26

02316000 Alapaha River near Alapaha, Ga.

LOCATION.--Lat 31°23'03", long 83°11'33", Berrien County, near right bank on downstream side of bridge on State Highway 50, 2 mi east of Alapaha, and 6 mi upstream from Willacoochee River.

DRAINAGE AREA.--663 mi^2.

PERIOD OF RECORD ANALYZED.--April 1938 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	1.3	1.9	2.5	4.4	9.0	15	28	89
5	.15	.25	.32	.62	1.1	2.8	6.3	20
10	*	.10	.14	.29	.55	1.4	2.2	6.1
20	0	0	0	.11	.30	.58	.70	1.7
30	0	0	0	.05	.17	.23	.31	.66
50	0	0	0	0	0	0	.06	.13

02317500 Alapaha River at Statenville, Ga.

LOCATION.--Lat 30°42'14", long 82°02'00", Echols County, at downstream side of left bank pier of bridge on State Highway 94, 0.2 mi west of Statenville.

DRAINAGE AREA.--1,400 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1932 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	48	50	58	62	83	110	150	250
5	29	31	33	35	41	55	73	125
10	24	25	27	30	36	43	57	94
20	20	21	24	28	32	36	48	75
30	18	19	22	26	30	33	44	65
50	16	18	20	24	29	30	39	56

Flow less than 0.05 cfs.

CONTINUOUS-RECORD STATIONS

SUWANNEE RIVER BASIN

02318000 Little River near Adel, Ga.

LOCATION.--Lat 31°09'18", long 83°32'38", Cook County, on right bank 500 ft downstream from bridge on State Highway 37, 0.5 mi downstream from Georgia & Florida Railroad bridge, 5.5 mi upstream from Bear Creek, 6 mi downstream from Warrior Creek, and 7 mi west of Adel.

DRAINAGE AREA.--577 mi^2.

PERIOD OF RECORD ANALYZED.--April 1941 to March 1961.

REMARKS.--Data represent period of natural flow before regulation by recreation lake upstream.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	4.4	4.8	5.5	7.4	11	19	30	60
5	1.9	2.4	2.5	3.0	4.6	7.0	10	25
10	1.0	1.2	1.3	1.6	2.5	3.6	4.6	13
20	.48	.58	.68	.85	1.4	1.9	2.1	6.2
30	.31	.36	.45	.59	1.0	1.2	1.4	3.8

02318500 Withlacoochee River near Quitman, Ga.

LOCATION.--Lat 30°47'36", long 83°27'13", Brooks County, at bridge on U.S. Highway 84, 800 ft downstream from Seaboard Coast Line Railroad bridge, 6 mi east of Quitman.

DRAINAGE AREA.--1,480 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1929 to March 1948.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02319000, Withlacoochee River near Pinetta, Fla.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	15	16	17	19	27	35	41	100
5	8.8	9.3	9.7	11	12	14	18	30
10	7.0	7.4	7.8	8.8	9.3	10	12	18
20	5.9	6.3	6.5	7.1	7.2	8.1	9.3	12

02319000 Withlacoochee River near Pinetta, Fla.

LOCATION.--Lat 30°35'43", long 83°15'35", in NW quarter sec.7, T.2N., R.11E., Madison County, on right bank 30 ft downstream from highway 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^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1932 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	140	145	150	155	190	220	250	420
5	100	105	110	115	120	130	150	210
10	87	90	93	100	105	110	120	155
20	79	82	84	88	89	95	105	120
30	76	77	80	83	84	89	94	110
50	72	74	75	78	80	82	85	93

OCHLOCKONEE RIVER BASIN

02327500 Ochlockonee River near Thomasville, Ga.

LOCATION.--Lat 30°52'32", long 84°02'44", Thomas County, on downstream side of left bank pier of bridge on U.S. Highway 84, 2 mi upstream from Seaboard Coast Line Railroad bridge, 4 mi upstream from Barnetts Creek, 5 mi northwest of Thomasville, and 6 mi downstream from Little Ochlockonee River.

DRAINAGE AREA.--550 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1938 to March 1971.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	12	15	17	24	33	48	62	120
5	6.0	6.6	7.6	9.0	12	16	24	46
10	4.6	4.9	5.5	6.3	7.7	10	14	26
20	3.2	4.0	4.2	4.9	5.6	7.4	9.3	17
30	2.7	3.6	3.8	4.2	4.8	6.1	7.4	14
50	2.2	3.2	3.4	3.6	4.1	4.9	5.6	10

02328000 Tired Creek near Cairo, Ga.

LOCATION.--Lat 30°51'54", long 84°15'46", Grady County, on left bank 140 ft upstream from highway bridge, 0.2 mi downstream from Wolf Creek, 1 mi downstream from Seaboard Coast Line Railroad bridge, and 3 mi west of Cairo.

DRAINAGE AREA.--60 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1944 to March 1971.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	3.5	4.5	4.8	8.2	14	17	20	27
5	1.4	1.5	1.8	3.1	5.0	7.8	9.7	14
10	.68	.76	.95	1.3	3.1	4.8	6.2	8.8
20	.22	.36	.52	1.1	2.1	3.4	4.1	5.8
30	.05	.22	.37	.89	1.7	2.8	3.2	4.6

02329000 Ochlockonee River near Havana, Fla.

LOCATION.--Lat 30°33'14", long 84°23'03", in SE quarter sec.24, T.2N., R.2W., Leon County, near left bank on downstream side of downstream bridge on divided U.S. Highway 27, 0.8 mi upstream from Seaboard Coast Line Railroad bridge, 4 mi downstream from Mill Creek, 5 mi southeast of Havana, and 94 mi upstream from mouth.

DRAINAGE AREA.--1,140 mi^2, approximately. At site used prior to January 1929, 1,220 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1927 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	65	71	80	97	140	180	220	380
5	35	37	40	45	58	74	93	155
10	27	28	31	33	42	49	63	110
20	22	23	25	26	31	36	46	84
30	19	21	22	23	27	30	39	71
50	17	18.5	19	20	22	26	32	59

CONTINUOUS-RECORD STATIONS

OCHLOCKONEE RIVER BASIN

02329500 Little River near Quincy, Fla.

LOCATION.--Lat 30°35'14", long 84°29'48", Gadsden County, near right bank at downstream side of bridge on State Highway 12, 0.5 mi southwest of Shady Rest, 1.1 mi downstream from confluence of Willacoochee and Attapulgus Creeks, 4.5 mi east of Quincy, and 12 mi upstream from mouth.

DRAINAGE AREA.--237 mi^2.

PERIOD OF RECORD ANALYZED.--April 1951 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	32	38	39	50	70	82	100	145
5	13	15	19	27	41	50	63	73
10	8.9	10	14	20	30	36	42	46
20	7.5	9.3	12	16	24	28	30	37
30	7.0	8.9	11	15	22	25	26	33

CONTINUOUS-RECORD STATIONS

APALACHICOLA RIVER BASIN

02331000 Chattahoochee River near Leaf, Ga.

LOCATION.--Lat 34°34'37", long 83°38'09", Habersham County, on left bank 700 ft upstream from bridge on State Highway 115, 1.5 mi east of Leaf, 2.5 mi downstream from Blue Creek, 3 mi upstream from Soque River, 7.5 mi southwest of Cleveland, and at mile 405.6.

DRAINAGE AREA.--150 mi^2.

PERIOD OF RECORD ANALYZED.--April 1940 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	130	140	145	160	190	200	210	230
5	100	105	110	120	135	140	160	180
10	88	90	93	110	115	120	140	160
20	80	82	84	90	100	110	120	150
30	75	78	79	85	91	100	110	145
50	70	74	75	77	84	95	100	140

02331600 Chattahoochee River near Cornelia, Ga.

LOCATION.--Lat 34°32'27", long 83°37'14", White County, on downstream side of Duncan Bridge, 1 mi downstream from Soque River, 6 mi northwest of Cornelia, and at mile 401.4.

DRAINAGE AREA.--315 mi^2.

PERIOD OF RECORD ANALYZED.--April 1958 to March 1974.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02331000, Chattahoochee River near Leaf, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	260	280	290	320	360	370	390	420
5	220	230	235	250	280	290	320	350
10	200	205	210	230	245	255	280	320
20	185	190	195	200	220	230	250	300

02333000 Chattahoochee River near Gainesville, Ga.

LOCATION.--Lat 34°19'37", long 83°52'30", Hall County, 1,100 ft upstream from State Highway 53 and 4 mi northwest of Gainesville. Now in Lake Sidney Lanier.

DRAINAGE AREA.--559 mi^2.

PERIOD OF RECORD ANALYZED.--April 1938 to March 1955.

REMARKS.--Data represent period of natural flow before inundation by Lake Sidney Lanier.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	390	440	460	480	540	560	600	700
5	280	320	340	360	390	420	450	540
10	240	280	285	300	340	360	380	480
20	210	220	240	260	280	300	340	420

CONTINUOUS-RECORD STATIONS

APALACHICOLA RIVER BASIN

02333500 Chestatee River near Dahlonega, Ga.

LOCATION.--Lat 34°31'41", long 83°56'23", Lumpkin County, on left bank 250 ft upstream from Bearden Bridge on State Highway 52, 2 mi downstream from Ballplay Creek, 2.5 mi east of Dahlonega, and 3.5 mi upstream from Yahoola Creek.

DRAINAGE AREA.--153 mi^2.

PERIOD OF RECORD ANALYZED.--April 1930 to March 1931, April 1940 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	110	115	120	140	150	170	180	210
5	80	83	90	100	115	120	130	160
10	68	69	76	84	92	100	120	140
20	58	59	65	71	78	86	97	130
30	53	54	59	64	68	77	88	120
50	47	48	52	56	60	69	80	110

02334430 Chattahoochee River at Buford Dam, near Buford, Ga.

LOCATION.--Lat 34°09'25", long 84°04'44", Forsyth County, on right bank 1,200 ft downstream from Buford Dam, 2.4 mi upstream from bridge on State Highway 20, 4 mi northwest of Buford, and at mile 348.1.

DRAINAGE AREA.--1,040 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1960 to March 1971, April 1972 to March 1974.

REMARKS.--Flow regulated by Lake Sidney Lanier.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	440	750	950	1040	1100	1300	1400	1700
5	370	680	780	830	880	970	1000	1400
10	340	630	700	730	770	810	870	1200
20	320	600	630	650	680	690	750	1100

02335000 Chattahoochee River near Norcross, Ga.

LOCATION.--Lat 33°59'50", long 84°12'07", Gwinnett County, on downstream side of right bank pier of bridge on State Highway 141, 1.5 mi upstream from John Creek, 4.5 mi north of Norcross, 6.5 mi downstream from Suwanee Creek, 18 mi downstream from Buford Dam, and at mile 330.8.

DRAINAGE AREA.--1,170 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1959 to March 1974.

REMARKS.--Flow regulated by Lake Sidney Lanier.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	590	970	1100	1200	1400	1500	1800	2000
5	530	760	870	930	1100	1300	1400	1700
10	480	640	730	760	960	1100	1200	1600
20	430	550	570	610	890	950	970	1500

CONTINUOUS-RECORD STATIONS

APALACHICOLA RIVER BASIN

02335500 Chattahoochee River near Roswell, Ga.

LOCATION.--Lat 34°00'20", long 84°19'53", Fulton County, on right bank 1.5 mi upstream from Big Creek and bridge on U.S. Highway 19, 2 mi southeast of Roswell, and at mile 318.8.

DRAINAGE AREA.--1,230 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1942 to March 1955.

REMARKS.--Data represent period before regulation by Lake Sidney Lanier. Diversions are made above the station by DeKalb County for municipal supply.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	740	790	880	950	1100	1150	1200	1400
5	520	560	600	650	730	810	920	1100
10	440	480	510	560	610	700	800	1000
20	400	430	450	490	540	630	720	890

02335700 Big Creek near Alpharetta, Ga.

LOCATION.--Lat 34°03'02", long 84°16'10", Fulton County, on left bank at downstream side of county highway bridge, 2.6 mi southeast of Alpharetta, and 9.4 mi upstream from mouth.

DRAINAGE AREA.--72 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1961 to March 1974.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02206500, Yellow River near Snellville, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	16	18	19	23	28	31	33	40
5	8.7	11	12	14	19	22	25	29
10	5.4	5.9	7.0	8.6	13	16	18	25
20	4.0	4.2	4.9	6.3	9.0	12	14	22

02336000 Chattahoochee River at Atlanta, Ga.

LOCATION.--Lat 33°51'33", long 84°27'16", Fulton County, on left bank 20 ft upstream from Paces Ferry Bridge at Atlanta, 1 mi downstream from Rottenwood Creek, 2.5 mi upstream from Peachtree Creek, and at mile 303.0.

DRAINAGE AREA.--1,450 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1959 to March 1974.

REMARKS.--Flow regulated by Lake Sidney Lanier and Morgan Falls hydroelectric plant. Diversions are made above the station by Gwinnett, DeKalb, and Cobb Counties for municipal supply.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	930	1200	1300	1400	1700	1800	2000	2200
5	760	1000	1100	1150	1300	1500	1700	1900
10	660	860	920	960	1200	1400	1600	1800
20	560	750	780	800	1100	1300	1500	1700

CONTINUOUS-RECORD STATIONS

APALACHICOLA RIVER BASIN

02336300 Peachtree Creek at Atlanta, Ga.

LOCATION.--Lat 33°49'10", long 84°24'28", Fulton County, on downstream side of bridge on Northside Drive at Atlanta, 0.4 mi downstream from Tanyard Branch, and 4 mi upstream from mouth.

