Water-Supply Characteristics of North Carolina Streams

By G. C. GODDARD, JR.

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CONTENTS

	Page
Abstract	1
Introduction	1
Purpose and scope	1
Acknowledgments	2
Physical and hydrologic description	3
Topography and drainage	3
Climate	5
Occurrence and quality of water	7
The hydrologic cycle	7
Sources of water	7
Variations in streamflow	10
Variation with time	10
Variation with location	13
Methods of analysis	14
Available basic data	14
Reference period	15
Adjustment to reference period	15
Flow-duration data	16
Low-flow frequency data	18
Meaning of frequency data	18
Computation of low-flow frequency data	19
Minimum discharge along six major rivers	27
Storage-required-frequency data	34
Base-flow observation points	35
Discussion of results	37
Estimation of data for sites other than gaged sites	37
General relationships	38
Explanation of terms	39
Summary	41
Selected references	42
Index	221

ILLUSTRATIONS

PLATE 1. Map of North Carolina showing location of gaging stations ..... In pocket

	Page
FIGURE 1. Map of North Carolina, showing physiographic provinces	4
2. Map of North Carolina, showing mean annual precipitation for the period 1931–56	6
3. Generalized diagram of hydrologic cycle in North Carolina	8

Page

FIGURE 4. Average monthly precipitation and runoff, Tar River at Tarboro for the period 1931–56 10
5. Average monthly precipitation and runoff, French Broad River at Asheville for the period 1931–56 11
6. Annual precipitation at Tarboro and runoff of Tar River at Tarboro 11
7. Annual precipitation at Hendersonville and runoff of French Broad River at Asheville 12
8. Duration curve of daily flow, Tar River at Tarboro and French Broad River at Asheville 17
9. Hydrograph of daily flow, Tar River at Tarboro, during the 1941 climatic year, showing occurrence of minimum rates of flow for selected numbers of consecutive days 20
10. Hydrograph of daily flow, Tar River at Tarboro, September through November 1941, showing occurrence and average rate of minimum flow for periods of 1, 7, 30, and 60 consecutive days 21
11. Hydrograph of daily flow, French Broad River at Asheville, during the 1941 climatic year, showing occurrence of minimum rates of flow for selected numbers of consecutive days 22
12. Hydrograph of daily flow, French Broad River at Asheville, September through November 1941, showing occurrence and average rate of minimum flow for periods of 1, 7, 30, and 60 consecutive days 23
13. Magnitude and frequency of annual low flow, Tar River at Tarboro, adjusted to the reference period 1897–1955 25
14. Magnitude and frequency of annual low flow, French Broad River at Asheville, adjusted to the reference period 1897–1955 26
15. Low-flow curves for 20- and 60-year recurrence intervals, Tar River at Tarboro and French Broad River at Asheville 27
16. Minimum annual 7-day discharge, having a recurrence interval of 10 years, and drainage area along Tar River 28
17. Minimum annual 7-day discharge, having a recurrence interval of 10 years, and drainage area along Eno River and Neuse River 29
18. Minimum annual 7-day discharge, having a recurrence interval of 10 years, and drainage area along Haw River and Cape Fear River 30
19. Minimum annual 7-day discharge, having a recurrence interval of 10 years, and drainage area along Yadkin-Pee Dee River 31
20. Minimum annual 7-day discharge, having a recurrence interval of 10 years, and drainage area along Drowning Creek and Lumber River 32
21. Minimum annual 7-day discharge, having a recurrence interval of 10 years, and drainage area along French Broad River 33
22. Storage requirements for 20- and 60-year recurrence intervals, Tar River at Tarboro and French Broad River at Asheville 36

TABLES

Page

TABLE 1. Summary of monthly and annual precipitation, in inches, at selected places for the period 1897–1956 46
2. Summary of monthly and annual temperature, in degrees Fahrenheit, at selected places for the period 1897–1956 48
3. Average precipitation and runoff, in inches, for selected river basins for the period 1931–56 50
4. Annual precipitation at selected sites and runoff from river basins at sites indicated 52
5. Stream-gaging sites and quality-of-water sampling sites 54
6. Duration of daily flow at stream-gaging sites 78
7. Duration of daily flow at stream-gaging sites where flow is affected by regulation 89
8. Magnitude and frequency of annual low flow at stream-gaging sites 90
9. Lowest average flow for 7 consecutive days during each year of continuous record at gaging stations, 1889–1919 151
10. Lowest average flow for 7 consecutive days during each year of continuous record at gaging stations, 1920–55 152
11. Storage required for selected recurrence intervals at stream-gaging sites 162
12. Streamflow characteristics at base-flow observation points 184

WATER-SUPPLY CHARACTERISTICS OF NORTH CAROLINA STREAMS

By G. C. Goddard, Jr.

ABSTRACT

North Carolina has an abundance of surface water. The streams in the State discharge 16,300 billion gallons per year, on the average, as compared with the present annual use of 343 billion gallons. But because of variations in streamflow, the water needed at a particular time and place is not always easily available. The continued economic growth of North Carolina depends in part on the availability of facts about the surface water resources.

Because of difference in climate and physiographic factors across the State, streamflow—particularly low flow—is subject to large variations with respect to time and place. The average discharge of streams in a large part of the State ranges from 1 to 2 cfs per sq mi; in parts of the Tennessee River basin the average discharge is as much as 4 cfs per sq mi. The low flows are even more variable; the low flows for 7 consecutive days that may occur every 2 years, on the average, range from less than 0.1 cfs per sq mi to more than 1 cfs per sq mi. Data are presented that define the degree to which low flows can be augmented by using storage reservoirs.

For most of the analyses presented in this report, streamflow data have been adjusted to a common period of time. The report lists the names and locations of sites on streams for which data on chemical quality are available in Geological Survey and State reports.

INTRODUCTION

PURPOSE AND SCOPE

This report presents the most complete data yet published on the water-supply characteristics of North Carolina streams. Previous reports have presented similar data for limited geographical areas. (See Billingsley and others, 1957; Fish and others, 1957.) Low-flow and water-supply statistics for all sites in the State where the necessary basic observations have been made are presented for the first time. Rather complete data are included for continuous-record and partial-record gaging stations, and more limited data are included for other sites at which one or more observations of base flow are available. The data are summarized in tables at the end of this report. For the sake of completeness and consistency, data for stations in the Neuse and the Yadkin-Pee Dee River basins are given which

supersede those published by Billingsley and Fish. The discrepancies that exist are caused by difference in reference periods and areal extent of the analyses.

The areal coverage of this report is as complete as possible with the basic data available at the time of computation. The density of gaged sites varies somewhat between different regions within the State, the coverage being fairly adequate (although not complete) in all areas except the coastal counties. In the areas near the coast, tidal estuaries, swamps and marshes, numerous drainage canals, saline ground water, and the nearly complete absence of fresh-water streams present special problems in water supply that cannot be solved by the techniques used to collect and analyze data for this report. Investigations fitted specifically to the conditions found there will be necessary before the water facts for much of the area in the coastal counties can be compiled.

The applicability of data in this report to the design of a water resources development project depends on the proximity of the project to a gaged site. Although the number of sites included in this report is large, there are still many basins or subbasins located too far away from gaged streams for reliable extension of data, and additional observation and study will be required before needed design data can be compiled. In addition to furnishing design data, the tabulations included in this report provide basic data for extending and refining concepts in the field of theoretical hydrology.

The data on flow-duration curves, low-flow frequency, and draft-storage frequency presented in this report have been adjusted by comparison with the longest records in the State to represent more nearly the flow characteristics to be expected over a long period of years in the future. Because of this adjustment to a common reference period, the observed differences between streams are less likely to be due to differences in the periods of record.

Chemical, physical, and sanitary qualities are important factors affecting the water-supply potential of streams. Available data and discussion of quality characteristics have been presented in other reports, however, and are not included in this report.

ACKNOWLEDGMENTS

This report would not have been possible except for the collection of basic records by many State and Federal employees through the years 1889–1956. Streamflow characteristics were derived from the basic records, and the report was prepared through the financial cooperation of the North Carolina Department of Conservation and Development, succeeded by the North Carolina State Department of Water Resources.

The report was prepared by the U.S. Geological Survey under the supervision of E. B. Rice, district engineer. Mr. Rice and his assistant, R. E. Fish, conceived the idea of such a report and, together with C. H. Hardison, Geological Survey, cooperated in the planning and furnished general supervision and guidance. P. N. Walker, as principal assistant to the author, did many of the complex computations.

PHYSICAL AND HYDROLOGIC DESCRIPTION

North Carolina lies between lat 33°50′–36°36′ N. and between long 75°28′–84°18′ W., the span of longitude being greater than that of any other State east of the Mississippi River. The extreme length from east to west is 503 miles; the extreme width from north to south is 187 miles. The total area of the State is 52,712 square miles, of which 2,509 square miles are sounds and outer banks (offshore islands), and 50,203 square miles are inland areas, including lakes and streams. Differences in physical characteristics over the length of the State result in several subdivisions which are generally used to categorize any description of the State. Fenneman (1946) divides the State into two major divisions and three provinces—the Coastal Plain Province of the Atlantic Plain in the east and the Piedmont and Blue Ridge Provinces of the Southern Appalachian Highlands in the west. A further subdivision, which is not generally recognized in nationwide classifications, but which is important locally, is the area in the south-central part of the State commonly known as the Sand Hills. This subarea lies along the south border of the State in parts of the Coastal Plain and Piedmont. The physiographic divisions are shown in figure 1.

TOPOGRAPHY AND DRAINAGE

Major streams in the Blue Ridge Province generally flow northward or northwestward to join the Tennessee and Ohio Rivers or their tributaries in other States. Other streams that have their headwaters in the Blue Ridge Province flow southeastward to the Piedmont. These rivers and others that start in the western Piedmont flow southeastward through the Piedmont and into South Carolina. Streams of the Blue Ridge Province and western Piedmont are all characterized by steep slopes and excellent drainage. Valleys are rather narrow, and tributaries tend to be oriented perpendicular to the receiving streams.

The characteristic feature of the topography in the eastern Piedmont is rolling to steep hills. The rivers here generally flow southeastward to South Carolina or to the Coastal Plain of North Carolina.

The tributary pattern is more dendritic than that of streams farther

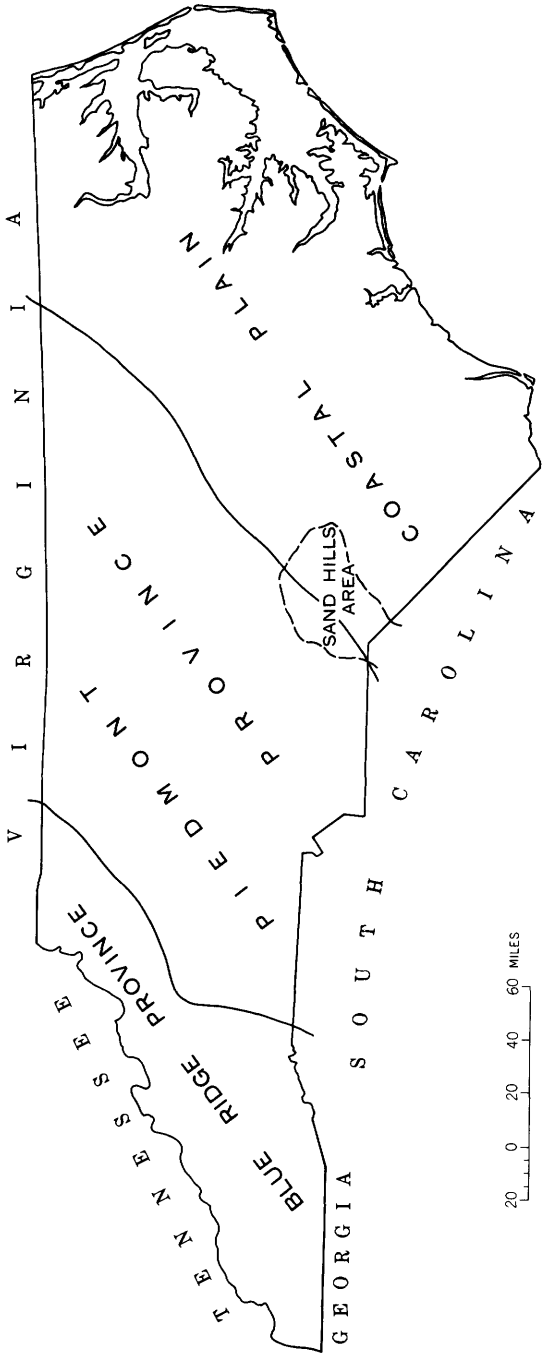

FIGURE 1.—Map of North Carolina showing physiographic provinces.

west. Stream slopes are steep and drainage is good except for a few swampy areas which cover small parts of the flood plains.

The Coastal Plain is characterized by moderate to gentle land and stream slopes in the west, decreasing to very flat slopes and poor drainage in the east. Tributary streams tend to parallel the main stems for long distances. Streams meander considerably and have broad flood plains, although pronounced oxbows are rare and many streams have rather steep banks. Large swampy areas cover many of the flood plains throughout the region. Streams generally are braided near the coast, with many anabranches and distributaries meandering through the swamps. Large areas in the eastern half of the Coastal Plain have poorly developed stream patterns. Several large areas, known locally as swamps or poccosins, are generally covered by lowland varieties of timber and shrubs, and drainage divides are poorly defined or nonexistent. A mantle of sandy soil generally overlies limestone in the southern part of the Coastal Plain, and Karst topography is found in some localities; limestone sinks (known as Carolina Bays) have important influences on topography and drainage.

CLIMATE

North Carolina has a mild, humid climate. Regional climatic variations are due to the great distance from east to west and differences in elevation.

Precipitation occurs mostly as rain; but in the western part of the State, a significant part falls as snow and ice. During 56 years of record at Asheville, for example, about 2.9 percent of all precipitation fell as snow or sleet. The variations of average annual precipitation across the State are shown in figure 2, except that in mountainous areas, not all the variations could be shown. Monthly and annual variations are shown in table 1 and in figures 4, 5, 6 and 7.

Mean annual temperatures generally decrease from east to west, but vary from this pattern at some stations because of proximity to the coast or differences in elevation. Temperatures, of course, vary seasonally from the winter minimums, usually in February, to the summer maximums, usually in July. The minimum temperature recorded in the State was −23° F at Mount Mitchell, and the maximum was 109° F at Albemarle and Weldon (A. V. Hardy, State climatologist, U.S. Weather Bureau, oral communication, 1961). Growing seasons are about 140 days in the mountain valleys in the vicinity of Banner Elk and about 240 days at New Bern. Average monthly and annual temperatures and maximum and minimum monthly and annual temperatures are listed in table 2 for 19 weather stations in the State.

Variations in weather and climate as they affect streamflow are discussed in the section on "Variations in Streamflow."

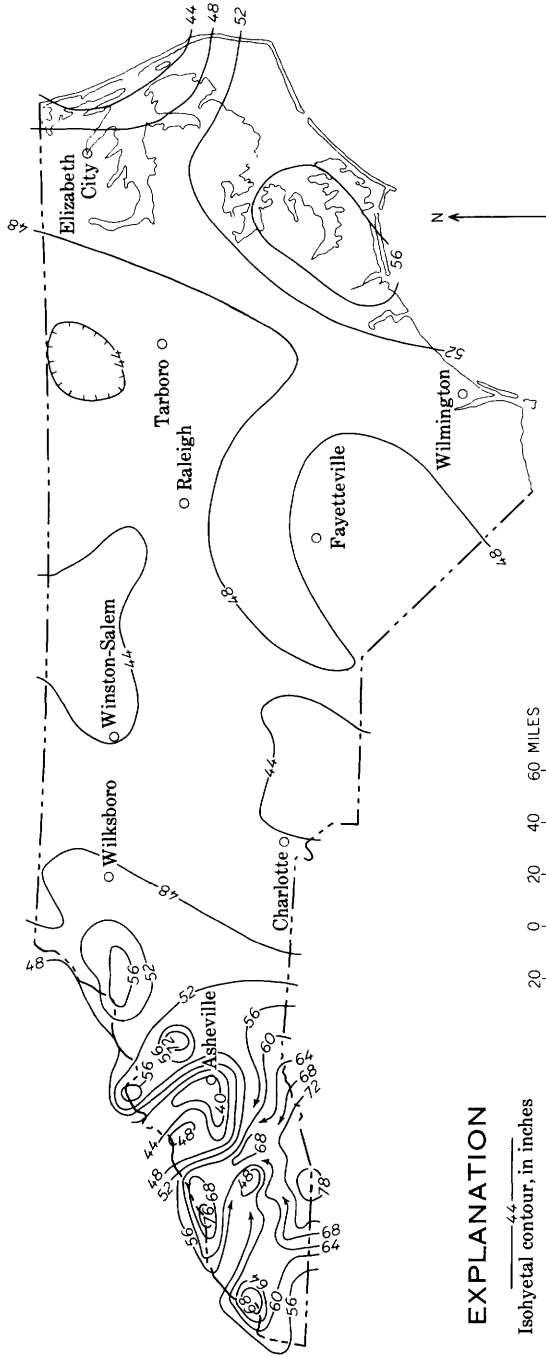

FIGURE 2.—Map of North Carolina showing mean annual preciptation in inches, for the period 1931–56 (after U.S. Weather Bureau, 1960).

OCCURRENCE AND QUALITY OF WATER

THE HYDROLOGIC CYCLE

The water we use, whether it is from surface or ground-water sources, has its origin in precipitation. In the natural sequence of events, the water that is evaporated from the ocean by the energy of the sun is carried inland as vapor, and some falls on the land as rain, snow, sleet, or hail. Some of the precipitation is returned to the atmosphere by evaporation and transpiration, and the remainder percolates into the soil or flows overland and down the channels of surface streams. Much of the water that enters the soil is evaporated or transpired, but the remainder moves downward to the water table and enters the zone of saturation. Some of this water goes into permanent ground-water storage, but much of it moves laterally toward streams, maintaining the fair-weather flow. The water that moves beneath or upon the land surface eventually reaches the sea where it is again evaporated.

Total quantities of water involved in the hydrologic cycle during an average year in North Carolina are indicated in figure 3. The quantities listed are average values for the period 1896–1955 and do not include streamflow entering North Carolina from other States. The only large streams flowing into North Carolina are the Roanoke and Chowan Rivers. (The headwaters of several other streams are located in other States, but the quantities of flow entering North Carolina are not significant compared with the total quantities being considered here.) The average runoff from the parts of the Roanoke and Chowan River basins that lie in Virginia amount to about 2,300 billion gallons per year. This figure, added to the 14,000 billion gallons originating in North Carolina, amounts to a total of about 16,300 billion gallons of water per year (or 44,600 mgd) which is available for use in North Carolina and adjacent States. This quantity far exceeds present usage, and there is no foreseeable overall shortage of water in North Carolina as long as pollution is controlled to maintain the water in usable quality.

SOURCES OF WATER

The quantity of water available in a particular locality is an important factor in the economic growth of the locality. Quality of water is also important. Polluted or highly mineralized water has limited value (except for certain uses such as cooling) unless it can be adequately and economically treated to be made fit for a desired use. Sources from which water of desirable quality is available will be used in preference to less desirable sources. The selection of a source

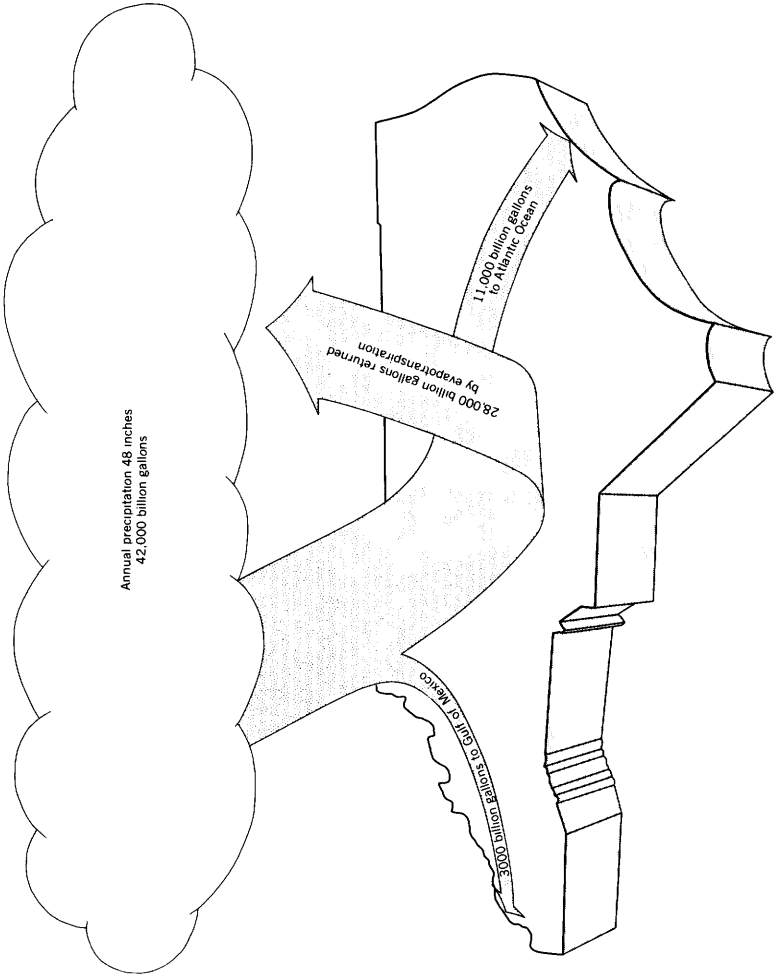

FIGURE 3.—Generalized diagram of hydrologic cycle in North Carolina.

for a proposed water supply involves a balance between economic factors related to quantity and those related to quality. Relative costs of pipelines, pumping, reservoir development or well drilling, and maintenance are often considered in relation to relative costs of treatment in the final selection of one of several possible sources.

For these reasons, data on quality of water, as well as quantity, are needed as a guide to the best use of the water resources of the State. Considerable data are available on chemical constituents, biological quality, and suspended sediments. These data are available in State and Federal reports, the most important of which are listed in the "Selected References." The sites at which records of the chemical quality of surface water have been collected are indicated in table 5, but the records are not included in this report and the quality characteristics are not discussed.

Present sources and uses of water.—According to a recent estimate (MacKichan, 1962), 343 billion gallons of water per year is used from all sources in North Carolina for agricultural, industrial, and domestic purposes. This estimate does not include water used in connection with steam and hydroelectric power generation. Of the total, it was estimated that 276 billion gallons (80 percent) was supplied from surface-water sources, and 67 billion gallons (20 percent) was from wells. The estimates indicate the quantities, in billions of gallons per year, for the three types of use to be as follows: agricultural use 132 (39 percent), industrial use 111 (32 percent), and domestic use 100 (29 percent).

Although the greater quantity of water supplied is from surface-water supplies, many ground-water sources supply water in small quantities for municipal and industrial use, and the number of ground-water wells probably exceeds the number of surface water sources. Of the 276 billion gallons per year (756 mgd) of surface water used, 48 percent is used by agriculture, 36 percent by industry, and 16 percent is used domestically. The 67 billion gallons per year of ground water used is divided between industrial (15 percent) and domestic (85 percent) uses.

Municipal, agricultural, and some industrial processing uses are partly or wholly consumptive, and account for most of the consumptive use of water in the State. Other uses, not included in the preceding estimates, such as for generation of hydroelectric power, cooling and condensing, navigation, and dilution of wastes, depend on large quantities of water, but do not appreciably change the quantity available for subsequent use, and, except for dilution of wastes, usually do not affect quality to the extent of seriously limiting subsequent uses.

VARIATIONS IN STREAMFLOW

Variation is the most important aspect of streamflow. Streamflow varies not only from day to day and year to year but also from place to place. This discussion of the amount and cause of streamflow variation in North Carolina shows why analyses such as are summarized in this report are required if streamflow characteristics are to be described adequately.

VARIATION WITH TIME

Streamflow in North Carolina is generally higher in the winter than in the summer so that average monthly flow varies seasonally somewhat as shown in figures 4 and 5. The seasonal pattern of streamflow is more pronounced than that of precipitation largely because of increased losses by evapotranspiration (the total of evaporation and transpiration) during the summer. The seasonal pattern of flow for nine stations is indicated by the data in table 3. The seasonal pattern provides only a rough indication of the amount of flow to be expected because the pattern itself varies from year to year. The summer flow in some years, for example, is much lower than the average flow given in table 3; also, floods can occur at any time during the year.

The variation in streamflow from year to year shown by the annual runoff plotted in figures 6 and 7 indicates that the average discharge

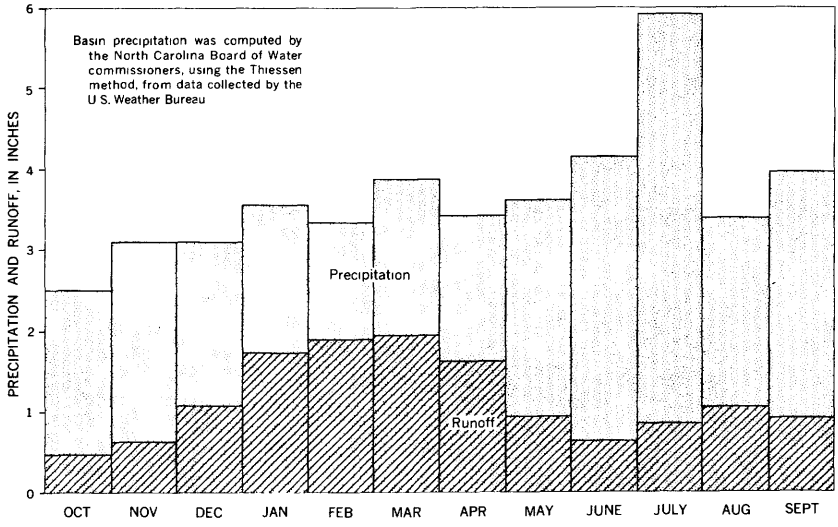

FIGURE 4.—Average monthly precipitation and runoff, Tar River at Tarboro for the period 1931–56. Basin precipitation computed by the North Carolina Board of Water Commissioners, using the Thiessen method, from data collected by the U.S. Weather Bureau.

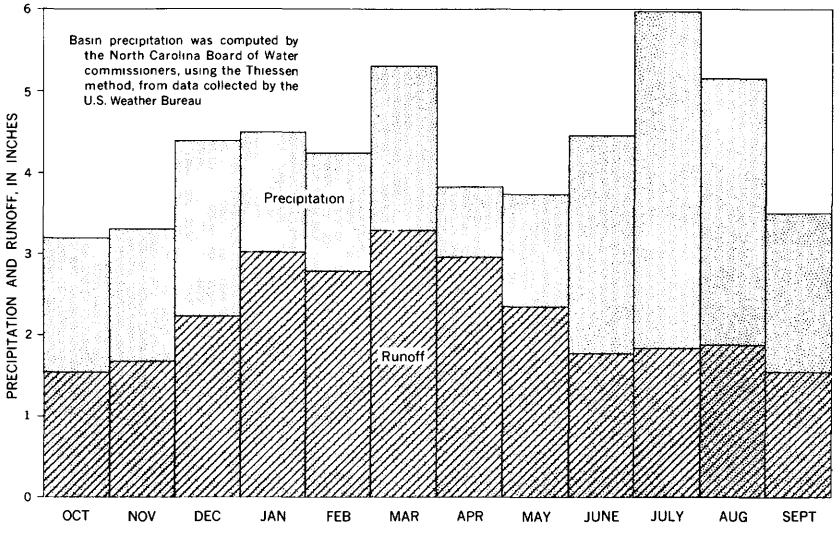

FIGURE 5.—Average monthly precipitation and runoff, French Broad River at Asheville for the period 1931–56. Basin precipitation computed by the North Carolina Board of Water Commissioners, using the Thiessen method, from data collected by the U.S. Weather Bureau.

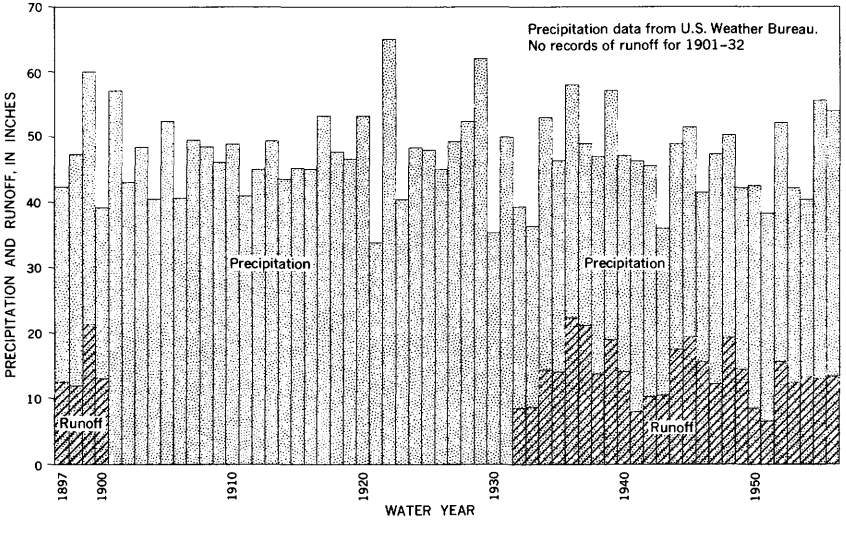

FIGURE 6.—Annual precipitation at Tarboro and runoff of Tar River at Tarboro.

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for some years is as low as a third of that of other years. Furthermore, several successive years may be low or high. Annual runoff appears to vary somewhat with annual precipitation, which is also shown in these figures. Annual precipitation and runoff for other stations are given in table 4.

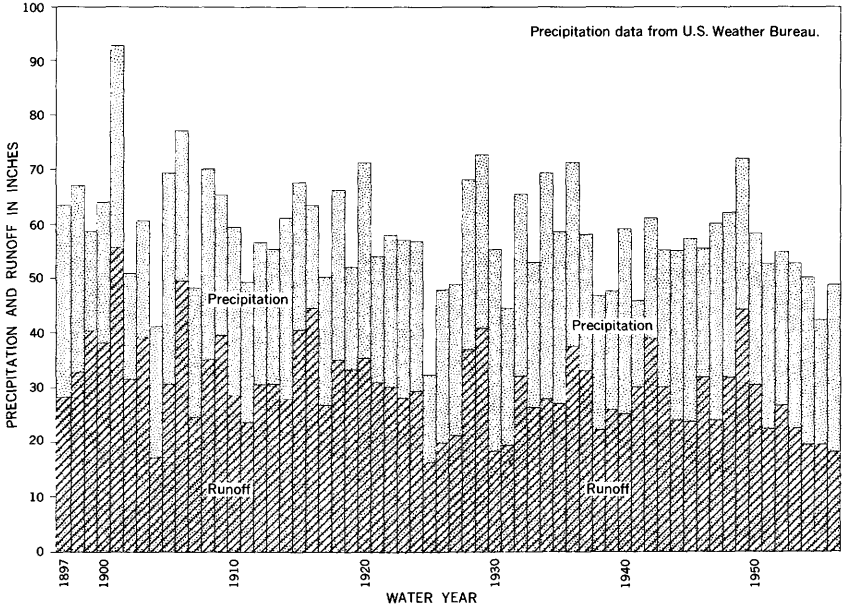

FIGURE 7.—Annual precipitation at Hendersonville and runoff of French Broad River at Asheville.

Although records of hydrologic data often indicate cycles covering several years, authorities have generally concluded that variations in precipitation and runoff do not follow systematic cycles and that such variations are chiefly random occurrence. Attempts to demonstrate predictable cycles have been inconclusive.

Long-term trends in streamflow are also difficult to prove because available records are not long enough to indicate whether the average flow has really changed or whether it will return to the average for an earlier period. Also, the fact that a downward trend may be due in part to manmade changes in environment complicates the appraisal of apparent trends.

Long-term records of streamflow for four rivers in North Carolina indicate a downward trend in average streamflow in the period 1897–1954. These rivers are representative of streams occupying broad regions within the State. Records indicate that streamflow was notably lower during the last half of this period than during the first half as shown in the following table.

Stream	Average discharge (cfs) [1]			Median of annual 7-day minimum discharges (cfs)		
	1896–1925	1925–54	Percent lower	1897–1926	1926–55	Percent lower
Cape Fear River (at Lillington)	3, 401	3, 308	3	400	213	47
Yadkin River (at Yadkin College)	3, 669	2, 859	22	1, 400	1, 130	19
French Broad River (at Asheville)	2, 276	1, 982	13	757	650	14
Valley River (at Tomotla)	277	238	14	61	48	21

[1] Cubic feet per second.

The figures in this table for the Cape Fear and Yadkin Rivers are based on combined records from more than one station on each river. The name of the town or city in parentheses indicates the location at which the major part of the record on the respective river was collected. Average discharge is compared for the periods October 1896 to September 1925 and October 1925 to September 1954; minimum discharge is for the periods April 1897 to March 1926 and April 1926 to March 1955.

The downward trend in streamflow at the four long-term stations studied leads to the conclusion that streamflow throughout the Piedmont and Blue Ridge provinces of North Carolina was nearly 20 percent lower during the last half of the period. This conclusion does not hold for the Coastal Plain, which is not represented in the preceding tabulation, because total precipitation at Tarboro and Goldsboro, both in the Coastal Plain, was slightly greater during 1925–54 than during 1897–1925. These apparent trends should not be construed as being indicative of a continuing trend or even of a permanent change.

VARIATION WITH LOCATION

The most obvious cause of variation in streamflow from place to place is variation in size of drainage area; but even though the effect of size has been removed by expressing the tabular data in this report in units of cubic feet per second per square mile, a cursory examination of the data in the tabular section reveals marked differences from place to place. A complete discussion of the cause of these differences is beyond the scope of this report, but a few of the factors that are known to cause differences in the flow characteristics of streams in North Carolina are discussed in the following paragraphs.

Much of the difference in the amount of streamflow from two drainage areas of the same size is due to differences in average annual

precipitation and in summer air temperatures. The fact that average annual precipitation in parts of southwestern North Carolina is more than one and one-half times that in the south-central part of the Coastal Plain (fig. 2) surely explains part of the difference in runoff in these areas, and the fact that air temperature and resulting evapotranspiration averages higher in the area of lower precipitation explains the variation more adequately. But the combined effect of these two factors and other climatic factors such as wind movement and humidity hardly explains the eightfold variation in average annual discharge shown by the records for stations 353 and 242. (See table 6.) The remaining variation is due to differences in physiographic factors.

Physiographic factors such as soils, surficial geology, topography, and vegetation have as much effect on differences in streamflow in North Carolina as do differences in climate. These factors regulate the infiltration, evapotranspiration, and release of water to streams and thus affect the amount of water that reaches streams. Their effect on the distribution of flow throughout the year is even more pronounced and explains why some streams cease to flow during a drought while other streams of the same size continue to flow.

METHODS OF ANALYSIS

AVAILABLE BASIC DATA

Basic data on streamflow at more than 800 sites in North Carolina were available for analysis in this report. At nearly half of these sites, observations of streamflow had been made over a period of years either to obtain a continuous record of daily discharge or to obtain periodic measurements of base flow. The analysis of these records is described in this section. At the other sites, where only a few base-flow measurements were made, the flow was related to one or more of the stations shown in table 5 as described in the section on "Base-Flow Observation Points." The location of these sites is given in table 12.

Continuous-record gaging stations are identified in table 5 by the word "Daily" in the type-of-discharge column, and the partial-record stations at which periodic measurements of base flow were obtained are identified by the word "Partial." For stations where chemical quality has been sampled, the frequency of sampling is indicated by the words "Monthly" or "Daily" in the type-of-chemical-quality column. Twenty stations at which chemical quality data have been obtained are listed in table 5 even though no stream-flow records were collected there The index numbers in table 5 identify the stations on plate 1 and in the tables. The site numbers, which are shown in tables 5 and 12, are the downstream order numbers permanently assigned

to the sites. Downstream order numbers are explained in more detail in each of the periodical reports on surface water supply issued since 1958 (U.S. Geological Survey, issued periodically).

REFERENCE PERIOD

The range from 1 to 61 years in length of record at the 195 daily discharge stations shown in table 5 indicates the need for adjusting the record to a common reference period. Short-period records generally do not include the variations in flow typical of a longer period and they may be severely affected by a series of unusually wet or dry years. Records adjusted to a common reference period are also more suitable for studying the differences in streamflow resulting from permanent differences in basin factors.

In this report, streamflow data for all streams have been adjusted to a 58- or 59-year reference period. The 59-year period October 1, 1896, to September 30, 1955, was used for flow-duration and average-discharge analysis and the 58-year period April 1, 1897, to March 31, 1955, for low-flow frequency and storage-required analysis. The reference period starts with 1896, the earliest year for which sufficient long-term records are available, and ends with 1955, the latest year of record available at the time the low-flow analyses were started.

ADJUSTMENT TO REFERENCE PERIOD

Seven stream-gaging stations for which records could be extended to the reference period 1897–1955 were used as the basis for adjusting other records to the same reference period. For one of these stations, French Broad River at Asheville, daily discharge was extended back from 1908 to 1897 (except for 1902) on basis of gage heights and discharge measurements; but for the other six stations, discharge data were extended by correlation with records at other stations. In making these extensions, long-term records on streams that have recently become regulated were used to extend the information available at unregulated stations with shorter records. Very few of the extended data are suitable for publication as a basic record of streamflow, but all are believed to be sufficiently reliable for the analyses in this report. Smoothed curves of low-flow frequency based on extended data at these seven stations (five in North Carolina and two in Virginia) were taken from a recent report by Hardison and Martin (1963).

Flow-duration data and low-flow frequency data for other stream-gaging stations in North Carolina were adjusted to the reference period 1897–1955 by relating the flow to that at two or more of the long-term stations or by relating it to that at two or more of the

stations that had been so adjusted. The relations were based on low-flow frequency and flow-duration data for the concurrent period of record. The relations for both types of data tend to coincide and to be the same as those shown by concurrent discharge. The relation curves were used to transpose the flow characteristics from the long-term stations to the short-term stations and thus in effect to extend the short-term data to the reference period.

FLOW-DURATION DATA

A flow-duration curve is a cumulative frequency curve that shows the percentage of time during which specified discharges were equaled or exceeded in a given period (Searcy, 1959). A flow-duration table is a list of the coordinate values that define the curve. Thus, flow-duration data show the time distribution of flow at a gaging station without regard to the sequence of flow. Although based on a specific period of record, they tend to indicate the distribution of flow to be expected in the future. The flow-duration data in this report were adjusted to the reference period as explained in the preceding section.

Flow-duration data for unregulated stream-gaging stations and partial-record stations adjusted to the period 1896–1955 are summarized in table 6. The results are presented as discharge per square mile to facilitate comparison between streams. The flow-duration curve for two of the sites in table 6 (index Nos. 40 and 322) are plotted in figure 8 to a logarithmic scale of ordinates and a probability scale of abscissas. The curves reflect the greatly different runoff characteristics of the two streams. The unadjusted curves for the period of record are shown for comparison. For Tar River at Tarboro, the discharge that was exceeded 98 percent of the time is shown by the table and the adjusted curve to be 0.061 cfs per sq mi, which is equivalent to 130 cfs from the drainage area at Tarboro of 2,140 square miles. For other stations in table 6, the discharge shown in cubic feet per second per square mile can similarly be multiplied by the drainage area listed in the third column to obtain the discharge in cubic feet per second at the gaging station site.

The average discharge shown in the fourth column of table 6 is the average discharge for the reference period 1896–1955. It was estimated from the observed record at each gaging station by means of the relation curves used to extend the flow-duration data and the low-flow frequency data. If the observed average for two stations for a concurrent period of record plotted within 5 percent of the curve based on the other data, the adjusted average was taken from the curve; otherwise it was taken from a parallel curve drawn through the point. For the partial-record stations, where there was no observed

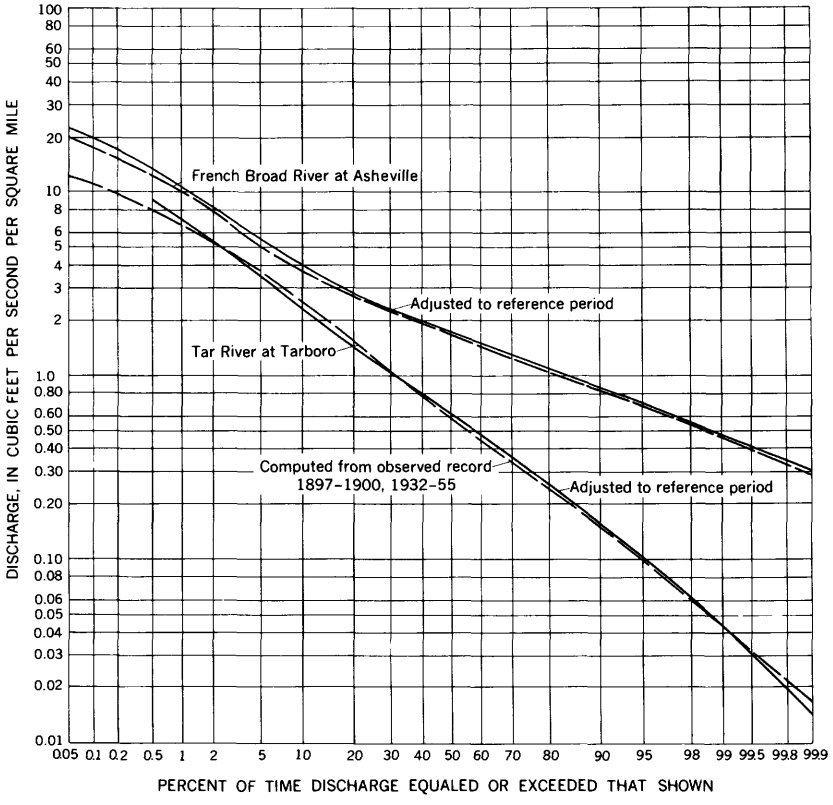

FIGURE 8.—Duration curve of daily flow, Tar River at Tarboro and French Broad River at Asheville.

average, the estimated average discharge was taken directly from the relation curve.

Flow-duration data for gaging stations where the flow is affected by regulation are summarized in table 7. These flow-duration data, which are for the period of regulated record shown for each station, are expressed in cubic feet per second, because the flow per square mile would have but little significance. Records for years of natural flow and the filling periods of large reservoirs are not included in these results. For eight of these stations (index Nos. 5, 207, 229, 357, 360, 367, 370 and 376), the flow-duration data for unregulated conditions have been estimated on the basis of records collected before regulation began, and the results are included in table 6. For sites where minor regulation or diversion affects only low flows, the duration data are listed in table 6 but not in table 7. The data thus shown are estimated to be within 10 percent of natural flow.

For sites where only a few base-flow measurements were made, the flow equaled or exceeded 50 and 90 percent of the time was estimated as described in the section on "Base-Flow Observation Points" and is listed in table 12. Although the flow-duration data estimated in this way are not as reliable as those in table 6, they are believed to be the best estimates possible with the information available and to be reliable enough for preliminary investigation and general comparisons.

LOW-FLOW FREQUENCY DATA

MEANING OF FREQUENCY DATA

Frequency has been used for many years to indicate the relative magnitude of extremes of streamflow. As soon as stream-gaging records became generally available, leading engineers and mathematicians began to analyze floods to determine their probable frequency of occurrence. Similar analyses of minimum flow have been made.

The concept of recurrence interval is rather universally recognized, even if not always completely understood. Press releases often give the length of time since the last event of equal or similar severity. For example, newspapers often contain such statements as: "The peak stage of the river was six inches higher than during the flood of 1900." Such a statement in a 1960 newspaper would imply to the reader that the flood being reported was at least a 60-year flood. The implication is well founded but not strictly in keeping with the meaning of recurrence interval.

A given recurrence interval cannot be interpreted as being the exact time interval between similar events, but is rather the average length of time (during a period several times the length of indicated recurrence interval) between events which exceed the given event in severity. Thus recurrence interval refers to the average time between hydrologic events, not to the exact length of time between the known dates of occurrence of two historical events.

A structure designed to wtihstand a 100-year flood may be subjected to such a flood or an even greater one any time during the next 100 years, possibly during the first year. Similarly, a water-supply reservoir could fail to supply the design draft because of critically low flows occurring at any time during the design period. While this possibility would seem to discourage the use of recurrence intervals as criteria for design, it should be recognized that a calculated risk is always involved in building works that depend on the vagaries of streamflow for their satisfactory use or operation and that it is better to appraise this risk than to ignore it.

By applying the methods described by Riggs (1961), it is possible to adjust a recurrence interval curve so that there is an assigned

probability that a curve value will not be exceeded during a corresponding design period. The probability that an event of a given magnitude will be exceeded in severity during a design period equal in length to the unadjusted recurrence interval of the event is about 0.64.

Length of minimum periods.—Minimum flows differ from peak flows in that interest is centered on sustained or average flow over some finite length of time rather than on momentary flow. Furthermore, no one period can be chosen as a unit of time that will satisfy all needs. Therefore, low-flow frequency data generally are prepared for a series of periods ranging from 1 day to several months or even 1 or 2 years.

Average flow during period.—The flows on which frequency analyses and adjustments are based are average observed flows—the arithmetic average of all daily mean flows in the minimum period. Thus an adjusted minimum is also an average and not the minimum instantaneous flow to be expected during the selected number of days.

The significance of average values of minimum discharges is illustrated in figures 9–12. For both stations used in the illustrations, the minimum day during 1941 is contained within the other minimum periods. Such is usually, but not always, the case; frequently, the minimum day and shorter minimum periods occur on dates not entirely included in the longer periods.

The differences between average flows indicated in figures 10 and 12 for similar length of period are greater for Tar River than for French Broad River. For example, the 30-day minimum at Tarboro is 1.44 times the 7-day minimum, whereas the similar ratio of discharges at Asheville is 1.08. The difference reflects the greater variability of streams, such as Tar River, in the eastern part of the State. The subject of variability is discussed in more detail in the section on "Discussion of Results."

COMPUTATION OF LOW-FLOW FREQUENCY DATA

Compilation of observed data.—Annual minimum average discharges for periods of 7, 30, 60, 90, 183, and 274 days were determined for all regular stations. These annual minimum discharges for the period of record at a station were arranged in order of magnitude, and order numbers were assigned, beginning with the lowest as number 1. Recurrence intervals based on observed data were then computed, as necessary, by the formula:

$$R.I.=\frac{n+1}{m}$$

where $R.I.$ is the recurrence interval, in years; n the number of years of record; and m the order of magnitude.

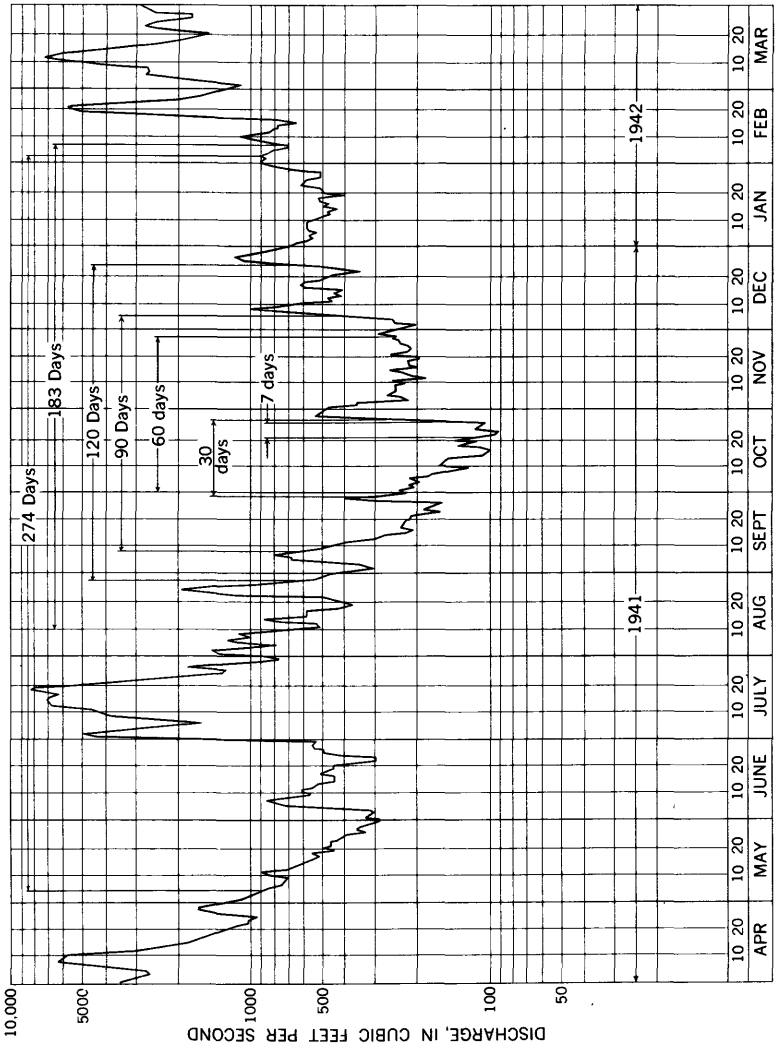

FIGURE 9.—Hydrograph of daily flow, Tar River at Tarboro during the 1941 climatic year, showing occurrence of minimum rates of flow for selected numbers of consecutive days.

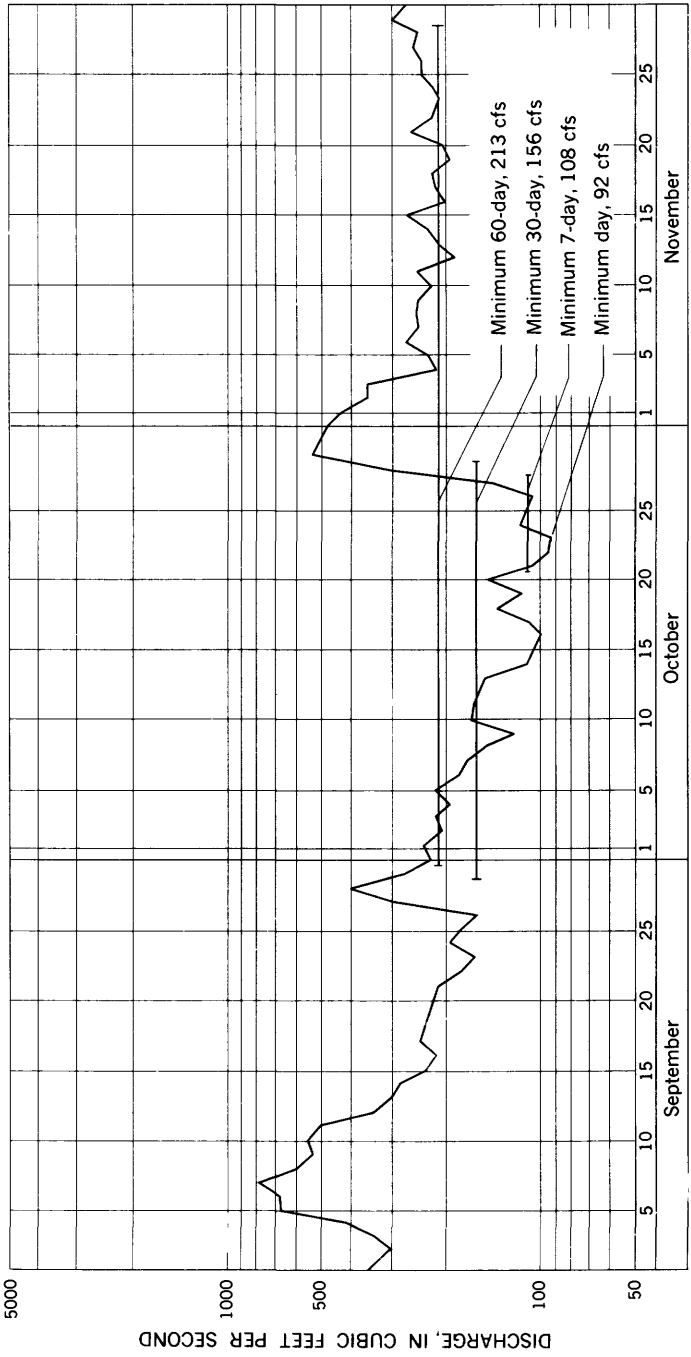

FIGURE 10.—Hydrograph of daily flow, Tar River at Tarboro, September through November 1941, showing occurrence and average rate of minimum flow for periods of 1, 7, 30, and 60 consecutive days.

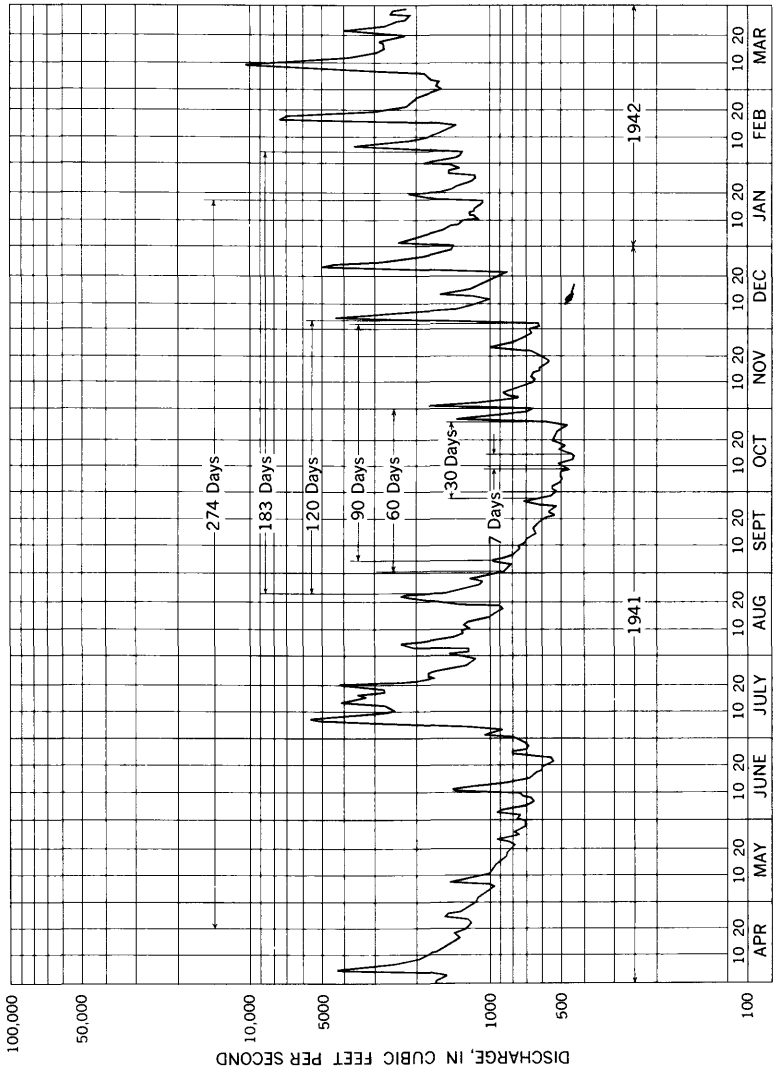

FIGURE 11.—Hydrograph of daily flow, French Broad River at Asheville during the 1941 climatic year, showing occurrence of minimum rates of flow for selected numbers of consecutive days.

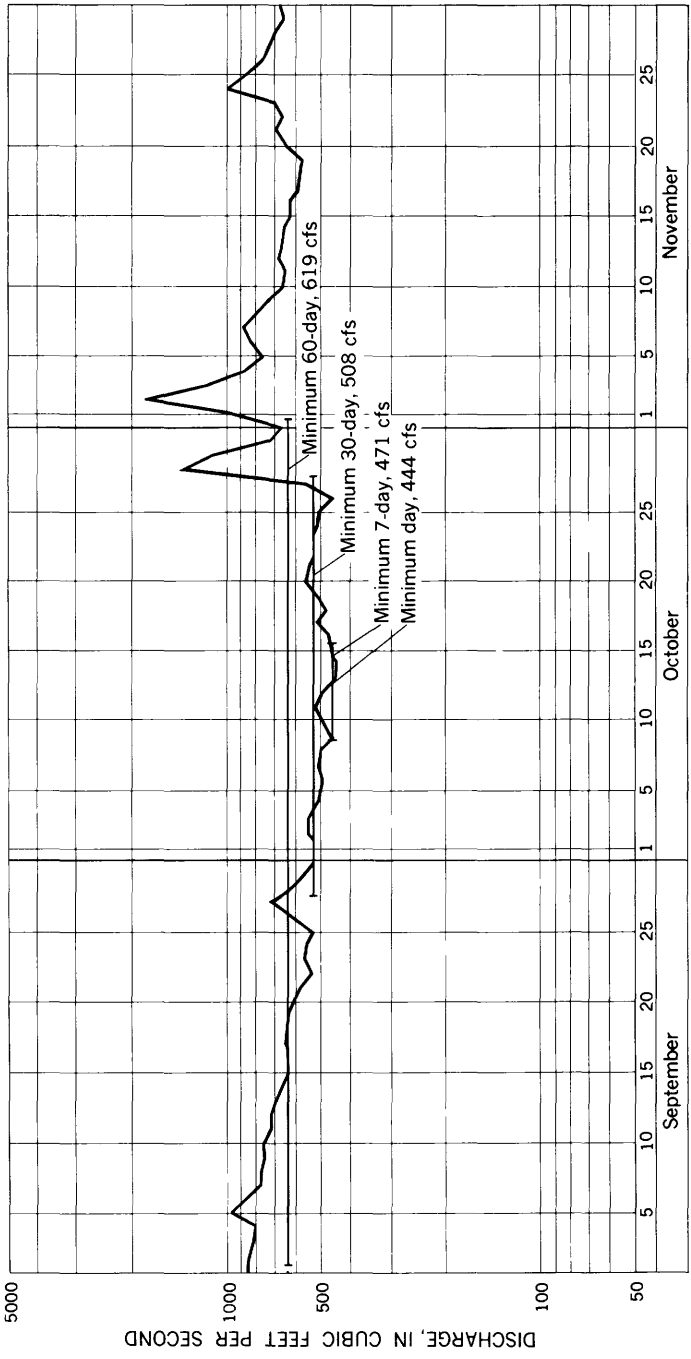

FIGURE 12.—Hydrograph of daily flow, French Broad River at Asheville, September through November 1941, showing occurrence and average rate of minimum flow for periods of 1, 7, 30, and 60 consecutive days.

Adjustment curves.—The relation curves used to adjust the short-term low-flow frequency data to the reference period, generally, were those defined by the monthly mean discharge and the discharge for equal percent duration. The applicability of these curves to the adjustment of the low-flow frequency curves was verified by plotting the 7-day and 183-day annual minimum discharges on the graph used for the other types of data. Annual minimum discharges for the concurrent periods of record were arranged in order of magnitude, and the discharge for equal order numbers at the two stations being related were used for this purpose. With the exception of relations involving Rocky River near Norwood (index No. 222), the 7-day and 183-day data checked the curves defined by the other type of data within allowable limits. For relations between the Norwood station and other stations, where there was an appreciable difference in the position of the relation curves for the various types of data, separate curves were drawn for each type.

Compilation of adjusted data.—The adjusted data were smoothed by plotting the discharge against recurrence interval on plotting paper having a logarithmic scale of ordinates and a scale of abscissas developed by Powell (1943) from Gumbel's theory of extreme values, and drawing smooth curves through the plotted points. Examples of the smoothed curves are presented in figures 13 and 14. Adjacent curves, such as the 7-day curve and 30-day curve, were drawn nearly parallel, with a gradual transition in shape from the 7-day curve to the 274-day curve, if such changes in shape were indicated by the plotted points. Figure 13 illustrates a typical example of this transition in shape. Only minor departures from plotted points were necessary in drawing the smooth curves. Discharges taken from the smooth low-flow frequency curves are tabulated in table 8 in units of cubic feet per second per square mile for periods of 7, 30, 60, 90, 120, 183, and 274 days and for recurrence intervals of 2, 5, 10, 20, 40, and 60 years. The leaders shown in some of the spaces in table 8 indicate that the discharge could not be determined owing to inadequate definition of the relation curves or to the effects of regulation or diversion. Those sites for which frequency data are affected wholly or in part by regulation or diversion are indicated by the symbol *N* after the site name. For some of these sites, the data were computed from records collected before regulation began; therefore they reflect natural-flow conditions. For other sites, extremely low flows that are affected appreciably by diversion are omitted from table 8. For sites where minor regulation affects daily duration data but does not affect the average flow for 7-day and longer periods, the symbol *N* appears in table 6 but not in table 8.

The low-flow frequency data presented in table 8 can be plotted with recurrence interval as a parameter as shown in figure 15 to give values

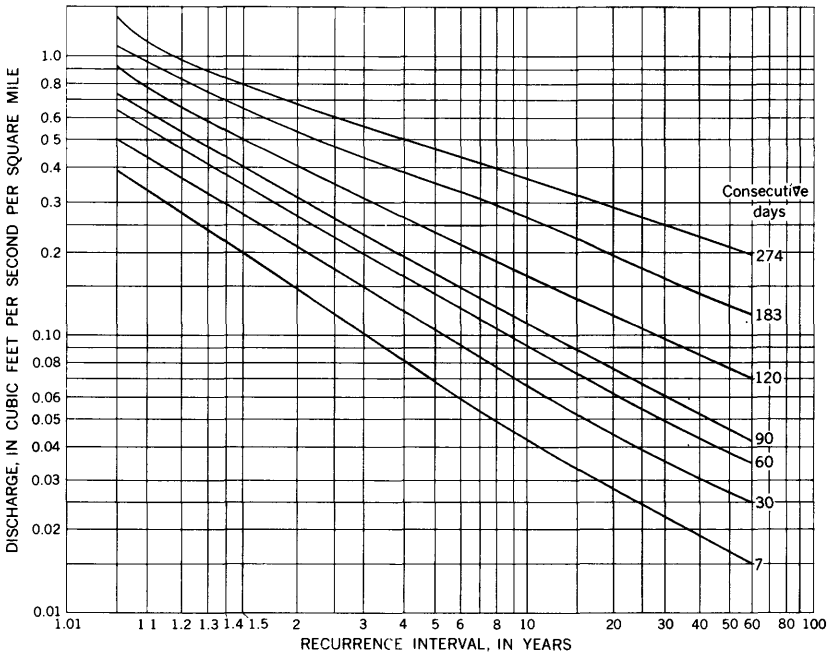

FIGURE 13.—Magnitude and frequency of annual low flow of the Tar River at Tarboro, adjusted to the reference period 1897–1955.

of discharge for periods other than the selected periods of consecutive days used in the analysis. The graphs in figure 15 are extended down to the one-day period by applying a coefficient of 0.90 to the 7-day discharge as explained in "Discussion of Results."

As the discharge data given in table 8 are in cubic feet per second per square mile, they must be multiplied by the drainage area in order to obtain the flow at a site. For example, the minimum 7-day discharge for a recurrence interval of 20 years at French Broad River at Asheville (index No. 322) is shown by table 8 to be 0.360 cfs per sq. mi. When this figure is multiplied by the drainage area of 945 square miles, the discharge is 340 cfs. This means that the annual minimum 7-day discharge would fall below 340 cfs at average intervals of 20 years, and in 19 years out of 20 on the average the annual 7-day minimum would be more than 340 cfs. The same information could be obtained from the 7-day curve in figure 14, or from the 20-year curve for Asheville in figure 15.

Although the trend in recent years seems to be toward the use of frequency data, minimum daily discharges of record are included in table 8, and observed annual minimum 7-day discharges are listed in tables 9 and 10 in order to satisfy possible continued interest in observed data. Whenever a minimum discharge of record is being

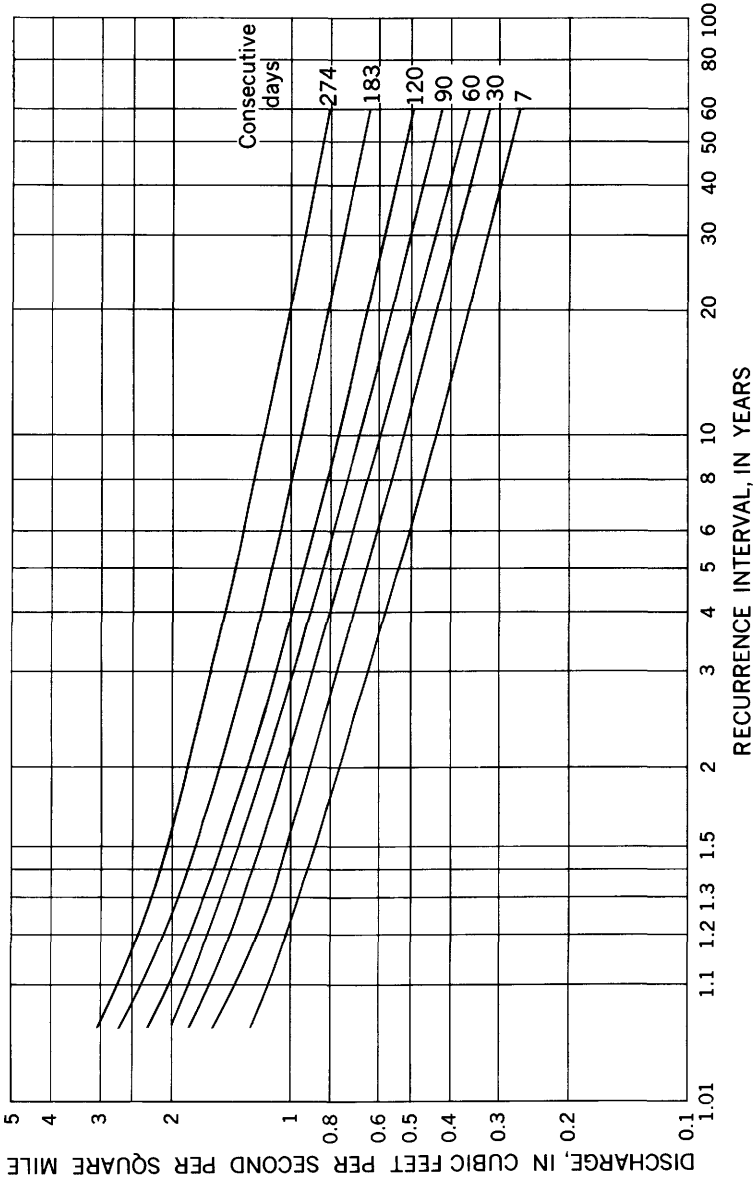

FIGURE 14.—Magnitude and frequency of annual low flow, French Broad River at Asheville, adjusted to the reference period 1897–1955.

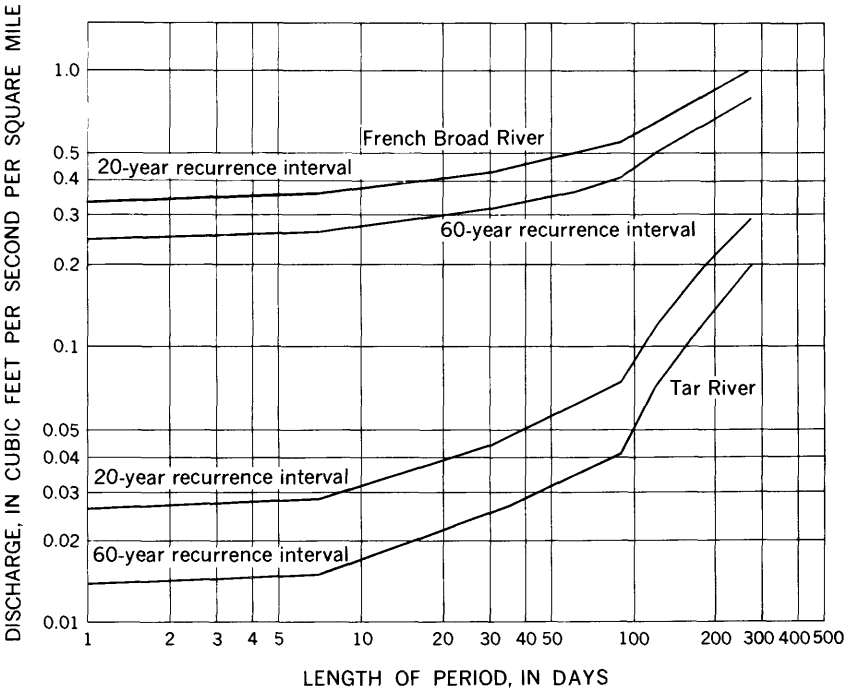

FIGURE 15.—Low-flow curves for 20- and 60-year recurrence intervals, Tar River at Tarboro and French Broad River at Asheville.

considered, tables 9 and 10 may be consulted to determine the period of record and the years when regulation or diversion affected the flow.

Frequency data for base-flow observation points.—Seven-day flows having recurrence intervals of 2, 10, and 20 years are included in table 12. The methods of developing these data and their probable accuracy are discussed in the section on "Base-Flow Observation Points."

MINIMUM DISCHARGE ALONG SIX MAJOR RIVERS

Figures 16–21 show 7-day, 10-year discharge and drainage area plotted against river mileage. The plotted discharge reflects natural flow. In most cases where the 7-day discharge is affected by regulation or diversion, the discharge shown is based on records collected before regulation or diversion began. In a few instances, however, records used in the low-flow frequency analysis were affected by fairly constant diversion, and the discharge shown on the graph has been corrected by the amount of the diversion. Location of diversion structures and dams on the main stem and the existence of diversions and regulation affecting the flow of tributaries are indicated by notes. Amounts of diversion are also indicated in the notes.