DRAINAGE AREA.--86.8 mi^2.

PERIOD OF RECORD ANALYZED.--April 1959 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	16	19	24	31	42	57	67	89
5	11	14	15	21	30	36	42	58
10	9.2	11	12	16	24	29	34	44
20	7.8	9.0	10	13	19	25	30	33

02337000 Sweetwater Creek near Austell, Ga.

LOCATION.--Lat 33°46'22", long 84°36'53", Douglas County, on right bank 100 ft upstream from bridge on Interstate Highway 20, 400 ft upstream from Blair Bridge, 3 mi southeast of Austell, and 5.5 mi upstream from mouth.

DRAINAGE AREA.--246 mi^2.

PERIOD OF RECORD ANALYZED.--April 1938 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	38	44	48	59	76	89	96	150
5	21	24	30	37	46	65	78	110
10	13	15	18	22	30	48	57	84
20	7.5	8.9	9.8	12	19	30	38	61
30	5.3	6.2	6.7	8.2	14	22	29	51
50	3.2	3.8	4.1	5.0	8.4	14	20	40

02337500 Snake Creek near Whitesburg, Ga.

LOCATION.--Lat 33°31'46", long 84°55'42", Carroll County, at downstream end of left bank pier of highway bridge, at Banning Mills, 1.5 mi north of State Highway 16, 3 mi northwest of Whitesburg, 4 mi downstream from Little Snake Creek, and 7 mi upstream from mouth.

DRAINAGE AREA.--37 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1955 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	14	16	17	20	23	25	28	33
5	11	12	13	14	18	19	21	27
10	8.6	9.2	10	12	14	16	18	22
20	6.4	7.2	8.1	10	12	13	15	17

CONTINUOUS-RECORD STATIONS

APALACHICOLA RIVER BASIN

02338000 Chattahoochee River near Whitesburg, Ga.

LOCATION.--Lat 33°28'37", long 84°54'04", Carroll County, at downstream end of right bank pier of bridge on State Highway 16, 0.5 mi upstream from Central of Georgia Railroad bridge, 1.2 mi southeast of Whitesburg, 1.5 mi downstream from Cedar Creek, 2.0 mi downstream from Snake Creek, and at mile 259.8.

DRAINAGE AREA.--2,430 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1965 to March 1974.

REMARKS.--Flow regulated by Lake Sidney Lanier. Diversions are made above the station by Gwinnett, DeKalb, and Cobb Counties for municipal supply.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	1500	1800	2000	2200	2600	2800	3000	3200
5	1300	1600	1700	1900	2200	2400	2600	2800
10	1200	1400	1500	1800	2100	2200	2400	2500

02339000 Yellowjacket Creek near La Grange, Ga.

LOCATION.--Lat 33°05'27", long 85°03'40", Troup County, at downstream end of right bank pier of bridge on State Highway 219, 1.2 mi downstream from Beech Creek, 2 mi upstream from Jackson Creek, 4.2 mi northwest of La Grange.

DRAINAGE AREA.--182 mi^2.

PERIOD OF RECORD ANALYZED.--April 1951 to March 1971.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	32	35	38	50	55	68	70	100
5	14	17	20	26	36	42	48	69
10	9.5	12	14	19	27	32	38	54
20	7.4	9.0	10	14	20	25	31	45
30	6.6	7.9	8.7	12	17	22	28	41

02339500 Chattahoochee River at West Point, Ga.

LOCATION.--Lat 32°53'10", long 85°10'56", Troup County, on right bank just downstream from Oseligee Creek at West Point, 1 mi upstream from bridge on U.S. Highway 29, and at mile 198.9.

DRAINAGE AREA.--3,550 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1959 to March 1974.

REMARKS.--Flow regulated by Lake Sidney Lanier. Data represent period before regulation by West Point Lake began.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	1600	2200	2400	2700	3100	3300	3400	4000
5	1400	1800	2000	2400	2800	3000	3200	3500
10	1300	1600	1800	2200	2600	2900	3100	3400
20	1200	1500	1600	2100	2500	2800	3000	3300

APALACHICOLA RIVER BASIN

02340500 Mountain Oak Creek near Hamilton, Ga.

LOCATION.--Lat 32°44'28", long 85°04'08", Harris County, on right bank 300 ft upstream from bridge on State Highway 103, 5 mi upstream from mouth, and 11 mi west of Hamilton.

DRAINAGE AREA.--61.7 mi^2.

PERIOD OF RECORD ANALYZED.--April 1944 to March 1971.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	13	16	18	20	25	28	30	34
5	8.4	9.2	10	12	14	17	19	24
10	6.2	6.8	8.0	9.4	11	12	15	20
20	4.6	5.3	6.4	7.2	8.1	9.5	12	19
30	4.0	4.6	5.8	6.2	7.0	8.3	10	18

02341500 Chattahoochee River at Columbus, Ga.

LOCATION.--Lat 32°27'45", long 84°59'52", Muscogee County, on downstream side of center pier of Central of Georgia Railway bridge at Columbus, 0.5 mi downstream from Eagle and Phenix Dam, 1.2 mi downstream from City Mills Dam, 2.6 mi downstream from North Highlands Dam, 3.3 mi downstream from Oliver Dam, 17.5 mi downstream from Bartletts Ferry Dam, and at mile 159.9.

DRAINAGE AREA.--4,670 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1960 to March 1974.

REMARKS.--Flow regulated by Lake Sidney Lanier and Bartletts Ferry Reservoir (Lake Harding). Data represent period before regulation by West Point Lake began.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	830	1900	2400	3000	3500	3700	3900	4400
5	690	1600	2000	2600	3000	3200	3500	3900
10	630	1400	1900	2500	2800	3100	3400	3700
20	590	1300	1700	2400	2700	2900	3300	3600

02343200 Pataula Creek near Lumpkin, Ga.

LOCATION.--Lat 31°56'03", long 84°48'12", Stewart County, near right bank on downstream side of bridge on U.S. Highway 27, 1.3 mi upstream from Brier Creek, and 8 mi south of Lumpkin.

DRAINAGE AREA.--70 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1959 to March 1971.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02353500, Ichawaynochaway Creek at Milford, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	27	30	32	36	40	50	54	62
5	17	19	20	23	30	31	34	43
10	14	15	17	19	24	27	28	35
20	12	14	15	16	19	20	23	28

CONTINUOUS-RECORD STATIONS

APALACHICOLA RIVER BASIN

02344300 Camp Creek near Fayetteville, Ga.

LOCATION.--Lat 33°31'00", long 84°25'39", Fayette County, on downstream side of bridge on State Highway 85, 3.5 mi upstream from mouth, and 5.2 mi north of Fayetteville.

DRAINAGE AREA.--17.2 mi^2.

PERIOD OF RECORD ANALYZED.--April 1961 to March 1973.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02206500, Yellow River near Snellville, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	4.8	5.4	5.5	6.4	7.5	8.1	8.5	9.8
5	3.0	3.7	4.0	4.2	5.5	6.3	6.8	7.7
10	2.1	2.2	2.5	3.0	4.1	4.8	5.4	6.8
20	1.6	1.7	1.9	2.3	3.1	3.7	4.4	6.1

02344500 Flint River near Griffin, Ga.

LOCATION.--Lat 33°14'39", long 84°25'45", Spalding County, at downstream side of pier of bridge on State Highway 16, 1.5 mi downstream from Shoal Creek, 5.5 mi upstream from Line Creek, 10 mi west of Griffin, and at mile 304.4.

DRAINAGE AREA.--272 mi^2.

PERIOD OF RECORD ANALYZED.--April 1938 to March 1974.

REMARKS.--Diversions are made above the station by city of Griffin for municipal supply.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	44	49	54	64	80	98	120	150
5	24	27	32	43	53	65	74	110
10	13	15	20	28	38	46	65	87
20	6.4	8.1	11	16	26	32	47	66
30	4.2	5.4	7.2	11	21	25	36	55
50	2.4	3.1	4.1	5.8	16	18	23	42

02344700 Line Creek near Senoia, Ga.

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

DRAINAGE AREA.--101 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1965 to March 1974.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02337000, Sweetwater Creek near Austell, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	11	13	14	18	23	27	28	45
5	6.2	7.0	8.5	11	13	19	23	33
10	3.9	4.5	5.3	6.5	8.7	14	17	25

APALACHICOLA RIVER BASIN

02346500 Potato Creek near Thomaston, Ga.

LOCATION.--Lat 32°54'15", long 84°21'45", Upson County, on right bank 300 ft downstream from State Highway 74, 600 ft downstream from Basin Creek, 1,000 ft downstream from Central of Georgia Railway bridge, 1 mi downstream from Ten Mile Creek, and 2.5 mi northeast of Thomaston.

DRAINAGE AREA.--186 mi^2.

PERIOD OF RECORD ANALYZED.--April 1938 to March 1971.

REMARKS.--Diversions are made above the station for municipal and industrial supplies at Thomaston.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	22	27	30	40	49	60	69	86
5	11	16	19	22	28	37	45	65
10	5.6	11	12	15	18	26	33	51
20	2.5	5.6	6.4	9.0	10	17	24	40
30	1.5	3.5	4.1	5.8	7.0	13	19	34
50	0	1.8	2.0	2.3	3.9	8.5	14	28

02347500 Flint River near Culloden, Ga.

LOCATION.--Lat 32°43'17", long 84°13'57", Upson County, on left bank underneath bridge on U.S. Highway 19, 4 mi upstream from Auchumpkee Creek, 5 mi downstream from Swift Creek, 13 mi southwest of Culloden, and at mile 238.4.

DRAINAGE AREA.--1,850 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1912 to March 1923, April 1929 to March 1931, April 1937 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	380	410	460	560	660	750	880	1000
5	210	240	270	335	420	530	590	780
10	160	180	200	240	300	400	470	680
20	120	140	150	175	210	290	370	570
30	110	125	130	150	180	240	330	510
50	89	100	105	115	140	190	280	450

02349000 Whitewater Creek near Butler, Ga.

LOCATION.--Lat 32°28'02", long 84°15'59", Taylor County, at bridge on U.S. Highway 19 and 6.5 mi south of Butler.

DRAINAGE AREA.--80 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1952 to March 1971.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	122	124	129	132	137	140	142	146
5	109	111	112	118	122	125	127	130
10	102	106	108	112	117	119	121	125
20	99	104	105	111	114	116	119	122

CONTINUOUS-RECORD STATIONS

APALACHICOLA RIVER BASIN

02349500 Flint River at Montezuma, Ga.

LOCATION.--Lat 32°17'53", long 84°02'38", Macon County, near left bank on downstream end of pier of bridge on State Highways 26 and 49, 1,000 ft upstream from Central of Georgia Railway bridge, 1,400 ft upstream from Seaboard Coast Line Railroad (formerly Atlanta, Birmirgham and Coast) bridge, just upstream from Buck Creek, 1 mi west of Montezuma, and at mile 180.6.

DRAINAGE AREA.--2,900 mi^2, approximately; includes that of Buck Creek.

PERIOD OF RECORD ANALYZED.--April 1905 to March 1912, April 1931 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	970	1000	1050	1150	1250	1450	1550	1850
5	710	720	780	890	1000	1150	1250	1500
10	620	680	710	780	880	1100	1200	1300
20	580	650	700	710	780	900	1100	1200
30	570	630	680	690	740	850	950	1100
50	560	620	660	670	690	760	850	1000

02349900 Turkey Creek at Byromville, Ga.

LOCATION.--Lat 32°11'44", long 83°54'03", Dooly County, on downstream side of bridge on State Highway 90, 0.5 mi southwest of Byromville, and 11 mi upstream from mouth.

DRAINAGE AREA.--45 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1959 to March 1974.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02353500, Ichawaynochaway Creek at Milford, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	4.4	5.1	5.3	6.1	6.9	8.6	9.6	11
5	2.7	3.0	3.3	3.7	4.9	5.1	5.8	7.5
10	2.1	2.4	2.6	3.1	3.9	4.0	4.6	5.9
20	1.9	2.1	2.3	2.6	3.1	3.2	3.7	4.7

02350500 Flint River at Oakfield, Ga.

LOCATION.--Lat 31°46'07", long 83°59'24", Worth County, at Georgia Southwestern & Gulf Railroad bridge, 1 mi southwest of Oakfield.

DRAINAGE AREA.--3,860 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1930 to March 1958.

REMARKS.--Flow regulated by Crisp County powerplant and Warwick Reservoir.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	430	1300	1400	1500	1700	1800	2000	2400
5	260	910	1050	1100	1200	1400	1600	1700
10	200	760	920	960	1000	1200	1400	1500
20	170	660	840	870	910	1000	1200	1300
30	150	610	800	830	850	950	1100	1250

APALACHICOLA RIVER BASIN

02350600 Kinchafoonee Creek at Preston, Ga.

LOCATION.--Lat 32°03'09", long 84°32'54", Webster County, near right bank on downstream side of bridge on State Highway 41, 1 mi southwest of Preston, and 1 mi upstream from Harrel Mill Creek.