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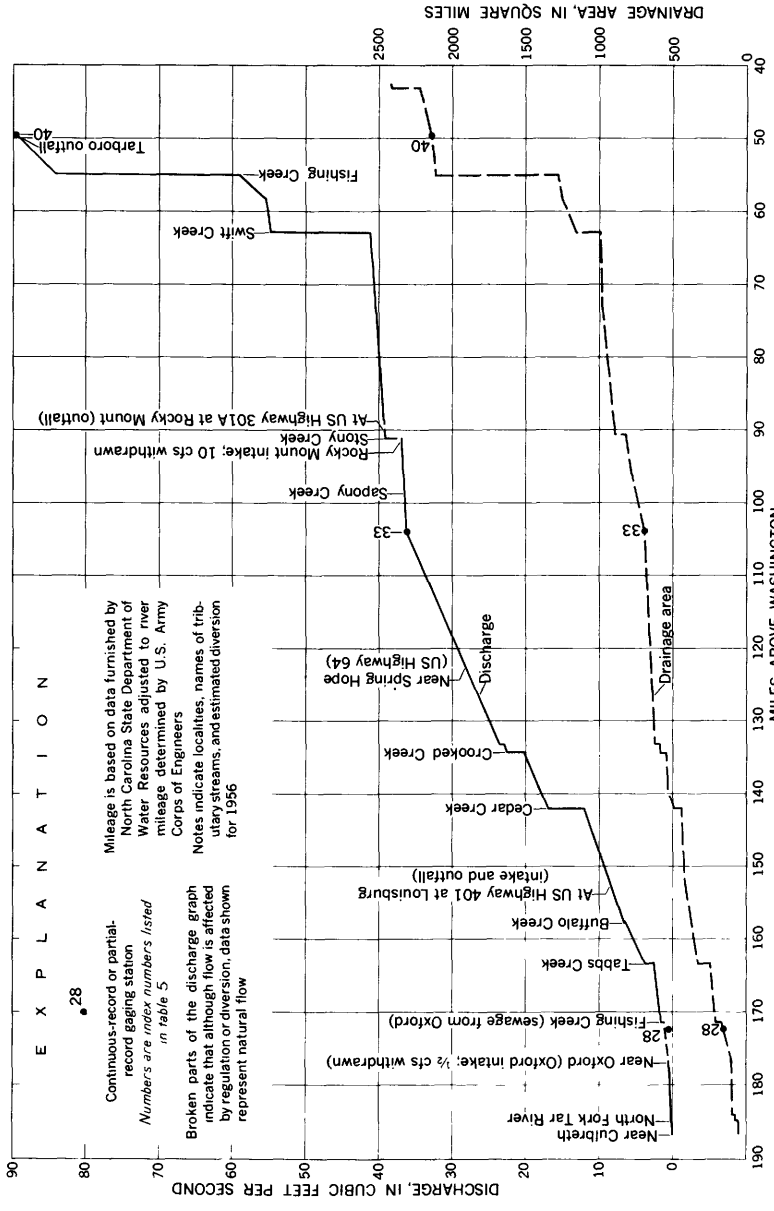

FIGURE 16.—Minimum annual 7-day discharge, having a recurrence interval of 10 years and drainage area along the Tar River.

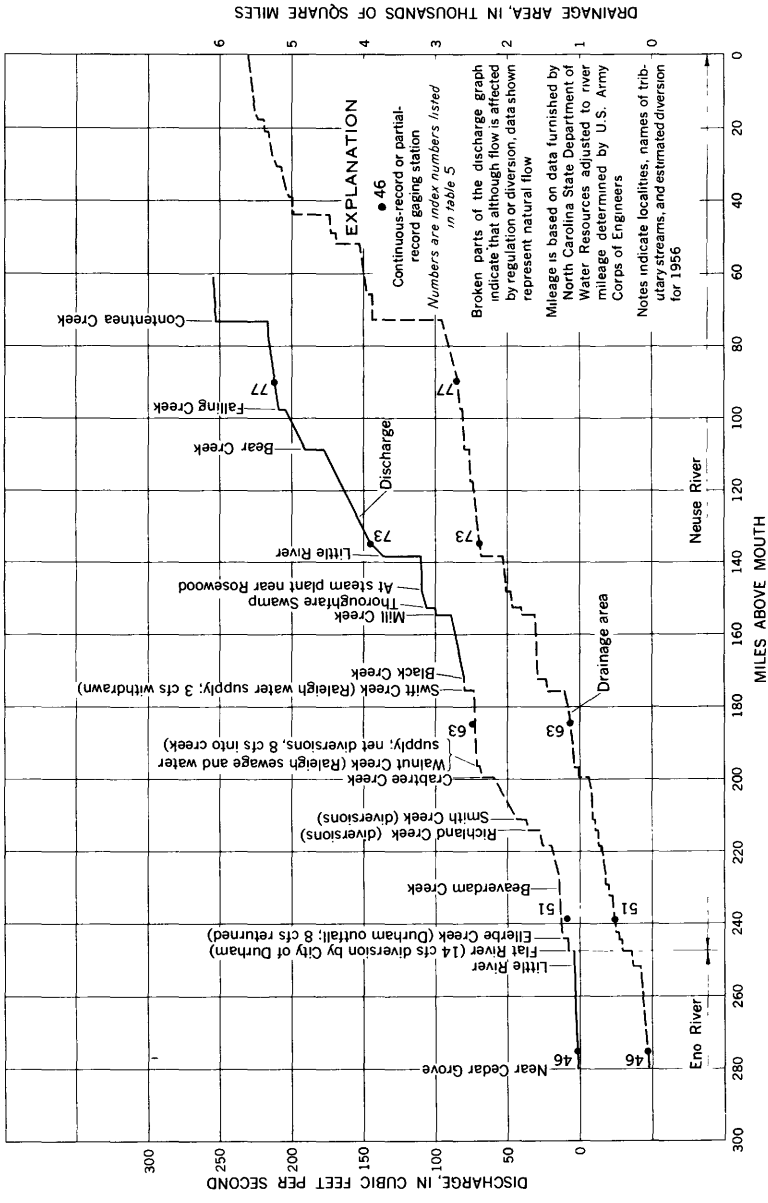

FIGURE 17.—Minimum annual 7-day discharge, having a recurrence interval of 10 years and drainage area along the Eno and Neuse Rivers.

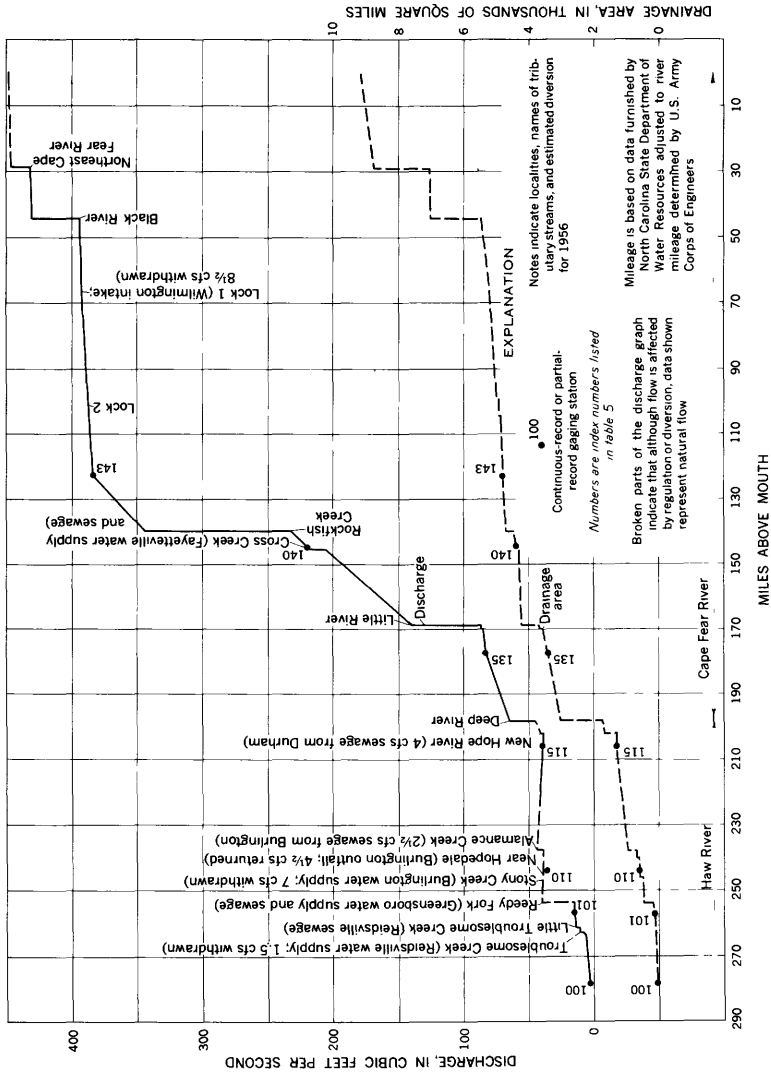

FIGURE 18.—Minimum annual 7-day discharge, having recurrence interval of 10 years and drainage area along the Haw and Cape Fear Rivers.

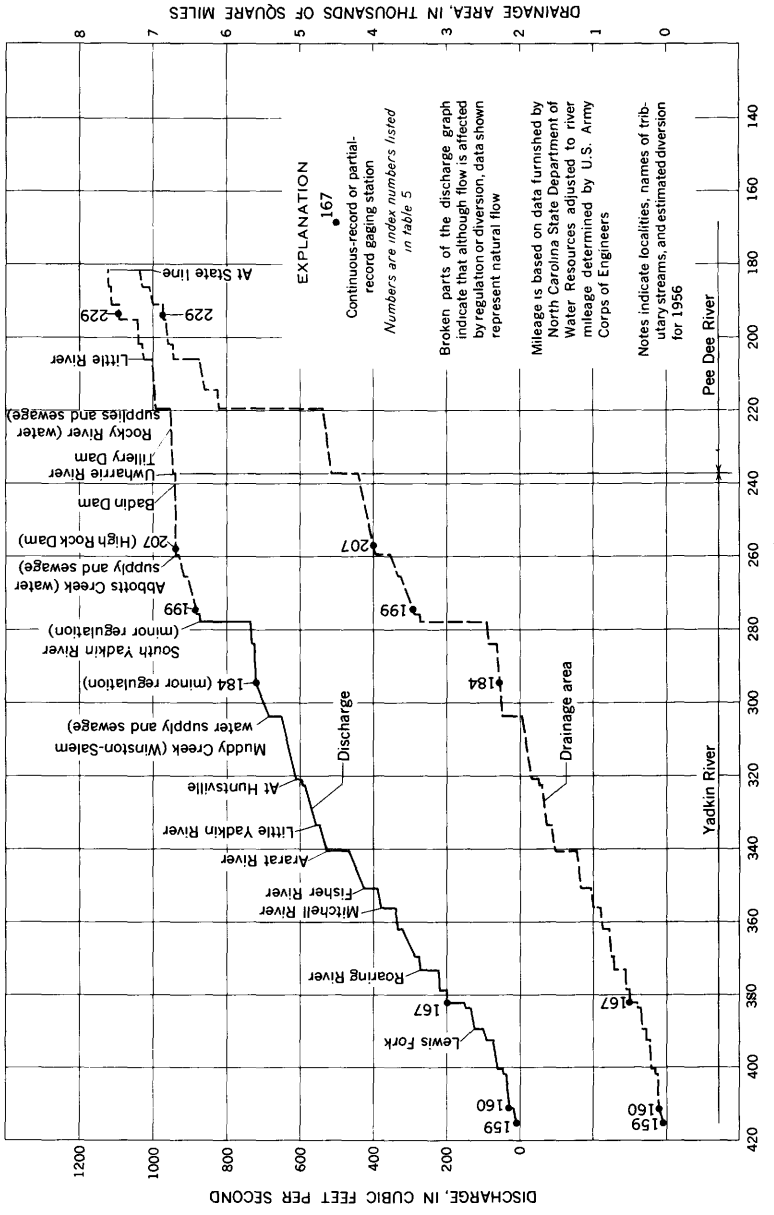

FIGURE 19.—Minimum annual 7-day discharge, having a recurrence interval of 10 years and drainage area along the Yadkin-Pee Dee River.

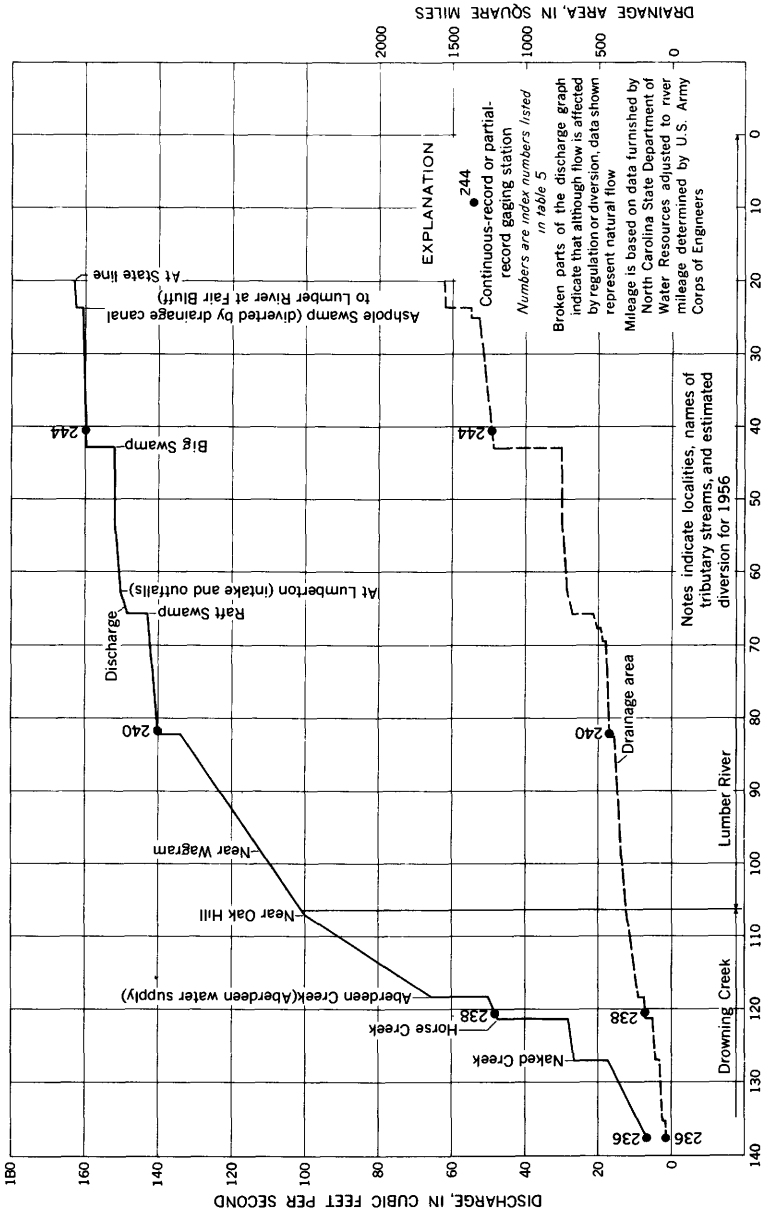

FIGURE 20.—Minimum annual 7-day discharge, having a recurrence interval of 10 years and drainage area along Drowning Creek and the Lumber River.

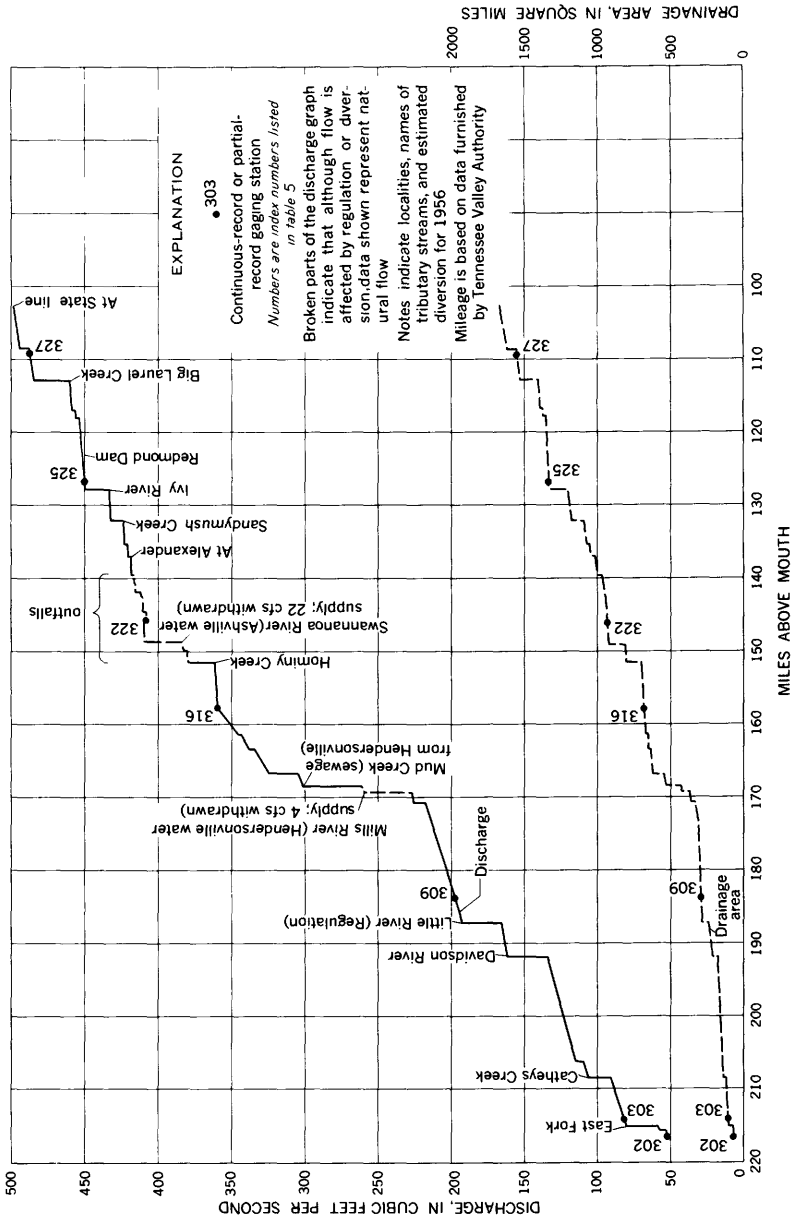

FIGURE 21.—Minimum annual 7-day discharge, having a recurrence interval of 10 years and drainage area along the French Broad River.

STORAGE-REQUIRED-FREQUENCY DATA

If the minimum flow of a stream is insufficient to supply a projected rate of use, the data in table 11 and in the last four colomns of table 12 will aid in the selection and design of a reservoir to supplement low flow.

Storage-required data can be computed either from observed low flows or from arrays of low-flow frequency data. The first method uses mass diagrams on which curves of accumulated discharge from a critically low period of observed or estimated record are plotted against time. The second method uses low-flow frequency data to compute the magnitude and frequency of storage needed to increase the low flow to a required magnitude (Martin and Hulme, 1957). The storage thus computed may be assumed to become depleted at average intervals equal to the recurrence interval of the low flow data used in the computations. An adaptation of the second method was used in this report.

In order to compute the storage requirements listed in table 11, low-flow frequency data for 20- and 60-year recurrence intervals in table 8 were multiplied by the number of consecutive days to convert to volume. Then the selected draft rates were multiplied by the same number of days and the excess of total draft (volume demanded) over the total discharge (volume available) was computed for each length of period and each draft rate. The maximum excess for each draft rate and recurrence interval, which is the storage required to maintain that draft rate during a drought of the given recurrence interval, is listed in table 11. Storage required to maintain the regulated flow indicated in the column headings is listed in table 11 for continuous-record and low-flow partial-record gaging stations. Storage-required-frequency data are not included in table 11 for sites that are extensively regulated, even though low-flow frequency data for some of these stations were computed from records collected before extensive regulation and are shown in table 8. A zero is listed in table 11 when the indicated regulated flow is less than the unregulated flow and no storage is required. Leaders in spaces to the left of finite values indicate that storage may be required, but the streamflow data necessary to establish the amount of storage are not available. Leaders to the right indicate that storage would be required during a critical period longer than 9 months (274 days) for which low-flow frequency data are not available to evaluate the required storage.

Similar data are listed for base-flow observation points in the last four columns of table 12. This table shows available draft rates corresponding to storage volumes of 1, 10, 50 and 100 acre-ft per sq

mi (acre-feet per square mile) for the 20-year recurrence interval only.

Storage-required frequency data for two gaging stations having widely different low-flow characteristics are illustrated by the graphs in figure 22. The difference in low flow is reflected in the storage data. For example, during a 20-year drought, a regulated flow of 0.40 cfs per sq mi would be available from a reservoir at Tarboro having a capacity of 77 acre-ft per sq mi. As a result of the greater unregulated flow at Asheville, however, the same regulated flow of 0.40 cfs per sq mi would be available from a reservoir having a capacity of only 0.56 acre-ft per sq mi. The same values are determined by reference to table 11. These values may be multiplied by the drainage area in the third column to determine regulated flow in cubic feet per second and storage in acre-feet. For example, 856 cfs (0.40 cfs per sq mi × 2,140 sq mi) would be available at Tarboro from a reservoir having a capacity of 165,000 acre-ft (77 acre-ft per sq mi × 2,140 sq mi). A reservoir of this size is not necessarily practical even though large storage values are included for many sites in table 11.

Application of the data in table 11 to a particular project usually involves certain adjustments of those data. (1) Draft rates often fluctuate with varying demands. Fluctuating draft rates should be anticipated in design and proper allowances made for short-term maximum rates that may greatly exceed long-term average rates. (2) The data are not corrected for losses due to evaporation from the reservoir surface or for possible losses or gains due to seepage. Estimates of evaporation and seepage losses should be added to the proposed draft rate before entering the table, or allowance should be made in the size of the reservoir. (3) The method of computing storage requirements from low-flow frequency curves gives storage requirements about 10 percent smaller than would be obtained by analysis of the observed mass curves. Allowance should be made for this bias by increasing the amount of storage required. (4) Accumulations of silt during the useful life of a reservoir may reduce the effective volume; the size of the reservoir may have to be increased to allow for displacement by silt. Data collected by the U.S. Soil Conservation Service give information on the probable rate of siltation. (See Eakin, 1936.)

BASE-FLOW OBSERVATION POINTS

The water-supply characteristics for 507 base-flow observation points given in table 12 were defined on the basis of a few measurements of discharge made at each site during low-flow periods. Although the data are not as complete or as reliable as those given in tables 6, 8, and 11, they are much better than could be estimated with-

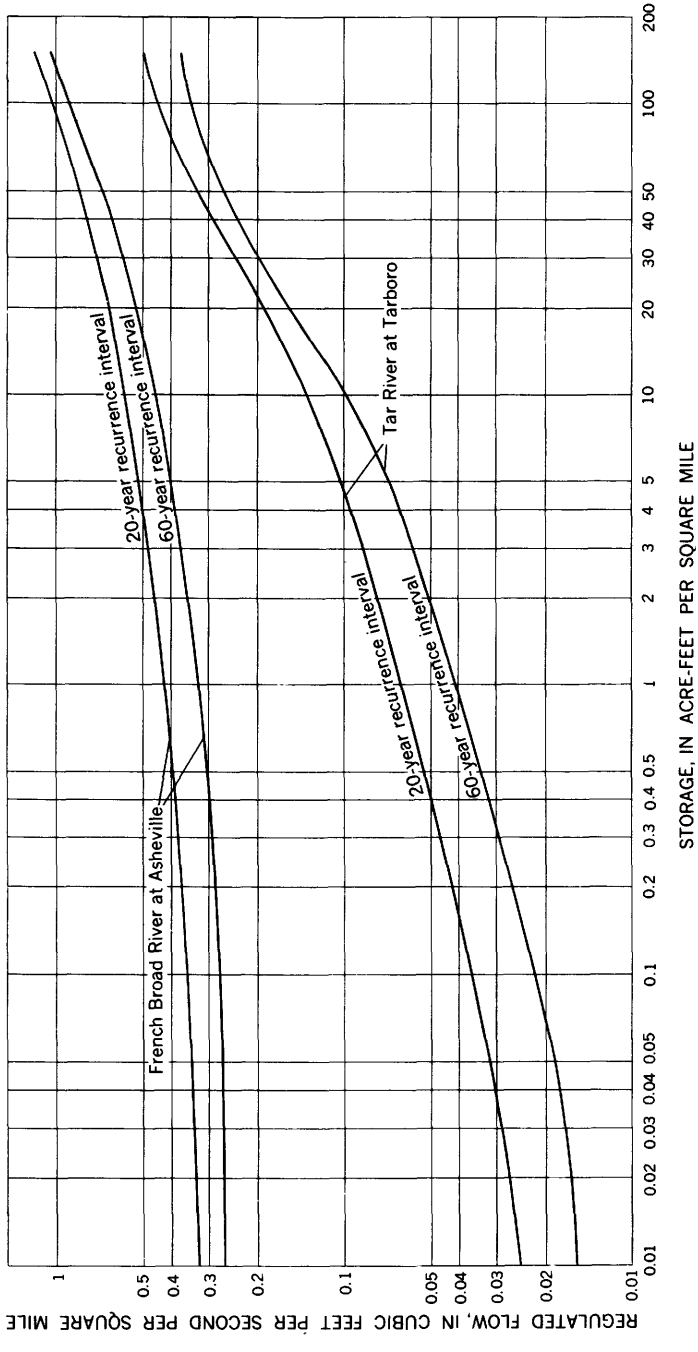

FIGURE 22.—Storage requirements for 20- and 60-year recurrence intervals, Tar River at Tarboro and French Broad River at Asheville.

out the use of the discharge measurements. The variation in minimum flow per square mile shown in table 12 demonstrates the possible error in estimating on the assumption of uniform runoff. No sites known to be affected by regulation or diversion are included, but the flow at some of the sites may be affected by regulation or diversion that started since the discharge measurements were made.

The discharge measurements at the base-flow observation points were related to the discharge at the gaging stations and partial-record stations by plots on logarithmic paper. The average discharge for the base-flow observation points was estimated by comparison with the average discharge at nearby gaging stations and was plotted against the average discharge at the gaging station to define the upper end of the relation curve. The line of relation was drawn as a straight line through the average-discharge point and downward to average the plotted discharge measurements. Values of discharge at the 50- and 90-percent duration points and the minimum 7-day flow at the 2-, 10-, and 20-year recurrence interval for the base-flow observation points were obtained by entering the relation curve with the corresponding discharges at the gaging station. Storage-draft data for a recurrence interval of 20 years were computed from estimated low-flow frequency data by methods similar to those described in the section on "Storage-Required-Frequency Data."

DISCUSSION OF RESULTS

ESTIMATION OF DATA FOR SITES OTHER THAN GAGED SITES

Estimates of streamflow characteristics for sites other than the gaged sites listed in tables 6, 8, 11, and 12 are sometimes possible by careful application of the data in these tables. If the size of the drainage area of the stream at an ungaged site is only slightly different from the drainage area of a gaged site, then values in units per square mile from the tables may be applied directly to the drainage area at the ungaged site to determine flows in cubic feet per second or storage in acre feet. For other areas, the flow at the ungaged site may be estimated by adding or subtracting the flow from intervening gaged tributaries. Estimates should include only relatively small amounts of ungaged flow, which are usually estimated from tabular values for nearby sites. If ungaged areas are relatively large, undesirably large errors may result from uncertainties as to the magnitude of flow per square mile. In still other situations where two gaged sites are located on the same stream, data for a site located on the intervening reach may be estimated by averaging values of flow in cubic feet per second or storage in acre-feet for the two gaged sites.

Although draft-storage data are given in tables 11 and 12 in units

per square mile, particular care should be exercised in extending the data to sites other than those listed, since discrepancies in streamflow data are sometimes magnified in draft-storage data. In general, better estimates may be obtained by estimating low-flow frequency data and recomputing storage, particularly if a few low-flow measurements can be made to help define the low-flow frequency characteristics.

GENERAL RELATIONSHIPS

Magnitude of low flow.—Comparison of discharge for any one of the low-flow parameters tabulated in tables 6, 8, and 12, shows that the magnitude of discharge per square mile generally increases from a minimum in the eastern part of the State to a maximum in the westernmost part. There are several extensive deviations from this pattern, such as parts of Wake, Onslow, Catawba, and the Sand Hills counties, where low-flow runoff is considerably greater than in surrounding areas, and the area in the general vicinity of Asheville, where runoff is much less than in adjacent areas. These and many other deviations from the general pattern result from local differences in climate and basin factors.

Variability.—Magnitude of low flow is usually associated with the variability of flow at a stream site. Streams where smaller minimum flows per square mile are observed generally have greater variability than those having greater minimum flows. The slope of the duration curve is a quantitative measure of variability. The ratio of the flow available 50 percent of the time to that available 90 percent of the time is an index of variability (Searcy, 1959, p. 30). Typical examples of this ratio for North Carolina streams are: 10.2 for Rockfish Creek near Wallace (index No. 155) in the southeastern part of the State, 2.0 for Drowning Creek near Hoffman (index No. 238) in the Sand Hills, and 2.0 for French Broad River at Asheville (index No. 322) in the western part of the State.

Points of equivalency between duration and frequency.—A study of selected representative stations throughout the State indicates that 7-day, 10-year discharges have duration percentages ranging from 98.2 to 99.6 and averaging very close to 99.1. Similar equivalences could be determined for periods other than 7 days and for recurrence intervals other than 10 years.

One-day discharge versus 7-day discharge.—Because the annual minimum daily discharge is often affected by minor regulation, frequency data for 1-day periods are not included in this report; but an indirect method is available for estimating the magnitude of unregulated daily discharge for any required frequency. A study of low discharges (including minimum annual discharges) indicates that

any 7-day low-flow (including that for a selected recurrence interval), when multiplied by a constant factor, gives a fairly reliable estimate of the corresponding 1-day discharge for a stream site. This factor varies from about 0.80 in the eastern part of the State to about 0.95 in the western part and averages about 0.90. Thus, a daily discharge for any required recurrence interval can be estimated for a site on an unregulated stream by multiplying the 7-day discharge having the required recurrence interval by 0.90.

EXPLANATION OF TERMS

Units of measurement used in surface-water hydrology fall into two classes: those that represent rates of flow, such as cubic feet per second (cfs), millions of gallons per day (mgd), gallons per minute (gpm), and cubic feet per second per square mile (cfs per sq mi), and those that represent volume, such as cubic feet (cu ft), millions of gallons, cfs-days, acre-feet (acre-ft), and acre-feet per square mile (acre-ft per sq mi).

The gallon is the volumetric unit commonly used in North Carolina in connection with pumping rates, storage for water supplies, and sprinkler-type irrigation systems, whereas the cubic foot is the volumetric unit generally used in connection with power generation and with floodflows. The units most frequently used in this report are cubic feet per second and cubic feet per second per square mile for rates of flow, and acre-feet per square mile for volumes. Acre-feet, a term long used in the Western United States, is now being used increasingly throughout the East. It is easily converted to the units more commonly used in North Carolina.

The more technical terms used in this report, including units of measurements and other terms related to the sciences of hydrology and statistics, are explained in the following paragraphs, each in the particular sense it is used in this report. A more complete list of definitions is given by Langbein and Iseri (1960).

Cubic foot per second is a unit expressing rate of discharge. One cubic foot per second is equal to the discharge of a stream of square cross section, 1 foot wide and 1 foot deep, flowing at an average velocity of 1 foot per second.

1 cfs=448.8 gpm=0.646 mgd.

Cubic foot per second per square mile is a unit expressing the average number of cubic feet of water per second flowing from each square mile of area drained, assuming that runoff is distributed uniformly in time and area.

Acre-foot is a unit of volume. One acre-ft is the volume of water that would cover an area of 1 acre to a depth of 1 foot.

1 acre-ft=325,851 gal=43,560 cu ft=0.50417 cfs-day=0.01875 in. on 1 sq mi.

Roughly speaking, 2 acre-ft equals 1 cfs-day, and 3 acre-ft equals 1 million gallons.

Acre-foot per square mile is the unit of volume used in this report to represent the storage that would be required for each square mile of area drained at a stream site to maintain a specified draft rate. The draft rate is assumed to be uniform in time and is expressed in units of cubic feet per second for each square mile of drainage area tributary to the site.

Frequency and recurrence interval are terms often used interchangeably in referring to extremes of streamflow. Frequency of flow is a measure of the average number of extremes that will at least equal in severity a given extreme during a period of many years. Similarly, recurrence interval is defined as the average time, in years, between such extreme events. It cannot be predicted when a drought or flood of a given magnitude will occur, but the probable number of such events during a reasonably long period of time may be estimated within reasonable limits of accuracy. For example, a low-flow discharge of 5 cfs having a recurrence interval of 10 years indicates that a discharge at least as low as 5 cfs will occur as an annual minimum about 5 times in 50 years, or 10 times in 100 years. A flood peak of 1,000 cfs having a recurrence interval of 50 years would indicate about 4 flood peaks of at least 1,000 cfs in a period of 200 years. Phrases such as "10-year discharge" are commonly used in discussing extremes having the indicated recurrence interval, in years. Similar terminology is used in this report. For example, "7-day, 10-year discharge" refers to the 7-day minimum discharge having a recurrence interval of 10 years.

Duration is the percent of time daily discharge at a point on a stream exceeds a certain indicated magnitude. The days are not necessarily consecutive. In tabulating duration data for a period of record, all the days that exceed the indicated magnitude are counted whether they occur singly or in groups. The word "duration" is also used to designate tables or curves that give the percentages for various magnitudes of discharge. Duration, in this sense, is not to be confused with the use of the word to indicate a continuous period of time, as "a drought of 30 days' duration."

Draft-storage data give the volume of storage that would be required to satisfy specified draft rates greater than the low-flow yield of the stream. Draft-storage data in this report are based on discharges having recurrence intervals of 20 and 60 years, rather than being based on discharge observed during the period of record.

Draft, demand, or regulated flow, when used in connection with draft-storage data, are more or less synonymous terms which designate the quantity of water withdrawn or released from a reservoir

for any planned use. Draft and regulated flow generally refer to rates of flow; demand may refer to a rate but more generally refers to a total volume over a period of time.

Storage is the process of storing water in a reservoir. It is also the volume of water in a reservoir, or that part of the volume designated for a specified function or use.

Capacity refers to the physical dimensions of a reservoir. It is the volume, whether filled with water or wholly or partly empty, available for storing water.

Contents refers to the volume of water in a reservoir at any particular time.

Yield is the runoff from the drainage basin, including ground-water outflow that appears in the stream plus ground-water outflow that bypasses the gaging station and leaves the basin underground.

A climatic year is a continuous 12-month period during which a complete annual cycle occurs. All data on minimum flows in this report, including low-flow frequency data and the storage data are based on the climatic year April 1 through March 31. This period was selected in order to minimize the number of extended low-flow periods that continue from one year into the next. The climatic year is designated by the calendar year during which most of the 12 months occur. Thus, the period April 1, 1955, through March 31, 1956, includes 9 of the 12 months in 1955 and is called the 1955 climatic year.

A water year is a 12-month period, October 1 through September 30. It has been used by the Geological Survey since 1913 in annual and other reports dealing with surface-water supply. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year that ended September 30, 1956, is called the 1956 water year. Duration data and average-discharge data in this report are based on water years.

SUMMARY

Factual data of the type needed for the beneficial development and use of the water resources of North Carolina are presented in this report. These data are an important prerequisite to the continued economic growth of the State.

Magnitude and frequency of annual low flow and storage requirements for recurrence intervals of 20 and 60 years adjusted to a 58-year base period and flow-duration data and average discharge adjusted to a 59-year base period are presented for many streams. Data on weather and climate are included, as are certain unadjusted flow data for regulated and unregulated streams.

The extreme variability of streamflow with respect to time and place, particularly the variability of low flow, is demonstrated throughout this report. The complex relations between streamflow

and climatic and physiographic factors, which account for this variability, are discussed in an effort to assist the user in understanding and properly applying the data presented.

The availability of quality-of-water records are discussed, and the type and period of available chemical-quality records are listed in table 5.

The evaluation and interpretation of hydrologic data are always complex problems. An attempt has been made in this report to present data in readily usable forms, to explain their meaning and limitations and to encourage careful application. In addition to furnishing facts that may be used in solving many specific problems in development and design, it is hoped that the compilations presented herein may aid future investigators in further refining the techniques of analyzing streamflow data and in developing broad hydrologic concepts.

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TABULAR DATA

Table 1.--Summary of monthly and annual precipitation, in inches, at selected places for the period 1897-1956

[Based on data collected by the U. S. Weather Bureau]

Period	Asheville	Chapel Hill	Charlotte	Edenton	Fayetteville	Goldsboro	Henderson	Highlands	Lumberton	Morganton	Mount Airy	New Bern	Raleigh	Rockingham	Salisbury	Tarboro	Weldon	Wilmington	Winston-Salem
January																			
Average	2.84	3.54	3.46	3.47	3.03	3.29	3.34	6.96	2.97	3.86	3.51	3.60	3.22	3.33	3.83	3.45	3.20	2.85	3.49
Maximum	8.29	8.08	10.39	8.44	7.36	6.58	8.09	14.87	6.55	10.25	9.17	8.35	7.52	7.67	10.72	7.52	8.59	6.24	11.59
Minimum	.27	.67	.51	.82	.40	.73	.95	1.56	.37	.48	.40	.77	.86	.55	.32	.64	.67	.45	.32
February																			
Average	3.02	3.86	4.83	3.79	3.65	3.87	3.40	6.80	3.88	3.94	3.42	4.01	3.61	4.05	3.86	3.83	3.38	3.39	3.65
Maximum	7.36	7.99	8.58	8.15	10.10	7.99	8.47	15.93	8.60	9.61	9.34	7.34	9.73	9.80	8.72	8.05	8.11	6.61	8.67
Minimum	.37	1.03	.66	.71	.51	.80	.67	1.42	.43	.57	.40	.72	.42	.65	.93	.80	.35	.38	.79
March																			
Average	4.05	4.09	4.27	3.85	3.71	3.74	4.10	8.17	3.76	4.65	4.17	3.94	3.74	3.88	4.65	3.86	3.72	3.22	4.21
Maximum	9.42	10.89	8.62	6.95	8.79	8.80	10.74	20.06	7.56	10.82	9.62	8.58	7.32	7.88	11.66	7.91	7.35	10.43	9.92
Minimum	.72	1.27	.86	.70	1.11	1.41	1.48	2.62	1.43	1.20	.97	1.24	1.01	1.04	1.33	.89	1.34	.26	1.51
April																			
Average	3.07	3.79	3.31	3.52	3.56	3.61	3.68	6.28	3.68	3.54	3.54	3.42	3.53	3.66	3.75	3.40	3.32	2.74	3.45
Maximum	5.43	7.99	9.01	8.20	7.37	9.83	8.61	14.35	13.74	7.90	6.60	10.38	6.96	7.14	8.14	7.52	7.88	7.19	6.47
Minimum	1.03	.86	.63	.50	.32	.26	.70	1.13	.45	.41	.75	.30	.29	.89	1.25	.71	1.02	.19	.58
May																			
Average	3.14	3.56	3.27	3.96	3.74	4.12	3.76	5.53	3.67	3.59	3.98	3.94	3.59	3.47	3.90	3.61	3.67	3.34	3.79
Maximum	7.75	11.38	8.00	10.08	8.24	9.95	8.37	14.95	12.52	9.45	9.52	11.80	9.90	10.55	7.73	6.17	9.13	9.12	7.53
Minimum	.51	.18	.01	.16	.55	.57	.26	.63	.40	.17	1.02	.48	.35	.44	.11	.52	.36	.10	.15
June																			
Average	3.86	4.22	3.93	4.91	4.76	4.99	4.44	6.93	4.96	4.29	3.53	5.84	4.32	4.95	4.13	4.59	4.07	4.57	3.97
Maximum	8.11	9.71	7.86	12.88	9.97	11.41	8.54	19.29	9.45	10.52	13.00	17.05	8.75	11.12	9.02	12.74	10.13	11.74	9.77
Minimum	.91	.54	.50	.95	1.42	1.73	1.20	1.61	.81	.80	.92	.26	.90	.92	.88	.80	1.13	1.13	.67
July																			
Average	4.49	5.27	4.96	6.85	6.00	7.07	5.63	9.00	3.92	5.34	5.44	7.95	5.61	5.76	5.39	6.02	5.44	7.19	4.76
Maximum	11.71	12.99	16.55	16.18	13.35	14.51	18.25	35.49	14.16	15.48	15.92	17.60	12.36	13.35	11.16	12.68	13.55	19.14	10.11
Minimum	.77	.57	.62	.61	2.49	1.97	1.90	1.29	1.70	1.22	.72	.69	.38	2.03	1.03	1.12	.58	1.08	.59
August																			
Average	4.09	5.16	4.63	5.93	5.74	5.35	5.13	7.64	5.20	5.43	4.87	6.78	5.23	5.87	5.05	5.61	4.92	6.38	4.56
Maximum	13.75	14.48	14.61	13.74	16.02	11.27	16.00	30.74	10.06	14.70	16.59	21.13	13.63	14.38	13.75	14.14	13.45	14.35	12.92
Minimum	.22	.67	.94	.40	1.26	1.16	.23	1.02	1.44	.92	.85	2.04	1.02	1.16	.65	.76	.44	1.56	.82
September																			
Average	2.96	3.71	3.28	4.26	4.14	4.33	3.52	6.01	4.29	3.86	3.44	5.71	4.04	3.98	3.58	3.80	3.70	5.05	3.24
Maximum	9.32	14.01	12.66	14.80	13.39	15.66	11.90	22.46	15.11	14.76	10.27	15.56	11.92	14.49	14.44	12.00	13.07	16.93	10.04
Minimum	.28	.10	.02	.42	.66	.68	.05	.29	.68	.30	0	.27	.11	0	.19	.42	.05	.12	.24

October																			
Average	2.71	2.91	2.76	2.90	2.44	2.78	2.92	5.47	2.77	3.69	3.39	3.34	2.65	2.85	2.98	2.75	2.53	2.95	3.01
Maximum	11.32	10.65	7.52	8.91	9.62	12.14	9.51	22.73	11.95	13.06	12.30	12.08	9.59	8.55	11.46	8.62	7.97	10.14	8.23
Minimum	.02	.46	0	.15	.04	.01	.26	.10	0	.19	.13	.19	.22	.14	0	.22	.23	.02	.25
November																			
Average	2.09	2.82	2.46	3.00	2.50	2.68	2.76	5.19	2.37	2.62	2.65	2.91	2.56	2.49	2.68	2.73	2.54	2.35	2.58
Maximum	9.93	10.41	7.94	11.39	7.35	8.77	9.55	18.38	8.53	9.60	7.42	10.03	8.89	9.74	7.66	8.73	5.67	7.70	6.70
Minimum	.07	.20	.36	.35	.12	.03	.33	0	.38	.20	.30	.19	.06	.08	.32	.24	.31	.07	.28
December																			
Average	3.14	3.63	3.74	3.61	3.22	3.30	3.42	6.36	3.29	4.29	3.73	4.05	3.34	3.60	3.97	3.43	3.17	3.19	3.51
Maximum	8.77	8.48	11.24	7.45	6.15	5.88	9.61	18.47	5.73	10.68	8.89	9.27	7.78	7.27	8.13	6.76	6.45	6.62	7.75
Minimum	.55	.47	.44	.75	.25	.74	.87	.85	.19	.61	.90	1.29	.59	.71	1.33	1.16	.95	.19	.56
Annual																			
Average	39.46	46.56	43.90	50.05	46.49	49.13	46.10	80.34	46.76	49.10	46.67	55.49	45.44	47.89	47.77	47.08	43.66	47.22	44.22
Maximum	59.40	67.92	67.07	70.01	69.12	66.18	60.11	113.85	65.74	66.98	66.10	35.26	64.22	70.07	72.72	62.05	55.96	72.05	57.61
Minimum	22.79	30.29	29.71	33.01	34.52	33.95	28.79	55.42	27.82	29.76	22.69	90.14	29.93	29.56	30.94	35.72	28.20	27.68	31.17

Table 2.--Summary of monthly and annual temperature, in degrees Fahrenheit, at selected places for the period 1897-1956

[Based on data collected by the U. S. Weather Bureau]

Period	Asheville	Chapel Hill	Charlotte	Edenton	Fayetteville	Goldsboro	Henderson	Highlands	Lumberton	Morganton	Mount Airy	New Bern	Raleigh	Rockingham	Salisbury	Tarboro	Weldon	Wilmington	Winston-Salem
January																			
Average	39.0	42.6	42.9	43.2	45.4	44.1	41.2	38.4	45.5	41.5	38.7	46.5	42.8	43.4	41.8	42.9	41.2	48.0	39.2
Maximum	51.6	52.5	53.7	52.7	55.4	55.0	48.6	48.3	57.1	53.5	48.1	58.7	53.6	56.4	52.5	52.9	53.0	59.6	49.7
Minimum	26.4	33.9	31.4	31.0	34.6	31.8	28.8	26.8	33.0	30.5	27.6	33.6	31.6	32.0	28.6	31.0	28.9	36.9	27.4
February																			
Average	40.0	43.4	44.2	43.9	46.0	45.2	42.2	38.5	46.5	42.8	40.1	47.5	43.8	44.7	43.2	43.7	42.0	48.5	40.8
Maximum	48.2	52.1	53.4	52.7	55.4	54.5	50.1	48.0	56.4	51.8	47.2	56.0	52.2	53.0	50.2	51.2	50.5	57.6	47.8
Minimum	30.9	33.1	36.0	35.3	37.1	36.0	32.6	27.2	37.6	32.4	32.8	39.3	34.2	36.2	32.6	34.8	31.8	40.7	31.6
March																			
Average	47.1	51.3	52.1	51.7	53.9	53.2	50.4	44.8	54.4	50.2	47.7	54.5	51.6	52.7	51.2	52.2	50.2	55.2	49.2
Maximum	57.0	62.4	61.6	58.6	64.2	64.2	60.6	55.2	63.4	59.8	56.7	63.4	61.0	61.9	60.5	60.8	61.4	63.0	59.3
Minimum	36.8	36.8	43.1	42.7	44.8	43.3	42.2	33.6	46.1	41.6	39.0	45.2	42.7	43.4	42.2	43.5	42.7	46.4	38.9
April																			
Average	55.0	59.6	60.1	59.4	61.2	61.2	58.4	52.4	62.1	58.0	56.0	62.0	59.6	60.6	59.6	60.3	58.8	62.0	57.4
Maximum	61.2	63.8	64.8	64.9	67.2	65.9	64.6	58.8	66.0	64.3	60.9	67.1	64.4	66.4	64.2	64.8	64.0	65.7	62.5
Minimum	49.1	51.5	53.6	52.0	46.3	53.2	52.3	41.9	54.8	50.8	48.8	54.0	52.0	53.6	52.0	52.3	51.4	55.1	50.7
May																			
Average	63.2	68.6	69.3	68.6	70.0	70.0	67.6	60.5	70.6	66.4	64.9	70.3	68.7	70.0	68.5	69.5	68.4	70.1	66.9
Maximum	68.6	73.8	73.5	74.3	75.2	75.2	73.2	65.8	76.5	76.5	70.8	77.0	74.6	75.4	73.9	74.1	74.9	75.9	73.0
Minimum	57.0	62.5	63.6	63.0	64.2	65.6	63.2	54.4	65.2	60.8	58.0	66.0	63.3	65.3	63.6	65.2	62.3	66.6	61.0
June																			
Average	70.5	74.7	76.6	76.1	77.1	77.2	75.0	66.8	77.2	74.1	72.4	77.1	76.0	77.2	76.1	76.9	76.2	76.7	74.6
Maximum	76.8	80.2	80.8	80.2	82.8	81.4	79.3	72.6	80.0	80.0	78.2	81.4	81.8	81.1	81.2	82.0	82.8	82.6	79.8
Minimum	64.6	70.6	72.2	70.0	72.3	72.2	68.4	59.6	74.0	68.8	67.4	72.4	71.2	73.6	71.2	72.0	70.6	73.2	69.0
July																			
Average	73.2	79.0	79.0	79.4	79.6	80.0	78.1	69.1	79.9	76.6	75.7	79.9	78.8	79.6	78.9	80.1	79.5	79.4	77.4
Maximum	76.7	83.7	81.6	83.5	83.8	84.0	81.5	74.0	82.9	80.6	78.4	84.0	81.8	83.4	82.1	76.2	82.8	82.8	80.6
Minimum	68.9	76.0	76.0	72.3	76.4	76.6	74.1	62.8	76.0	73.0	68.1	76.0	75.0	77.0	73.8	83.4	74.2	76.4	73.9
August																			
Average	72.4	78.0	77.8	78.0	78.6	78.7	76.6	68.0	78.9	75.7	74.4	79.1	77.6	78.5	77.6	78.9	78.0	78.8	76.1
Maximum	75.2	83.6	81.9	83.8	83.5	81.6	81.2	72.8	83.8	80.0	77.9	82.2	82.2	83.2	82.6	84.2	82.6	82.4	81.4
Minimum	69.0	74.0	74.8	73.1	74.8	75.7	70.7	44.3	71.0	72.8	68.7	76.0	73.8	74.1	72.7	74.9	75.3	75.8	72.0
September																			
Average	67.2	72.8	72.7	72.6	73.8	73.6	71.4	64.3	74.2	70.3	69.2	74.6	72.3	73.5	72.1	73.8	72.3	74.6	70.5
Maximum	73.6	80.2	80.5	78.8	80.0	80.0	79.6	74.2	81.4	76.4	74.6	79.9	78.5	80.4	79.3	81.2	77.8	79.2	77.6
Minimum	61.3	67.8	67.0	67.0	68.7	68.7	65.4	56.7	69.1	64.6	62.5	70.8	67.0	68.6	66.6	69.0	65.8	71.0	66.0

October																			
Average	56.8	61.9	62.2	62.0	63.4	62.9	60.6	54.2	63.5	59.7	58.4	64.6	62.1	62.4	61.0	62.3	61.2	65.2	59.5
Maximum	65.1	66.2	69.9	71.5	71.8	74.2	64.8	62.4	74.3	68.0	66.6	74.2	69.2	71.8	71.2	71.4	69.2	73.8	66.8
Minimum	50.0	56.6	57.0	55.1	57.8	57.4	53.5	46.0	57.2	53.6	51.6	49.4	57.0	58.0	54.6	57.4	54.9	60.6	52.4
November																			
Average	46.1	51.0	51.1	51.5	52.8	52.0	49.8	45.0	52.5	48.9	47.0	54.3	51.3	51.2	49.7	51.4	49.9	55.3	47.0
Maximum	53.4	58.6	58.8	54.9	58.6	59.8	55.8	52.5	58.1	54.6	52.6	59.8	58.4	57.7	57.6	57.2	58.2	62.6	54.3
Minimum	41.3	43.6	46.1	43.2	47.0	44.2	42.6	38.0	45.0	43.4	41.2	48.0	45.0	46.4	44.4	46.0	43.2	50.5	42.0
December																			
Average	39.5	42.3	43.3	43.7	45.0	44.4	41.5	38.6	45.4	41.4	39.0	47.0	43.3	43.6	41.9	43.3	41.8	48.4	39.8
Maximum	49.3	50.4	53.1	54.9	54.0	53.4	48.8	48.7	56.9	48.4	46.0	55.6	52.3	49.4	56.1	51.6	49.2	56.4	47.6
Minimum	30.2	36.0	33.4	34.2	36.0	33.6	31.6	28.2	36.4	31.8	29.4	37.2	32.6	35.2	33.0	33.6	30.6	38.0	30.5
Annual																			
Average	55.8	60.8	60.9	60.8	62.3	61.9	59.4	53.7	62.6	58.8	56.9	63.1	60.6	61.4	60.1	61.3	60.0	63.5	58.3
Maximum	57.9	63.1	62.8	62.7	64.7	65.0	62.8	58.4	65.4	64.9	58.8	66.1	62.7	63.5	61.9	63.5	61.5	65.6	60.8
Minimum	53.1	58.4	58.5	57.7	59.8	58.6	56.5	49.3	59.8	55.9	54.7	60.5	59.0	59.1	57.7	58.8	56.6	61.2	55.0

Table 3.--Average precipitation and runoff, in inches, for selected river basins for the period 1931-56

[Basin precipitation is computed by the North Carolina Board of Water Commissioners, using the Thiessen method, from data collected by the U.S. Weather Bureau]

River basin	Drainage area (square miles)	October	November	December	January	February	March	April	May	June	July	August	September	Annual
Tar River at Tarboro	2,140													
Precipitation		2.50	3.09	3.09	3.56	3.34	3.87	3.41	3.60	4.14	5.91	3.38	3.97	45.84
Runoff		0.48	0.63	1.09	1.73	1.90	1.95	1.62	0.94	0.63	0.85	1.05	0.92	13.79
Difference		2.02	2.46	2.00	1.83	1.44	1.92	1.79	2.66	3.51	5.06	2.33	3.05	32.05
Neuse River at Kinston	2,690													
Precipitation		2.62	3.11	3.22	3.46	3.32	3.73	3.57	3.44	4.50	6.01	5.38	4.16	46.50
Runoff		0.63	0.65	1.15	1.61	1.86	1.88	1.64	0.89	0.62	0.89	1.04	1.01	13.87
Difference		1.99	2.46	2.07	1.85	1.46	1.85	1.93	2.55	3.88	5.12	4.34	3.15	32.63
Cape Fear River at Lillington	3,440													
Precipitation		2.80	3.09	3.47	3.58	3.52	3.88	3.48	3.47	3.84	5.73	4.78	4.22	45.86
Runoff		0.51	0.65	1.05	1.77	1.80	1.89	1.50	0.76	0.51	0.72	0.77	0.81	12.75
Difference		2.29	2.44	2.42	1.81	1.72	1.99	1.98	2.71	3.33	5.01	4.01	3.41	33.11
Yadkin River at Yadkin College	2,280													
Precipitation		3.26	3.05	3.50	3.81	3.51	4.43	3.46	3.86	4.08	5.30	5.09	3.53	46.89
Runoff		1.13	1.08	1.31	1.76	1.59	1.91	1.73	1.42	1.15	1.21	1.26	1.01	16.57
Difference		2.13	1.97	2.19	2.05	1.92	2.52	1.73	2.44	2.93	4.09	3.83	2.52	30.32
Rocky River near Norwood	1,370													
Precipitation		2.75	2.77	3.70	3.67	3.30	4.18	3.58	3.01	3.75	5.54	4.48	4.10	44.84
Runoff		0.48	0.56	1.05	1.84	1.81	1.98	1.38	0.61	0.39	0.73	0.70	0.67	12.18
Difference		2.27	2.21	2.65	1.83	1.49	2.20	2.20	2.40	3.36	4.81	3.78	3.43	32.66
Lumber River at Boardman	1,220													
Precipitation		2.22	2.82	3.28	2.81	3.32	3.68	3.69	3.21	4.37	5.86	5.36	4.14	44.76
Runoff		0.61	0.75	1.16	1.44	1.65	1.85	1.64	0.88	0.53	0.78	0.83	1.07	13.19
Difference		1.61	2.07	2.12	1.37	1.67	1.83	2.05	2.33	3.84	5.08	4.53	3.07	31.57
Broad River near Boiling Springs	864													
Precipitation		3.50	3.57	4.90	4.80	4.48	5.60	4.02	3.74	4.06	5.70	5.60	3.84	53.80
Runoff		1.46	1.37	1.78	2.38	2.17	2.52	2.24	1.77	1.41	1.49	1.62	1.32	21.54
Difference		2.04	2.20	3.12	2.42	2.31	3.08	1.78	1.97	2.65	4.21	3.98	2.52	32.26
French Broad River at Asheville	945													
Precipitation		3.20	3.31	4.41	4.50	4.24	5.29	3.82	3.72	4.45	5.98	5.14	3.49	51.56
Runoff		1.55	1.68	2.24	3.01	2.79	3.28	2.95	2.33	1.76	1.82	1.87	1.53	26.82
Difference		1.65	1.63	2.17	1.49	1.45	2.01	0.87	1.39	2.69	4.16	3.27	1.96	24.74
Tuckasegee River at Bryson City	655													
Precipitation		2.65	3.13	4.84	5.12	4.99	5.60	3.73	3.65	3.71	5.66	4.57	2.86	50.52
Runoff		1.33	1.56	2.41	3.66	3.71	4.09	3.55	2.67	1.96	2.03	1.87	1.39	30.22
Difference		1.32	1.57	2.43	1.46	1.28	1.51	0.18	0.98	1.75	3.63	2.70	1.47	20.30

Table 4.--Annual precipitation at selected sites and runoff from river basins at sites indicated

[Precipitation is U. S. Weather Bureau data]

Calendar year	Precipitation, in inches, at Tarboro	Runoff, in inches, Tar River at Tarboro	Precipitation, in inches, at Goldsboro	Runoff, in inches, Neuse River at Kinston	Precipitation, in inches, at Chapel Hill	Runoff, in inches, Cape Fear River at Lillington	Precipitation, in inches, at Winston-Salem	Runoff, in inches, Yadkin River at Yadkin College	Precipitation, in inches, at Charlotte	Runoff, in inches, Rocky River near Norwood	Precipitation, in inches, at Lumberton	Runoff, in inches, Lumber River at Boardman	Precipitation, in inches, at Marion	Runoff, in inches, Broad River near Boiling Springs	Precipitation, in inches, at Hendersonville	Runoff, in inches, French Broad River at Asheville	Precipitation, in inches, at Bryson City	Runoff, in inches, Tuckasegee River at Bryson City
1897	42.44	12.55	52.17	.....	45.20	.....	43.52	.....	42.39	.....	47.80	.....	51.12	.....	63.50	28.13	53.56	.....
1898	47.59	11.92	42.07	.....	52.14	.....	44.01	.....	43.07	.....	46.37	.....	67.09	.....	67.01	32.79	61.80	42.64
1899	57.07	21.59	55.68	.....	47.84	.....	47.39	.....	45.44	.....	55.94	.....	60.39	.....	58.48	40.39	60.24	44.78
1900	39.17	13.14	48.43	.....	50.26	.....	44.16	.....	46.34	.....	44.04	.....	69.79	.....	64.11	38.15	52.90	38.31
1901	57.01	.....	52.57	.....	61.34	.....	54.66	.....	62.82	.....	62.76	.....	87.27	.....	92.60	55.60	63.77	47.78
1902	43.17	.....	42.69	.....	42.00	.....	47.49	.....	45.32	.....	41.78	.....	50.66	.....	50.78	31.36	46.71	32.99
1903	48.47	.....	41.30	.....	50.39	.....	47.16	.....	39.49	.....	46.84	.....	61.03	.....	60.60	39.33	54.28	36.19
1904	40.67	.....	47.41	.....	46.35	.....	44.60	.....	41.93	.....	45.51	.....	49.01	.....	40.96	16.94	39.34	19.63
1905	52.60	.....	54.34	.....	56.85	.....	46.59	.....	42.44	.....	43.12	.....	55.85	.....	69.18	30.33	54.82	28.91
1906	41.00	.....	57.97	.....	48.87	.....	57.61	.....	47.66	.....	50.66	.....	72.67	.....	77.03	49.10	57.76	45.51
1907	49.61	.....	41.47	.....	52.81	.....	41.17	.....	39.98	.....	52.76	.....	52.95	.....	48.20	24.46	50.58	29.58
1908	48.74	.....	55.13	.....	54.69	.....	56.71	.....	54.40	.....	54.81	.....	59.01	.....	70.07	35.02	53.38	33.97
1909	46.42	.....	41.52	.....	40.22	.....	46.34	.....	39.06	.....	38.43	.....	65.48	.....	65.28	39.29	63.06	43.46
1910	49.01	.....	53.75	.....	47.37	.....	42.83	.....	40.28	.....	41.30	.....	54.71	.....	59.61	28.21	49.16	28.96
1911	41.12	.....	34.82	.....	39.19	.....	42.17	.....	37.87	.....	43.09	.....	43.93	.....	49.19	23.32	54.05	29.40
1912	45.16	.....	45.53	.....	38.58	.....	43.82	.....	41.43	.....	46.37	.....	50.05	.....	56.69	30.56	58.38	36.99
1913	49.64	.....	53.48	.....	42.41	.....	48.68	.....	44.15	.....	62.55	.....	60.28	.....	55.21	30.78	50.75	32.76
1914	43.73	.....	48.88	.....	43.34	.....	37.60	.....	35.16	.....	39.59	.....	58.85	.....	61.34	27.69	52.80	24.32
1915	45.49	.....	48.48	.....	40.45	.....	48.18	.....	42.05	.....	46.78	.....	60.63	.....	67.63	40.55	51.42	34.26
1916	45.31	.....	42.64	.....	37.99	.....	43.85	.....	46.47	.....	48.68	.....	67.49	.....	63.38	44.50	50.77	36.20
1917	53.61	.....	57.37	.....	51.68	.....	46.21	.....	41.34	.....	45.12	.....	47.50	.....	50.34	26.76	63.20	38.67
1918	40.79	.....	44.76	.....	44.36	.....	41.90	.....	39.38	.....	50.94	.....	65.45	.....	66.33	35.02	62.28	33.58
1919	46.90	.....	49.94	.....	48.56	.....	48.93	.....	45.57	.....	37.64	.....	56.91	.....	51.98	33.15	54.02	32.34
1920	53.53	.....	57.93	.....	54.54	.....	49.42	.....	50.82	.....	53.42	.....	78.38	.....	71.30	35.35	62.64	40.51

1921	34.03	.....	50.74	.....	32.17	.....	31.17	.....	38.81	.....	39.21	.....	56.98	.....	54.17	31.03	52.53	32.61
1922	62.05	.....	66.18	.....	51.38	.....	46.98	.....	51.60	.....	62.18	.....	67.73	.....	57.95	30.16	65.04	38.74
1923	40.08	.....	40.13	.....	39.42	.....	40.12	.....	42.90	.....	35.16	.....	50.95	.....	57.04	28.10	55.08	35.55
1924	48.41	.....	61.12	.....	67.15	14.76	44.21	.....	48.96	.....	65.74	.....	52.26	.....	56.92	29.52	49.78	28.57
1925	48.36	.....	41.79	.....	34.91	9.56	32.86	.....	29.71	.....	46.46	.....	29.03	.....	32.55	16.48	49.04	18.07
1926	40.51	.....	36.32	.....	40.73	8.66	38.52	.....	38.20	.....	37.83	.....	48.15	14.60	47.97	19.91	54.31	26.26
1927	49.53	.....	42.33	.....	51.05	11.66	40.46	.....	41.23	.....	38.11	.....	45.95	14.37	49.17	21.15	50.86	29.59
1928	52.61	.....	55.25	.....	53.57	19.07	48.33	.....	51.84	.....	58.47	.....	55.99	29.83	67.94	36.92	50.53	37.69
1929	59.11	.....	66.06	.....	67.92	23.03	54.40	23.54	57.01	.....	64.07	.....	65.84	33.60	72.98	41.15	69.29	44.53
1930	35.72	.....	33.95	.....	36.55	6.92	31.78	11.35	35.07	8.52	42.49	11.84	31.13	16.02	55.42	18.22	44.32	23.47
1931	50.01	.....	49.44	11.91	41.15	9.76	39.15	11.86	49.26	11.00	37.09	11.22	47.33	16.61	44.63	19.47	49.72	23.13
1932	39.51	8.70	44.20	11.00	49.46	14.17	50.86	19.34	49.77	16.96	46.57	12.56	66.78	25.06	65.62	32.10	60.03	36.03
1933	36.83	8.86	43.58	11.15	36.21	7.00	30.53	13.68	29.88	6.97	37.09	11.47	47.57	20.07	52.97	26.34	41.06	30.36
1934	53.17	14.64	52.96	14.17	53.21	12.31	48.03	16.07	43.50	9.16	43.89	7.14	60.67	22.21	69.58	27.99	52.95	26.78
1935	46.64	14.18	50.33	13.43	44.42	11.89	38.89	16.94	41.42	11.26	44.57	12.82	49.51	21.88	58.63	26.99	47.14	27.29
1936	57.33	22.69	62.14	27.22	53.24	23.20	55.90	22.80	67.07	26.74	46.19	21.10	68.25	34.31	71.45	37.57	64.52	40.82
1937	49.42	21.47	53.20	20.04	49.43	15.12	54.99	24.61	47.45	14.56	45.30	15.99	56.19	30.27	58.36	33.19	53.77	35.66
1938	47.28	13.65	51.00	13.04	45.41	9.82	41.38	15.78	37.32	7.87	57.17	13.26	41.64	17.86	47.00	22.34	49.49	30.26
1939	57.34	19.24	52.14	18.95	51.67	15.54	48.50	17.40	46.19	12.87	48.40	15.16	40.80	19.28	47.93	26.01	43.46	28.83
1940	47.28	14.38	38.05	10.25	35.80	9.99	41.73	16.18	41.82	6.48	36.13	7.05	51.53	18.20	59.52	25.15	42.71	26.00
1941	46.47	8.32	43.12	8.28	30.29	7.16	32.88	11.17	33.63	7.77	46.37	8.13	49.57	14.73	45.91	18.12	40.70	18.53
1942	45.91	10.05	58.52	12.58	49.85	9.44	44.52	16.59	49.97	10.96	46.76	12.05	62.12	21.35	61.28	30.19	61.07	30.92
1943	36.03	10.81	45.48	12.82	37.45	12.42	41.25	17.62	42.61	12.58	46.20	13.31	40.76	21.87	55.38	30.25	49.38	32.69
1944	49.41	17.73	52.80	16.62	54.50	17.95	52.65	18.71	59.09	17.21	54.99	18.31	46.95	22.97	55.25	24.13	54.18	29.20
1945	51.80	19.89	53.93	17.45	58.24	18.84	50.95	19.22	49.52	16.21	62.25	17.29	57.97	22.13	57.54	23.80	59.16	29.78
1946	41.78	15.09	51.84	16.19	46.92	14.84	38.73	16.38	41.13	9.77	43.83	16.01	43.50	26.51	55.67	32.18	53.78	35.76
1947	47.82	12.24	55.59	14.34	43.24	12.23	41.98	17.26	48.69	13.51	58.79	17.70	58.19	21.30	60.55	24.23	50.45	28.63
1948	50.48	19.57	58.79	19.99	56.84	18.29	52.43	19.91	53.02	20.08	52.40	21.31	66.58	26.45	62.27	32.02	61.09	34.67
1949	42.41	14.73	46.67	16.79	44.99	15.87	43.09	23.03	46.76	14.19	46.89	19.98	61.70	34.12	72.35	44.22	61.43	45.03
1950	42.93	8.58	45.42	8.98	34.63	9.05	36.79	17.24	33.46	5.55	40.75	9.88	47.26	24.89	58.53	30.91	49.03	35.59
1951	38.96	6.56	35.10	5.80	35.50	6.56	36.92	14.53	34.46	5.60	30.32	5.95	42.24	18.29	53.13	22.59	47.79	28.87
1952	52.50	15.61	43.90	12.80	52.51	16.55	42.50	16.53	46.01	14.41	39.81	10.54	50.48	21.54	55.13	26.96	41.84	27.28
1953	42.64	12.76	46.42	11.75	42.73	12.45	40.68	14.52	37.59	12.53	39.01	11.02	45.69	16.81	53.14	22.84	44.13	25.38
1954	40.80	13.58	38.95	11.26	40.94	11.68	43.82	12.28	39.30	12.23	33.33	9.22	44.36	14.84	50.54	19.72	44.65	27.52
1955	55.94	13.40	51.03	13.55	41.47	10.36	37.89	11.05	37.35	9.81	45.26	13.51	45.67	13.00	42.75	19.79	48.25	27.83
1956	54.18	13.68	52.78	11.90	44.65	11.23	42.66	10.23	37.13	9.65	42.58	11.34	45.88	12.81	49.37	18.20	44.78	40.55

Table 5.--Stream-gaging sites and quality-of-water sampling sites

[Number of complete water-years of daily discharge record, through September 30, 1956, is shown in the column headed "Number of years"]

Index number (pl. 1)	Site number	Gaging site	Drainage area (square miles)	Type and length of record: Discharge: Type	Discharge: Number of years	Chemical quality: Type	Chemical quality: Water year	Location
		CHOWAN RIVER BASIN						
1	2A0530.73	Meherrin River near Severn	1,120	.....	.....	Monthly	1955	Northampton County, lat 36°32'20", long 79°11'20, at bridge on State Highway 35, 1¼ miles above Tarrara Creek, 1¾ miles north of Severn.
2	2A0532.44	Chowan River at Winton	4,200	.....	.....	Daily	1955-56	Hertford County, lat 36°24'00", long 76°55'50", at bridge on U. S. Highway 158 at Winton, 2½ miles below Meherrin River.
3	2A0535.00	Ahoskie Creek at Ahoskie	64.3	Daily	6	.....	.....	Hertford County, lat 36°17', long 77°00', at bridge on State Highway 350, ½ mile above Atlantic Coast Line Railroad bridge, ¾ mile southwest of Ahoskie.
		ROANOKE RIVER BASIN						
4	2A0680.00	Dan River near Asbury	71.4	Daily	2	.....	.....	Stokes County, lat 36°32'10", long 80°24'00", 300 ft below bridge, 1¼ miles northeast of Asbury, 2.4 miles above Little Dan River.
5	2A0685.00	Dan River near Francisco	124	Daily	32	.....	.....	Stokes County, lat 36°30'53", long 80°18'11", 200 ft above bridge on State Highway 704, ¼ mile below Elk Creek, 3 miles east of Francisco.
6	2A0689.80	Town Fork Creek at Walnut Cove	110	Partial	.....	.....	.....	Stokes County, lat 36°17', long 80°09', at bridge on U. S. Highway 311 at Walnut Cove, 4 miles above mouth.
7	2A0690.00	Dan River at Pine Hall	481	Daily	2	.....	.....	Stokes County, lat 36°19', long 80°03', at bridge at Pine Hall, 1½ miles above Belews Creek.
8	2A0690.50	Belews Creek near Pine Hall	79.3	Partial	.....	.....	.....	Rockingham County, lat 36°19', long 80°02', at bridge ½ mile above mouth, 1½ miles east of Pine Hall.
9	2A0694.10	Big Beaver Island Creek near Madison	24	Partial	.....	.....	.....	Rockingham County, lat 36°23', long 79°59', at bridge on U. S. Highway 311, ¾ mile above mouth, 1 mile southwest of Madison.
10	2A0705.00	Mayo River near Price	260	Daily	27	Daily	1950	Rockingham County, lat 36°32'10", long 79°59'30", 300 ft below bridge, ½ mile below South Mayo River, 4 miles west of Price.
11	2A0707.20	Hogan Creek near Madison	23	Partial	.....	.....	.....	Rockingham County, lat 36°23', long 79°55', at bridge ½ mile above mouth, 3½ miles east of Madison.
12	2A0710.00	Dan River near Wentworth	1,050	Daily	17	Daily	1951	Rockingham County, lat 36°25', long 79°50', 600 ft below bridge. 3½ miles northwest of Wentworth, 7½ miles below Mayo River.
13	2A0715.00	Dan River at Leaksville	1,150	Daily	20	Daily	1945	Rockingham County, lat 36°29', long 79°46', ½ mile below bridge on State Highway 87 at Leaksville, ½ mile above Smith River.
14	2A0740.00	Smith River at Spray	538	Daily	17	Monthly	1950	Rockingham County, lat 36°31'50", long 79°46'10", 1 mile below Stuart Creek, 1 mile north of Spray.