DRAINAGE AREA.--197 mi^2.

PERIOD OF RECORD ANALYZED.--April 1952 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	46	49	51	60	73	81	96	120
5	28	31	33	40	50	58	64	79
10	23	25	28	34	42	50	56	63
20	19	21	26	30	38	46	52	53
30	17	19	24	28	36	45	48	49

02352500 Flint River at Albany, Ga.

LOCATION.--Lat 31°35'39", long 84°04'39", Dougherty County, on right bank at downstream side of Georgia Northern Railway bridge in Albany, and at mile 103.4.

DRAINAGE AREA.--5,310 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1932 to March 1974.

REMARKS.--Flow regulated by powerplants at Flint River Reservoir and Warwick Reservoir.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	880	1600	1700	1900	2200	2500	2700	3100
5	690	1200	1300	1500	1700	1900	2100	2500
10	610	1000	1100	1300	1500	1700	1900	2200
20	560	890	1000	1200	1400	1600	1700	2000
30	530	830	940	1100	1300	1500	1600	1900
50	510	760	870	1000	1200	1400	1500	1800

02353400 Pachitla Creek near Edison, Ga.

LOCATION.--Lat 31°33'17", long 84°40'43", Calhoun County, on downstream side of bridge on State Highway 37, 2.2 mi upstream from Neals Creek, 3.6 mi east of Edison, and 8.5 mi upstream from mouth.

DRAINAGE AREA.--188 mi^2.

PERIOD OF RECORD ANALYZED.--April 1960 to March 1971.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02353500, Ichawaynochaway Creek at Milford, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	70	79	82	92	100	120	135	150
5	46	50	55	61	77	79	88	110
10	38	42	46	52	63	65	72	89
20	35	38	41	45	52	54	61	74

CONTINUOUS-RECORD STATIONS

APALACHICOLA RIVER BASIN

02353500 Ichawaynochaway Creek at Milford, Ga.

LOCATION.--Lat 31°22'58", long 84°32'52", Baker County, on downstream end of left bank pier of bridge on State Highway 216 at Milford, 2.2 mi upstream from Alligator Creek, and 5.5 mi upstream from Chickasawhatchee Creek.

DRAINAGE AREA.--620 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1906 to March 1907, April 1940 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	230	250	260	290	320	380	400	450
5	155	165	180	200	240	250	280	340
10	130	140	155	170	200	210	230	280
20	120	130	140	150	170	180	200	240
30	115	120	130	140	150	165	180	210
50	110	115	120	130	135	150	165	180

02354000 Alligator Creek near Milford, Ga.

LOCATION.--Lat 31°21'17", long 84°36'58", Baker County, 100 ft downstream from bridge on State Highway 91, and 2 mi southwest of Milford.

DRAINAGE AREA.--14 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1942 to March 1952.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	0	0	*	0.25	0.60	1.5	2.2	2.6
5	0	0	0	0	0	0	*	.15
10	0	0	0	0	0	0	0	*

02354500 Chickasawhatchee Creek at Elmodel, Ga.

LOCATION.--Lat 31°28'09", long 84°20'10", Baker County, at bridge on State Highway 37 at Elmodel.

DRAINAGE AREA.--320 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1940 to March 1949.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02353500, Ichawaynochaway Creek at Milford.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	14	16	17	22	25	39	45	61
5	5.6	6.6	7.8	11	15	16	20	30
10	3.7	4.5	5.6	7.2	10	11	14	21

* Flow less than 0.05 cfs.

CONTINUOUS-RECORD STATIONS

APALACHICOLA RIVER BASIN

02356000 Flint River at Bainbridge, Ga.

LOCATION.--Lat 30°54'41", long 84°34'48", Decatur County, on downstream side of right major pier of Decatur County Memorial Bridge on U.S. Highway 84 at Bainbridge, 0.2 mi downstream from Seaboard Coast Line Railroad bridge, at mile 29.0, and 29.2 mi upstream from Jim Woodruff Dam.

DRAINAGE AREA.--7,570 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1932 to March 1971.

REMARKS.--Flow regulated by powerplants at Flint River Reservoir and at Warwick Reservoir.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	2700	3200	3400	3500	3900	4200	4500	5000
5	2200	2600	2700	2800	3100	3300	3500	3900
10	2000	2300	2400	2500	2800	3000	3200	3500
20	1800	2100	2200	2300	2600	2700	2900	3200
30	1700	2000	2100	2200	2500	2600	2800	3000
50	1600	1900	2000	2100	2300	2500	2600	2800

02357000 Spring Creek near Iron City, Ga.

LOCATION.--Lat 31°02'23", long 84°44'18", Seminole County, on right bank 125 ft downstream from highway bridge, 1.5 mi downstream from Aycock Creek, 1.5 mi upstream from Dry Creek, 5 mi north of Brinson, and 5.5 mi northeast of Iron City.

DRAINAGE AREA.--485 mi^2.

PERIOD OF RECORD ANALYZED.--April 1938 to March 1971.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	52	58	62	67	80	100	120	150
5	27	29	30	34	41	46	56	82
10	17	18	19	21	25	30	35	52
20	11	12	13	14	16	20	23	33
30	8.4	9.0	10	11	12	15	18	26
50	6.0	6.5	7.5	8.0	8.8	11	13	19

MOBILE RIVER BASIN

02379500 Cartecay River near Ellijay, Ga.

LOCATION.--Lat 34°40'53", long 84°27'20", Gilmer County, on right bank adjacent to State Highway 52, 0.8 mi downstream from Owltown Creek, 2 mi southeast of Ellijay, and 2 mi upstream from confluence with Ellijay River.

DRAINAGE AREA.--135 mi^2.

PERIOD OF RECORD ANALYZED.--April 1938 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	99	105	110	115	130	140	155	170
5	90	92	95	100	110	120	125	140
10	80	82	86	89	97	105	110	130
20	70	73	78	80	88	97	105	120
30	65	70	73	75	83	93	97	115
50	59	66	68	70	77	86	92	110

02380000 Ellijay River at Ellijay, Ga.

LOCATION.--Lat 34°41'06", long 84°28'40", Gilmer County, on left bank at downstream side of bridge on State Highway 5 at Ellijay, 1 mi upstream from confluence with Cartecay River.

DRAINAGE AREA.--90 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1953 to March 1968.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02387000, Conasauga River at Tilton, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	49	51	57	62	85	105	110	155
5	42	44	46	54	60	69	80	105
10	38	40	42	45	52	59	70	92
20	34	36	39	41	47	50	63	83

02380500 Coosawattee River near Ellijay, Ga.

LOCATION.--Lat 34°40'18", long 84°30'31", Gilmer County, on right bank 0.5 mi downstream from State Highway 5, 2 mi southwest of Ellijay, and 2.2 mi downstream from confluence of Cartecay and Ellijay Rivers.

DRAINAGE AREA.--238 mi^2.

PERIOD OF RECORD ANALYZED.--April 1939 to March 1949, April 1964 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	150	160	175	180	220	230	260	280
5	120	130	140	150	170	180	200	230
10	110	120	125	130	150	160	180	220
20	105	110	115	120	140	155	170	210
30	100	105	110	115	135	150	165	205

02382000 Scarecorn Creek at Hinton, Ga.

LOCATION.--Lat 34 28'04", long 84 35'30", Pickens County, on left bank 100 ft upstream from bridge on State Highway 53, 0.2 mi west of Hinton, 1 mi upstream from Dean's Mill, and 5 mi upstream from mouth.

DRAINAGE AREA.--21.1 mi^2.

PERIOD OF RECORD ANALYZED.--April 1940 to March 1942, April 1960 to March 1974.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02389000, Etowah River near Dawsonville, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	2.9	3.0	3.3	4.2	5.0	6.0	7.0	9.4
5	1.3	1.4	1.7	1.9	2.4	2.9	3.5	5.1
10	.93	.97	1.1	1.3	1.6	2.0	2.4	3.7
20	.69	.72	.79	.90	1.1	1.4	1.8	2.8

02382300 Talking Rock Creek near Carters, Ga.

LOCATION.--Lat 34 35'20", long 84 40'05", Murray County, near center of channel on downstream side of pier of bridge on State Highway 156, 2.1 mi upstream from mouth, and 2.2 mi southeast of Carters.

DRAINAGE AREA.--142 mi^2.

PERIOD OF RECORD ANALYZED.--April 1964 to March 1971.

REMARKS.--Data represent period before site was inundated by Carters Re-regulation Dam.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	48	50	55	65	71	76	78	94
5	34	37	39	47	57	58	62	73
10	29	30	32	41	52	54	59	67

02382500 Coosawattee River at Carters, Ga.

LOCATION.--Lat 34 36'15", long 84 41'29", Murray County, on downstream side of left bank pier of bridge on U.S. Highway 411 at Carters, 200 ft upstream from Louisville & Nashville Railroad bridge, and 0.6 mi downstream from Talking Rock Creek.

DRAINAGE AREA.--531 mi^2.

PERIOD OF RECORD ANALYZED.--April 1897 to March 1908, April 1919 to March 1923, April 1962 to March 1972.

REMARKS.--Data represent period of natural flow before regulation by Carters Lake.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	320	340	360	410	440	480	550	710
5	280	290	310	330	370	400	430	470
10	225	230	250	270	300	310	340	390
20	190	195	200	220	230	235	270	340
30	170	175	180	185	190	195	240	320

02383000 Rock Creek near Fairmount, Ga.

LOCATION.--Lat 34°21'32", long 84°46'46", Bartow County, on right upstream wingwall of culvert on State Highway 140, 2.8 mi upstream from mouth, and 7 mi southwest of Fairmount.

DRAINAGE AREA.--5.61 mi^2.

PERIOD OF RECORD ANALYZED.--April 1952 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	0.70	0.80	0.90	0.95	1.1	1.3	1.5	2.0
5	.48	.50	.57	.70	.81	.94	1.1	1.4
10	.34	.40	.48	.61	.76	.89	1.0	1.3
20	.24	.34	.44	.55	.72	.84	.97	1.2
30	.19	.32	.42	.51	.70	.82	.95	1.1

02383500 Coosawattee River at Pine Chapel, Ga.

LOCATION.--Lat 34°34'37", long 84°51'35", Gordon County, at downstream edge of highway bridge at Pine Chapel, 4 mi downstream from Sallacoa Creek, 5 mi east of Resaca, and 6 mi upstream from confluence with Conasauga River.

DRAINAGE AREA.--856 mi^2.

PERIOD OF RECORD ANALYZED.--April 1939 to March 1974.

REMARKS.--Data represent period before regulation by Carters Lake.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	340	360	380	430	480	530	590	710
5	290	300	310	340	400	440	470	570
10	260	275	280	300	340	390	420	520
20	240	245	250	270	300	360	380	480
30	220	230	240	250	270	340	360	460
50	210	215	225	230	240	320	330	440

02385500 Mill Creek at Dalton, Ga.

LOCATION.--Lat 34°47'18", long 84°58'30", Whitfield County, 1,000 ft upstream from city pumping plant, and 1.5 mi upstream from Southern Railway bridge at Dalton.

DRAINAGE AREA.--38.4 mi^2.

PERIOD OF RECORD ANALYZED.--April 1944 to March 1959.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02398000, Chattooga River at Summerville, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	16	17	18	18.5	19	21	23	29
5	12	15	16	16.5	17.5	18	20	23
10	11	14	15	16	17	17.5	19	20
20	9.9	13.5	14.5	15	16	16.5	17	19

CONTINUOUS-RECORD STATIONS

MOBILE RIVER BASIN

02385800 Holly Creek near Chatsworth, Ga.

LOCATION.--Lat 34°43'00", long 84°46'12", Murray County, on right bank 100 ft upstream from bridge on county road, 3 mi upstream from Rock Creek, and 3.3 mi south of Chatsworth.

DRAINAGE AREA.--64.9 mi^2.

PERIOD OF RECORD ANALYZED.--April 1961 to March 1974.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02387000, Conasauga River at Tilton, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	5.0	5.4	6.9	7.9	15	22	26	48
5	3.8	4.1	4.5	6.2	7.2	9.8	13	22
10	3.1	3.4	3.8	4.3	5.8	7.2	10	18
20	2.5	2.8	3.2	3.5	4.6	5.3	8.4	14

02387000 Conasauga River at Tilton, Ga.

LOCATION.--Lat 34°40'00", long 84°55'42", Murray County, on left bank 250 ft downstream from highway bridge, 0.2 mi downstream from Swamp Creek, 0.5 mi northeast of Tilton, and 12 mi upstream from confluence with Coosawattee River.

DRAINAGE AREA.--682 mi^2.

PERIOD OF RECORD ANALYZED.--April 1938 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	110	115	130	140	190	240	260	360
5	95	99	105	120	130	155	180	240
10	85	89	95	100	120	130	160	210
20	76	81	87	91	105	115	145	190
30	70	76	84	87	100	105	140	180
50	64	70	80	82	95	96	130	170

02387500 Oostanaula River at Resaca, Ga.

LOCATION.--Lat 34°34'42", long 84°56'29", Gordon County, near left bank on downstream side of pier of bridge on U.S. Highway 41 at Resaca, 200 ft downstream from Nashville, Chattanooga & St. Louis Railway bridge, 0.8 mi upstream from Camp Creek, and 3.5 mi downstream from confluence of Conasauga and Coosawattee Rivers.