15	2A0743.60	Wolf Island Creek near Pelham.....	69	Partial	.....	.....	.....	Caswell County, lat 36°31'50", long 79°30'10", at bridge on State Highway 700, ½ mile above mouth, 2½ miles northeast of Pelham.
16	2A0750.90	Hogans Creek near Providence.....	96.1	Partial	.....	.....	.....	Caswell County, lat 36°30'50", long 79°23'00", at bridge on old State Highway 86, 1 mile northwest of Providence, 3½ miles above mouth.
17	2A0751.70	Moon Creek near Providence.....	38	Partial	.....	.....	.....	Caswell County, lat 36°29', long 79°22', at bridge on old State Highway 86, 1 mile southeast of Providence, 2 miles below East Prong Moon Creek.
18	2A0752.20	Country Line Creek at Yanceyville.....	48	Partial	.....	.....	.....	Caswell County, lat 36°23', long 79°20', at bridge 1 mile south of Yanceyville, 1½ miles above South Country Line Creek.
19	2A0752.70	Country Line Creek near Semora.....	120	Partial	.....	.....	.....	Caswell County, lat 36°30', long 79°13', at bridge 3 miles west of Semora, 4¼ miles above mouth.
20	2A0772.40	North Hyco Creek near Roxboro.....	78	Partial	.....	.....	.....	Person County, lat 36°28', long 79°07', at bridge on State Highway 57, 1 mile above South Hyco Creek, 9 miles northwest of Roxboro.
21	2A0797.00	Smith Creek near Norlina.....	31	Partial	.....	.....	.....	Warren County, lat 36°31'30", long 78°14'23", at bridge 0.2 mile below Ellington Creek, 6 miles northwest of Norlina.
22	2A0797.50	Six Pound Creek near Oakville.....	12	Partial	.....	.....	.....	Warren County, lat 36°31'48", long 78°04'22", at bridge 1½ miles above mouth, 2½ miles northeast of Oakville.
23	2A0805.00	Roanoke River at Roanoke Rapids.....	8,410	Daily	44	Daily	1949	Halifax County, lat 36°28', long 77°38', 1¼ miles below bridge on State Highway 48 at Roanoke Rapids, 2½ miles above Chocyott Creek.
24	2A0810.00	Roanoke River near Scotland Neck.....	8,700	Daily	16	Daily	1945, 1954	Halifax County, lat 36°12', long 77°23', at bridge on U. S. Highway 258, 3 miles below Bridgers Creek, 5¾ miles north of Scotland Neck.
25	2A0810.80	Ready Branch near Williamston.....	15.5	Partial	.....	.....	.....	Martin County, lat 35°47'20", long 77°03'40", at bridge on U. S. Highway 17, just below Dog Branch, 4½ miles south of Williamston.
26	2A0810.94	Roanoke River at Jamesville.....	9,247	.....	.....	Monthly Daily	1955 1956	Martin County, lat 35°49', long 76°54', at Jamesville, 1.4 miles below Devils Gut.
		TAR - PAMLICO RIVER BASIN						
27	2A0812.10	Shelton Creek near Oxford.....	22.6	Partial	.....	.....	.....	Granville County, lat 36°18'47", long 78°43'16", at bridge on U. S. Highway 158, 1¾ miles above mouth, 7½ miles west of Oxford.
28	2A0815.00	Tar River near Tar River.....	167	Daily	17	.....	.....	Granville County, lat 36°11'41", long 78°35'00", 100 ft above bridge on State Highway 96, 1¼ miles above Fishing Creek, 2½ miles east of Tar River.
29	2A0817.20	Tabbs Creek near Kittrell.....	70	Partial	.....	.....	.....	Vance County, lat 36°11', long 78°27', at bridge 1¼ miles above mouth, 2¾ miles south of Kittrell.
30	2A0818.00	Cedar Creek near Louisburg.....	47.8	Partial	.....	.....	.....	Franklin County, lat 36°03', long 78°20', at bridge on U. S. Highway 401, ¾ mile below Camping Creek, 3.7 miles southwest of Louisburg.
31	2A0818.80	Crooked Creek near Bunn.....	31	Partial	.....	.....	.....	Franklin County, lat 35°56', long 78°15', at bridge on State Highway 39, ½ mile above Norris Creek, 2½ miles south of Bunn.

Table 5 .—Stream-gaging sites and quality-of-water sampling sites—Continued

Index number (pl. 1)	Site number	Gaging site	Drainage area (square miles)	Type and length of record: Discharge: Type	Discharge: Number of years	Chemical quality: Type	Chemical quality: Water year	Location
		TAR - PAMLICO RIVER BASIN--Continued						
32	2A0818.90	Cypress Creek near Bunn	30	Partial	.....	.....	.....	Franklin County, lat 35°56'40", long 78°11'20", at bridge ¼ mile above mouth, 4 miles southeast of Bunn.
33	2A0820.00	Tar River near Nashville	701	Daily	28	Monthly	1950	Nash County, lat 35°51'00", long 77°55'50", at bridge on State Highway 58, 5 miles above Sapony Creek, 10 miles south of Nashville.
34	2A0825.00	Sapony Creek near Nashville	64.8	Daily	6	.....	.....	Nash County, lat 35°53'10", long 77°54'40", at bridge 1 mile above mouth, 6½ miles southeast of Nashville.
35	2A0827.10	Sandy Creek near Alert	53.7	Partial	.....	.....	.....	Franklin County, lat 36°13', long 78°14', at bridge 1¼ miles above Devils Cradle Creek, 1½ miles south of Alert.
36	2A0827.90	Swift Creek near Red Oak	180	Partial	.....	.....	.....	Nash County, lat 36°04', long 77°52', at bridge 3 miles below Sandy Creek, 3 miles northeast of Red Oak.
37	2A0828.30	Fishing Creek near Warrenton	45	Partial	.....	.....	.....	Warren County, lat 36°23', long 78°11', at bridge ½ mile below Phoebes Creek, 2 miles southwest of Warrenton.
38	2A0829.10	Shocco Creek near Elberon	18	Partial	.....	.....	.....	Warren County, lat 36°18', long 78°13', at bridge 1½ miles above Buffalo Branch, 1½ miles south of Elberon.
39	2A0830.00	Fishing Creek near Enfield	521	Daily	33	Daily	1949	Halifax County, lat 36°09', long 77°42', at bridge on U. S. Highway 301, 2,000 ft below Atlantic Coast Line Railroad bridge, 2 miles southwest of Enfield.
40	2A0835.00	Tar River at Tarboro	2,140	Daily	29	Daily	1945, 1954	Edgecombe County, lat 35°53'40", long 77°32'00", at bridge on U. S. Highway 64 at Tarboro, 6½ miles below Fishing Creek.
41	2A0836.40	Town Creek near Pinetops	192	Partial	.....	.....	.....	Edgecombe County, lat 33°48'00", long 77°35'20", at bridge on U. S. Highway 258, ¼ mile below Bynum Mill Creek, 2¾ miles east of Pinetops.
42	2A0840.00	Tar River at Greenville	2,620	.....	.....	Daily	1949, 1956	Pitt County, lat 35°37'00", long 77°22'30", at bridge on State Highway 11 at Greenville, 1 mile below Schoolhouse Branch.
43	2A0841.71	Tar River at Grimesland	2,740	.....	.....	Daily	1955-56	Pitt County, lat 35°34'40", long 77°10'50", at bridge below Chicod Creek, 1.1 miles northeast of Grimesland.
44	2A0842.10	Grindle Creek near Pactolus	54.7	Partial	.....	.....	.....	Pitt County, lat 35°39'20", long 77°16'20", at bridge 1.7 miles above Hunting Run, 3½ miles northwest of Pactolus.
45	2A0845.00	Herring Run near Washington	about 15	Daily	6	.....	.....	Beaufort County, lat 35°34'03", long 77°01'09", at bridge 1¼ miles above mouth, 2¾ miles northeast of Washington.
		NEUSE RIVER BASIN						
46	2A0850.00	Eno River at Hillsboro	66.5	Daily	29	.....	.....	Orange County, lat 36°04', long 79°06', 1,000 ft below bridge on State Highway 86 at Hillsboro, 2 miles below Sevenmile Creek.

47	2A0852.20	Little River near Orange Factory.....	81.6	Partial	.....	.....	.....	Durham County, lat 36°08'20", long 78°54'24", at bridge on U. S. Highway 501, 1 mile above Mountain Creek, 1½ miles northwest of Orange Factory.
48	2A0855.00	Flat River at Bahama.....	150	Daily	31	.....	.....	Durham County, lat 36°10'57", long 78°52'44", ½ mile above Lake Michie, 1¼ miles north of Bahama, 1½ miles above Dial Creek.
49	2A0860.00	Dial Creek near Bahama.....	4.71	Daily	31	.....	.....	Durham County, lat 36°10'36", long 78°51'24", 0.4 mile above mouth and Lake Michie, 1½ miles northeast of Bahama.
50	2A0865.00	Flat River at dam, near Bahama.....	171	Daily	29	Monthly	1956	Durham County, lat 36°08'55", long 78°49'43", 900 ft below Durham municipal dam, 3 miles southeast of Bahama, 5 miles above mouth.
51	2A0870.00	Neuse River near Northside.....	526	Daily	29	Monthly	1956	Durham County, lat 36°02'54", long 78°44'59", at Fish Dam Bridge, 1½ miles below Rocky Creek, 2½ miles south of Northside.
52	2A0870.60	Beaverdam Creek near Creedmoor.....	44.1	Partial	.....	.....	.....	Wake County, lat 36°03'19", long 78°40'38", at bridge 2½ miles above mouth, 4½ miles south of Creedmoor.
53	2A0870.80	New Light Creek near Purnell.....	19.3	Partial	.....	.....	.....	Wake County, lat 36°00'48", long 78°37'43", at bridge 1½ miles above mouth, 4.2 miles west of Purnell.
54	2A0871.20	Upper Barton Creek near Bayleaf.....	12.2	Partial	.....	.....	.....	Wake County, lat 35°58'21", long 78°39'18", at bridge 1 mile above mouth, 2 miles northwest of Bayleaf.
55	2A0871.60	Lower Barton Creek near Bayleaf.....	13.2	Partial	.....	.....	.....	Wake County, lat 35°58'01", long 78°38'07", at bridge 1 mile above mouth, 1 mile north of Bayleaf.
56	2A0871.80	Horse Creek near Wake Forest.....	21.0	Partial	.....	.....	.....	Wake County, lat 35°58'08", long 78°35'29", at bridge on State Highway 98, 1 mile above mouth, 4½ miles west of Wake Forest.
57	2A0871.82	Neuse River at Falls.....	770	.....	.....	Daily	1954	Wake County, lat 35°56'27", long 78°34'48", at bridge 0.3 mile north of Falls, 1.6 miles above Richland Creek.
58	2A0872.20	Peeples Creek near Wake Crossroads.....	9.9	Partial	.....	.....	.....	Wake County, lat 35°51'52", long 78°30'53", at bridge ¾ mile above Hodges Creek, 1¼ miles south of Wake Crossroads.
59	2A0872.70	Crabtree Creek near Raleigh.....	97.5	Partial	.....	.....	.....	Wake County, lat 35°50'15", long 78°40'26", at bridge on U. S. Highway 70, 1½ miles above Mine Creek, 4½ miles northwest of Raleigh.
60	2A0873.20	Big Branch near Millbrook.....	3.78	Partial	.....	.....	.....	Wake County, lat 35°49'17", long 78°37'46", at culvert on Six Forks Road, ¼ mile above mouth, 2¾ miles southwest of Millbrook.
61	2A0873.60	Big Branch near Garner.....	12.1	Partial	.....	.....	.....	Wake County, lat 35°44', long 78°34', at bridge 1 mile above mouth, 3 miles northeast of Garner.
62	2A0874.10	Poplar Creek near Knightdale.....	8.6	Partial	.....	.....	.....	Wake County, lat 35°44', long 78°29', at bridge ½ mile above mouth, 4 miles south of Knightdale.
63	2A0875.00	Neuse River near Clayton.....	1,140	Daily	29	Daily	1944	Johnston County, lat 35°39', long 78°25', at bridge on State Highway 42, 1.8 miles above Mill Creek, 3 miles east of Clayton.
64	2A0875.30	Neuse River near Selma.....	1,175	.....	.....	Daily	1956	Johnston County, lat 35°33', long 78°19', at bridge 2 miles above Poplar Branch, 2¾ miles northwest of Selma.
65	2A0875.66	Neuse River at Smithfield.....	1,201	.....	.....	Daily	1955	Johnston County, lat 35°31', long 78°21', at bridge on U. S. Highway 70 at Smithfield, 1.7 miles above Swift Creek.
66	2A0875.90	Swift Creek above McCullers.....	39.9	Partial	.....	.....	.....	Wake County, lat 35°41', long 78°41', at bridge on U. S. Highway 401, 1½ miles above Yates Pond Creek, 2 miles north of McCullers.

Table 5 .—Stream-gaging sites and quality-of-water sampling sites—Continued

Index number (pl. 1)	Site number	Gaging site	Drainage area (square miles)	Type and length of record				Location
				Discharge		Chemical quality		
				Type	Number of years	Type	Water year	
		NEUSE RIVER BASIN--Continued						
67	2A0876.10	Swift Creek near McCullers.....	53.9	Partial	.....	.....	.....	Wake County, lat 35°41', long 78°39', at bridge ½ mile above Buck and Reedy Branches, 3 miles northeast of McCullers.
68	2A0880.00	Middle Creek near Clayton.....	80.7	Daily	17	.....	.....	Johnston County, lat 35°34', long 78°36', 300 ft below bridge on State Highway 50, ¼ mile above Buffalo Branch, 9¼ miles southwest of Clayton.
69	2A0880.30	Middle Creek near Smithfield.....	124	Partial	.....	.....	.....	Johnston County, lat 35°30', long 78°24', at bridge on State Highway 210, 1½ miles above mouth, 3 miles west of Smithfield.
70	2A0880.90	Black Creek near Four Oaks.....	79.0	Partial	.....	.....	.....	Johnston County, lat 35°28'10", long 78°27'20", at bridge 2¼ miles northwest of Four Oaks, 5 miles above mouth.
71	2A0883.10	Buck Swamp near Dudley.....	17.0	Partial	.....	.....	.....	Wayne County, lat 35°16', long 78°05', at bridge 1½ miles above mouth, 2½ miles west of Dudley.
72	2A0885.00	Little River near Princeton.....	229	Daily	26	Monthly Daily	1951 1956	Johnston County, lat 35°30'40", long 78°09'30", 400 ft below bridge, ⅜ mile above Little Creek, 3 miles north of Princeton.
73	2A0890.00	Neuse River near Goldsboro.....	2,390	Daily	26	Daily Monthly	1949 1955	Wayne County, lat 35°20'15", long 77°59'50", at bridge 0.2 mile above Stony Creek, 3 miles south of Goldsboro.
74	2A0890.20	Stony Creek at Goldsboro.....	21.6	Partial	.....	.....	.....	Wayne County, lat 35°22'31", long 77°57'43", at bridge on U. S. Highway 70A, 2 miles east of Goldsboro, 3½ miles above mouth.
75	2A0892.40	Bear Creek near La Grange.....	49.2	Partial	.....	.....	.....	Lenoir County, lat 35°18'51", long 77°48'56", at bridge on U. S. Highway 70, 1½ miles northwest of La Grange, 6½ miles above mouth.
76	2A0893.80	Falling Creek at Falling Creek.....	45.4	Partial	.....	.....	.....	Lenoir County, lat 35°15'40", long 77°41'30", at bridge on U. S. Highway 70 at Falling Creek, 4 miles above mouth.
77	2A0895.00	Neuse River at Kinston.....	2,690	Daily	26	Daily	1950, 1956	Lenoir County, lat 35°15'30", long 77°35'10", 600 ft below bridge on State Highway 11 at Kinston, 3 miles above Yadkin branch.
78	2A0895.80	Deep Run at Deep Run.....	5.89	Partial	.....	.....	.....	Lenoir County, lat 35°08'27", long 77°41'35", at bridge ½ mile above mouth, 0.7 mile east of Deep Run.
79	2A0900.40	Moccasin Creek near Zebulon.....	28.2	Partial	.....	.....	.....	Nash County, lat 35°49', long 78°15', at bridge on U. S. Highway 264, 3½ miles east of Zebulon, 9 miles above Turkey Creek.
80	2A0905.00	Contentnea Creek near Wilson.....	236	Daily	24	Monthly	1956	Wilson County, lat 35°41'10", long 77°56'50", at bridge on U. S. Highway 301, 250 ft below municipal dam, 3 miles southwest of Wilson.
81	2A0907.20	Toisnot Swamp near New Hope.....	30	Partial	.....	.....	.....	Nash County, lat 35°49'20", long 77°59'50", at bridge 0.1 mile below Little Swamp, 3 miles northeast of New Hope.

82	2A0908.20	Toisnot Swamp near Stantonsburg.....	110	Partial	.....	.....	.....	Wilson County, lat 35°36'00", long 77°48'00", at bridge 1.3 miles above mouth, 1½ miles east of Stantonsburg.
83	2A0910.00	Nahunta Swamp near Shine.....	77.6	Daily	2	.....	.....	Greene County, lat 35°29'20", long 77°48'22", at bridge 2 miles above Appletree Swamp, 3½ miles north of Shine.
84	2A0910.40	Nahunta Swamp near Snow Hill.....	97.1	Partial	.....	.....	.....	Greene County, lat 35°30'30", long 77°44'20", at bridge on State Highway 58, ¾ mile above mouth, 5¾ miles northwest of Snow Hill.
85	2A0915.00	Contentnea Creek at Hookerton.....	729	Daily	27	Daily	1950	Greene County, lat 35°25'40", long 77°35'10", 0.3 mile above bridge on State Highway 123 at Hookerton, 2½ miles above Wheat Swamp Creek.
86	2A0917.00	Little Contentnea Creek near Farmville	93.3	Partial	.....	.....	.....	Pitt County, lat 35°32'40", long 77°30'40", at bridge on U. S. Highway 264, 1½ miles above Middle Swamp, 5½ miles southeast of Farmville.
87	2A0918.14	Neuse River near Fort Barnwell.....	3,900	.....	.....	Daily	1955-56	Craven County, lat 35°18'40", long 77°18'20", at bridge 1½ miles above Core Creek, 2 miles east of Fort Barnwell.
88	2A0918.20	Core Creek near Fort Barnwell.....	59.2	Partial	.....	.....	.....	Craven County, lat 35°15'10", long 77°17'10", at bridge on State Highway 55, 3¾ miles southeast of Fort Barnwell, 7 miles above mouth.
89	2A0918.31	Neuse River near Vanceboro.....	4,030	.....	.....	Daily	1955-56	Craven County, lat 35°14'20", long 77°10'00", at Cowen Landing, ¾ mile above Dolly Gut, 6 miles southeast of Vanceboro.
90	2A0918.36	Neuse River at Streets Ferry, near Vanceboro	4,040	.....	.....	Daily	1955-56	Craven County, lat 35°12'20", long 77°07'40", at Streets Ferry, 1.4 miles above The Gut, 7 miles south of Vanceboro.
91	2A0920.00	Swift Creek near Vanceboro.....	182	Daily	6	Monthly Daily	1951 1952, 1956	Craven County, lat 35°20'40", long 77°11'10", at bridge 2½ miles below Clayroot Swamp, 3½ miles northwest of Vanceboro.
92	2A0920.28	Swift Creek at Vanceboro.....	226	.....	.....	Daily	1956	Craven County, lat 35°18'00", long 77°08'50", at bridge ¾ mile southeast of Vanceboro, 6 miles below Palmetto Swamp.
93	2A0925.00	Trent River near Trenton.....	168	Daily	5	Daily	1952-53; 1955-56	Jones County, lat 35°03'50", long 77°27'20", at Free Bridge, 800 ft below Little Chinquapin Branch, 6 miles west of Trenton.
94	2A0925.54	Trent River at Pollocksville.....	372	.....	.....	Daily	1955-56	Jones County, lat 35°00'35", long 77°13'10", at bridge on U. S. Highway 17, ¼ mile northeast of Pollocksville.
95	2A0925.90	Upper Broad Creek near Olympia.....	21	Partial	.....	.....	.....	Pamlico County, lat 35°11', long 76°58', at bridge 3 miles north of Olympia, 8.7 miles above mouth.
		WHITE OAK RIVER BASIN						
96	2A0927.20	White Oak River at Belgrade.....	53.3	Partial	.....	.....	.....	Onslow County, lat 34°53'30", long 77°14'00", at bridge on U. S. Highway 17, 0.8 mile north of Belgrade, 1.1 mile above Mirey Branch.
		NEW RIVER BASIN						
97	2A0930.00	New River near Gum Branch.....	74.5	Daily	7	Monthly	1950	Onslow County, lat 34°51'00", long 77°31'00", at bridge ½ mile below Jenkins Swamp, 1¾ miles southwest of Gum Branch.
98	2A0931.30	Southwest Creek near Haw.....	35.2	Partial	.....	.....	.....	Onslow County, lat 34°43'10", long 77°31'20", at bridge 1 mile below Harris Creek, 2½ miles northeast of Haw.
99	2A0931.70	Northeast Creek near Kellum.....	28.3	Partial	.....	.....	.....	Onslow County, lat 34°46'20", long 77°21'40", at bridge 1.6 miles below Wolf Swamp, 2.1 miles south of Kellum.

Table 5.—Stream-gaging sites and quality-of-water sampling sites—Continued

Index number (pl. 1)	Site number	Gaging site	Drainage area (square miles)	Type and length of record: Discharge: Type	Discharge: Number of years	Chemical quality: Type	Chemical quality: Water year	Location
		CAPE FEAR RIVER BASIN						
100	2A0932.60	Haw River at U. S. Highway 220, near Summerfield	20.2	Partial	.....	.....	.....	Guilford County, lat 36°14', long 79°55', at bridge on U. S. Highway 220, 2¼ miles north of Summerfield, 2½ miles below Rocky Branch.
101	2A0935.00	Haw River near Benaja	168	Daily	28	Daily	1953	Rockingham County, lat 36°16', long 79°34', 500 ft above bridge, 6 miles below Troublesome Creek, 6 miles east of Benaja.
102	2A0940.00	Horsepen Creek at Battle Ground	15.9	Daily	28	.....	.....	Guilford County, lat 36°08'34", long 79°51'24", at bridge ¾ mile north of Battle Ground, 2 miles above mouth.
103	2A0945.00	Reedy Fork near Gibsonville	133	Daily	28	Daily	1952	Guilford County, lat 36°11', long 79°37', ½ mile below Huffines Mill, 1¼ miles above Buffalo Creek, 6 miles northwest of Gibsonville.
104	2A0949.80	South Buffalo Creek at Willow Road, at Greensboro	29.6	Partial	.....	.....	.....	Guilford County, lat 36°02'43", long 79°45'43", at bridge on Willow Road, 2½ miles southeast of Greensboro, 6½ miles above mouth.
105	2A0950.00	South Buffalo Creek near Greensboro	33.6	Daily	28	Monthly	1956	Guilford County, lat 36°03'36", long 79°43'33", at bridge on McConnel Road, 3.8 miles east of Greensboro, 6 miles above North Buffalo Creek.
106	2A0955.00	North Buffalo Creek near Greensboro	37.0	Daily	28	Monthly	1956	Guilford County, lat 36°07'13", long 79°42'30", at bridge 4.2 miles above mouth, 5.8 miles northeast of Greensboro.
107	2A0960.00	Stony Creek near Burlington	44.2	Daily	4	Monthly	1956	Alamance County, lat 36°11', long 79°25', ¼ mile above bridge, ½ mile above Buttermilk Creek, 6 miles north of Burlington.
108	2A0961.20	Buttermilk Creek near Burlington	15	Partial	.....	.....	.....	Alamance County, lat 36°11', long 79°26', at bridge 1.6 miles above mouth, 7¾ miles north of Burlington.
109	2A0962.30	Jordan Creek near Union Ridge	23	Partial	.....	.....	.....	Alamance Creek, lat 36°11', long 79°24', at bridge 1 mile south of Union Ridge, 2 miles above mouth.
110	2A0965.00	Haw River at Haw River	599	Daily	28	.....	.....	Alamance County, lat 36°05', long 79°22', 650 ft below Southern Railway bridge at Haw River, 3 miles below Stony Creek.
111	2A0966.10	Little Alamance Creek near Whitsett	38.4	Partial	.....	.....	.....	Guilford County, lat 36°03'15", long 79°38'14", at bridge 2½ miles above Rock Creek, 4½ miles west of Whitsett.
112	2A0967.20	Alamance Creek at Alamance	140	Partial	.....	.....	.....	Alamance County, lat 36°02', long 79°29', at bridge on State Highway 62 at Alamance, 0.7 mile below Little Creek.
113	2A0968.60	Cane Creek near Carrboro	34	Partial	.....	.....	.....	Orange County, lat 35°56', long 79°15', at bridge 1 mile above mouth, 10 miles west of Carrboro.
114	2A0969.59	Haw River at Bynum	1,283	.....	.....	Daily	1956	Chatham County, lat 35°46', long 79°09', at bridge on U. S. Highway 501, ¼ mile southwest of Bynum, 1 mile above Pokeberry Creek.

115	2A0970.00	Haw River near Pittsboro	1,310	Daily	28	.....	.....	Chatham County, lat 35°42', long 79°05', 100 ft above Robeson Creek, 5 miles east of Pittsboro.
116	2A0972.20	New Hope Creek at U. S. Highway 15, near Durham	36	Partial	.....	.....	.....	Durham County, lat 35°57'34", long 78°58'54", at bridge on U. S. Highway 15, 1 mile below Sandy Creek, 2½ miles southwest of Durham.
117	2A0975.00	Morgan Creek near Chapel Hill	29.1	Daily	8	.....	.....	Orange County, lat 35°53'45", long 79°05'30", at outlet of University Lake, 2⅛ miles southwest of Chapel Hill.
118	2A0980.00	New Hope River near Pittsboro	255	Daily	7	Monthly Daily	1954 1956	Chatham County, lat 35°44', long 79°02', at bridge on U. S. Highway 64, ¼ mile below Whiteoak Creek, 8¾ miles east of Pittsboro.
119	2A0985.00	West Fork Deep River near High Point	32.1	Daily	31	.....	.....	Guilford County, lat 36°00'15", long 79°58'42", 2,300 ft above bridge and High Point Lake, 2.5 miles northeast of High Point.
120	2A0990.00	East Fork Deep River near High Point	14.7	Daily	28	.....	.....	Guilford County, lat 36°02'15", long 79°56'46", at bridge 3.3 miles above High Point Dam, 5.2 miles northeast of High Point.
121	2A0994.80	Richland Creek near Archdale	12.7	Partial	.....	.....	.....	Guilford County, lat 35°56'28", long 79°55'56", at bridge 2.3 miles above mouth, 3 miles northeast of Archdale.
122	2A0995.00	Deep River near Randleman	124	Daily	28	.....	.....	Randolph County, lat 35°54', long 79°51', 500 ft below bridge, 4¾ miles above Muddy Creek, 7 miles north of Randleman.
123	2A1000.00	Muddy Creek near Archdale	16.2	Daily	7	.....	.....	Randolph County, lat 35°52'35", long 79°52'43", 600 ft above bridge, 1⅛ miles below Taylor Branch, 6 miles southeast of Archdale.
124	2A1001.80	Polecat Creek near Climax	28.4	Partial	.....	.....	.....	Randolph County, lat 35°53', long 79°46', at bridge ¼ mile below unnamed tributary, 4 miles southwest of Climax.
125	2A1005.00	Deep River at Ramseur	346	Daily	33	Daily	1947	Randolph County, lat 35°44', long 79°39', 1,600 ft below railroad station at Ramseur, 1½ miles below Sandy Creek.
126	2A1006.40	Richland Creek near Asheboro	34.0	Partial	.....	.....	.....	Randolph County, lat 35°38', long 79°43', at bridge 3⅛ miles above Bachelors Creek, 8 miles southeast of Asheboro.
127	2A1007.10	Brush Creek near Coleridge	66.9	Partial	.....	.....	.....	Randolph County, lat 35°36', long 79°55', at bridge on State Highways 22 and 902, 1.4 miles above mouth, 3 miles southeast of Coleridge.
128	2A1007.30	Fork Creek near Coleridge	36	Partial	.....	.....	.....	Randolph County, lat 35°32', long 79°39', at bridge 3 miles above mouth, 8 miles south of Coleridge.
129	2A1010.00	Bear Creek at Robbins	134	Daily	17	Monthly	1956	Moore County, lat 35°26', long 79°35', 300 ft below Cabin Creek, ½ mile west of Robbins.
130	2A1016.60	Rocky River near Liberty	4.7	Partial	.....	.....	.....	Randolph County, lat 35°45', long 79°33', at bridge on U. S. Highway 421, 0.2 mile below Southern Railroad bridge, 2 miles south of Liberty.
131	2A1018.20	Tick Creek near Bonlee	19	Partial	.....	.....	.....	Chatham County, lat 35°41', long 79°22', at bridge 1½ miles above mouth, 3½ miles northeast of Bonlee.
132	2A1018.90	Bear Creek near Goldston	43	Partial	.....	.....	.....	Chatham County, lat 35°38', long 79°18', at bridge 3 miles northeast of Goldston, 6½ miles above mouth.
133	2A1020.00	Deep River at Moncure	1,410	Daily	26	Daily	1944, 1956	Lee County, lat 35°36', long 79°05', 1½ miles northwest of Moncure, 2¾ miles below Rocky River, 4½ miles above mouth.
134	2A1024.80	Neal Creek near Lillington	37.6	Partial	.....	.....	.....	Harnett County, lat 35°26', long 78°49', at bridge on U. S. Highway 401, ½ mile above mouth, 2 miles north of Lillington.

Table 5 .—Stream-gaging sites and quality-of-water sampling sites—Continued

Index number (pl. 1)	Site number	Gaging site	Drainage area (square miles)	Type and length of record: Discharge: Type	Discharge: Number of years	Chemical quality: Type	Chemical quality: Water year	Location
		CAPE FEAR RIVER BASIN--Continued						
135	2A1025.00	Cape Fear River at Lillington.....	3,440	Daily	32	Daily	1945, 1955	Harnett County, lat 35°24', long 78°49', at bridge on U. S. Highway 401, ½ mile north of Lillington, 1 mile below Neal Creek.
136	2A1026.10	Upper Little River near Lillington.....	180	Partial	.....	.....	.....	Harnett County, lat 35°21'36", long 78°50'37", at bridge on State Highway 210, 3 miles southwest of Lillington, 9 miles above mouth.
137	2A1029.30	Crane Creek near Vass.....	32.4	Partial	.....	.....	.....	Moore County, lat 35°17', long 79°16', at bridge on U. S. Highway 1, ½ mile above mouth, 2 miles northeast of Vass.
138	2A1030.00	Little River at Manchester.....	348	Daily	12	.....	.....	Cumberland County, lat 35°11'38", long 78°59'14", at bridge on State Highway 87 at Manchester, 0.3 mile above Tank Creek.
139	2A1035.00	Little River at Linden.....	460	Daily	27	Daily Monthly	1947 1955	Harnett County, lat 35°15'46", long 78°46'35", at bridge on U. S. Highway 401, 1.6 miles west of Linden, 2 miles above Stewart Creek.
140	2A1040.00	Cape Fear River at Fayetteville.....	4,370	Daily	26	Monthly	1949	Cumberland County, lat 35°02'49", long 78°51'36", at Person Street bridge at Fayetteville, 1,500 ft below Cross Creek.
141	2A1042.20	Rockfish Creek at Raeford.....	90.7	Partial	.....	.....	.....	Hoke County, lat 34°59'55", long 78°12'55", at bridge 1 mile below Nicholsons Creek, 1 mile north of Raeford.
142	2A1045.00	Rockfish Creek near Hope Mills.....	284	Daily	17	Monthly	1949, 1954	Cumberland County, lat 34°57'57", long 78°55'04", 150 ft above bridge on U. S. Highway 301, at mouth of Little Rockfish Creek, 1¾ miles east of Hope Mills.
143	2A1055.00	Cape Fear River at lock 3, near Tarheel	4,810	Daily	19	Daily	1947, 1955	Bladen County, lat 34°50'05", long 78°49'27", at lock 3, 7 miles north of Tarheel, 9 miles above Phillips Creek.
144	2A1055.36	Cape Fear River near Elizabethtown.....	4,983	.....	.....	Monthly	1954	Bladen County, 34°38', long 78°36', at bridge on U. S. Highway 701, ½ mile below Ellis Creek, ½ mile above Elizabethtown.
145	2A1056.30	Turnbull Creek near Elizabethtown.....	71.6	Partial	.....	.....	.....	Bladen County, lat 34°41'32", long 78°35'02", at bridge 4½ miles northeast of Elizabethtown, 6 miles above mouth.
146	2A1057.90	Livingston Creek near Acme.....	90.4	Partial	.....	.....	.....	Columbus County, lat 34°18'57", long 78°14'18", at bridge on U. S. Highway 74, 1¾ miles west of Acme, 4 miles above Lynch Gum Branch.
147	2A1059.00	Hood Creek near Leland.....	21.6	Partial	.....	.....	.....	Brunswick County, lat 34°16'43", long 78°07'34", at bridge on U. S. Highway 74, 0.4 mile below Pasture Pond Branch, 4¾ miles northwest of Leland.
148	2A1060.00	Little Coharie Creek near Roseboro.....	96.4	Daily	6	Monthly	1953	Sampson County, lat 34°57'13", long 78°29'17", at bridge on State Highway 24, 1¼ miles east of Roseboro, 1½ miles above Bearskin Swamp.

149	2A1063.60	Six Runs Creek near Clinton	110	Partial	.....	.....	.....	Sampson County, lat 34°59', long 78°14', at bridge on State Highway 24, ¼ mile below Turkey Creek, 5 miles east of Clinton.
150	2A1065.00	Black River near Tomahawk	680	Daily	5	Monthly	1953	Sampson County, lat 34°45'17", long 78°17'21", at bridge on State Highway 411, ¼ mile below Clear Run Swamp, 3¾ miles northeast of Tomahawk.
151	2A1070.00	South River near Parkersburg	382	Daily	5	Monthly	1955	Sampson County, lat 34°48'45", long 78°27'26", at bridge at Bladen-Sampson County line, 1.9 miles southwest of Parkersburg.
152	2A1075.00	Colly Creek near Kelly	103	Daily	6	.....	.....	Bladen County, lat 34°27'48", long 78°15'26", at bridge on State Highway 53, 4 miles east of Kelly, 6¾ miles above mouth.
153	2A1075.44	Black River near Currie	1,400	.....	.....	Daily	1956	Pender County, lat 34°25'57", long 78°08'33", at bridge on State Highway 210, 3 miles above Moores Creek, 3½ miles southwest of Currie.
154	2A1080.00	Northeast Cape Fear River near Chinquapin	600	Daily	16	Daily	1951	Duplin County, lat 34°49'40", long 77°50'00", 540 ft below bridge on State Highway 41, ½ mile below Muddy Creek, 1¼ miles west of Chinquapin.
155	2A1085.00	Rockfish Creek near Wallace	63.8	Daily	1	.....	.....	Duplin County, lat 34°43'44", long 78°02'43", at bridge 0.2 mile above Doctors Creek. 2½ miles west of Wallace.
156	2A1086.22	Northeast Cape Fear River at Castle Hayne	1,499	.....	.....	Daily	1955-56	Brunswick County, lat 34°22'20", long 77°54'00", at bridge on U. S. Highway 117, 0.8 mile north of Castle Hayne, 4.7 miles above Prince George Creek.
		LOCKWOODS FOLLY RIVER BASIN						
157	2A1089.10	Pinch Gut Creek near Bolivia	20.3	Partial	.....	.....	.....	Brunswick County, lat 34°02'48", long 78°10'44", at bridge on U. S. Highway 17, 1¼ miles above mouth, 2 miles southwest of Bolivia.
		WACCAMAW RIVER BASIN						
158	2A1095.00	Waccamaw River at Freeland	706	Daily	17	Daily	1951	Brunswick County, lat 34°05'43", long 78°32'56", 150 ft below bridge on State Highway 130, 1 mile southwest of Freeland, 7 miles below Juniper Creek.
		YADKIN - PEE DEE RIVER BASIN						
159	2A1110.00	Yadkin River at Patterson	29.0	Daily	17	Monthly	1948	Caldwell County, lat 39°59'29", long 81°33'30", 200 ft above bridge on State Highway 268, ½ mile south of Patterson, ¾ mile above Warrior Creek.
160	2A1110.90	Yadkin River near Patterson	75.4	Partial	.....	.....	.....	Caldwell County, lat 36°01', long 81°30', just below Buffalo Creek, ½ mile below bridge on State Highway 268, 4 miles northeast of Patterson.
161	2A1111.80	Elk Creek at Elkville	50.9	Partial	.....	.....	.....	Wilkes County, lat 36°04', long 81°24', at bridge on State Highway 268 at Elkville, 0.4 mile above mouth.
162	2A1112.60	Stony Fork near Ferguson	35.1	Partial	.....	.....	.....	Wilkes County, lat 36°07', long 81°21', at bridge 1 mile above mouth, 1½ miles north of Ferguson.
163	2A1113.20	North Prong Lewis Fork Creek at Champion	33.6	Partial	.....	.....	.....	Wilkes County, lat 36°09', long 81°18', at bridge ¼ mile above South Prong, 1 mile east of Champion.
164	2A1113.70	South Prong Lewis Fork Creek at Champion	31.2	Partial	.....	.....	.....	Wilkes County, lat 36°09', long 81°18', at bridge ¼ mile above North Prong, 0.6 mile east of Champion.

Table 5 .—Stream-gaging sites and quality-of-water sampling sites—Continued

Index number (pl. 1)	Site number	Gaging site	Drainage area (square miles)	Type and length of record				Location
				Discharge		Chemical quality		
				Type	Number of years	Type	Water year	
		YADKIN - PEE DEE RIVER BASIN--Continued						
165	2A1114.40	Middle Fork Reddies River near Wilbar..	13.9	Partial	.....	.....	.....	Wilkes County, lat 36°16', long 81°18', at bridge 1 mile east of Wilbar, 2¼ miles above mouth.
166	2A1115.00	Reddies River at North Wilkesboro.....	93.9	Daily	17	Monthly	1948, 1954	Wilkes County, lat 36°10', long 81°10', 400 ft above bridge, 1¼ miles northwest of North Wilkesboro, 2 miles above mouth.
167	2A1120.00	Yadkin River at Wilkesboro.....	493	Daily	41	Daily Daily	1955 1948	Wilkes County, lat 36°09', long 81°09', 150 ft above bridge on U. S. Highway 421A, 150 ft below Reddies River, ½ mile northeast of Wilkesboro.
168	2A1120.40	Mulberry Creek near North Wilkesboro...	43.0	Partial	.....	.....	.....	Wilkes County, lat 36°12', long 80°07', at bridge on State Highway 268, 1.1 miles above mouth, 1¾ miles east of North Wilkesboro.
169	2A1121.20	Roaring River near Roaring River.....	122	Partial	.....	.....	.....	Wilkes County, lat 36°15', long 81°02', at bridge 3½ miles northwest of Roaring River, 4 miles above mouth.
170	2A1121.70	Bugaboo Creek at Ronda.....	18	Partial	.....	.....	.....	Wilkes County, lat 36°13', long 80°57', at bridge on State Highway 268, ¼ mile above mouth, 1 mile west of Rhonda.
171	2A1123.10	Mitchell River near Mountain Park.....	32.8	Partial	.....	.....	.....	Surry County, lat 36°26', long 80°52', at bridge 3 miles north of Mountain Park, 1¼ miles below North Fork.
172	2A1123.60	Mitchell River near State Road.....	80.4	Partial	.....	.....	.....	Surry County, lat 36°19', long 80°49', at bridge 2 miles above Grass Creek, 3¼ miles east of State Road.
173	2A1130.00	Fisher River near Copeland.....	121	Daily	36	Monthly	1948	Surry County, lat 36°20', long 80°40', 500 ft above bridge on State Highway 268, 1 mile above Cody Creek, 2 miles northwest of Copeland.
174	2A1136.20	Ararat River at Mount Airy.....	66.6	Partial	.....	.....	.....	Surry County, lat 36°30',08", long 80°36'02", at bridge on State Highway 103 at Mount Airy, 2.3 miles above Lovels Creek.
175	2A1137.60	Stewarts Creek near Mount Airy.....	89.2	Partial	.....	.....	.....	Surry County, lat 36°28', long 80°38', at bridge on U. S. Highway 601, 2 miles above mouth, 3 miles southwest of Mount Airy.
176	2A1138.90	Toms Creek at Pilot Mountain.....	29.9	Partial	.....	.....	.....	Surry County, lat 36°24', long 80°29', at bridge on U. S. Highway 52, 1¼ miles below Chinquapin Creek, 1.4 miles northwest of Pilot Mountain.
177	2A1145.00	Little Yadkin River near Donnaha.....	59.7	Daily	1	.....	.....	Forsyth County, lat 36°15', long 80°27", at bridge 1.2 miles above mouth, 1.3 miles northwest of Donnaha.
178	2A1155.00	Forbush Creek near Yadkinville.....	21.7	Daily	16	.....	.....	Yadkin County, lat 36°08', long 80°33', 900 ft above bridge, 2¾ miles above Logan Creek, 6 miles east of Yadkinville.
179	2A1155.90	South Deep Creek at Shacktown.....	65.9	Partial	.....	.....	.....	Yadkin County, lat 36°06', long 80°35', at bridge ¾ mile south of Shacktown, 1 mile above Harmon Creek.

180	2A1156.10	North Deep Creek near Yadkinville.....	35	Partial	.....	.....	.....	Yadkin County, lat 36°08', long 80°37', at bridge on U. S. Highway 421, 1½ miles east of Yadkinville, 1¾ miles below Town Branch.
181	2A1158.10	Muddy Creek near Clemmons.....	105	Partial	.....	.....	.....	Forsyth County, lat 36°01'28", long 80°21'16", at bridge on U. S. Highway 158, 1½ miles east of Clemmons, 2 miles above Middle Fork.
182	2A1159.10	South Fork Muddy Creek near Winston-Salem	38.5	Partial	.....	.....	.....	Forsyth County, lat 36°00'38", long 80°16'15", at bridge on State Highway 150, 3 miles above mouth, 5 miles south of Winston-Salem.
183	2A1160.00	Reedy Creek near Yadkin College.....	13.3	Daily	1	.....	.....	Davidson County, lat 35°55", long 80°20', ¼ mile above Huffmans Creek, 3½ miles northeast of Yadkin College.
184	2A1165.00	Yadkin River at Yadkin College.....	2,280	Daily	28	Daily	1944, 1951, 1956	Davidson County, lat 35°51'24", long 80°23'10", at bridge on U. S. Highway 64, 1½ miles south of Yadkin College, 6¼ miles below Reedy Creek.
185	2A1170.00	Dutchmans Creek near Cornatzer.....	83.6	Daily	1	.....	.....	Davie County, lat 35°56', long 80°30', at bridge 100 ft below Cedar Creek, 1½ miles west of Cornatzer.
186	2A1172.20	South Yadkin River near Statesville....	77.0	Partial	.....	.....	.....	Iredell County, lat 35°53', long 80°57', at bridge on State Highway 115, 3 miles above Rocky Creek, 7 miles north of Statesville.
187	2A1175.00	Rocky Creek at Turnersburg.....	102	Daily	16	.....	.....	Iredell County, lat 35°54', long 80°48', 1,000 ft below bridge on U. S. Highway 21, at Turnersburg, 1½ miles above mouth.
188	2A1177.10	Fifth Creek near Statesville.....	27.0	Partial	.....	.....	.....	Iredell County, lat 35°51', long 80°44', at bridge 2 miles above mouth, 9 miles northeast of Statesville.
189	2A1180.00	South Yadkin River near Mocksville.....	313	Daily	18	Monthly	1954	Davie County, lat 35°51', long 80°40', at bridge 1 mile above Little Creek, 6½ miles southwest of Mocksville.
190	2A1185.00	Hunting Creek near Harmony.....	153	Daily	5	Monthly	1953	Iredell County, lat 36°00', long 80°44', at bridge ¾ mile below Kennedy Creek, 3½ miles northeast of Harmony.
191	2A1189.10	Bear Creek at Mocksville.....	23.3	Partial	.....	.....	.....	Davie County, lat 35°52', long 80°35', at bridge 1½ miles southwest of Mocksville, 1½ miles above mouth.
192	2A1190.00	South Yadkin River at Cooleemee.....	569	Daily	28	Daily	1948, 1956	Davie County, lat 35°48', long 80°34', 550 ft above bridge on State Highway 801 at Cooleemee, 2½ miles above Third Creek.
193	2A1194.00	Third Creek Subwatershed No. 7A near Stony Point	4.84	Partial	0	.....	.....	Alexander County, lat 35°52', long 81°04', 900 ft above bridge, 1¼ miles northwest of Stony Point, 2¼ miles above Alexander-Iredell County line.
194	2A1195.00	Third Creek Subwatershed No. 21 (IL Creek) at Troutman	1.62	Daily	1	.....	.....	Iredell County, lat 35°42', long 80°53', ¼ mile above highway bridge, 1 mile east of Troutman, 3¾ miles above mouth.
195	2A1205.00	Third Creek at Cleveland.....	87.4	Daily	16	Daily	1950	Rowan County, lat 35°45', long 80°41', 200 ft below bridge, ¾ mile north of Cleveland, 7 miles above Fourth Creek.
196	2A1205.80	Fourth Creek at Statesville.....	15.8	Partial	.....	.....	.....	Iredell County, lat 35°50', long 80°53', at bridge 200 ft above Morrison Creek, 2 miles north of Statesville.
197	2A1207.80	North Second Creek near Barber.....	120	Partial	.....	.....	.....	Rowan County, lat 35°43'05", long 80°35'45", at bridge on U. S. Highway 70, 1.3 miles below Withrow and Carrell Creeks, 2.7 miles east of Barber.
198	2A1209.10	Grants Creek at Salisbury.....	39	Partial	.....	.....	.....	Rowan County, lat 35°39'50", long 80°30'35", at bridge on State Highway 150, 2 miles west of Salisbury, 7½ miles above mouth.

Table 5 .—Stream-gaging sites and quality-of-water sampling sites—Continued

Index number (pl. 1)	Site number	Gaging site	Drainage area (square miles)	Type and length of record: Discharge: Type	Discharge: Number of years	Chemical quality: Type	Chemical quality: Water year	Location
		YADKIN - PEE DEE RIVER BASIN--Continued						
199	2A1210.00	Yadkin River near Salisbury	3,470	Daily	32	.....	.....	Rowan County, lat 35°43'30", long 80°23'50", at bridge 1,600 ft above Southern Railway, 4 miles below South Yadkin River, 6 miles northeast of Salisbury.
200	2A1213.60	Swearing Creek at Linwood	35.3	Partial	.....	.....	.....	Davidson County, lat 35°45'19", long 80°18'22", at bridge 0.6 mile east of Linwood, 2 miles above mouth.
201	2A1214.10	South Second Creek near Liberty	33	Partial	.....	.....	.....	Rowan County, lat 35°34', long 80°22', at bridge 2.1 miles southwest of Liberty, 4¾ miles above Reedy Creek.
202	2A1214.30	Abbotts Creek near Wallburg	33.3	Partial	.....	.....	.....	Davidson County, lat 35°57'21", long 80°07'32", at bridge on State Highway 109, 0.3 mile below Spurgeon Creek, 4.2 miles south of Wallburg.
203	2A1214.60	Abbotts Creek near Thomasville	65.9	Partial	.....	.....	.....	Davidson County, lat 35°53'33", long 80°10'52", above Thomasville water supply intake, 400 ft below Brushy Creek, 5⅓ miles west of Thomasville.
204	2A1214.80	Rich Fork near Holly Grove	48.2	Partial	.....	.....	.....	Davidson County, lat 35°51'15", long 80°10'57", at bridge 1⅓ miles above Hamby Creek, 2¾ miles north of Holly Grove.
205	2A1215.00	Abbotts Creek at Lexington	174	Daily	16	Daily	1948	Davidson County, lat 35°48'23", long 80°14'05", 300 ft above bridge, 1⅓ miles southeast of Lexington, 4.9 miles below Rich Fork.
206	2A1220.00	Fourmile Branch near Southmont	14.3	Daily	1	.....	.....	Davidson County, lat 35°40'51", long 80°10'29", at bridge 1.4 miles above mouth, 5 miles east of Southmont.
207	2A1225.00	Yadkin River at High Rock	4,000	Daily	22	Daily	1948	Davidson County, lat 35°35'46", long 80°13'59", 0.3 mile below High Rock Dam, 0.6 mile west of High Rock, 1¾ miles above Lick Creek.
208	2A1230.00	Uwharrie River near Trinity	11.3	Daily	7	.....	.....	Randolph County, lat 35°52'05", long 79°59'31", 500 ft below bridge, 2⅓ miles south of Trinity, 9 miles above Little Uwharrie River.
209	2A1231.20	Uwharrie River near Asheboro	37.0	Partial	.....	.....	.....	Randolph County, lat 35°48'20", long 79°59'50", at bridge 3 miles above Little Uwharrie River, 12 miles northwest of Asheboro.
210	2A1235.00	Uwharrie River near Eldorado	347	Daily	18	Monthly	1948	Montgomery County, lat 35°25'47", long 80°01'05", 300 ft below bridge on State Highway 109, 1 mile above McLeans Creek, 3 miles south of Eldorado.
211	2A1240.80	Clarke Creek near Harrisburg	21.8	Partial	.....	.....	.....	Cabarrus County, lat 35°24'50", long 80°45'08", at bridge 3.0 miles above mouth, 8⅓ miles northwest of Harrisburg.
212	2A1241.10	Rocky River near Roberta Mill	87.9	Partial	.....	.....	.....	Cabarrus County, lat 35°21'33", long 80°40'31", at bridge on U. S. Highway 29, 2¾ miles west of Roberta Mill, 3.6 miles above Mallard Creek.

213	2A1241.60	Mallard Creek at Harrisburg	41.2	Partial	.....	.....	.....	Cabarrus County, lat 35°20'01", long 80°40'06", at bridge $\frac{1}{4}$ mile above mouth, 1.3 miles northwest of Harrisburg.
214	2A1242.30	Coddle Creek near Concord	57	Partial	.....	.....	.....	Cabarrus County, lat 35°24'29", long 80°40'29", at bridge below Afton Run, 5 miles west of Concord.
215	2A1243.20	Reedy Creek at Rocky River	30.8	Partial	.....	.....	.....	Cabarrus County, lat 35°18'12", long 81°35'41", at bridge 0.3 mile southeast of Rocky River, 0.4 mile above Caldwell Creek.
216	2A1244.20	Rocky River near Concord	402	Partial	.....	.....	.....	Cabarrus County, lat 35°18'50", long 80°28'45", 0.8 mile above Dutch Buffalo Creek, $8\frac{1}{2}$ miles southeast of Concord.
217	2A1245.00	Dutch Buffalo Creek at Mount Pleasant	64.1	Daily	1	.....	.....	Cabarrus County, lat 35°23'45", long 80°25'00", at bridge on State Highway 73, 1 mile east of Mount Pleasant, $1\frac{3}{4}$ miles below Little Buffalo Creek.
218	2A1250.00	Big Bear Creek near Richfield	55.7	Daily	2	.....	.....	Stanly County, lat 35°20'05", long 80°20'10", at bridge 1.8 miles below Running Creek, 10.3 miles southwest of Richfield.
219	2A1250.20	Big Bear Creek near Albemarle	70.5	.....	.....	Monthly	1952	Stanly County, lat 35°16'49", long 80°18'10", at bridge on State Highway 27, $2\frac{1}{2}$ miles above Stony Run, 8 miles southwest of Albemarle.
220	2A1253.10	Richardson Creek near Wingate	98.2	Partial	.....	.....	.....	Union County, lat 35°02', long 80°28', at bridge $\frac{1}{2}$ mile above Stuarts Creek, $3\frac{1}{2}$ miles north of Wingate.
221	2A1255.00	Richardson Creek near Marshville	170	Daily	3	.....	.....	Union County, lat 35°06', long 80°23', at bridge 1 mile above Niggerhead Creek, $7\frac{1}{2}$ miles north of Marshville.
222	2A1260.00	Rocky River near Norwood	1,370	Daily	27	Daily	1948, 1956	Stanly County, lat 35°09', long 80°10', 1,000 ft below Lanes Creek, $1\frac{1}{2}$ miles above bridge 6 miles southwest of Norwood.
223	2A1265.00	Little Brown Creek near Polkton	13.5	Daily	5	.....	.....	Anson County, lat 34°59', long 80°11', $1\frac{1}{2}$ miles above mouth, $2\frac{3}{4}$ miles southeast of Polkton.
224	2A1270.00	Brown Creek near Polkton	110	Daily	19	.....	.....	Anson County, lat 35°02', long 80°09', 400 ft below bridge on State Highway 742, $3\frac{1}{2}$ miles below Little Brown Creek, 4 miles northeast of Polkton.
225	2A1275.00	Pee Dee River near Ansonville	6,330	Daily	4	.....	.....	Anson County, lat 35°05'07", long 79°59'57", at bridge 1 mile below Brown Creek, 6 miles east of Ansonville.
226	2A1280.00	Little River near Star	105	Daily	2	.....	.....	Montgomery County, lat 35°23'11", long 79°49'56", at bridge 0.3 mile below West Fork Little River, 3 miles west of Star.
227	2A1285.00	Big Mountain Creek near Ellerbe	33.4	Daily	1	.....	.....	Richmond County, lat 35°07'12", long 79°48'59", at bridge on State Highway 73, $3\frac{1}{4}$ miles above Little Mountain Creek, 5 miles northwest of Ellerbe.
228	2A1289.60	Cartledge Creek near Rockingham	31.4	Partial	.....	.....	.....	Richmond County, lat 34°58'37", long 79°51'29", at bridge $\frac{1}{2}$ mile above mouth, $5\frac{1}{2}$ miles northwest of Rockingham.
229	2A1290.00	Pee Dee River near Rockingham	6,870	Daily	34	Daily	1947-48	Richmond County, lat 34°56'46", long 79°52'11", at bridge on U. S. Highway 74, 2.5 miles above Falling Creek, 3.3 miles below Blewett Falls Dam, 6 miles west of Rockingham.
230	2A1292.40	Falling Creek near Rockingham	6.50	Partial	.....	.....	.....	Richmond County, lat 34°56'28", long 79°42'15", at bridge 1 mile south of U. S. Highway 1, 4 miles east of Rockingham, 5 miles above mouth.
231	2A1294.70	South Fork Jones Creek at U. S. Highway 52 near Morven	35	Partial	.....	.....	.....	Anson County, lat 34°53'28", long 80°01'02", at bridge on U. S. Highway 52, $1\frac{1}{2}$ miles above mouth, 2 miles north of Morven.

Table 5 .—Stream-gaging sites and quality-of-water sampling sites—Continued

Index number (pl. 1)	Site number	Gaging site	Drainage area (square miles)	Type and length of record: Discharge: Type	Discharge: Number of years	Chemical quality: Type	Chemical quality: Water year	Location
		YADKIN - PEE DEE RIVER BASIN--Continued						
232	2A1295.00	North Fork Jones Creek near Wadesboro..	10.0	Daily	6	.....	.....	Anson County, lat 34°55'09", long 80°04'27", 300 ft below bridge, 3½ miles south of Wadesboro, 4 miles above Bailey Creek.
233	2A1295.70	Marks Creek near Osborne.....	29.2	Partial	.....	.....	.....	Richmond County, lat 34°50', long 79°48', at bridge 3½ miles northwest of Osborne, 9 miles above mouth.
234	2A1321.50	Gum Swamp Creek near Laurinburg.....	41.1	Partial	.....	.....	.....	Scotland County, lat 34°51'12", long 79°31'28", at bridge 2 miles above Upper Beaverdam Creek, 6½ miles northwest of Laurinburg.
235	2A1323.20	Big Shoe Heel Creek near Laurinburg....	81.6	Partial	.....	.....	.....	Scotland County, lat 34°45'01", long 79°23'12", at bridge on U. S. Highway 74, 2½ miles below Jordans Creek, 4½ miles southeast of Laurinburg.
236	2A1329.10	Drowning Creek at Jackson Springs.....	32.1	Partial	.....	.....	.....	Moore County, lat 35°11'16", long 79°38'55", at bridge on State Highway 73, 2 miles southwest of Jackson Springs, 3 miles above Jackson Creek.
237	2A1330.00	Deep Creek near Roseland.....	18.9	Daily	1	.....	.....	Moore County, lat 35°07'23", long 79°32'34", at bridge 2 miles southwest of Roseland, and 2¾ miles above Horse Creek.
238	2A1335.00	Drowning Creek near Hoffman.....	178	Daily	17	Monthly	1955	Richmond County, lat 35°03'38", long 79°29'39", at bridge on U. S. Highway 1, ¾ mile below Deep Creek, 4 miles northeast of Hoffman.
239	2A1336.26	Lumber River near Maxton.....	372	.....	.....	Monthly	1955	Robeson County, lat 34°45', long 79°20', at bridge 1½ miles northeast of Maxton, 3½ miles above Gum Swamp.
240	2A1336.40	Lumber River near Pembroke.....	421	Partial	.....	.....	.....	Robeson County, lat 34°42', long 79°15', at bridge ½ mile below Gum Swamp, 3⅓ miles west of Pembroke.
241	2A1340.00	Little Raft Swamp at Red Springs.....	23.1	Daily	1	.....	.....	Robeson County, lat 34°50', long 79°11', at bridge on State Highway 71 and 211, ¾ mile north of Red Springs, ¾ mile below Grahams Pond.
242	2A1340.80	Raft Swamp near Lumberton.....	107	Partial	.....	.....	.....	Robeson County, lat 34°43', long 79°05', at bridge on State Highway 211, 1¾ miles above Richland Swamp, 6 miles northwest of Lumberton.
243	2A1344.80	Big Swamp near Tarheel.....	225	Partial	.....	.....	.....	Robeson County, lat 35°41'18", long 78°50'14", at bridge 2½ miles above Goodman Swamp, 2¾ miles southwest of Tarheel.
244	2A1345.00	Lumber River at Boardman.....	1,220	Daily	27	Daily	1947	Columbus County, lat 34°26'32", long 78°57'38, at bridge on U. S. Highway 74, 1 mile below Atlantic Coast Line Railroad bridge at Boardman, 1½ miles below Big Swamp.

CATAWBA - SANTEE RIVER BASIN

245	2A1365.00	Catawba River at Old Fort	14	Partial	.....	.....	.....	McDowell County, lat 35°37', long 82°10', at bridge ½ mile above Mill Creek, ½ mile south of Old Fort.
246	2A1370.00	Mill Creek at Old Fort	20.7	Daily	1	.....	.....	McDowell County, lat 35°38', long 82°11', at bridge ½ mile below Jarrett Creek, ½ mile above mouth, 1 mile northwest of Old Fort.
247	2A1374.60	Curtis Creek near Old Fort	17.3	Partial	.....	.....	.....	McDowell County, lat 35°39', long 82°10', at bridge on U. S. Highway 70, ¾ mile above mouth, 2 miles northeast of Old Fort.
248	2A1375.00	Catawba River near Old Fort	57.1	Daily	1	.....	.....	McDowell County, lat 35°38', long 82°08', at bridge 1 mile below Curtis Creek, 2 miles east of Old Fort.
249	2A1380.00	Catawba River near Marion	171	Daily	15	Daily	1946	McDowell County, lat 35°42', long 82°02', at bridge on U. S. Highway 221, 0.2 mile below Tom Creek, 2.2 miles northwest of Marion.
250	2A1380.40	North Fork Catawba River at Pitts	33.0	Partial	.....	.....	.....	McDowell County, lat 35°50'00", long 82°00'10", at bridge at Pitts, ¾ mile below Honeycut Creek.
251	2A1382.20	North Muddy Creek near Nebo	43	Partial	.....	.....	.....	McDowell County, lat 35°40', long 81°55', at bridge 1.2 miles below Caleb Branch, 3 miles southeast of Nebo.
252	2A1383.10	Muddy Creek at Bridgewater	99.1	Partial	.....	.....	.....	Burke County, lat 35°43', long 81°52', at bridge on U. S. Highway 70, ¼ mile above mouth, ¾ mile south of Bridgewater.
253	2A1384.10	Mill Timber Creek at Crossnore	4.01	Partial	.....	.....	.....	Avery County, lat 36°01', long 81°55', at culvert at Crossnore, ¼ mile above mouth.
254	2A1385.00	Linville River at Branch	67.2	Daily	34	.....	.....	Burke County, lat 35°47'41", long 81°53'25", at bridge on State Highway 126 at Branch, 0.2 mile above Lake James.
255	2A1391.20	Silver Creek near Glen Alpine	25.9	Partial	.....	.....	.....	Burke County, lat 35°42', long 81°46', at bridge ¼ mile above Sutterwhite Creek, 2⅓ miles southeast of Glen Alpine.
256	2A1393.90	Warrior Fork near Morganton	81.9	Partial	.....	.....	.....	Burke County, lat 35°47'49", long 81°43'08", at bridge 2¼ miles above mouth, 4 miles northwest of Morganton.
257	2A1395.00	Catawba River near Morganton	677	Daily	5	.....	.....	Burke County, lat 35°46'19", long 81°41'24", at bridge 600 ft below Warrior Fork, 2 miles north of Morganton.
258	2A1400.00	Johns River at Collettsville	69.0	Partial	.....	.....	.....	Caldwell County, lat 35°55'30", long 81°40'29", at bridge at Collettsville, ¼ mile above Mulberry Creek.
259	2A1405.00	Wilson Creek at Adako	68.1	Partial	.....	.....	.....	Caldwell County, lat 35°53'55", long 81°42'58", at bridge ¼ mile west of Adako, 1½ miles above mouth.
260	2A1411.10	Lower Creek at Lenoir	13.8	Partial	.....	.....	.....	Caldwell County, lat 35°54'33", long 81°31'35", at bridge on U. S. Highway 321 at Lenoir, 0.2 mile above Cane Creek.
261	2A1420.00	Lower Little River near All Healing Springs	31.2	Daily	3	.....	.....	Alexander County, lat 35°57', long 81°14', at bridge 0.4 mile above Lambert Creek, 0.2 mile northeast of All Healing Springs.
262	2A1424.90	Lyle Creek at Catawba	70.7	Partial	.....	.....	.....	Catawba County, lat 35°43', long 81°05', at bridge on State Highway 10, ½ mile north of Catawba, 1 mile above mouth.
263	2A1425.00	Catawba River at Catawba	1,535	Daily	24	Daily	1946, 1955	Catawba County, lat 35°43', long 81°04', at bridge on U. S. Highways 64 and 70, ½ mile above Lyle Creek, 1 mile northeast of Catawba.
264	2A1426.00	Mountain Creek near Terrell	42.4	Partial	.....	.....	.....	Catawba County, lat 35°34', long 81°00', at bridge 1.8 miles southwest of Terrell, 2⅓ miles above mouth.

Table 5.—Stream-gaging sites and quality-of-water sampling sites—Continued

Index number (pl. 1)	Site number	Gaging site	Drainage area (square miles)	Type and length of record: Discharge: Type	Discharge: Number of years	Chemical quality: Type	Chemical quality: Water year	Location
		CATAWBA - SANTEE RIVER BASIN--Continued						
265	2A1426.40	Davidson Creek near Cornelius.....	38	Partial	.....	.....	.....	Mecklenburg County, lat 35°29'22", long 80°56'04", at bridge on State Highway 73, 0.7 mile above mouth, 4½ miles west of Cornelius.
266	2A1427.20	Dutchmans Creek near Stanley.....	112	Partial	.....	.....	.....	Gaston County, lat 35°22'00", long 81°02'00", at bridge 1.2 miles below Killian and Leepers Creek, 3 miles east of Stanley.
267	2A1428.90	Long Creek near Thrift.....	22.0	Partial	.....	.....	.....	Mecklenburg County, lat 35°18'53", long 80°56'38", at bridge on State Highway 16, 1 mile above Gum Branch, 2½ miles northwest of Thrift.
268	2A1430.00	Henry Fork near Henry River.....	80.0	Daily	20	Monthly	1954	Catawba County, lat 35°41', long 81°24', 450 ft below bridge, 1¼ miles below Burke-Catawba County line, 2 miles southwest of Henry River.
269	2A1430.60	Jacob Fork near Startown.....	100	Partial	.....	.....	.....	Catawba County, lat 35°38', long 81°20', at bridge 0.7 mile above mouth, 3 miles west of Startown.
270	2A1431.80	Maiden Creek at Maiden.....	14.3	Partial	.....	.....	.....	Catawba County, lat 35°35', long 81°12', ¼ mile above Pinch Gut Creek, 0.8 mile north of Maiden.
271	2A1432.60	Clark Creek at Lincolnton.....	92.2	Partial	.....	.....	.....	Lincoln County, lat 35°28'30", long 81°16'00", at North Grove Street Bridge in Lincolnton, ¼ mile above mouth.
272	2A1432.84	South Fork Catawba River at Lincolnton	392	.....	.....	Monthly	1951	Lincoln County, lat 35°27'20", long 81°15'30", at bridge 0.1 mile west of Carolina and Northwestern Railroad, 1 mile south of Lincolnton.
273	2A1435.00	Indian Creek near Laboratory.....	68.4	Daily	5	Monthly	1952	Lincoln County, lat 35°25'20", long 81°15'50", ½ mile above bridge, 1½ miles above mouth, 1½ miles south of Laboratory.
274	2A1440.00	Long Creek near Bessemer City.....	31.4	Daily	3	.....	.....	Gaston County, lat 35°18'20", long 81°14'00", 700 ft above bridge, 2 miles northeast of Bessemer City, 8¾ miles above mouth.
275	2A1450.00	South Fork Catawba River at Lowell.....	630	Daily	14	Daily	1950	Gaston County, lat 35°17'10", long 81°06'00", 120 ft below Housers Creek, 1 mile north of Lowell.
276	2A1456.10	Crowders Creek near Gastonia.....	70.6	Partial	.....	.....	.....	Gaston County, lat 35°10'09, long 81°11'44", at bridge on U. S. Highway 321, 0.1 mile below South Fork Creek, 6½ miles south of Gastonia.
277	2A1465.00	Little Sugar Creek near Charlotte.....	41.0	Daily	32	.....	.....	Mecklenburg County, lat 35°09'21", long 80°51'10", 500 ft below Briar Creek, 600 ft above sewage disposal plant, 4.7 miles south of Charlotte.
278	2A1467.60	McAlpine Creek near Pineville.....	91.7	Partial	.....	.....	.....	Mecklenburg County, lat 35°03'40", long 80°52'40", at bridge on U. S. Highway 521, 1 mile below McMullen Creek, 2 miles south of Pineville.