DRAINAGE AREA.--1,610 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1893 to March 1974.

REMARKS.--Data represent period of natural flow before regulation by Carters Lake.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	480	500	550	620	740	800	880	1180
5	360	380	400	450	530	580	790	860
10	310	340	350	370	440	500	610	750
20	270	290	300	310	380	430	540	670
30	250	260	270	280	340	390	500	630
50	230	235	240	250	300	340	460	580

CONTINUOUS-RECORD STATIONS

MOBILE RIVER BASIN

02388000 West Armuchee Creek near Subligna, Ga.

LOCATION.--Lat 34°34'04", long 85°09'16", Chattooga County, on left bank 500 ft downstream from bridge on county road, 1 mi upstream from Ruff Creek, and 2 mi east of Subligna.

DRAINAGE AREA.--34.5 mi^2.

PERIOD OF RECORD ANALYZED.--April 1961 to March 1974.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02398000, Chattooga River at Summerville, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	6.1	6.9	7.1	7.7	8.3	9.5	11	15
5	3.9	6.1	6.3	6.4	7.0	7.5	8.6	11
10	3.2	5.4	5.7	6.1	6.5	7.2	7.8	8.8
20	3.0	5.0	5.3	5.8	6.3	6.5	6.9	7.8

02388500 Oostanaula River near Rome, Ga.

LOCATION.--Lat 34°18'02", long 85°08'30", Floyd County, on left bank 1.2 mi upstream from Dry Creek, 4.5 mi north of Rome, 4.5 mi upstream from confluence with Etowah River, and 6.5 mi downstream from Armuchee Creek.

DRAINAGE AREA.--2,120 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1940 to March 1974.

REMARKS.--Data represent period of natural flow before regulation by Carters Lake.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	600	640	660	740	860	970	1100	1300
5	500	540	560	620	680	760	840	1100
10	460	510	520	570	610	670	770	960
20	420	490	500	540	570	600	710	900
30	400	480	490	520	550	570	680	870
50	380	460	480	510	520	530	660	840

02389000 Etowah River near Dawsonville, Ga.

LOCATION.--Lat 34°22'57", long 84°03'21", Dawson County, on left bank 0.4 mi upstream from Palmer Creek, 0.5 mi upstream from bridge on State Highway 53, 1.2 mi downstream from Russell Creek, 4 mi southeast of Dawsonville, and 7.5 mi upstream from Shoal Creek.

DRAINAGE AREA.--103 mi^2.

PERIOD OF RECORD ANALYZED.--April 1941 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	97	98	100	110	120	130	140	160
5	71	72	77	82	90	97	105	120
10	61	62	65	70	76	83	90	110
20	54	55	57	60	64	71	79	95
30	50	51	53	56	59	65	74	89
50	46	47	48	51	53	59	69	83

CONTINUOUS-RECORD STATIONS

MOBILE RIVER BASIN

02389300 Shoal Creek near Dawsonville, Ga.

LOCATION.--Lat 34°25'13", long 84°06'47", Dawson County, on left bank at downstream side of relocated bridge on State Highway 53, 650 ft upstream from Flat Creek, 1 mi west of Dawsonville, and 6.5 mi upstream from mouth.

DRAINAGE AREA.--20.5 mi^2.

PERIOD OF RECORD ANALYZED.--April 1959 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	17	17.5	18	20	21	22	24	26
5	13	13.5	14	15	16	17	18	21
10	11	11.5	12	13	14	15	16	19
20	10	10.5	11	11.5	12	13	14	17

02390000 Amicalola Creek near Dawsonville, Ga.

LOCATION.--Lat 34°25'32", long 84°12'43", Dawson County, at State Highway 53, 5.5 mi west of Dawsonville.

DRAINAGE AREA.--84.7 mi^2.

PERIOD OF RECORD ANALYZED.--April 1939 to March 1952.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02389000, Etowah River near Dawsonville, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	81	82	84	91	97	105	110	120
5	63	64	67	71	76	81	86	98
10	55	56	58	62	66	71	76	88
20	50	51	52	55	58	63	68	80

02391000 Etowah River near Ball Ground, Ga.

LOCATION.--Lat 34°19'05", long 84°20'35", Cherokee County, at county highway bridge, 3 mi southeast of Ball Ground.

DRAINAGE AREA.--466 mi^2.

PERIOD OF RECORD ANALYZED.--April 1907 to March 1915, April 1919 to March 1921.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	290	370	380	420	490	500	520	660
5	230	280	300	330	380	400	420	490
10	185	250	260	290	330	340	380	440
20	150	220	225	250	290	300	350	400

02392000 Etowah River at Canton, Ga.

LOCATION.--Lat 34°14'23", long 84°29'47", Cherokee County, on left bank 100 ft downstream from bridge on State Highway 5 spur and 140 at Canton, 0.8 mi upstream from Canton Creek, and 1.8 mi downstream from Hickory Log Creek.

DRAINAGE AREA.--605 mi^2.

PERIOD OF RECORD ANALYZED.--April 1937 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	370	380	400	440	480	520	560	650
5	270	290	300	340	370	400	440	530
10	230	250	260	280	310	340	390	470
20	195	220	225	240	260	290	340	420
30	185	200	210	220	240	270	330	400
50	170	180	190	195	210	240	310	380

02392500 Little River near Roswell, Ga.

LOCATION.--Lat 34°07'09", long 84°23'18", Fulton County, on upstream side of bridge on State Highway 140, 1 mi downstream from Cooper Sandy Creek, and 7 mi north of Roswell.

DRAINAGE AREA.--60.5 mi^2.

PERIOD OF RECORD ANALYZED.--April 1948 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	12	14	19	22	24	30	32	38
5	6.2	7.4	8.3	11	16	17	22	27
10	4.0	4.7	5.1	6.8	10	12	16	21
20	2.6	2.9	3.3	4.4	6.8	8.8	12	17
30	2.0	2.2	2.6	3.4	5.3	7.3	11	16

02394000 Etowah River at Allatoona Dam, above Cartersville, Ga.

LOCATION.--Lat 34°09'47", long 84°44'28", Bartow County, on right bank 0.8 mi downstream from Allatoona Dam, 2 mi upstream from Louisville and Nashville Railway bridge, and 3 mi east of Cartersville.

DRAINAGE AREA.--1,110 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1950 to March 1974.

REMARKS.--Flow regulated by Allatoona Lake.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	220	420	530	690	930	1100	1200	1300
5	210	290	360	470	670	830	900	1100
10	190	240	290	370	550	730	800	950
20	180	210	240	300	450	650	760	870
30	170	190	220	270	420	610	720	840

CONTINUOUS-RECORD STATIONS

MOBILE RIVER BASIN

02394950 Hills Creek near Taylorsville, Ga.

LOCATION.--Lat 34°04'27", long 84°57'02", Polk County, on left bank on downstream side of highway bridge on county road, 2 mi southeast of Taylorsville, and 2 mi upstream from mouth.

DRAINAGE AREA.--26 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1960 to March 1974.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02337000, Sweetwater Creek near Austell, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	1.8	2.2	2.4	3.1	4.2	5.1	5.6	9.6
5	.90	1.1	1.4	1.8	2.3	3.5	4.4	6.6
10	.50	.60	.72	.95	1.4	2.4	3.0	4.8
20	.26	.32	.36	.46	.79	1.4	1.8	3.2

02395000 Etowah River near Kingston, Ga.

LOCATION.--Lat 34°12'24", long 84°58'44", Bartow County, on downstream side of center pier of bridge on U.S. Highway 411, 1 mi upstream from Two Run Creek, 1.5 mi upstream from Connesena Creek, and 2.5 mi southwest of Kingston.

DRAINAGE AREA.--1,630 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1950 to March 1974.

REMARKS.--Flow regulated by Allatoona Lake.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	450	820	910	1100	1200	1400	1500	1700
5	400	620	700	820	1000	1100	1200	1400
10	380	530	600	710	910	1000	1150	1300
20	370	470	520	630	850	990	1100	1200
30	360	430	490	580	820	960	1080	1130

02396000 Etowah River at Rome, Ga.

LOCATION.--Lat 34°15'26", long 85°09'30", Floyd County, on downstream side of center pier of Southern Railway bridge in Rome, 2 mi upstream from confluence with Oostanaula River.

DRAINAGE AREA.--1,810 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1950 to March 1974.

REMARKS.--Flow regulated by Allatoona Lake.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	540	910	1000	1200	1300	1500	1600	1800
5	470	710	780	900	1100	1200	1300	1500
10	450	620	670	780	1000	1100	1250	1400
20	420	550	600	690	930	1050	1200	1300
30	410	520	560	640	890	1000	1150	1200

CONTINUOUS-RECORD STATIONS

MOBILE RIVER BASIN

02397000 Coosa River near Rome, Ga.

LOCATION.--Lat 34°12'01", long 85°15'24", Floyd County, on left bank attached to shoreward side of lock wall of Mayo Bar lock near upstream end, 1.5 mi upstream from Webb Creek, 6 mi southwest of Rome, 7.5 mi downstream from confluence of Oostanaula and Etowah Rivers, and at mile 278.6.

DRAINAGE AREA.--4,040 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1950 to March 1958, April 1963 to March 1974.

REMARKS.--Flow regulated by Allatoona Lake. Data represent flow before regulation by Carters Lake.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	1300	1760	1900	2100	2400	2600	2700	3200
5	1100	1500	1600	1700	2000	2100	2300	2600
10	1000	1400	1500	1600	1800	2000	2100	2300
20	970	1300	1400	1500	1700	1900	2000	2200

02397500 Cedar Creek near Cedartown, Ga.

LOCATION.--Lat 34°03'38", long 85°18'41", Polk County, on left bank 700 ft downstream from bridge on State Highway 161, 4.5 mi upstream from Lake Creek, and 4.5 mi northwest of Cedartown.

DRAINAGE AREA.--109 mi^2.

PERIOD OF RECORD ANALYZED.--April 1943 to March 1973.

REMARKS.--Diurnal fluctuation and moderate regulation caused by powerplants above station.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	36	38	40	42	46	50	51	62
5	30	34	35	36	41	45	46	50
10	28	32	33	34	37	40	42	45
20	26	28	30	31	33	36	37	42
30	25	26	27	30	31	33	35	40

02398000 Chattooga River at Summerville, Ga.

LOCATION.--Lat 34°28'03", long 85°20'19", Chattooga County, on left bank 600 ft downstream from bridge on U.S. Highway 27, 1 mi southeast of Summerville, and 4 mi upstream from Raccoon Creek.

DRAINAGE AREA.--193 mi^2.

PERIOD OF RECORD ANALYZED.--April 1938 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	68	75	77	82	87	96	110	140
5	48	68	70	71	76	80	89	105
10	42	63	65	68	72	78	83	91
20	39	59	61	66	70	72	75	83
30	38	57	59	63	67	69	70	78
50	37	56	57	59	64	65	66	72

CONTINUOUS-RECORD STATIONS

MOBILE RIVER BASIN

02411800 Little River near Buchanan, Ga.

LOCATION.--Lat 33°47'51", long 85°07'03", Haralson County, on right bank 150 ft upstream from county highway bridge, 4.3 mi east of Buchanan, and 7 mi upstream from mouth.

DRAINAGE AREA.--18 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1960 to March 1974.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02337000, Sweetwater Creek near Austell, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	3.3	3.7	4.0	4.7	5.8	6.6	7.0	10
5	2.1	2.3	2.8	3.3	3.9	5.1	5.9	7.8
10	1.4	1.6	1.8	2.2	2.8	4.0	4.6	6.3
20	.90	1.0	1.1	1.3	1.9	2.8	3.3	4.9

02412000 Tallapoosa River near Heflin, Ala.

LOCATION.--Lat 33°37'22", long 85°31'20", Cleburne County, on right bank 5 ft downstream from county road bridge, 2.2 mi upstream from Cane Creek, 4 mi southeast of Heflin, and at mile 186.6.

DRAINAGE AREA.--444 mi^2.

PERIOD OF RECORD ANALYZED.--April 1953 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	86	95	105	125	145	170	200	270
5	52	57	63	80	105	110	140	190
10	36	38	44	56	75	83	105	150
20	25	26	30	38	50	60	80	120
30	20	21	23	30	40	50	68	110

02413000 Little Tallapoosa River at Carrollton, Ga.

LOCATION.--Lat 33°35'50", long 85°04'49", Carroll County, at city water-pumping plant 200 ft downstream from bridge on U.S. Highway 27 at Carrollton.

DRAINAGE AREA.--89 mi^2, approximately.

PERIOD OF RECORD ANALYZED.--April 1937 to March 1955.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 02337000, Sweetwater Creek near Austell, Ga.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	13	15	17	20	26	31	34	53
5	7.2	8:3	10	13	16	23	27	38
10	4.4	5.1	6.0	7.6	10	17	20	29
20	2.5	3.0	3.3	4.1	6.5	10	13	21

CONTINUOUS-RECORD STATIONS

TENNESSEE RIVER BASIN

03545000 Hiwassee River at Presley, Ga.

LOCATION.--Lat 34°54'17", long 83°42'01", Towns County, on left bank 0.1 mi downstream from Cynth Creek, 0.5 mi southeast of Presley, 1.4 mi upstream from Hightower Creek, and at mile 133.9.