279	2A1469.00	Twelve Mile Creek near Waxhaw.....	72.4	Partial	.....	.....	.....	Union County, lat 34°57', long 80°45', at bridge on State Highway 16, 0.1 mile below West Fork, 2½ miles north of Waxhaw.
280	2A1485.00	Broad River near Chimney Rock.....	97.0	Daily	29	.....	.....	Rutherford County, lat 35°25'29", long 82°10'54", 1,000 ft below Lake Lure Dam, 3 miles east of Chimney Rock.
281	2A1490.00	Cove Creek near Lake Lure.....	77.0	Daily	5	.....	.....	Rutherford County, lat 35°25'24", long 82°06'42", at bridge on U. S. Highways 64 and 74, 1 mile above mouth, 5 miles east of Lake Lure.
282	2A1492.40	Mountain Creek near Rutherfordton.....	40.6	Partial	.....	.....	.....	Rutherford County, lat 35°20'31", long 82°00'39", at bridge on State Highway 108, 1¾ miles below Maple Creek, 3 miles southwest of Rutherfordton.
283	2A1500.00	Green River near Mill Spring.....	174	Daily	14	Monthly	1949	Polk County, lat 35°20'10", long 82°04'55", 2 miles below Walnut Creek, 5.2 miles northeast of Mill Spring.
284	2A1500.40	White Oak Creek near Collinsville.....	37.1	Partial	.....	.....	.....	Polk County, lat 35°16'07", long 82°02'48", at bridge 1¼ miles above Mill Creek, 4¾ miles northeast of Collinsville.
285	2A1503.80	Second Broad River near Logan.....	35.7	Partial	.....	.....	.....	Rutherford County, lat 35°27', long 81°55', 1¼ miles above Little Camp Creek, 1¾ miles northwest of Logan.
286	2A1507.40	Second Broad River near Bostic.....	170	Partial	.....	.....	.....	Rutherford County, lat 35°21', long 81°51', at bridge 1 mile below Robinson Creek, 1 mile southwest of Bostic.
287	2A1510.00	Second Broad River at Cliffside.....	211	Daily	31	Daily	1949	Rutherford County, lat 35°14'08", long 81°45'57", ¼ mile below Cliffside Mills at Cliffside, 1½ miles above mouth.
288	2A1515.00	Broad River near Boiling Springs.....	864	Daily	31	Daily	1946	Cleveland County, lat 35°12'40", long 81°41'50", ⅛ mile above Sandy Run Creek, 3½ miles southwest of Boiling Springs.
289	2A1520.00	Sandy Run Creek near Boiling Springs...	67	Daily	3	.....	.....	Cleveland County, lat 35°13'30", long 81°41'50", at bridge 1½ miles above mouth, 2½ miles southwest of Boiling Springs.
290	2A1521.00	First Broad River near Casar.....	59.5	Partial	.....	.....	.....	Cleveland County, lat 35°29'35", 81°40'56", at bridge 2 miles above Duncan and Wards Creeks, 3½ miles southwest of Casar.
291	2A1525.00	First Broad River near Lawndale.....	198	Daily	16	Daily	1949	Cleveland County, lat 35°22'50", long 81°32'40", 0.2 mile above Shoal Rock Creek, 2½ miles southeast of Lawndale.
292	2A1532.80	Buffalo Creek near Waco.....	43.5	Partial	.....	.....	.....	Cleveland County, lat 35°20'50", long 81°28'50", at bridge 1.7 miles above Long Creek, 3 miles southwest of Waco.
293	2A1540.00	North Pacolet River near Tryon.....	43.6	Daily	1	.....	.....	Polk County, lat 35°13', long 82°12', just below Horse Creek, 3 miles east of Tryon.
		NEW - KANAWHA RIVER BASIN						
294	3A1601.10	Middle Fork South Fork New River near Blowing Rock	8.93	Partial	.....	.....	.....	Watauga County, lat 36°10'12", long 81°38'45", at bridge on U. S. Highways 221 and 321, 1 mile above Payne Branch, 3 miles northeast of Blowing Rock.
295	3A1603.10	Howard Creek at Sands.....	10	Partial	.....	.....	.....	Watauga County, lat 36°14'31", long 81°39'23", at bridge on State Highway 194, 1 mile southwest of Sands, 1½ miles above mouth.
296	3A1610.00	South Fork New River near Jefferson....	207	Daily	32	Daily	1950	Ashe County, lat 36°24', long 81°25', 600 ft above bridge on State Highway 16, ¼ mile below Bear Creek, 4 miles southeast of Jefferson.
297	3A1615.00	South Fork New River near Crumpler.....	325	Daily	8	.....	.....	Ashe County, lat 36°32', long 81°22', 1.6 miles above mouth, about 4 miles northeast of Crumpler.

Table 5 .—Stream-gaging sites and quality-of-water sampling sites—Continued

Index number (pl. 1)	Site number	Gaging site	Drainage area (square miles)	Type and length of record: Discharge: Type	Discharge: Number of years	Chemical quality: Type	Chemical quality: Water year	Location
		NEW-KANAWHA RIVER BASIN--Continued						
298	3A1618.80	North Fork New River at Creston.....	63.1	Partial	.....	.....	.....	Ashe County, lat 36°26', long 81°37', at bridge at Creston, just below Three Top Creek.
299	3A1620.00	North Fork New River near Warrensville	113	Daily	2	.....	.....	Ashe County, lat 36°28', long 81°32', at bridge 0.1 mile above Stagg Creek, 1¼ miles west of Warrensville.
300	3A1625.00	North Fork New River at Crumpler.....	277	Daily	36	.....	.....	Ashe County, lat 36°30', long 81°23', ¼ mile below bridge on State Highway 16 at Crumpler, about 6 miles above mouth.
301	3A1628.60	Little River near Sparta.....	19.3	Partial	.....	.....	.....	Alleghany County, lat 36°29', long 81°08', at bridge just above Pine Creek 2 miles south of Sparta.
		TENNESSEE RIVER BASIN						
302	3B4390.00	French Broad River at Rosman.....	67.9	Daily	22	Daily	1946	Transylvania County, lat 35°08'32", long 82°49'28", at bridge on U. S. Highway 178 at Rosman, 1 mile above East Fork.
303	3B4395.00	French Broad River at Calvert.....	103	Daily	31	.....	.....	Transylvania County, lat 35°08'55", long 82°47'59", at bridge 0.8 mile southeast of Calvert, 1.4 miles below East Fork.
304	3B4400.00	Catheys Creek near Brevard.....	11.7	Daily	11	Monthly	1947	Transylvania County, lat 35°12'40", long 82°47'00", 1,200 ft below Kuykendall Creek, 2.1 miles above mouth, 3.2 miles southwest of Brevard.
305	3B4405.00	Davidson River near Davidson River.....	31.0	Daily	4	.....	.....	Transylvania County, lat 35°17'12", long 82°44'15", 500 ft above Avery Creek, 3.8 miles above Davidson River.
306	3B4410.00	Davidson River near Brevard.....	40.4	Daily	36	.....	.....	Transylvania County, lat 35°16'23", long 82°42'21", 150 ft above bridge on State Highway 280, 2 miles above mouth, 3½ miles northeast of Brevard.
307	3B4415.00	Little River near Penrose.....	41.4	Daily	13	Daily	1954	Transylvania County, lat 35°13'23", long 82°38'07", 0.4 mile below Cascade Lake Dam, 1.2 miles above Hart Branch, 3.3 miles south of Penrose.
308	3B4420.00	Crab Creek near Penrose.....	10.9	Daily	13	.....	.....	Transylvania County, lat 35°14'02", long 82°36'39", 1.6 miles above mouth, 3 miles southeast of Penrose.
309	3B4430.00	French Broad River at Blantyre.....	296	Daily	36	Daily	1953	Transylvania County, lat 35°17'56", long 82°37'27", at bridge 700 ft east of railroad station at Blantyre, 3.4 miles below Little River.
310	3B4440.00	Boylston Creek near Horseshoe.....	14.8	Daily	13	.....	.....	Henderson County, lat 35°22'13", long 82°33'50", 100 ft above bridge, 1.7 miles above mouth, 2 miles north of Horseshoe.
311	3B4445.00	South Fork Mills River at The Pink Beds	9.99	Daily	24	.....	.....	Transylvania County, lat 35°21'58", long 82°44'22", at The Pink Beds in Pisgah National Forest, 400 ft below Thompson Creek.

312	3B4460.00	Mills River near Mills River	66.7	Daily	25	Monthly Daily	1947 1952	Henderson County, lat 35°23'56", long 82°35'46", 1.5 miles below North and South Forks, 2 miles above Mills River.
313	3B4465.00	Clear Creek near Hendersonville	42.2	Daily	11	.....	.....	Henderson County, lat 35°21'14", long 82°26'40", at bridge 0.6 mile above Allen Branch, 2.7 miles northeast of Hendersonville.
314	3B4470.00	Mud Creek at Naples	109	Daily	17	Monthly	1952	Henderson County, lat 35°22'32", long 82°29'54", at bridge 100 ft below Byers Creek, 0.8 mile south of Naples.
315	3B4475.00	Cane Creek at Fletcher	63.1	Daily	14	Monthly	1954	Henderson County, lat 35°26'08", long 82°29'23", at bridge ½ mile above Hooper Creek, ½ mile northeast of Fletcher.
316	3B4480.00	French Broad River at Bent Creek	676	Daily	23	Daily	1954	Buncombe County, lat 35°30'07", long 82°35'35", 50 ft below Bent Creek, 6 miles above Hominy Creek, 7 miles south of Asheville.
317	3B4485.00	Hominy Creek at Candler	79.8	Daily	14	.....	.....	Buncombe County, lat 35°32'28", long 82°40'35", 0.1 mile below Pole Creek, 1 mile east of Candler.
318	3B4490.00	North Fork Swannanoa River near Black Mountain	23.8	Daily	30	.....	.....	Buncombe County, lat 35°39'11", long 82°21'04", 0.1 mile below Walker Branch, 3 miles northwest of Black Mountain.
319	3B4495.00	Swannanoa River at Swannanoa	62.1	Daily	6	.....	.....	Buncombe County, lat 35°36'11", long 82°23'42", 1,000 ft below bridge at Swannanoa, 1½ miles below North Fork.
320	3B4500.00	Beetree Creek near Swannanoa	5.46	Daily	30	.....	.....	Buncombe County, lat 35°39'11", long 82°24'20", 1,000 ft above Beetree Reservoir, 3.8 miles north of Swannanoa.
321	3B4510.00	Swannanoa River at Biltmore	130	Daily	29	Monthly	1956	Buncombe County, lat 35°34'06", long 82°32'42", at Biltmore, 100 ft below Biltmore Avenue Bridge, 1.6 miles above mouth.
322	3B4515.00	French Broad River at Asheville	945	Daily[a]	61	Daily	1951	Buncombe County, lat 35°36'32", long 82°34'41", at Pearson Bridge at Asheville, 3.1 miles below Swannanoa River.
323	3B4520.00	Sandymush Creek near Alexander	79.5	Daily	14	.....	.....	Buncombe County, lat 35°43'49", long 82°40'11", 1.3 miles above mouth, 3.5 miles northwest of Alexander.
324	3B4530.00	Ivy River near Marshall	158	Daily	23	Monthly	1953	Madison County, lat 35°46'10", long 82°37'16", 0.2 mile below bridge, 1.9 miles above mouth, 4 miles southeast of Marshall.
325	3B4535.00	French Broad River at Marshall	1,332	Daily	14	.....	.....	Madison County, lat 35°47'10", long 82°39'39", 1.0 mile below Ivy River, 1.5 miles southeast of Marshall.
326	3B4540.00	Big Laurel Creek near Stackhouse	126	Daily	23	Daily	1952	Madison County, lat 35°55'11", long 82°45'42", 0.2 mile below Big Hurricane Creek, 3 miles north of Stackhouse.
327	3B4545.00	French Broad River at Hot Springs	1,563	Daily	16	Daily	1946	Madison County, lat 35°53'23", long 82°49'16", 0.5 mile above bridge on U. S. Highways 25 and 70 at Hot Springs, 3.1 miles below Big Laurel Creek.
328	3B4546.10	Spring Creek above Hot Springs	71.8	Partial	.....	.....	.....	Madison County, lat 35°53'25", long 82°49'35", 1,000 feet above bridge on U. S. Highway 70 at Hot Springs, 0.6 mile above mouth.
329	3B4555.00	West Fork Pigeon River above Lake Logan, near Hazelwood	27.6	Daily	1	.....	.....	Haywood County, lat 35°23'46", long 82°56'17", at bridge 600 ft above Big Creek, 6.7 miles southeast of Hazelwood.
330	3B4565.00	East Fork Pigeon River near Canton	51 5	Daily	1	.....	.....	Haywood County, lat 35°27'42", long 82°52'12", 800 ft above bridge on U. S. Highway 276, 0.4 mile below Dix Creek, 5.2 miles southwest of Canton.
331	3B4570.00	Pigeon River at Canton	133	Daily	29	.....	.....	Haywood County, lat 35°31'30", long 82°50'28", 0.5 mile above bridge on U. S. Highways 19 and 23 at Canton.
332	3B4573.60	Richland Creek below Hyatt Creek, at Hazelwood	13.2	Partial	.....	.....	.....	Haywood County, lat 35°27'57", long 83°00'41", at Hazelwood, 20 ft below Hyatt Creek.

[a]Monthly discharge only prior to 1908; unpublished daily discharge used in low flow analysis.

Table 5.—Stream-gaging sites and quality-of-water sampling sites—Continued

Index number (pl. 1)	Site number	Gaging site	Drainage area (square miles)	Type and length of record: Discharge: Type	Discharge: Number of years	Chemical quality: Type	Chemical quality: Water year	Location
		TENNESSEE RIVER BASIN--Continued						
333	384575.00	Allen Creek near Hazelwood	14.4	Daily	7	.....	.....	Haywood County, lat 35°25'49", long 83°00'33", 180 ft below Rocky Branch, 3.0 miles above mouth, 3.3 miles south of Hazelwood.
334	384585.00	Pigeon River near Crabtree	243	Daily	9	.....	.....	Haywood County, lat 35°34'38", long 82°57'07", at bridge on State Highway 209, 0.4 mile above Big Branch, 1.9 miles south of Crabtree.
335	384590.00	Jonathan Creek near Cove Creek	65.3	Daily	27	.....	.....	Haywood County, lat 35°37'22", long 83°00'26", 0.7 mile above mouth, 2 miles below Cove Creek and Cove Creek post office.
336	384595.00	Pigeon River near Hepco	350	Daily	29	Monthly	1956	Haywood County, lat 35°38'07", long 82°59'22", 0.8 mile below Jonathan Creek, 2.4 miles above Hepco.
337	384600.00	Cataloochee Creek near Cataloochee	49.2	Daily	19	.....	.....	Haywood County, lat 35°40'02", long 83°04'23", at bridge on State Highway 284, 500 ft above Little Cataloochee Creek, 2 miles north of Cataloochee.
338	384605.00	Pigeon River near Mount Sterling	460	Daily	5	.....	.....	Haywood County, lat 35°43'25", long 83°01'42", 600 ft above Hurricane Creek, 5 miles southeast of Mount Sterling.
339	384620.00	North Toe River at Altapass	104	Daily	22	Daily	1949	Mitchell County, lat 35°53'59", long 82°01'50", 0.1 mile above Rose Creek, 1 mile northwest of Altapass.
340	384635.00	South Toe River at Newdale	60.8	Daily	19	Monthly	1952	Yancey County, lat 35°54'31", long 82°11'29", at bridge on U. S. Highway 19E at Newdale, 1.3 miles above Little Crabtree Creek.
341	384640.00	Cane River near Sioux	157	Daily	23	Daily	1952	Yancey County, lat 36°00'52", long 82°19'40", at bridge on State Highway 26, 1.3 miles above North Toe River, 1.5 miles east of Sioux.
342	384645.00	Nolichucky River at Poplar	608	Daily	31	Daily	1954	Mitchell County, lat 36°04'29", long 82°20'41", at Poplar, 3.9 miles below confluence of North Toe and Cane Rivers.
343	384790.00	Watauga River near Sugar Grove	90.8	Daily	17	Daily	1953	Watauga County, lat 36°14'18", long 81°49'22", 300 ft below Cove Creek, 2.3 miles southwest of Sugar Grove.
344	384795.00	Watauga River at North Carolina-Tennessee State line	152	Daily	7	.....	.....	Watauga County, lat 36°17'25", long 81°55'33", 0.6 mile below North Carolina-Tennessee State line, 1.9 miles below Stone Mountain Branch.
345	384805.00	Elk River near Banner Elk	17.8	Daily	6	.....	.....	Avery County, lat 36°10'07", long 81°54'33", 1 mile below Whitehead Creek, 1.9 miles west of Banner Elk.
346	384810.00	Elk River near Elk Park	42.0	Daily	21	.....	.....	Avery County, lat 36°11'01", long 81°57'45", 1.4 miles below Little Elk Creek, 2.0 miles northeast of Elk Park.
347	385000.00	Little Tennessee River near Prentiss	140	Daily	13	Daily	1953	Macon County, lat 35°08'57", long 83°22'46", 600 ft above Owensby Branch, 2.0 miles north of Prentiss.

348	3B5005.00	Cullasaja River at Highlands.....	14.9	Daily	25	.....	.....	Macon County, lat 35°04'14", long 83°13'57", 0.6 mile below Highlands municipal dam, 2.3 miles northwest of Highlands.
349	3B5010.00	Cullasaja River at Cullasaja.....	86.5	Daily	38	Monthly	1955-56	Macon County, lat 35°09'59", long 83°19'25", at Cullasaja, 1.4 miles below Ellijay Creek, 4.1 miles above mouth.
350	3B5015.00	Little Tennessee River at Franklin.....	295	Daily	7	.....	.....	Macon County, lat 35°11'10", long 83°22'20", at bridge on U. S. Highways 23 and 64, ½ mile northeast of Franklin, 0.8 mile below Cullasaja River.
351	3B5020.00	Little Tennessee River at Iotla.....	323	Daily	16	.....	.....	Macon County, lat 35°13'59", long 83°23'32", 1,000 ft above bridge on State Highway 28 at Iotla, 1,100 ft above Iotla Creek.
352	3B5030.00	Little Tennessee River at Needmore.....	436	Daily	13	.....	.....	Swain County, lat 35°20'11", long 83°31'39", 0.8 mile below DeHart Creek, 0.8 mile north of Needmore.
353	3B5040.00	Nantahala River near Rainbow Springs...	51.9	Daily	16	.....	.....	Macon County, lat 35°07'35", long 83°37'11", 300 ft above Roaring Fork, 5 miles below Rainbow Springs.
354	3B5055.00	Nantahala River at Nantahala.....	144	Daily	14	.....	.....	Swain County, lat 35°17'55", long 83°39'22", 1 mile northeast of Nantahala, 2.3 miles below Rowlin Creek.
355	3B5065.00	Nantahala River at Almond.....	174	Daily	28	.....	.....	Swain County, lat 35°22'52", long 83°33'59", at bridge at Almond, 0.6 mile above mouth.
356	3B5070.00	Little Tennessee River at Judson.....	664	Daily	41	.....	.....	Swain County, lat 35°24'30", long 83°33'26", 0.2 mile below bridge at Judson, 0.2 mile above Greasy Branch.
357	3B5080.00	Tuckasegee River at Tuckasegee.....	143	Daily	22	.....	.....	Jackson County, lat 35°16'55", long 83°07'37", 0.9 mile north of Tuckasegee, 1 mile below West Fork Tuckasegee River.
358	3B5090.00	Scott Creek above Sylva.....	50.7	Daily	15	.....	.....	Jackson County, lat 35°23'02", long 83°12'51", 800 ft below Allens Branch, 0.8 mile above Sylva.
359	3B5095.00	Scott Creek at Sylva.....	55.0	Daily	14	.....	.....	Jackson County, lat 35°22'25", long 83°13'05", below Cope Creek at Sylva.
360	3B5105.00	Tuckasegee River at Dillsboro.....	347	Daily	28	.....	.....	Jackson County, lat 35°21'59", long 83°15'38", 0.4 mile below Scott Creek, 0.5 mile below bridge on U. S. Highway 23 at Dillsboro.
361	3B5106.10	Connelly Creek at Whittier.....	13.5	Partial	.....	.....	.....	Jackson County, lat 35°25'55", long 83°21'42", at Southern Railway bridge 100 ft above mouth, ¼ mile southeast of Whittier.
362	3B5110.00	Oconaluftee River at Cherokee.....	131	Daily	29	Daily	1946	Swain County, lat 35°29'04", long 83°18'56", 0.6 mile north of Cherokee, 1.9 miles above Soco Creek.
363	3B5113.60	Soco Creek near Cherokee.....	43.2	Partial	.....	.....	.....	Jackson County, lat 35°27'42", long 83°19'09", at bridge on U. S. Highway 441, 0.6 mile above mouth, 1.0 mile south of Cherokee.
364	3B5120.00	Oconaluftee River at Birdtown.....	184	Daily	9	Monthly	1950	Swain County, lat 35°27'42", long 83°21'13", 200 ft above bridge, ½ mile south of Birdtown, 0.6 mile below Adams Creek.
365	3B5123.60	Galbreath Creek near Bryson City.....	1.82	Partial	.....	.....	.....	Swain County, lat 35°26'49", long 83°24'03", at Southern Railway bridge 150 ft above mouth, 2.9 miles northeast of Bryson City.
366	3B5127.40	Deep Creek near Bryson City.....	40.2	Partial	.....	Monthly	1951	Swain County, lat 35°27'51", long 83°26'03", 100 ft below Juney Whank Branch, 2.6 miles north of Bryson City.
367	3B5130.00	Tuckasegee River at Bryson City.....	655	Daily	59	Daily	1951	Swain County, lat 35°25'40", long 83°26'50", 400 ft below bridge on State Highway 288 in Bryson City, 0.6 mile below Deep Creek.

Table 5.—Stream-gaging sites and quality-of-water sampling sites—Continued

Index number (pl. 1)	Site number	Gaging site	Drainage area (square miles)	Type and length of record: Discharge: Type	Discharge: Number of years	Chemical quality: Type	Chemical quality: Water year	Location
		TENNESSEE RIVER BASIN--Continued						
368	3B5135.00	Noland Creek near Bryson City	13.8	Daily	21	.....	.....	Swain County, lat 35°29'06", long 83°30'15", 1.1 miles below Mill Creek, 5 miles northwest of Bryson City.
369	3B5140.00	Hazel Creek at Proctor	44.4	Daily	10	.....	.....	Swain County, lat 35°28'38", long 83°42'58", 0.4 mile northeast of Proctor, 1.3 miles below Rowan Branch.
370	3B5150.00	Little Tennessee River at Fontana Dam	1,571	Daily	17	.....	.....	Graham County, lat 35°26'45", long 83°48'20", 0.4 mile below Fontana Dam, 5.3 miles above Twenty Mile Creek.
371	3B5160.00	Snowbird Creek near Robbinsville	42.0	Daily	10	.....	.....	Graham County, lat 35°18'40", long 83°51'35", 0.5 mile above Hooper Branch, 3.1 miles west of Robbinsville.
372	3B5170.00	Cheoah River at Johnson	177	Daily	15	.....	.....	Graham County, lat 35°23'02", long 83°51'49", 200 ft above Gladdens Creek, 0.7 mile south of Johnson.
373	3B5460.00	Shooting Creek near Hayesville	37.6	Daily	15	.....	.....	Clay County, lat 35°01'29", long 83°42'27", 400 ft below Hothouse Branch, 6.5 miles east of Hayesville.
374	3B5470.00	Hiwassee River below Chatuge Dam, near Hayesville	190	Daily	14	Monthly	1947	Clay County, lat 35°01'45", long 83°47'45", 0.4 mile above Hyatt Mill Creek, 1.6 miles below Chatuge Dam, 1.7 miles southeast of Hayesville.
375	3B5480.00	Hiwassee River below Hayesville	252	Daily	11	.....	.....	Clay County, lat 35°04'37", long 83°49'54", ¾ mile below Tusnuitee Creek, 2½ miles northwest of Hayesville.
376	3B5485.00	Hiwassee River above Murphy	406	Daily	59	Monthly	1947	Cherokee County, lat 35°04'50", long 84°00'10", at bridge on U. S. Highway 64, 600 ft above Will Scott Creek, 2 miles east of Murphy.
377	3B5498.20	Hyatt Creek at U. S. Highway 19, at Marble	7.28	Partial	.....	.....	.....	Cherokee County, lat 35°10'48", long 83°55'12", at bridge on U. S. Highway 19, 0.5 mile above mouth, 0.5 mile northeast of Marble.
378	3B5500.00	Valley River at Tomotla	104	Daily	44	Daily	1953	Cherokee County, lat 35°08'20", long 83°58'50", at bridge at Tomotla, 0.2 mile above Rogers Creek.
379	3B5540.00	Nottely River near Ranger	272	Daily	32	.....	.....	Cherokee County, lat 35°01'37", long 84°06'55", 200 ft above bridge on U. S. Highway 64, ⅓ mile below Ranger.
380	3B5550.00	Hiwassee River at Hiwassee Dam	968	Daily	9	.....	.....	Cherokee County, lat 35°08"45, long 84°11'10", 3,500 ft below Hiwassee Dam, 3.2 miles above Shoal Creek.

Table 6 .--Duration of daily flow at stream-gaging sites

[Data are adjusted to period October 1896 to September 1955 on basis of long-term streamflow records. Symbol N, after site name, indicates that although flow is affected by regulation or diversion, data shown represent natural flow]

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average discharge (cfs per square mile)	Flow, in cubic feet per second per square mile, which was equaled or exceeded for indicated percent of time													
				0.5	2	10	30	50	70	80	90	95	98	99	99.5	99.8	99.9
	CHOWAN RIVER BASIN																
3	Ahoskie Creek at Ahoskie.....	64.3	1.18	12.1	6.25	2.43	0.865	0.344	0.096	0.042	0.006	0.002	0	0	0	0	0
	ROANOKE RIVER BASIN																
4	Dan River near Asbury[N].....	71.4	1.87	12.6	7.00	3.26	1.97	1.43	1.04	.835	.630	.520	.410	.340	.297	.256	.225
5	Dan River near Francisco[N].....	124	1.69	10.5	5.85	2.81	1.74	1.29	.944	.786	.613	.504	.395	.323	.274	.229	.195
6	Town Fork Creek at Walnut Cove..	110	1.19	17.1	8.13	2.59	1.08	.642	.411	.311	.213	.156	.109	.085	.068	.052	.043
7	Dan River at Pine Hall.....	481	1.47	10.2	5.45	2.40	1.39	1.00	.740	.600	.450	.350	.260	.210	.....	.....	.....
8	Belews Creek near Pine Hall.....	79.3	1.30	.....	.....	.....	1.18	.720	.475	.360	.248	.181	.118	.083	.060	.038	.027
9	Big Beaver Island Creek near Madison	24	1.58	.....	.....	.....	1.42	.870	.555	.425	.265	.161	.083	.052	.035	.021	.015
10	Mayo River near Price.....	260	1.40	11.0	5.42	2.42	1.42	1.04	.762	.635	.500	.415	.335	.272	.229	.193	.165
11	Hogan Creek near Madison.....	23	1.11	.....	.....	2.30	1.10	.690	.440	.335	.205	.126	.068	.044	.030	.018	.013
12	Dan River near Wentworth.....	1,050	1.30	10.9	5.48	2.33	1.28	.905	.634	.524	.392	.316	.244	.200	.166	.137	.114
13	Dan River at Leaksville.....	1,150	1.29	11.3	5.57	2.35	1.26	.887	.626	.513	.374	.313	.235	.191	.161	.133	.109
14	Smith River at Spray[N].....	538	1.31	10.7	5.45	2.36	1.30	.942	.697	.580	.466	.392	.312	.262	.225	.190	.163
15	Wolf Island Creek near Pelham...	69	.92	.....	.....	.....	.920	.560	.360	.282	.210	.165	.120	.096	.078	.059	.048
16	Hogans Creek near Providence....	96.1	1.10	.....	.....	.....	1.10	.650	.395	.285	.193	.125	.074	.049	.032	.018	.011
17	Moon Creek near Providence.....	38	.94	.....	.....	.....	.940	.575	.365	.278	.200	.146	.097	.070	.050	.032	.022
18	Country Line Creek at Yanceyville	48	1.00	.....	.....	.....	1.00	.565	.325	.230	.144	.098	.061	.043	.031	.....	.....
19	Country Line Creek near Semora..	120	.94	.....	.....	.....	.875	.462	.211	.127	.060	.034	.015	.008	.....	.....	.....
20	North Hyco Creek near Roxboro...	78	.97	.....	.....	.....	.810	.400	.170	.092	.036	.015	.005	.002	.....	.....	.....
21	Smith Creek near Norlina.....	31	1.10	.....	.....	.....	1.08	.730	.495	.400	.258	.154	.023	.002	.....	.....	0
22	Six Pound Creek near Oakville...	12	1.17	.....	.....	2.10	1.14	.810	.585	.490	.352	.274	.198	.158	.127	.096	.084
23	Roanoke River at Roanoke Rapids[N]	8,410	1.08	7.67	4.16	1.91	1.02	.696	.470	.369	.268	.206	.143	.112	.090	.071	.059
24	Roanoke River near Scotland Neck[N]	8,700	1.08	7.67	4.16	1.92	1.02	.695	.470	.369	.268	.206	.142	.112	.090	.071	.059
25	Ready Branch near Williamston...	15.5	.92	7.90	3.95	1.62	.690	.375	.205	.152	.113	.099	.091	.088	.082	.....	.....
	TAR-PAMLICO RIVER BASIN																
27	Shelton Creek near Oxford.....	22.6	1.03	.....	.....	2.22	.870	.410	.150	.068	.020	.006	.001	0	0	0	0

28	Tar River near Tar River[N]	167	.994	10.7	5.57	2.19	.838	.410	.175	.095	.037	.....	.....	.....	.....	.....	.....
29	Tabbs Creek near Kittrell	70	.96	.....	.....	.....	.900	.520	.259	.158	.080	.043	.020	.013	.009	.....	.....
30	Cedar Creek near Louisburg	47.8	1.06	.....	.....	2.15	1.02	.655	.425	.328	.234	.180	.129	.103	.084	.064	.....
31	Crooked Creek near Bunn	31	1.10	.....	.....	.....	1.00	.630	.390	.290	.200	.150	.103	.083	.066	.048	.....
32	Cypress Creek near Bunn	30	1.08	.....	.....	2.45	.970	.550	.297	.192	.108	.064	.032	.020	.012	.006	.....
33	Tar River near Nashville[N]	701	1.12	9.66	5.42	2.38	1.07	.653	.394	.285	.184	.127	.076	.055	.....	.....	.....
34	Sapony Creek near Nashville	64.8	1.20	14.0	6.94	2.62	.988	.525	.216	.108	.036	.014	.004	.002	.001	0	0
35	Sandy Creek near Alert	53.7	1.00	.....	.....	2.05	.980	.630	.390	.280	.180	.120	.072	.050	.036	.024	.020
36	Swift Creek near Red Oak	180	1.21	.....	.....	.....	1.19	.740	.440	.320	.215	.150	.094	.069	.052	.036	.....
37	Fishing Creek near Warrenton	45	1.25	.....	.....	.....	1.22	.750	.440	.305	.190	.125	.073	.050	.036	.023	.018
38	Shocco Creek near Elberon	18	1.12	.....	.....	.....	1.15	.789	.490	.346	.231	.160	.099	.073	.053	.037	.029
39	Fishing Creek near Enfield	521	.981	8.02	4.51	2.04	.956	.585	.345	.246	.158	.107	.065	.046	.033	.022	.018
40	Tar River at Tarboro	2,140	1.10	9.16	5.19	2.34	1.03	.607	.355	.251	.157	.105	.061	.043	.030	.019	.014
41	Town Creek near Pinetops	192	1.00	.....	.....	.....	.960	.470	.170	.086	.033	.015	.007	.004	.002	.001	.0007
44	Grindle Creek near Pactolus	54.7	.90	.....	4.90	1.84	.740	.420	.240	.168	.102	.068	.033	.020	.....	.....	.....
45	Herring Run near Washington	about 15	.767	7.87	3.89	1.47	.555	.280	.141	.099	.071	.061	.055	.053	.049	.....	.....
	NEUSE RIVER BASIN																
46	Eno River at Hillsboro	66.5	1.08	13.7	6.69	2.62	1.07	.586	.310	.215	.123	.078	.043	.024	.013	.004	.....
47	Little River near Orange Factory	81.6	1.10	.....	.....	2.45	.950	.520	.260	.160	.079	.042	.017	.007	.002	.0006	0
48	Flat River at Bahama	150	1.06	11.8	6.07	2.39	.913	.485	.235	.144	.069	.037	.017	.010	.006	.004	.002
49	Dial Creek near Bahama	4.71	1.00	10.2	5.10	2.06	.870	.484	.238	.146	.068	.032	.005	0	0	0	0
52	Beaverdam Creek near Creedmoor	44.1	.94	.....	.....	2.35	.790	.395	.175	.100	.044	.015	.001	0	0	0	0
53	New Light Creek near Purnell	19.3	1.06	.....	.....	2.40	.940	.595	.390	.297	.218	.170	.125	.102	.086	.070	.062
54	Upper Barton Creek near Bayleaf	12.2	1.14	.....	.....	2.25	.930	.490	.270	.196	.130	.092	.066	.052	.044	.037	.034
55	Lower Barton Creek near Bayleaf	13.2	1.14	.....	.....	2.25	.940	.570	.380	.310	.240	.198	.165	.148	.135	.122	.117
56	Horse Creek near Wake Forest	21.0	1.14	.....	6.00	2.38	1.02	.700	.500	.420	.335	.290	.246	.221	.205	.185	.....
58	Peeples Creek near Wake Crossroads	9.9	1.11	.....	.....	2.38	1.00	.680	.480	.395	.310	.264	.208	.174	.....	.....	.....
59	Crabtree Creek near Raleigh	97.5	.98	.....	.....	.....	.760	.355	.178	.115	.068	.048	.032	.026	.021	.017	.015
60	Big Branch near Millbrook	3.78	1.10	.....	.....	.....	.920	.570	.388	.320	.250	.209	.175	.159	.145	.132	.127
61	Big Branch near Garner	12.1	1.10	.....	.....	2.37	.990	.590	.370	.285	.205	.165	.120	.096	.077	.058	.....
62	Poplar Creek near Knightdale	8.6	1.11	.....	.....	2.40	1.02	.680	.470	.385	.310	.268	.228	.201	.179	.150	.....
63	Neuse River near Clayton	1,140	1.10	8.68	4.96	2.26	.965	.618	.368	.268	.172	.124	.084	.068	.056	.045	.039
66	Swift Creek above McCullers[N]	39.9	1.19	.....	.....	.....	.935	.450	.198	.117	.056	.030	.014	.007	.003	.....	0
67	Swift Creek near McCullers[N]	53.9	1.19	.....	5.70	2.45	.990	.570	.310	.200	.105	.059	.028	.016	.....	.....	0
68	Middle Creek near Clayton	80.7	1.21	10.4	5.80	2.48	1.01	.586	.316	.211	.120	.073	.038	.022	.009	.002	0
69	Middle Creek near Smithfield	124	1.23	.....	.....	2.34	1.02	.600	.320	.205	.110	.064	.031	.018	.007	.....	0
70	Black Creek near Four Oaks	79.0	1.20	.....	.....	.....	.990	.530	.223	.108	.028	.005	0	0	0	0	0