DRAINAGE AREA.--45.5 mi^2.

PERIOD OF RECORD ANALYZED.--April 1942 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	36	38	41	42	50	55	61	75
5	30	31	32	34	38	44	48	56
10	26.5	27	28	33	36	38	43	50
20	24	25	26	29	33	36	38	46
30	22.5	23	24	27	31	33	35	44
50	21	22	23	25	28	29	31	42

03550500 Nottely River near Blairsville, Ga.

LOCATION.--Lat 34°50'28", long 83°56'10", Union County, on left bank 250 ft upstream from county road bridge, 0.1 mi downstream from Arkaqua Creek, 0.2 mi upstream from Akins Creek, 2.7 mi southeast of Blairsville, and at mile 44.3.

DRAINAGE AREA.--74.8 mi^2.

PERIOD OF RECORD ANALYZED.--April 1943 to March 1974.

REMARKS.--Occasional regulation by Lake Trahlyta in Vogel State Park.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	45	48	50	55	63	70	81	94
5	39	42	43	48	52	55	59	72
10	33	34	38	42	45	48	52	64
20	30	32	34	35	40	42	48	59
30	28	29	31	32	36	38	44	56
50	26	27	28	29	32	35	41	54

03558000 Toccoa River near Dial, Ga.

LOCATION.--Lat 34°47'24", long 84°14'24", Fannin County, on right bank 1.4 mi upstream from Shallowford Bridge, 1.8 mi upstream from Stanley Creek, 2.5 mi northwest of Dial, and at mile 69.1.

DRAINAGE AREA.--177 mi^2.

PERIOD OF RECORD ANALYZED.--April 1914 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	159	161	166	185	200	230	240	280
5	129	132	135	150	160	175	185	220
10	119	125	128	135	145	155	165	190
20	110	111	118	122	132	142	155	182
30	106	107	111	115	124	136	150	178

CONTINUOUS-RECORD STATIONS

TENNESSEE RIVER BASIN

03559500 Ocoee River at Copperhill, Tenn.

LOCATION.--Lat 34°59'29", long 84°22'36", Polk County, on right bank 0.2 mi upstream from Fightingtown Creek, 0.4 mi downstream from Copperhill.

DRAINAGE AREA.--352 mi^2.

PERIOD OF RECORD ANALYZED.--April 1943 to March 1970.

REMARKS.--Flow regulated by Blue Ridge Lake.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	137	270	345	440	560	615	710	720
5	96	152	183	320	420	485	620	625
10	89	122	137	242	328	395	570	575
20	75	89	103	172	250	308	535	540
30	72	78	90	140	210	255	505	510

03560000 Fightingtown Creek at McCaysville, Ga.

LOCATION.--Lat 34°58'53", long 84°23'12", Fannin County, on right bank 0.2 mi upstream from highway bridge, 0.9 mi upstream from mouth, and 0.9 mi west of McCaysville.

DRAINAGE AREA.--70.9 mi^2.

PERIOD OF RECORD ANALYZED.--April 1943 to March 1971.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	55	56	60	65	72	80	86	103
5	46	47	50	54	59	64	70	82
10	41	42	45	48	53	56	63	75
20	38	39	41	44	48	51	58	72
30	36	37	39	41	45	48	55	71

03567500 South Chickamauga Creek near Chickamauga, Tenn.

LOCATION.--Lat 35°00'50", long 85°12'27", Hamilton County, on right bank 0.3 mi upstream from bridge on U.S. Highway 11, 1.5 mi south of Chickamauga, 6.0 mi east of the city hall in Chattanooga.

DRAINAGE AREA.--428 mi^2.

PERIOD OF RECORD ANALYZED.--April 1929 to March 1974.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOW

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	107	110	115	124	137	152	172	210
5	95	100	101	105	112	126	148	182
10	80	88	89	92	102	108	128	158
20	70	77	78	83	93	98	110	133
30	67	74	75	81	89	95	104	126
50	65	70	71	78	85	91	101	120

CONTINUOUS-RECORD STATIONS

TENNESSEE RIVER BASIN

03568500 Chattanooga Creek near Flintstone, Ga.

LOCATION.--Lat 34° 58'20", long 85°19'40", Walker County, on right bank 0.8 mi south of Georgia-Tennessee State line and 2.3 mi northeast of Flintstone, and at mile 10.3.

DRAINAGE AREA.--50.6 mi^2.

PERIOD OF RECORD ANALYZED.--April 1952 to March 1974.

REMARKS.--Data have been adjusted by use of a flow correlation analysis with gaging station 03567500, South Chickamauga Creek near Chickamauga, Tenn.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days							
	1	7	14	30	60	90	120	183
2	4.6	4.8	5.2	6.0	7.1	8.6	11	16
5	3.7	4.0	4.1	4.4	5.0	6.1	8.2	12
10	3.1	3.2	3.5	3.8	4.2	4.6	6.3	9.2
20	2.1	2.5	2.6	2.9	3.6	3.9	4.8	6.8
30	2.0	2.4	2.5	2.8	3.3	3.7	4.4	6.1

PARTIAL-RECORD STATIONS

SAVANNAH RIVER BASIN

02180400 Tiger Creek at Lakemont, Ga.

LOCATION.--Lat 34°47'04", long 83°24'58", Rabun County, at county highway bridge, at Lakemont.

DRAINAGE AREA.--26 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 14 independent base-flow measurements with concurrent base flows at gaging station 02177000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	23	27	30	35
5	16	19	22	23
10	12	16	18	20
20	11	14	15	18
30	10	13	14	16

02191300 Broad River above Carlton, Ga.

LOCATION.--Lat 34°04'24", long 83°00'12", Madison County, at State Highway 72, 2.8 mi northeast of Carlton.

DRAINAGE AREA.--760 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 17 independent base-flow measurements with concurrent base flows at gaging station 02192000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	330	380	450	470
5	250	290	320	340
10	180	210	250	290
20	130	170	200	240
30	120	160	180	210

02191700 South Fork Broad River near Comer, Ga.

LOCATION.--Lat 34°03'40", long 83°09'22", Madison County, at State Highway 72, 2 mi west of Comer.

DRAINAGE AREA.--89 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 15 independent base-flow measurements with concurrent base flows at gaging station 02192000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	31	38	48	51
5	20	25	29	32
10	11	16	20	24
20	7.4	11	15	19
30	6.8	10	12	15

PARTIAL-RECORD STATIONS

SAVANNAH RIVER BASIN

02191800 Falling Creek near Fortsonia, Ga.

LOCATION.--Lat 34°00'14", long 82°48'32", Elbert County, at county road 1.8 mi southwest of Fortsonia.

DRAINAGE AREA.--44 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 25 independent base-flow measurements with concurrent base flows at gaging station 02188500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	6.4	8.0	9.5	9.9
5	3.0	4.6	5.4	6.4
10	1.9	3.1	3.8	4.8
20	1.2	2.1	2.7	3.6
30	.9	1.6	2.0	2.9

02191900 Long Creek near Lexington, Ga.

LOCATION.--Lat 33°50'30", long 83°03'50", Oglethorpe County, at State Highway 10, 3.5 mi southeast of Lexington.

DRAINAGE AREA.--31 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 15 independent base-flow measurements with concurrent base flows at gaging station 02188500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	8.8	9.8	12	13
5	5.0	6.8	7.9	9.0
10	3.6	5.2	6.2	7.3
20	2.6	4.0	4.8	6.0
30	2.1	3.2	3.8	5.0

02195300 Greenbrier Creek near Appling, Ga.

LOCATION.--Lat 33°34'30", long 82°19'02", Columbia County, at State Highway 47, 2 mi north of Appling.

DRAINAGE AREA.--33.3 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 18 independent base-flow measurements with concurrent base flows at gaging station 02193500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	2.1	4.2	5.6	6.6
5	1.5	2.2	3.5	3.7
10	.83	1.5	2.0	2.3
20	.38	.85	1.1	1.5
30	.24	.54	.66	1.1

PARTIAL-RECORD STATIONS

SAVANNAH RIVER BASIN

02196900 Butler Creek near Augusta, Ga.

LOCATION.--Lat 33°23'06", long 82°01'35", Richmond County, at State Highway 21, 6 mi south of Augusta.

DRAINAGE AREA.--29.4 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 17 independent base-flow measurements with concurrent base flows at gaging station 02198000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	13	15	16	17
5	11	12	14	15
10	9.4	11	13	14
20	8.0	9.6	11	12
30	7.1	8.5	9.8	10

02197200 McBean Creek at McBean, Ga.

LOCATION.--Lat 33°14'31", long 81°56'51", Richmond County, at State Highway 56, at McBean.

DRAINAGE AREA.--70 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 13 independent base-flow measurements with concurrent base flows at gaging station 02197600.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	38	41	44	47
5	34	37	40	42
10	31	35	38	39
20	29	32	34	35
30	27	30	32	33

02197530 Sweetwater Creek near Bonesville, Ga.

LOCATION.--Lat 33°26'17", long 82°27'04", McDuffie County, at State Highway 10, 0.8 mi northwest of Bonesville.

DRAINAGE AREA.--7.46 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 14 independent base-flow measurements with concurrent base flows at gaging station 02198000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	0.47	0.69	0.90	1.1
5	.29	.42	.48	1.0
10	.21	.35	.47	.49
20	.14	.23	.32	.33
30	.11	.17	.24	.25

PARTIAL-RECORD STATIONS

SAVANNAH RIVER BASIN

02197560 Sandy Run Creek near Blythe, Ga.

LOCATION.--Lat 33°17'56", long 82°15'13", Richmond County, at State Highway 4, 3 mi west of Blythe.

DRAINAGE AREA.--33.2 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 15 independent base-flow measurements with concurrent base flows at gaging station 02198000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	16	18	19	21
5	13	15	17	18
10	12	14	15	16
20	10	12	13	14
30	9.4	11	12	13

PARTIAL-RECORD STATIONS

OGEECHEE RIVER BASIN

02199700 South Fork Ogeechee River near Crawfordville, Ga.

LOCATION.--Lat 33°31'00", long 82°54'22", Taliaferro County, at State Highway 22, 2.8 mi south of Crawfordville.

DRAINAGE AREA.--33 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 12 independent base-flow measurements with concurrent base flows at gaging station 02219500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	3.0	3.5	4.8	5.9
5	1.7	2.6	3.0	4.0
10	1.2	1.9	2.3	3.0
20	.72	1.4	1.6	2.2
30	.54	1.1	1.2	1.8

02200000 Ogeechee River at Jewell, Ga.

LOCATION.--Lat 33°17'48", long 82°46'40", Warren County, at State Highway 16, at Jewell.

DRAINAGE AREA.--242 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 17 independent base-flow measurements with concurrent base flows at gaging station 02193500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	14	20	26	31
5	8	11	17	18
10	4.8	7.8	11	12
20	2.4	5.0	5.8	7.8
30	1.6	3.3	3.8	6.2

PARTIAL-RECORD STATIONS

OGEECHEE RIVER BASIN

02201300 Chew Mill Creek near Herndon, Ga.

LOCATION.--Lat 32°49'28", long 82°05'30", Jenkins County, at State Highway 17, 2.25 mi northeast of Herndon.

DRAINAGE AREA.--23 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 11 independent base-flow measurements with concurrent base flows at gaging station 02198000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	1.9	2.7	3.4	4.5
5	1.2	1.7	2.3	2.8
10	.86	1.4	1.9	2.0
20	.59	.95	1.5	1.3
30	.44	.70	.98	1.0

02202800 Canoochee Creek near Swainsboro, Ga.

LOCATION.--Lat 32°36'19", long 82°15'21", Emanuel County, at U.S. Highway 80, 4.75 mi east of Swainsboro.

DRAINAGE AREA.--55 mi^2, approximately.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base-flow conditions.

PARTIAL-RECORD STATIONS

ALTAMAHA RIVER BASIN

02204300 Little Cotton Indian Creek near Stockbridge, Ga.

LOCATION.--Lat 33°31'26", long 84°11'21", Henry County, at State Highway 42, 2.5 mi southeast of Stockbridge.

DRAINAGE AREA.--50 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 17 independent base-flow measurements with concurrent base flows at gaging station 02206500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	15	18	23	25
5	9.3	12	15	18
10	5.1	7.2	10	13
20	3.6	5.3	7.5	9.3
30	3.1	4.6	6.3	8.1

02208300 Alcovy River near Monroe, Ga.

LOCATION.--Lat 33°48'20", long 83°45'34", Walton County, at State Highway 10, 2.8 mi west of Monroe.

DRAINAGE AREA.--99 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 13 independent base-flow measurements with concurrent base flows at gaging station 02206500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	30	38	47	53
5	18	23	31	37
10	8.9	13	20	26
20	5.9	9.3	13	18
30	5.1	7.8	11	15

02211200 Big Sandy Creek near Flovilla, Ga.

LOCATION.--Lat 33°11'16", long 83°50'09", Butts-Monroe Counties, at State Highway 87, 5.8 mi southeast of Flovilla.

DRAINAGE AREA.--57 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 16 independent base-flow measurements with concurrent base flows at gaging station 02213500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	13	16	21	24
5	7.8	10	13	15
10	4.4	6.9	9.3	11
20	3.0	4.6	6.4	8.1
30	2.4	3.8	5.2	6.9

PARTIAL-RECORD STATIONS

ALTAMAHA RIVER BASIN

02212700 Falling Creek near Dames Ferry, Ga.

LOCATION.--Lat 33°02'12", long 83°42'34", Jones County, at county road, 1.5 mi northeast of Dames Ferry.

DRAINAGE AREA.--108 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 13 independent base-flow measurements with concurrent base flows at gaging station 02213500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	2.5	3.8	6.2	8.0
5	1.1	1.8	2.5	3.5
10	.42	.89	1.5	1.9
20	.21	.43	.78	1.2
30	.05	.32	.54	.88

02213100 Walnut Creek near Macon, Ga.

LOCATION.--Lat 32°52'46", long 83°36'42", Bibb County, at old bridge 1,100 ft upstream from bridge on U.S. Highway 129, 1.5 mi north of Macon city limits.

DRAINAGE AREA.--79 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 10 independent base-flow measurements with concurrent base flows at gaging station 02213500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	2.6	4.0	6.6	8.4
5	1.2	1.8	2.6	3.6
10	.4	.95	1.4	2.0
20	.19	.42	.72	1.2
30	.13	.30	.53	.94

02213200 Swift Creek near Macon, Ga.

LOCATION.--Lat 32°48'06", long 83°33'55", Bibb County, at crossing of Macon, Dublin, and Savannah Railroad, 4.2 mi southeast of Macon.

DRAINAGE AREA.--11 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 8 independent base-flow measurements with concurrent base flows at gaging station 02223300.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	4.7	5.1	5.6	5.9
5	3.9	4.3	4.7	5.0
10	3.2	3.7	4.2	4.4
20	2.8	3.2	3.7	4.0

PARTIAL-RECORD STATIONS

ALTAMAHA RIVER BASIN

02213300 Tobesofkee Creek near Forsyth, Ga.

LOCATION.--Lat 33°01'03", long 84°01'08", Monroe County, at county road, about 4 mi southwest of Forsyth.

DRAINAGE AREA.--27.7 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 11 independent base-flow measurements with concurrent base flows at gaging station 02213500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	6.6	8.0	10.0	11.0
5	4.3	5.5	6.7	7.5
10	2.7	3.9	5.0	5.7
20	1.5	2.7	3.7	4.5
30	1.0	2.3	3.1	3.9

02213400 Little Tobesofkee Creek near Forsyth, Ga.

LOCATION.--Lat 32°57'09", long 84°02'35", Monroe County, at State Highway 83, 8.2 mi southwest of Forsyth.

DRAINAGE AREA.--16.8 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 14 independent base-flow measurements with concurrent base flows at gaging station 02213500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	2.8	3.6	4.7	5.4
5	1.8	2.4	2.9	3.4
10	1.0	1.6	2.1	2.5
20	.65	1.1	1.5	1.9
30	.40	.90	1.2	1.5

02214000 Echeconnee Creek near Macon, Ga.

LOCATION.--Lat 32°45'54", long 83°50'42", Crawford-Bibb Counties, at county road, 13 mi southwest of Macon.

DRAINAGE AREA.--147 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 14 independent base-flow measurements with concurrent base flows at gaging station 02213500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	11	15	21	26
5	6.0	8.6	11	14
10	3.0	5.0	7.4	9.0
20	1.7	3.1	4.7	6.2
30	1.4	2.4	3.6	5.0

PARTIAL-RECORD STATIONS

ALTAMAHA RIVER BASIN

02215100 Big Creek near Hawkinsville, Ga.

LOCATION.--Lat 32°14'23", long 83°30'04", Pulaski County, at State Highway 27, 3.5 mi southwest of Hawkinsville.

DRAINAGE AREA.--155 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 12 independent base-flow measurements with concurrent base flows at gaging station 02214500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	11	15	17	20
5	6.4	8.6	10	11
10	5.5	7.1	8.6	9.7
20	4.8	6.1	7.8	9.0
30	4.5	5.5	7.7	8.6

02217200 Middle Oconee River near Jefferson, Ga.

LOCATION.--Lat 34°05'42", long 83°36'21", Jackson County, at State Highway 11, 2.2 mi southwest of Jefferson.

DRAINAGE AREA.--128 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 15 independent base-flow measurements with concurrent base flows at gaging station 02217000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	38	47	55	62
5	22	29	33	41
10	12	18	20	26
20	7.8	14	15	19

02217300 Cedar Creek near Winder, Ga.

LOCATION.--Lat 34°00'43", long 83°44'19", Barrow County, at country road, 1.8 mi west of Winder.

DRAINAGE AREA.--9.9 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 13 independent base-flow measurements with concurrent base flows at gaging station 02206500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	1.2	1.7	2.3	2.8
5	.56	.75	1.2	1.7
10	.21	.37	.68	.98
20	.12	.23	.40	.58
30	.10	.17	.30	.46

PARTIAL-RECORD STATIONS

ALTAMAHA RIVER BASIN

02217600 North Oconee River near Maysville, Ga.

LOCATION.--Lat 34°13'49", long 83°34'07", Jackson County, at county road, 1.5 mi south of Maysville.

DRAINAGE AREA.--70 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 14 independent base-flow measurements with concurrent base flows at gaging station 02217000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	37	43	47	51
5	24	30	32	38
10	16	21	23	27
20	12	15	18	21

02217700 Sandy Creek at Athens, Ga.

LOCATION.--Lat 33°59'10", long 83°22'38", Clarke County, at State Highway 24, near Athens.

DRAINAGE AREA.--61 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 16 independent base-flow measurements with concurrent base flows at gaging station 02217500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	18	24	30	35
5	8.4	12	15	19
10	3.8	6.5	7.6	11
20	2.1	3.6	5.0	7.0
30	1.7	2.6	4.0	5.8

02218700 Apalachee River near Bethlehem, Ga.

LOCATION.--Lat 33°54'02", long 83°43'25", Barrow County, at State Highway 11, 2.5 mi south of Bethlehem.

DRAINAGE AREA.--54 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 12 independent base-flow measurements with concurrent base flows at gaging station 02219500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	18	20	25	30
5	11	16	18	22
10	8.6	13	14	18
20	5.8	9.8	11	14
30	4.7	7.9	8.8	12

PARTIAL-RECORD STATIONS

ALTAMAHA RIVER BASIN

02219400 Big Sandy Creek near Apalachee, Ga.

LOCATION.--Lat 33°40'04", long 83°26'40", Morgan County, at State Highway 24, 1.5 mi southwest of Apalachee.

DRAINAGE AREA.--61 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 13 independent base-flow measurements with concurrent base flows at gaging station 02221000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	12	15	18	21
5	8.4	11	12	15
10	6.5	7.6	8.2	11
20	5.1	5.7	6.0	8.4

02220400 Beaverdam Creek near Greensboro, Ga.

LOCATION.--Lat 33°28'36", long 83°10'56", Greene County, at county road, 6.8 mi south of Greensboro.

DRAINAGE AREA.--44 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 12 independent base-flow measurements with concurrent base flows at gaging station 02193500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	2.4	3.8	6.0	7.4
5	1.7	2.4	3.8	4.1
10	0	1.6	2.3	2.6
20	0	0	1.2	1.6
30	0	0	0	1.2

02220900 Little River near Eatonton, Ga.

LOCATION.--Lat 33°18'47", long 83°26'17", Putnam County, at State Highway 16, 3 mi west of Eatonton.

DRAINAGE AREA.--262 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 18 independent base-flow measurements with concurrent base flows at gaging station 02219500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	32	37	52	65
5	19	29	33	45
10	13	21	25	32
20	7.6	15	18	24
30	5.6	11	13	20

PARTIAL-RECORD STATIONS

ALTAMAHA RIVER BASIN

02221300 Pearson Creek near Monticello, Ga.

LOCATION.--Lat 33°19'18", long 83°41'57", Jasper County, at State Highway 11, 1.5 mi northwest of Monticello.

DRAINAGE AREA.--5.5 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 8 independent base-flow measurements with concurrent base flows at gaging station 02213050.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	0.80	1.0	1.3	1.4
5	.51	.67	.77	.96
10	.42	.56	.63	.84
20	.38	.50	.54	.79

02223020 Fishing Creek near Milledgeville, Ga.

LOCATION.--Lat 33°04'50", long 83°16'11", Baldwin County, at county road, 2.5 mi west of Milledgeville.

DRAINAGE AREA.--60 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 12 independent base-flow measurements with concurrent base flows at gaging station 02221000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	4.2	5.7	8.1	9.9
5	2.3	3.6	4.2	5.7
10	1.7	2.1	2.3	3.9
20	1.1	1.3	1.4	2.5

02224100 Turkey Creek at Garretta, Ga.

LOCATION.--Lat 32°27'16", long 82°56'35", Laurens County, at State Highway 31, at Garretta.

DRAINAGE AREA.--316 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 9 independent base-flow measurements with concurrent base flows at gaging station 02224000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	19	30	35	48
5	7.9	15	20	26
10	4.4	9.3	14	19
20	2.8	6.3	12	15
30	1.6	4.4	10	13

PARTIAL-RECORD STATIONS

ALTAMAHA RIVER BASIN

02225100 Cobb Creek near Lyons, Ga.

LOCATION.--Lat 32°02'06", long 82°22'44", Toombs County, at State Highway 56, 1.8 mi northeast of Cedar Crossing, and 13 mi northeast of Lyons.

DRAINAGE AREA.--69 mi^2, approximately.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

02225300 Ohoopee River near Oak Park, Ga.

LOCATION.--Lat 32°23'26", long 82°18'46", Emanuel County, at U.S. Highway 1, 2.5 mi north of Oak Park.

DRAINAGE AREA.--620 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 9 independent base-flow measurements with concurrent base flows at gaging station 02225500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	17	23	30	40
5	14	16	19	24
10	10	12	14	16
20	8.5	9.5	10	12
30	7.3	8.2	8.5	9.5

PARTIAL-RECORD STATIONS

SATILLA RIVER BASIN

02226200 Satilla River near Douglas, Ga.

LOCATION.--Lat 31°24'45", long 82°51'01", Coffee County, at U.S. Highway 441, 6.5 mi south of Douglas.

DRAINAGE AREA.--235 mi^2, approximately.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

02227100 Little Hurricane Creek near Alma, Ga.

LOCATION.--Lat 31°29'47", long 82°31'45", Bacon County, at State Highway 64, 5 mi southwest of Alma.

DRAINAGE AREA.--61 mi^2, approximately.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

02227200 Little Hurricane Creek below Alma, Ga.

LOCATION.--Lat 31°25'25", long 82°25'59", Bacon County, at State Highway 4, 8.5 mi south of Alma.

DRAINAGE AREA.--111 mi^2.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

02227300 Alabaha River near Blackshear, Ga.

LOCATION.--Lat 31°19'00", long 82°13'36", Pierce County, at State Highway 38, 1 mi northeast of Blackshear.

DRAINAGE AREA.--438 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 12 independent base-flow measurements with concurrent base flows at gaging station 02227500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	5.3	9.7	21	38
5	2.9	3.9	7.7	14
10	1.7	2.1	3.3	6.5
20	.5	1.1	1.6	3.0
30	0	.5	.9	2.0

02227400 Big Satilla Creek near Alma, Ga.

LOCATION.--Lat 31°39'24", long 82°25'55", Bacon County, at State Highway 4, 8.2 mi north of Alma.

DRAINAGE AREA.--112 mi^2.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

PARTIAL-RECORD STATIONS

SATILLA RIVER BASIN

02227430 Little Satilla Creek at Odum, Ga.

LOCATION.--Lat 31°40'00", long 82°02'23", Wayne County, at State Highway 27 at Odum, 10 mi northwest of Jesup.

DRAINAGE AREA.--49 mi^2, approximately.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

02227470 Little Satilla Creek near Jesup, Ga.

LOCATION.--Lat 31°33'44", long 81°59'15", Wayne County, at State Highway 99, 7 mi southwest of Jesup.

DRAINAGE AREA.--83 mi^2, approximately.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

PARTIAL-RECORD STATIONS

SUWANNEE RIVER BASIN

02314600 Suwanoochee Creek at DuPont, Ga.

LOCATION.--Lat 30°59'09", long 82°52'50", Clinch County, at U.S. Highway 84, at DuPont.

DRAINAGE AREA.--143 mi^2.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

02315700 Alapaha River at Rebecca, Ga.

LOCATION.--Lat 31°48'55", long 83°28'26", Ben Hill County, at State Highway 90, 1 mi east of Rebecca.

DRAINAGE AREA.--112 mi^2.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

02315900 Deep Creek near Ashburn, Ga.

LOCATION.--Lat 31°43'49", long 83°35'00", Turner County, at State Highway 112, 4.5 mi east of Ashburn.

DRAINAGE AREA.--137 mi^2.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

02316200 Willacoochee Creek near Ocilla, Ga.

LOCATION.--Lat 31°30'06", long 83°09'43", Irwin County, at State Highway 90, 8 mi southeast of Ocilla.

DRAINAGE AREA.--90 mi^2, approximately.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

02317600 Little River near Statenville, Ga.

LOCATION.--Lat 30°42'12", long 83°07'21", Echols County, at county road, 5.5 mi west of Statenville.

DRAINAGE AREA.--199 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 16 independent base-flow measurements with concurrent base flows at gaging station 02317500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	6.1	8.5	13	21
5	3.0	3.6	4.5	7.1
10	2.1	2.8	3.7	4.8
20	1.6	2.5	3.1	3.7
30	1.4	2.3	2.8	3.3

PARTIAL-RECORD STATIONS

SUWANNEE RIVER BASIN

02317700 Withlacoochee River near Nashville, Ga.

LOCATION.--Lat 31°11'54", long 83°16'21", Berrien County, at State Highway 76, 1.5 mi southwest of Nashville.

DRAINAGE AREA.--132 mi^2.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

02317800 Little River near Tifton, Ga.

LOCATION.--Lat 31°26'21", long 83°33'39", Tift County, at U.S. Highway 82, 3 mi west of Tifton.

DRAINAGE AREA.--145 mi^2, approximately.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

02317900 Ty Ty Creek at Ty Ty, Ga.

LOCATION.--Lat 31°28'22", long 83°39'47", Tift County, at U.S. Highway 82, 1 mi west of Ty Ty.

DRAINAGE AREA.--47 mi^2, approximately.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

PARTIAL-RECORD STATIONS

OCHLOCKONEE RIVER BASIN

02327200 Ochlockonee River at Moultrie, Ga.

LOCATION.--Lat 31°10'58", long 83°48'32", Colquitt County, at State Highway 37, at Moultrie.

DRAINAGE AREA.--96 mi^2, approximately.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

02327700 Barnetts Creek near Thomasville, Ga.

LOCATION.--Lat 30°54'18", long 84°04'34", Grady County, at county road, 7.5 mi northwest of Thomasville.

DRAINAGE AREA.--104 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 14 independent base-flow measurements with concurrent base flows at gaging station 02327500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	0.82	1.5	2.3	3.6
5	.29	.46	.59	.86
10	.26	.27	.35	.51
20	.15	.20	.23	.33
30	.13	.16	.20	.26

02327900 Wolf Creek near Whigham, Ga.

LOCATION.--Lat 30°53'36", long 84°17'26", Grady County, at U.S. Highway 84, 2.2 mi northeast of Whigham.

DRAINAGE AREA.--19 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 18 independent base-flow measurements with concurrent base flows at gaging station 02328000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	2.9	5.7	7.2	8.3
5	1.2	2.2	3.2	4.4
10	.72	1.1	2.2	3.1
20	.40	.96	1.6	2.4
30	.27	.81	1.4	2.0

PARTIAL-RECORD STATIONS

APALACHICOLA RIVER BASIN

02331300 Sutton Mill Creek near Clarkesville, Ga.

LOCATION.--Lat 34°37'37", long 83°32'23", Habersham County, at county road, 1 mi northwest of Clarkesville.

DRAINAGE AREA.--3.1 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 11 independent base-flow measurements with concurrent base flows at gaging station 02331000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	3.3	3.5	3.7	3.8
5	2.8	3.0	3.2	3.6
10	2.6	2.8	2.9	3.0
20	2.5	2.6	2.7	2.8
30	2.4	2.5	2.6	2.7

02332200 Flat Creek near Clermont, Ga.

LOCATION.--Lat 34°26'57", long 83°45'51", Hall County, at State Highway 52, 2 mi southeast of Clermont.

DRAINAGE AREA.--9.0 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 16 independent base-flow measurements with concurrent base flows at gaging station 02217000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	4.8	5.5	6.3	7.0
5	3.1	3.9	4.3	5.0
10	2.0	2.7	2.9	3.5
20	1.4	1.9	2.3	2.8

02333600 Yahoola Creek at Dahlonega, Ga.

LOCATION.--Lat 34°32'41", long 83°58'08", Lumpkin County, at State Highway 52, at Dahlonega.

DRAINAGE AREA.--31.3 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 24 independent base-flow measurements with concurrent base flows at gaging station 02333500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	27	31	34	36
5	20	24	27	28
10	18	21	22	24
20	15	18	19	21
30	14	16	17	19

PARTIAL-RECORD STATIONS

APALACHICOLA RIVER BASIN

02335900 Rottenwood Creek near Marietta, Ga.

LOCATION.--Lat 33°54'41", long 84°28'43", Cobb County, at Terrell Mill Road, near Marietta.

DRAINAGE AREA.--15 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 18 independent base-flow measurements with concurrent base flows at gaging station 02337000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	5.6	6.3	7.0	7.4
5	4.4	5.2	5.7	6.6
10	3.6	4.2	4.8	5.8
20	2.9	3.3	4.0	4.8
30	2.5	2.8	3.5	4.2

02336100 North Fork Peachtree Creek at Atlanta, Ga.

LOCATION.--Lat 33°50'28", long 84°18'46", DeKalb County, at Clairmont Road, near Atlanta.

DRAINAGE AREA.--27.8 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 23 independent base-flow measurements with concurrent base flows at gaging station 02206500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	5.0	7.1	9.6	12
5	2.3	3.1	5.1	6.8
10	.85	1.5	2.8	4.0
20	.49	.94	1.7	2.4
30	.39	.72	1.2	1.9

02336400 Nancy Creek at Atlanta, Ga.

LOCATION.--Lat 33°50'54", long 84°25'58", Fulton County, at West Paces Ferry Road, at Atlanta.

DRAINAGE AREA.--38.2 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 17 independent base-flow measurements with concurrent base flows at gaging station 02336300.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	7.2	13	19	27
5	4.8	8.1	12	15
10	3.7	6.2	9.2	12
20	3.0	4.6	7.2	10

PARTIAL-RECORD STATIONS

APALACHICOLA RIVER BASIN

02336800 Sweetwater Creek near Hiram, Ga.

LOCATION.--Lat 33°48'17", long 84°47'10", Paulding County, at county road, 5.5 mi southwest of Hiram.

DRAINAGE AREA.--50 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 9 independent base-flow measurements with concurrent base flows at gaging station 02337000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	5.6	8.0	11	13
5	2.6	4.5	5.9	8.9
10	1.5	2.4	3.5	6.2
20	.8	1.1	2.0	3.5
30	.5	.7	1.4	2.4

02337200 Anneewakee Creek near Campbellton, Ga.

LOCATION.--Lat 33°39'55", long 84°41'02", Douglas County, at State Highway 166, 1 mi upstream from mouth.

DRAINAGE AREA.--29 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 12 independent base-flow measurements with concurrent base flows at gaging station 02337000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	9.6	12	16	18
5	5.5	8.1	9.9	14
10	3.6	5.1	6.7	10
20	2.3	2.9	4.5	6.8
30	1.1	2.1	3.4	4.9

02337400 Dog River near Douglasville, Ga.

LOCATION.--Lat 33°39'36", long 84°51'41", Douglas County, at county road, 2.2 mi north of Fair Play.

DRAINAGE AREA.--43 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 11 independent base-flow measurements with concurrent base flows at gaging station 02337000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	14	21	24	27
5	8.8	12	16	18
10	5.8	8.8	12	14
20	4.0	6.8	8.8	10

PARTIAL-RECORD STATIONS

APALACHICOLA RIVER BASIN

02338100 Wahoo Creek near Sargent, Ga.

LOCATION.--Lat 33°25'20", long 84°50'27", Coweta County, at county road, 2 mi southeast of Sargent.

DRAINAGE AREA.--16 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 11 independent base-flow measurements with concurrent base flows at gaging station 02337500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	5.0	7.0	8.2	8.6
5	3.4	4.3	5.6	6.4
10	2.3	3.4	4.3	5.0
20	1.7	2.7	3.4	3.8

02338400 Centralhatchee Creek near Franklin, Ga.

LOCATION.--Lat 33°18'58", long 85°06'19", Heard County, at U.S. Highway 27, north of Franklin.

DRAINAGE AREA.--57 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 12 independent base-flow measurements with concurrent base flows at gaging station 02337500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	21	26	28	30
5	16	19	23	24
10	13	16	19	21
20	11	14	16	18

02340100 White Sulphur Springs at White Sulphur Springs, Ga.

LOCATION.--Lat 32°54'47", long 84°48'05", Meriwether County, at State Highway 18, at White Sulphur Springs.

DRAINAGE AREA.--22.2 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 13 independent base-flow measurements with concurrent base flows at gaging station 02340500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	3.0	4.1	5.2	6.0
5	1.6	2.4	2.8	3.3
10	1.2	1.7	2.0	2.3
20	.84	1.2	1.4	1.7
30	.70	1.0	1.2	1.5

PARTIAL-RECORD STATIONS

APALACHICOLA RIVER BASIN

02341200 Ossahatchee Creek near Hamilton, Ga.

LOCATION.--Lat 32°41'18", long 84°51'24", Harris County, at U.S. Highway . south of Hamilton.

DRAINAGE AREA.--42.6 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 15 independent base-flow measurements with concurrent base flows at gaging station 02340500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	1.2	2.5	4.6	6.0
5	.31	.70	1.0	1.5
10	.14	.33	.47	.70
20	.08	.16	.22	.34
30	*	.11	.15	.24

02341700 Kendall Creek near Upatoi, Ga.

LOCATION.--Lat 32°32'45", long 84°42'54", Muscogee County, at State Highway 22, 1.5 mi east of Upatoi.

DRAINAGE AREA.--17.1 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 8 independent base-flow measurements with concurrent base flows at gaging station 02340500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	1.0	1.7	2.7	3.5
5	.31	.60	.78	1.1
10	.15	.32	.45	.60
20	.09	.17	.23	.32
30	.06	.12	.16	.26

02344200 Camp Creek near Riverdale, Ga.

LOCATION.--Lat 33°33'50", long 84°25'45", Clayton County, at county road, 1.25 mi southwest of Riverdale.

DRAINAGE AREA.--6.0 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 9 independent base-flow measurements with concurrent base flows at gaging station 02206500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	2.9	3.2	3.5	3.7
5	2.3	2.5	2.9	3.2
10	1.7	2.1	2.5	2.7
20	1.5	1.8	2.1	2.3
30	1.4	1.6	1.9	2.2

* Flow less than 0.05 cfs.

APALACHICOLA RIVER BASIN

02344400 Flint River above Griffin, Ga.

LOCATION.--Lat 33°18'33", long 84°23'36", Spaulding County, at State Highway 92, 3.8 mi south of Woolsey.

DRAINAGE AREA.--194 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 16 independent base-flow measurements with concurrent base flows at gaging station 02344500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	41	52	65	75
5	24	36	44	52
10	14	25	32	38
20	8.2	15	24	28
30	5.7	11	19	23

02344600 Line Creek near Aberdeen, Ga.

LOCATION.--Lat 33°23'52", long 84°36'40", Fayette County, at State Highway 54, 1 mi southwest of Aberdeen.

DRAINAGE AREA.--38 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 13 independent base-flow measurements with concurrent base flows at gaging station 02339000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	4.3	6.0	6.6	8.1
5	2.0	3.2	4.3	5.1
10	1.5	2.3	3.3	3.9
20	1.1	1.8	2.5	3.1
30	1.0	1.5	2.1	2.7

02344900 Walnut Creek near Greenville, Ga.

LOCATION.--Lat 33°00'44", long 84°42'34", Meriwether County, at State Highway 41, 1 mi south of Greenville.

DRAINAGE AREA.--4.5 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 11 independent base-flow measurements with concurrent base flows at gaging station 02340500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	1.0	1.3	1.6	1.8
5	.65	.85	.97	1.1
10	.50	.66	.76	.85
20	.40	.52	.57	.66
30	.35	.46	.51	.59

PARTIAL-RECORD STATIONS

APALACHICOLA RIVER BASIN

02345400 Elkins Creek near Molena, Ga.

LOCATION.--Lat 32 58'15", long 84 30'56", Pike County, at county road, 3 mi south of Molena, and 1 mi upstream from mouth.

DRAINAGE AREA.--101 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 9 independent base-flow measurements with concurrent base flows at gaging station 02344500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	14	21	24	30
5	7.0	12	15	19
10	3.6	7.3	10	13
20	2.0	3.9	6.8	8.4
30	1.1	2.5	5.4	6.4

02346400 Potato Creek near Piedmont, Ga.

LOCATION.--Lat 33 01'10", long 84 15'33", Lamar County, at county road, at Piedmont.

DRAINAGE AREA.--96 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 9 independent base-flow measurements with concurrent base flows at gaging station 02344500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	11	16	21	27
5	5.4	9.6	12	16
10	2.6	5.7	8.3	10
20	1.2	2.9	5.4	6.6
30	.7	1.8	3.9	4.9

02348300 Patsiliga Creek at Reynolds, Ga.

LOCATION.--Lat 32 34'20", long 84 05'27", Taylor County, at State Highway 128, 1 mi north of Reynolds.

DRAINAGE AREA.--139 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 13 independent base-flow measurements with concurrent base flows at gaging station 02214500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	48	55	60	66
5	35	41	46	48
10	31	36	41	44
20	29	34	39	42
30	28	32	38	41

PARTIAL-RECORD STATIONS

APALACHICOLA RIVER BASIN

02349300 Shoal Creek at Tazewell, Ga.

LOCATION.--Lat 32°22'40", long 84°26'46", Marion County, at State Highway 137, at Tazewell.

DRAINAGE AREA.--44 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 10 independent base-flow measurements with concurrent base flows at gaging station 02214500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	37	41	43	46
5	31	34	36	37
10	30	32	34	36
20	28	30	33	35
30	27	29	32	34

02349600 Beaver Creek at Montezuma, Ga.

LOCATION.--Lat 32°17'48", long 84°01'50", Macon County, at State Highway 26, at Montezuma.

DRAINAGE AREA.--39 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 11 independent base-flow measurements with concurrent base flows at gaging station 02214500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	25	30	33	36
5	18	21	24	25
10	16	18	21	23
20	15	17	20	22
30	14	16	19	21

02349960 Little Pennahatchee Creek near Lilly, Ga.

LOCATION.--Lat 32°06'58", long 83°51'43", Dooly County, at State Highway 90, 2.2 mi southeast of Lilly.

DRAINAGE AREA.--24 mi^2, approximately.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

PARTIAL-RECORD STATIONS

APALACHICOLA RIVER BASIN

02350900 Kinchafoonee Creek near Dawson, Ga.

LOCATION.--Lat 31°46'03", long 84°15'02", Lee County, at State Highway 32, 5.2 mi northwest of Leesburg.

DRAINAGE AREA.--527 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 14 independent base-flow measurements with concurrent base flows at gaging station 02353500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	170	190	210	250
5	110	130	160	170
10	90	110	130	140
20	84	97	110	120
30	77	90	100	110

02351700 Muckalee Creek near Smithville, Ga.

LOCATION.--Lat 31°53'43", long 84°11'52", Lee County, at State Highway 118, 3 mi east of Smithville.

DRAINAGE AREA.--265 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 10 independent base-flow measurements with concurrent base flows at gaging station 02350600.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	73	88	110	120
5	46	60	72	86
10	38	50	58	74
20	32	45	48	68
30	29	42	44	67

02351900 Muckalee Creek near Leesburg, Ga.

LOCATION.--Lat 31°44'07", long 84°07'23", Lee County, at State Highway 32, 2.8 mi east of Leesburg.

DRAINAGE AREA.--405 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 12 independent base-flow measurements with concurrent base flows at gaging station 02353500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	160	170	200	250
5	110	130	160	165
10	89	110	130	135
20	80	95	110	120
30	76	89	97	110

PARTIAL-RECORD STATIONS

APALACHICOLA RIVER BASIN

02353200 Nochaway Creek near Shellman, Ga.

LOCATION.--Lat 31°46'39", long 84°36'18", Randolph County, at State Highway 41, 1.5 mi north of Shellman.

DRAINAGE AREA.--52 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 10 independent base-flow measurements with concurrent base flows at gaging station 02350600.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	26	29	33	35
5	19	22	26	29
10	16	20	22	26
20	15	19	20	25
30	14	18	19	24

02354300 Chickasawhatchee Creek near Dawson, Ga.

LOCATION.--Lat 31°39'08", long 84°25'47", Terrell County, at county road, 7 mi south of Dawson.

DRAINAGE AREA.--63 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 11 independent base-flow measurements with concurrent base flows at gaging station 02353500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	12	14	15	19
5	7.0	8.7	11	12
10	5.8	7.3	9.0	9.4
20	5.1	6.2	7.4	7.6
30	4.8	5.8	6.2	6.9

02355000 Ichawaynochaway Creek near Newton, Ga.

LOCATION.--Lat 31°16'22", long 84°29'24", Baker County, at State Highway 200, 9 mi southeast of Newton.

DRAINAGE AREA.--1,020 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 20 independent base-flow measurements with concurrent base flows at gaging station 02353500. Eight of these concurrent flows were selected from the period of continuous-record gaging station operation at station 02355000 and 12 were measurements made during the period of operation of 02355000 as a partial-record gaging station.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	320	360	390	460
5	230	260	320	325
10	200	230	270	280
20	180	210	230	240
30	170	200	210	220

PARTIAL-RECORD STATIONS

APALACHICOLA RIVER BASIN

02356100 Spring Creek near Arlington, Ga.

LOCATION.--Lat 31°24'48", long 84°46'30", Early County, at State Highway 62, 3.5 mi southwest of Arlington.

DRAINAGE AREA.--49 mi^2, approximately.

REMARKS.--Estimated minimum average 7-day flow with a 10-year recurrence interval is 0.0 on the basis of numerous observations of no flow under base flow conditions.

PARTIAL-RECORD STATIONS

MOBILE RIVER BASIN

02384000 Conasauga River near Tennga, Ga.

LOCATION.--lat 35°00'34", long 84°44'02", Polk County, Tenn., at U.S. Highway 411, 1.5 mi north of Tennga.

DRAINAGE AREA.--108 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 14 independent base-flow measurements with concurrent base flows at gaging station 02387000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	32	39	53	65
5	28	35	37	43
10	25	29	33	37
20	23	26	39	32
30	22	25	28	30

02387600 Oothkalooga Creek near Calhoun, Ga.

LOCATION.--Lat 34°29'44", long 84°57'55", Gordon County, at county road, 1.2 mi south of Calhoun.

DRAINAGE AREA.--66.0 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 11 independent base-flow measurements with concurrent base flows at gaging station 02387000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second. for Indicated Number of Consecutive Days			
	7	30	60	90
2	26	29	35	40
5	24	27	28	31
10	22	24	26	28
20	21	22	25	26
30	20	21	24	25

02391500 Sharp Mountain Creek near Ball Ground, Ga.

LOCATION.--Lat 34°20'14", long 84°24'19", Cherokee County, at county road, 1.8 mi west of Ball Ground.

DRAINAGE AREA.--64.0 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 16 independent base-flow measurements with concurrent base flows at gaging station 02392500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, For Indicated Number of Consecutive Days			
	7	30	60	90
2	29	37	40	45
5	20	25	31	33
10	15	19	25	26
20	12	15	19	22
30	9.6	13	16	20

PARTIAL-RECORD STATIONS

MOBILE RIVER BASIN

02392100 Canton Creek at Canton, Ga.

LOCATION.--Lat 34°13'45", long 84°29'26", Cherokee County, at State Highway 20, at Canton.

DRAINAGE AREA.--22 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 18 independent base-flow measurements with concurrent base flows at gaging station 02392500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, for Indicated Number of Consecutive Days			
	7	30	60	90
2	6.0	8.5	9.4	11
5	3.5	4.9	6.6	7.4
10	2.4	3.3	4.7	5.3
20	1.6	2.3	3.3	4.1
30	1.3	1.8	2.6	3.5

02394400 Pumpkinvine Creek below Dallas, Ga.

LOCATION.--Lat 33°54'57", long 84°52'40", Paulding County, at State Highway 6, 2.2 mi west of Dallas.

DRAINAGE AREA.--40 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 18 independent base-flow measurements with concurrent base flows at gaging station 02337000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, For Indicated Number of Consecutive Days			
	7	30	60	90
2	6.7	10	15	20
5	2.7	5.2	7.2	12
10	1.4	2.4	4.2	7.6
20	.63	.99	2.0	3.9
30	.37	.56	1.2	2.4

02394600 Pettit Creek near Atco, Ga.

LOCATION.--Lat 34°10'43", long 84°48'44", Bartow County, at State Highway 3, 1.2 mi northwest of Cartersville.

DRAINAGE AREA.--37.8 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 17 independent base-flow measurements with concurrent base flows at gaging station 02383000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second. for Indicated Number of Consecutive Days			
	7	30	60	90
2	7.0	7.9	8.9	9.9
5	4.9	6.3	7.0	7.8
10	4.2	5.7	6.7	7.6
20	3.7	5.3	6.4	7.2
30	3.5	5.0	6.3	7.0

PARTIAL-RECORD STATIONS

MOBILE RIVER BASIN

02394900 Euharlee Creek at Taylorsville, Ga.

LOCATION.--Lat 34°05'42", long 84°59'28", Bartow County, at county road, at Taylorsville.

DRAINAGE AREA.--95 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 7 independent base-flow measurements with concurrent base flows at gaging station 02394950.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, For Indicated Number of Consecutive Days			
	7	30	60	90
2	57	64	72	76
5	45	54	58	66
10	38	44	50	59
20	31	34	41	50

02395500 Dykes Creek near Rome, Ga.

LOCATION.--Lat 34°15'31", long 85°05'00", Floyd County, 0.5 mi upstream from bridge on State Highway 20, and 5 mi east of Rome.

DRAINAGE AREA.--14.8 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 13 independent base-flow measurements with concurrent base flows at gaging station 02383000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second. for Indicated Number of Consecutive Days			
	7	30	60	90
2	3.6	4.1	4.6	5.1
5	2.7	3.4	3.7	4.1
10	2.3	3.1	3.5	4.0
20	2.1	2.9	3.4	3.8
30	2.0	2.7	3.3	3.7

02396300 Silver Creek near Lindale, Ga.

LOCATION.--Lat 34°10'38", long 85°09'39", Floyd County, at county road, southeast of Lindale.

DRAINAGE AREA.--17.9 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 15 independent base-flow measurements with concurrent base flows at gaging station 02383000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second, For Indicated Number of Consecutive Days			
	7	30	60	90
2	11	12	13	14
5	8.2	9.8	11	12
10	7.3	9.1	10	11
20	6.7	8.6	9.9	10
30	6.5	8.3	9.7	9.8

PARTIAL-RECORD STATIONS

MOBILE RIVER BASIN

02397900 Cane Creek near Trion, Ga.

LOCATION.--Lat 34°34'20", long 85°18'24", Chattooga County, at county road, 1.8 mi north of Trion.

DRAINAGE AREA.--36 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 12 independent base-flow measurements with concurrent base flows at gaging station 03568500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	0.84	1.1	1.4	1.8
5	.69	.75	.89	1.2
10	.47	.55	.70	.81
20	.36	.44	.58	.64
30	.34	.41	.51	.60

02411900 Tallapoosa River at Tallapoosa, Ga.

LOCATION.--Lat 33°46'27", long 85°18'00", Haralson County, at State Highway 100, 2 mi south of Tallapoosa.

DRAINAGE AREA.--237 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 16 independent base-flow measurements with concurrent base flows at gaging station 02337000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	50	67	86	100
5	27	42	52	74
10	17	25	34	54
20	9.7	13	21	34
30	6.8	9.0	15	25

02413200 Little Tallapoosa River near Bowdon, Ga.

LOCATION.--Lat 33°30'46", long 85°14'03", Carroll County, at State Highway 5, 2.2 mi southeast of Bowdon.

DRAINAGE AREA.--210 mi^2, approximately.

LOW FLOW ESTIMATES.--Based on correlation of 15 independent base-flow measurements with concurrent base flows at gaging station 02337000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	43	57	71	82
5	25	37	45	61
10	16	23	30	47
20	9.7	13	20	30
30	6.8	9.0	15	23

PARTIAL-RECORD STATIONS

TENNESSEE RIVER BASIN

03545300 Scataway Creek near Hiawassee, Ga.

LOCATION.--Lat 34°55'33", long 83°40'37", Towns County, at U.S. Highway 76, near Hiawassee.

DRAINAGE AREA.--6.08 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 8 independent base-flow measurements with concurrent base flows at gaging station 03545000.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	3.5	3.9	4.5	4.8
5	3.0	3.3	3.5	4.0
10	2.8	3.2	3.4	3.5
20	2.5	2.8	3.2	3.4
30	2.3	2.7	3.0	3.2

03550766 Butternut Creek near Blairsville, Ga.

LOCATION.--Lat 34°52'34", long 83°58'10", Union County, at bridge on U.S. Highway 19, 0.6 mi west of Blairsville.

DRAINAGE AREA.--11.1 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 12 independent base-flow measurements with concurrent base flows at gaging station 03550500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	5.7	6.3	7.1	7.8
5	4.0	5.7	6.0	6.3
10	3.8	5.0	5.3	5.7
20	3.9	4.2	4.8	5.0
30	3.6	3.9	4.3	4.5

03566700 South Chickamauga Creek at Ringgold, Ga.

LOCATION.--Lat 34°55'07", long 85°07'32", Catoosa County, at State Highway 3, at Ringgold.

DRAINAGE AREA.--169 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 14 independent base-flow measurements with concurrent base flows at gaging station 03567500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	44	49	55	59
5	41	43	46	50
10	36	37	41	44
20	32	34	38	40
30	31	33	36	39

PARTIAL-RECORD STATIONS

TENNESSEE RIVER BASIN

03567200 West Chickamauga Creek near Kensington, Ga.

LOCATION.--Lat 34°48'10", long 85°20'52", Walker County, at State Highway 2, 2.5 mi northeast of Kensington.

DRAINAGE AREA.--73.0 mi^2.

LOW FLOW ESTIMATES.--Based on correlation of 14 independent base-flow measurements with concurrent base flows at gaging station 03568500.

MAGNITUDE AND FREQUENCY OF ANNUAL LOW FLOWS

Recurrence interval in years	Lowest Average Flow, in Cubic Feet per Second for Indicated Number of Consecutive Days			
	7	30	60	90
2	8.0	9.2	10	12
5	7.2	7.5	8.2	9.2
10	5.6	6.5	7.3	7.9
20	5.2	5.8	6.8	7.0
30	5.1	5.6	6.1	6.7

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