Table 6 .—Duration of daily flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average discharge (cfs per square mile)	Flow, in cubic feet per second per square mile, which was equaled or exceeded for indicated percent of time													
				0.5	2	10	30	50	70	80	90	95	98	99	99.5	99.8	99.9
71	Buck Swamp near Dudley.....	17.0	1.18	.....	.....	.....	0.980	0.600	0.358	0.249	0.135	0.067	0.018	0.008	0.004	0.002	.....
72	Little River near Princeton.....	229	1.08	10.8	5.72	2.39	.974	.555	.298	.202	.122	.030	.047	.032	.022	.013	0.008
73	Neuse River near Goldsboro.....	2,390	1.06	6.86	4.10	2.10	.925	.586	.353	.255	.165	.119	.081	.064	.052	.041	.035
74	Stony Creek at Goldsboro.....	21.6	1.10	.....	.....	2.40	.990	.585	.324	.220	.132	.080	.027	.012	.006	.....	.....
75	Bear Creek near La Grange.....	49.2	1.0	.....	.....	.....	.890	.530	.334	.276	.228	.198	.167	.147	.131	.118	.106
76	Falling Creek at Falling Creek..	45.4	1.24	.....	.....	.....	1.18	.690	.385	.270	.164	.110	.065	.046	.033	.023	.....
77	Neuse River at Kinston.....	2,690	1.09	7.81	4.54	2.17	.944	.625	.394	.292	.193	.144	.101	.082	.068	.055	.049
78	Deep Run at Deep Run.....	5.89	1.52	.....	6.63	2.78	1.33	.808	.502	.373	.254	.184	.124	.097	.079	.062	.....
79	Moccasin Creek near Zebulon.....	28.2	1.05	.....	.....	2.14	.380	.510	.275	.180	.086	.042	.016	.007	.....	.....	0
81	Toisnot Swamp near New Hope.....	30	1.09	.....	.....	.....	.....	.580	.365	.285	.213	.170	.125	.105	.089	.072	.....
82	Toisnot Swamp near Stantonsburg.	110	1.05	.....	.....	.....	.950	.550	.295	.130	.092	.052	.025	.015	.....	.....	.....
83	Nahunta Swamp near Shine.....	77.6	1.08	.....	5.41	2.34	.980	.562	.312	.211	.130	.088	.053	.038	.....	.....	.....
84	Nahunta Swamp near Snow Hill....	97.1	1.04	.....	.....	.....	1.00	.580	.330	.225	.135	.090	.051	.037	.027	.019	.014
85	Contentnea Creek at Hookerton...	729	1.04	8.85	5.05	2.28	.995	.579	.326	.228	.140	.095	.058	.043	.033	.024	.019
86	Little Contentnea Creek near Farmville	93.3	1.03	.....	.....	2.50	.920	.445	.192	.100	.039	.016	.004	.001	.....	0	0
88	Core Creek near Fort Barnwell...	59.2	1.12	.....	.....	.....	.910	.435	.205	.130	.069	.041	.021	.014	.009	.....	.....
91	Swift Creek near Vanceboro.....	182	1.09	13.2	6.26	2.34	.857	.415	.188	.114	.055	.030	.011	.004	.001	.....	0
93	Trent River near Trenton.....	168	1.16	12.1	6.34	2.50	.952	.473	.231	.148	.080	.050	.028	.019	.014	.010	.007
95	Upper Broad Creek near Olympia..	21	.97	.....	.....	2.10	.770	.370	.152	.074	.010	.0005	0	0	0	0	0
	WHITE OAK RIVER BASIN																
96	White Oak River at Belgrade.....	53.3	1.60	.....	.....	3.20	1.32	.700	.350	.226	.112	.063	.030	.018	.012	.008	.....
	NEW RIVER BASIN																
97	New River near Gum Branch.....	74.5	1.46	14.5	7.58	2.93	1.21	.651	.356	.250	.156	.106	.067	.050	.040	.030	.022
98	Southwest Creek near Haw.....	35.2	1.10	.....	.....	.....	1.03	.495	.230	.148	.081	.050	.028	.020	.014	.010	.007
99	Northeast Creek near Kellum.....	28.3	1.29	.....	.....	2.60	1.08	.570	.310	.216	.132	.092	.060	.046	.036	.028	.021
	CAPE FEAR RIVER BASIN																
100	Haw River at U. S. Highway 220, near Summerfield	20.2	1.26	.....	.....	.....	1.14	.680	.440	.330	.227	.162	.100	.071	.053	.036	.028
101	Haw River near Benaja.....	168	1.11	10.5	5.46	2.31	1.10	.685	.432	.332	.226	.167	.114	.085	.065	.046	.....
102	Horsepen Creek at Battle Ground.	15.9	1.09	14.5	6.98	2.43	1.04	.610	.384	.296	.212	.168	.130	.109	.094	.077	.067
104	South Buffalo Creek at Willow Road, at Greensboro	29.6	1.15	.....	.....	2.58	1.02	.540	.280	.191	.100	.071	.048	.038	.031	.025	.022
107	Stony Creek near Burlington.....	44.2	1.14	11.4	5.90	2.40	1.04	.516	.205	.103	.029	.010	.002	.0009	0	0	0

108	Buttermilk Creek near Burlington	15	1.14	.....	.....	.....	1.02	.510	.205	.101	.029	.010	.....	.....	0	0	0
109	Jordan Creek near Union Ridge...	23	1.06	.....	.....	2.23	.983	.575	.271	.120	.010	.....	0	0	0	0	0
110	Haw River at Haw River[N].....	599	1.08	13.4	6.71	2.39	.985	.573	.344	.254	.167	.119	.081	.063	.051	.....	.....
111	Little Alamance Creek near Whitsett	38.4	.98	.....	.....	2.18	.870	.460	.265	.180	.110	.072	.043	.028	.019	.011	.008
112	Alamance Creek at Alamance.....	140	1.10	.....	8.00	2.48	.990	.550	.310	.205	.111	.065	.030	.016	.008	0	0
113	Cane Creek near Carrboro.....	34	1.01	.....	.....	2.48	.999	.541	.286	.198	.114	.076	.047	.031	.021	.012	.....
115	Haw River near Pittsboro.....	1,310	1.00	11.3	5.95	2.27	.924	.514	.290	.201	.120	.076	.046	.032	.....	.....	.....
116	New Hope Creek at U. S. Highway 15, near Durham	36	.790	10.3	5.90	2.20	.780	.330	.125	.074	.035	.018	.007	.002	.....	.....	0
117	Morgan Creek near Chapel Hill[N]..	29.1	1.21	15.7	7.18	2.68	1.09	.653	.375	.258	.149	.094	.053	.037	.027	.....	.....
119	West Fork Deep River near High Point	32.1	1.19	17.1	8.13	2.59	1.08	.642	.411	.312	.213	.156	.109	.085	.069	.052	.043
120	East Fork Deep River near High Point	14.7	1.18	16.3	7.62	2.38	1.03	.653	.449	.361	.269	.218	.173	.148	.129	.111	.099
121	Richland Creek near Archdale....	12.7	1.17	.....	.....	2.52	1.05	.590	.370	.280	.190	.144	.105	.086	.072	.058	.050
123	Muddy Creek near Archdale.....	16.2	1.27	18.0	8.83	2.93	1.19	.596	.241	.123	.047	.020	.007	.003	0	0	0
124	Polecat Creek near Climax.....	28.4	1.18	.....	.....	.....	1.02	.540	.285	.178	.084	.035	.007	.001	0	0	0
125	Deep River at Ramseur[N].....	346	1.14	15.6	7.66	2.56	1.03	.578	.321	.217	.124	.078	.....	.....	.....	.....	.....
126	Richland Creek near Asheboro....	34.0	1.32	.....	.....	2.90	1.12	.620	.340	.220	.119	.065	.025	.012	.006	.....	.....
127	Brush Creek near Coldridge.....	66.9	1.13	.....	.....	.....	1.00	.465	.205	.113	.054	.025	.010	.005	.003	.002	.....
128	Fork Creek near Coleridge.....	36.5	.970	.....	.....	.....	.840	.460	.258	.169	.092	.052	.022	.013	.009	.006	.....
129	Bear Creek at Robbins.....	134	1.39	19.6	9.70	3.11	1.18	.634	.346	.224	.122	.066	.026	.012	.006	.002	.0006
130	Rocky River near Liberty.....	4.7	1.2	.....	.....	.....	.....	.....	.288	.210	.118	.062	.020	.007	.002	.....	0
131	Tick Creek near Bonlee.....	19	.840	.....	.....	.....	.....	.335	.130	.068	.027	.010	.003	.001	.0006	0	0
132	Bear Creek near Goldston.....	43	.870	.....	.....	2.35	.610	.210	.073	.037	.013	.005	.001	0	0	0	0
133	Deep River at Moncure[N].....	1,410	1.10	14.0	6.95	2.47	.972	.521	.278	.184	.099	.057	.028	.017	.011	.....	.....
134	Neal Creek near Lillington.....	37.6	1.11	.....	.....	2.20	1.10	.620	.298	.175	.077	.036	.013	.004	.....	.....	0
135	Cape Fear River at Lillington...	3,440	.974	11.4	5.99	2.31	.901	.474	.250	.169	.098	.062	.038	.027	.020	.014	.....
136	Upper Little River near Lillington	180	1.15	.....	.....	.....	1.15	.675	.365	.242	.123	.074	.024	.010	.004	.001	0
137	Crane Creek near Vass.....	32.4	1.10	.....	.....	2.43	1.05	.540	.220	.110	.037	.010	.001	0	0	0	0
138	Little River at Manchester.....	348	1.23	.....	.....	2.44	1.19	.747	.480	.365	.264	.205	.152	.128	.111	.095	.074
139	Little River at Linden.....	460	1.20	10.0	5.59	2.43	1.20	.746	.474	.363	.254	.192	.137	.112	.094	.078	.....
140	Cape Fear River at Fayetteville	4,370	1.08	10.8	5.72	2.29	.984	.549	.309	.220	.140	.096	.064	.049	.039	.029	.024
141	Rockfish Creek at Raeford.....	90.7	1.29	.....	.....	.....	1.29	.990	.335	.750	.650	.580	.510	.455	.425	.390	.343
142	Rockfish Creek near Hope Mills[N]	284	1.38	8.70	4.86	2.22	1.37	1.06	.845	.732	.....	.....	.....	.....	.....	.....	.....
143	Cape Fear River at lock 3, near Tar Heel	4,910	1.04	11.6	6.09	2.33	.983	.582	.353	.268	.184	.140	.101	.083	.070	.057	.052
145	Turnbull Creek near Elizabethtown	71.6	.743	.....	.....	.....	.779	.304	.195	.118	.049	.022	.008	.005	.003	.002	.0009
146	Livingston Creek near Acme.....	90.4	1.12	.....	.....	3.38	1.22	.538	.165	.085	.029	.010	.002	.0009	0	0	0

Table 6.—Duration of daily flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average discharge (cfs per square mile)	Flow, in cubic feet per second per square mile, which was equaled or exceeded for indicated percent of time													
				0.5	2	10	30	50	70	80	90	95	98	99	99.5	99.8	99.9
147	Hood Creek near Leland	21.6	0.960	.....	.....	2.85	1.05	0.500	0.198	0.099	0.027	0.007	0.002	.....	.....	0	0
148	Little Coharie Creek near Roseboro	96.4	1.06	9.02	5.34	2.26	1.07	.638	.365	.254	.135	.074	.035	0.022	0.014	.010	.006
149	Six Runs Creek near Clinton	110	1.00	.....	.....	.....	.950	.500	.250	.134	.043	.012	.001	0	0	0	0
150	Black River near Tomahawk	680	.922	8.06	4.75	2.00	.887	.547	.324	.237	.138	.090	.060	.049	.040	.035	.029
151	South River near Parkersburg	382	.937	9.16	5.29	2.24	.982	.545	.277	.178	.079	.038	.016	.009	.006	.003	.002
152	Colly Creek near Kelly	103	1.00	8.06	5.00	2.35	1.09	.575	.241	.130	.034	.008	.001	0	0	0	0
154	Northeast Cape Fear River near Chinquapin	600	1.02	11.5	6.22	2.42	.955	.470	.227	.148	.083	.052	.030	.021	.016	.011	.008
155	Rockfish Creek near Wallace	63.8	.860	9.80	5.70	2.25	.820	.410	.180	.105	.040	.018	.007	.004	.003	.002	.001
	LOCKWOODS FOLLY RIVER BASIN																
157	Pinch Gut Creek near Bolivia	20.3	.730	.....	.....	.....	.780	.361	.145	.102	.068	.052	.035	.027	.021	.016	.013
	WACCAMAW RIVER BASIN																
158	Waccamaw River at Freeland	706	.805	9.63	5.64	2.35	.878	.399	.149	.084	.034	.014	.003	.001	.0007	0	0
	YADKIN-PEE DEE RIVER BASIN																
159	Yadkin River at Patterson	29	1.81	13.3	7.12	3.04	1.72	1.27	.944	.771	.597	.493	.389	.333	.292	.243	.212
160	Yadkin River near Patterson	75.4	1.83	.....	.....	3.10	1.74	1.28	.950	.780	.600	.480	.385	.334	.290	.242	.210
161	Elk Creek at Elkville	50.9	1.69	.....	.....	2.85	1.59	1.18	.880	.710	.550	.445	.340	.282	.239	.190	.158
162	Stony Fork near Ferguson	35.1	1.72	.....	.....	2.70	1.68	1.29	.990	.850	.690	.580	.478	.425	.380	.321	.290
163	North Prong Lewis Fork Creek at Champion	33.6	1.65	.....	.....	2.62	1.60	1.23	.950	.810	.655	.550	.455	.410	.365	.318	.289
164	South Prong Lewis Fork Creek at Champion	31.2	1.90	.....	.....	2.92	1.84	1.43	1.12	.960	.790	.665	.550	.495	.440	.385	.350
165	Middle Fork Reddies River near Wilbar	13.9	2.45	.....	.....	3.85	2.34	1.80	1.40	1.16	.910	.745	.580	.495	.430	.353	.305
166	Reddies River at North Wilkesboro	93.9	1.65	10.6	5.59	2.64	1.60	1.24	.948	.804	.650	.543	.447	.397	.351	.300	.268
167	Yadkin River at Wilkesboro	493	1.72	11.1	6.17	2.84	1.71	1.29	.986	.834	.669	.570	.467	.412	.363	.316	.284
168	Mulberry Creek near North Wilkesboro	43.0	1.80	.....	.....	2.88	1.74	1.34	1.02	.875	.710	.590	.490	.440	.385	.330	.300
169	Roaring River near Roaring River	122	1.62	.....	.....	2.60	1.58	1.21	.920	.760	.600	.490	.390	.345	.300	.250	.220
170	Bugaboo Creek at Ronda	18	1.24	.....	.....	1.98	1.20	.950	.738	.638	.530	.455	.385	.350	.314	.275	.250
171	Mitchell River near Mountain Park	32.8	1.77	.....	.....	2.78	1.71	1.32	1.03	.890	.720	.605	.500	.450	.400	.347	.310

172	Mitchell River near State Road..	80.4	1.62	.....	.....	2.73	1.61	1.21	.920	.780	.638	.540	.425	.365	.310	.260	.230
173	Fisher River near Copeland.....	121	1.66	12.0	6.47	2.88	1.67	1.24	.909	.757	.584	.471	.350	.287	.237	.189	.164
174	Ararat River at Mount Airy.....	66.6	1.37	.....	.....	.....	1.38	1.02	.750	.615	.470	.370	.268	.215	.175	.137	.117
175	Stewarts Creek near Mount Airy..	89.2	1.47	.....	.....	.....	1.48	1.09	.800	.670	.530	.440	.340	.280	.236	.192	.166
176	Toms Creek at Pilot Mountain....	29.9	1.02	.....	.....	1.75	1.02	.760	.540	.450	.345	.280	.220	.173	.143	.120	.102
177	Little Yadkin River near Donnaha	59.7	.820	.....	.....	.....	.830	.603	.430	.346	.262	.208	.155	.115	.091	.073	.059
178	Forbush Creek near Yadkinville..	21.7	1.20	12.4	5.99	2.21	1.13	.765	.544	.442	.327	.258	.171	.123	.094	.067	.053
179	South Deep Creek at Shacktown...	65.9	1.32	.....	.....	2.45	1.24	.860	.605	.490	.355	.289	.223	.188	.154	.128	.110
180	North Deep Creek near Yadkinville	35	1.22	.....	.....	2.23	1.15	.780	.540	.430	.305	.233	.151	.112	.089	.065	.053
181	Muddy Creek near Clemmons.....	105	1.24	.....	8.25	2.66	1.14	.719	.502	.396	.280	.211	.148	.115	.090	.067	.053
182	South Fork Muddy Creek near Winston-Salem	38.5	1.23	.....	.....	2.74	1.12	.702	.500	.415	.340	.282	.240	.215	.192	.176	.163
183	Reedy Creek near Yadkin College	13.3	1.07	15.3	7.80	2.60	1.03	.600	.375	.270	.173	.110	.066	.048	.036	.026	.....
184	Yadkin River at Yadkin College..	2,280	1.42	11.1	5.75	2.41	1.42	1.07	.825	.702	.566	.469	.386	.333	.294	.254	.228
185	Dutchmans Creek near Cornatzer..	83.6	1.25	.....	.....	2.55	1.19	.720	.460	.330	.205	.145	.077	.049	.032	.020	.013
186	South Yadkin River near Statesville	77.0	1.35	.....	.....	.....	1.30	.955	.710	.585	.440	.365	.282	.243	.203	.168	.145
187	Rocky Creek at Turnersburg.....	102	1.27	9.56	5.25	2.18	1.24	.892	.657	.549	.431	.363	.284	.243	.207	.173	.147
188	Fifth Creek near Statesville....	27.0	1.21	.....	.....	.....	1.18	.840	.610	.500	.385	.320	.249	.209	.178	.144	.120
189	South Yadkin River near Mocksville	313	1.18	9.74	5.11	2.04	1.14	.824	.613	.511	.396	.332	.264	.227	.196	.166	.147
190	Hunting Creek near Harmony.....	153	1.51	10.6	5.39	2.30	1.35	1.01	.765	.641	.510	.435	.356	.307	.268	.234	.209
191	Bear Creek at Mocksville.....	23.3	1.27	.....	.....	2.18	1.22	.860	.560	.405	.238	.150	.075	.044	.026	.013	.007
192	South Yadkin River at Cooleemee[N]	569	1.30	10.1	5.45	2.16	1.21	.866	.650	.522	.401	.....	.....	.....	.....	.....	.....
193	Third Creek Subwatershed No. 7A near Stony Point[N]	4.84	1.29	.....	.....	2.07	1.25	.940	.715	.610	.510	.450	.404	.379	.353	.331	.317
194	Third Creek Subwatershed No. 21 (1L Creek) at Troutman[N]	1.62	1.22	.....	.....	2.08	1.16	.840	.630	.515	.392	.316	.240	.198	.164	.132	.112
195	Third Creek at Cleveland.....	87.4	1.18	11.2	5.26	2.01	1.11	.795	.593	.486	.378	.315	.253	.216	.188	.162	.144
196	Fourth Creek at Statesville.....	15.8	1.20	.....	.....	2.03	1.17	.850	.635	.540	.430	.370	.300	.262	.229	.196	.171
197	North Second Creek near Barber..	120	1.14	.....	7.20	2.53	1.10	.680	.475	.380	.290	.230	.171	.149	.129	.111	.093
198	Grants Creek at Salisbury.....	39	1.15	.....	.....	2.03	1.07	.710	.490	.375	.268	.211	.159	.127	.105	.086	.073
199	Yadkin River near Salisbury[N]....	3,470	1.20	10.7	5.39	2.30	1.27	.922	.674	.565	.452	.378	.308	.267	.234	.199	.178
200	Swearing Creek at Linwood.....	35.3	1.15	.....	.....	2.75	1.09	.642	.440	.327	.234	.170	.117	.095	.078	.063	.....
201	South Second Creek near Liberty	33	1.26	.....	.....	2.60	1.13	.640	.345	.235	.150	.110	.079	.066	.057	.....	.....
202	Abbotts Creek near Wallburg.....	33.3	1.18	17.8	8.30	2.60	1.08	.630	.400	.300	.205	.152	.108	.082	.065	.049	.040
203	Abbotts Creek near Thomasville..	65.9	1.18	17.3	8.13	2.59	1.08	.641	.411	.311	.212	.156	.109	.085	.068	.052	.043
204	Rich Fork near Holly Grove.....	48.2	1.13	.....	.....	.....	1.08	.580	.325	.223	.132	.080	.042	.029	.021	.014	.....
205	Abbotts Creek at Lexington.....	174	1.16	15.0	8.10	2.82	1.10	.586	.328	.224	.133	.080	.042	.029	.021	.014	.009
206	Fourmile Branch near Southmont..	14.3	.920	.....	.....	2.70	.870	.280	.073	.023	.003	0	0	0	0	0	0

Table 6.—Duration of daily flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average discharge (cfs per square mile)	Flow, in cubic feet per second per square mile, which was equaled or exceeded for indicated percent of time													
				0.5	2	10	30	50	70	80	90	95	98	99	99.5	99.8	99.9
207	Yadkin River at High Rock[N].....	4,000	1.22	10.9	5.50	2.30	1.28	0.925	0.662	0.538	0.412	0.338	0.268	0.230	0.198	0.165	0.145
208	Uwharrie River near Trinity.....	11.3	1.12	14.6	7.08	2.39	1.01	.565	.283	.181	.090	.048	.021	.010	.....	.....	0
209	Uwharrie River near Asheboro....	37	1.03	.....	.....	2.33	.914	.493	.267	.174	.097	.052	.021	.012	.008	.005	.003
210	Uwharrie River near Eldorado[N]...	347	1.18	17.6	8.79	2.71	1.04	.548	.294	.192	.105	.....	.....	.....	.....	.....	.....
211	Clarke Creek near Harrisburg....	21.8	1.03	.....	.....	2.04	.910	.535	.330	.240	.160	.119	.084	.065	.052	.041	.033
212	Rocky River near Roberta Mill...	87.9	1.32	.....	.....	.....	1.19	.740	.460	.340	.225	.158	.100	.075	.058	.041	.....
213	Mallard Creek at Harrisburg.....	41.2	1.28	.....	.....	2.55	1.15	.740	.435	.295	.170	.100	.044	.025	.014	.005	.003
214	Coddle Creek near Concord.....	57	1.28	.....	.....	.....	1.15	.750	.495	.380	.270	.203	.143	.111	.088	.063	.053
215	Reedy Creek at Rocky River.....	30.8	1.25	.....	6.90	2.40	1.13	.760	.510	.380	.250	.162	.078	.047	.028	.014	.010
216	Rocky River near Concord.....	402	1.27	.....	.....	.....	1.11	.650	.410	.302	.205	.155	.104	.082	.....	.....	.....
217	Dutch Buffalo Creek at Mount Pleasant	64.1	1.23	.....	.....	.....	1.08	.540	.290	.174	.100	.067	.038	.024	.....	.....	.....
218	Big Bear Creek near Richfield...	55.7	1.28	16.9	7.99	2.68	1.15	.643	.316	.176	.077	.037	.014	.007	.004	.....	.....
220	Richardson Creek near Wingate...	98.2	1.20	.....	.....	.....	.950	.360	.140	.084	.039	.022	.011	.007	.005	.003	.002
221	Richardson Creek near Marshville[N]	170	1.22	18.5	9.00	2.60	.820	.370	.133	.060	.....	.....	.....	.....	.....	.....	.....
222	Rocky River near Norwood.....	1,370	1.25	16.5	8.91	3.01	.920	.447	.226	.155	.091	.064	.045	.036	.030	.025	.021
223	Little Brown Creek near Polkton	13.5	1.32	.....	9.19	2.76	.844	.307	.079	.022	.003	0	0	0	0	0	0
224	Brown Creek near Polkton.....	110	1.22	18.4	9.14	2.77	.855	.314	.101	.040	.010	.002	0	0	0	0	0
226	Little River near Star.....	105	1.26	16.8	8.48	2.94	1.29	.757	.446	.310	.183	.107	.042	.019	.009	.003	.0009
227	Big Mountain Creek near Ellerbe	33.4	1.6	.....	.....	2.19	.970	.611	.407	.311	.223	.165	.111	.087	.071	.055	.046
228	Cartledge Creek near Rockingham	31.4	1.57	.....	.....	.....	1.50	.840	.405	.240	.094	.031	.004	0	0	0	0
229	Pee Dee River near Rockingham[N]	6,870	1.08	12.1	5.17	2.07	1.07	.757	.539	.441	.341	.274	.214	.178	.148	.121	.104
230	Falling Creek near Rockingham...	6.50	1.57	.....	.....	.....	1.54	1.12	.840	.710	.550	.445	.345	.295	.261	.226	.212
231	South Fork Jones Creek at U. S. Highway 52 near Morven	35	1.82	.....	.....	.....	2.00	1.04	.490	.260	.097	.017	.003	0	0	0	0
232	North Fork Jones Creek near Wadesboro[N]	10.0	1.51	19.1	9.75	3.39	1.31	.763	.429	.286	.157	.090	.039	.....	.....	.....	.....
233	Marks Creek near Osborne.....	29.2	1.34	.....	.....	.....	1.31	.950	.655	.500	.335	.240	.153	.117	.091	.068	.056
234	Gum Swamp Creek near Laurinburg	41.1	1.39	.....	.....	.....	.....	1.15	.941	.856	.756	.682	.603	.566	.529	.492	.460
235	Big Shoe Heel Creek near Laurinburg	81.6	1.14	.....	.....	1.91	1.12	.826	.621	.533	.425	.350	.274	.237	.211	.178	.161
236	Drowning Creek at Jackson Springs	32.1	1.63	.....	.....	.....	1.62	1.22	.917	.779	.603	.461	.309	.233	.189	.142	.118

237	Deep Creek near Roseland.....	18.9	1.72	.....	.....	2.70	1.66	1.26	1.01	.868	.725	.619	.497	.439	.392	.344	.299
238	Drowning Creek near Hoffman.....	178	1.54	9.47	5.34	2.58	1.52	1.11	.831	.691	.545	.438	.331	.275	.237	.197	.174
240	Lumber River near Pembroke.....	421	1.38	.....	.....	.....	.....	1.13	.865	.750	.595	.495	.390	.337	.300	.255	.221
241	Little Raft Swamp at Red Springs[N]	23.1	.983	10.5	5.54	2.04	.922	.558	.346	.260	.178	.131	.087	.....	.....	.....	.....
242	Raft Swamp near Lumberton.....	107	.510	.....	.....	.....	.590	.355	.221	.172	.118	.085	.055	.040	.030	.017	.....
243	Big Swamp near Tarheel.....	225	.540	.....	.....	.....	.520	.330	.210	.160	.108	.076	.045	.029	.019	.008	.001
244	Lumber River at Boardman.....	1,220	.918	6.66	4.24	2.01	1.03	.678	.453	.366	.269	.211	.157	.132	.116	.098	.083
	CATAWBA - SANTEE RIVER BASIN																
245	Catawba River at Old Fort.....	14	2.44	.....	.....	4.60	2.30	1.53	1.03	.790	.550	.405	.282	.222	.175	.133	.111
246	Mill Creek at Old Fort.....	20.7	1.88	.....	.....	3.48	1.78	1.22	.840	.660	.480	.369	.270	.220	.180	.145	.124
247	Curtis Creek near Old Fort.....	17.3	2.35	.....	.....	.....	2.22	1.49	1.01	.775	.555	.415	.300	.245	.200	.158	.132
248	Catawba River near Old Fort.....	57.1	1.88	.....	.....	3.48	1.78	1.22	.860	.700	.530	.420	.322	.270	.228	.189	.165
249	Catawba River near Marion[N].....	171	2.00	14.0	8.01	3.68	2.13	1.55	1.13	.924	.....	.....	.....	.....	.....	.....	.....
250	North Fork Catawba River at Pitts	33.0	1.75	.....	.....	.....	1.64	1.09	.700	.515	.340	.245	.165	.130	.100	.076	.063
251	North Muddy Creek near Nebo.....	43	1.24	.....	.....	2.20	1.24	.920	.690	.580	.455	.380	.300	.258	.222	.194	.163
252	Muddy Creek at Bridgewater.....	99.1	1.71	.....	.....	2.85	1.61	1.20	.910	.740	.575	.480	.375	.325	.282	.237	.208
253	Mill Timber Creek at Crossnore..	4.01	2.57	.....	.....	.....	2.49	1.80	1.32	1.06	.824	.670	.531	.460	.393	.....	.....
254	Linville River at Branch.....	67.2	2.50	24.1	12.4	4.73	2.37	1.60	1.07	.826	.588	.445	.321	.260	.211	.168	.142
255	Silver Creek near Glen Alpine...	25.9	1.75	.....	.....	.....	1.66	1.18	.860	.720	.585	.500	.410	.365	.325	.282	.257
256	Warrior Fork near Morganton.....	81.9	1.69	.....	.....	.....	1.60	1.11	.765	.603	.445	.345	.260	.216	.180	.148	.128
257	Catawba River near Morganton....	677	1.70	.....	6.94	2.79	1.52	1.08	.782	.642	.493	.406	.....	.....	.....	.....	.....
258	Johns River at Collettsville....	69.0	1.99	.....	9.00	3.50	1.87	1.33	.960	.750	.510	.375	.255	.198	.159	.116	.092
259	Wilson Creek at Adako.....	68.1	2.22	.....	.....	.....	2.10	1.50	1.09	.860	.650	.530	.405	.340	.292	.240	.205
260	Lower Creek at Lenoir.....	13.8	1.45	.....	.....	2.44	1.37	1.00	.740	.600	.450	.360	.256	.201	.162	.118	.089
261	Lower Little River near All Healing Springs	31.2	1.31	9.36	4.87	2.16	1.26	.913	.673	.551	.423	.346	.274	.235	.197	.163	.142
262	Lyle Creek at Catawba.....	70.7	1.46	.....	.....	2.48	1.38	.990	.740	.605	.475	.395	.320	.272	.238	.205	.182
264	Mountain Creek near Terrell.....	42.4	1.24	.....	.....	.....	1.18	.870	.619	.480	.350	.275	.205	.166	.135	.112	.094
265	Davidson Creek near Cornelius...	38	.970	.....	.....	.....	1.05	.655	.410	.303	.201	.148	.102	.078	.062	.048	.040
266	Dutchmans Creek near Stanley....	112	1.05	.....	.....	.....	1.14	.750	.490	.370	.255	.190	.130	.098	.079	.056	.044
267	Long Creek near Thrift.....	22.0	1.23	.....	.....	2.60	1.10	.660	.380	.254	.148	.096	.055	.038	.026	.016	.012
269	Jacob Fork near Startown.....	100	2.20	.....	.....	.....	2.08	1.43	1.00	.800	.600	.485	.385	.330	.285	.242	.218
270	Maiden Creek at Maiden.....	14.3	1.48	.....	.....	2.52	1.40	1.00	.760	.635	.505	.425	.350	.300	.265	.233	.205
271	Clark Creek at Lincolnton.....	92.2	1.23	.....	.....	2.12	1.15	.820	.600	.485	.365	.300	.231	.190	.165	.142	.125
273	Indian Creek near Laboratory....	68.4	1.40	16.1	7.82	2.89	1.50	1.03	.716	.558	.402	.310	.228	.181	.149	.117	.099
274	Long Creek near Bessemer City...	31.4	1.24	14.7	7.07	2.71	1.22	.783	.506	.....	.....	.....	.....	.....	.....	.....	.....
276	Crowders Creek near Gastonia....	70.6	1.28	.....	.....	.....	1.36	.930	.610	.460	.315	.232	.162	.124	.098	.074	.060
277	Little Sugar Creek near Charlotte[N]	41.0	1.33	18.6	8.89	2.70	1.20	.761	.490	.372	.....	.....	.....	.....	.....	.....	.....
278	McAlpine Creek near Pineville...	91.7	1.21	.....	.....	2.70	1.09	.590	.290	.175	.086	.046	.017	.007	.002	0	0

Table 6 .—Duration of daily flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average discharge (cfs per square mile)	Flow, in cubic feet per second per square mile, which was equaled or exceeded for indicated percent of time													
				0.5	2	10	30	50	70	80	90	95	98	99	99.5	99.8	99.9
279	Twelve Mile Creek near Waxhaw...	72.4	1.42	.....	.....	.....	1.02	0.435	0.189	0.100	0.044	0.018	0.005	0.002	0	0	0
281	Cove Creek near Lake Lure.....	77.0	1.53	9.87	5.48	2.54	1.54	1.18	.922	.792	.643	.545	.448	.390	.344	.294	.262
282	Mountain Creek near Rutherfordton	40.6	1.50	.....	.....	.....	1.50	1.19	.950	.830	.688	.590	.495	.435	.390	.338	.305
284	White Oak Creek near Collinsville	37.1	1.68	.....	.....	.....	1.68	1.31	1.03	.900	.740	.625	.520	.455	.405	.350	.313
285	Second Broad River near Logan...	35.7	1.33	.....	.....	2.30	1.32	1.02	.750	.620	.505	.415	.340	.290	.....	.....	.....
286	Second Broad River near Bostic..	170	1.12	.....	.....	.....	1.12	.850	.650	.555	.450	.380	.315	.275	.242	.210	.190
288	Broad River near Boiling Springs[N]	864	1.79	11.8	6.80	3.12	1.83	1.36	1.01	.856	.671	.....	.....	.....	.....	.....	.....
289	Sandy Run Creek near Boiling Springs	67	1.41	.....	.....	2.72	1.39	.996	.731	.613	.498	.425	.351	.312	.279	.243	.224
290	First Broad River near Casar....	59.5	1.53	.....	.....	2.97	1.54	1.09	.828	.680	.531	.435	.347	.295	.260	.222	.200
291	First Broad River near Lawndale[N]	198	1.54	14.4	7.17	2.84	1.48	1.05	.758	.656	.500	.....	.....	.....	.....	.....	.....
292	Buffalo Creek near Waco.....	43.5	1.41	.....	.....	2.90	1.50	1.05	.730	.570	.390	.285	.197	.150	.119	.089	.072
293	North Pacolet River near Tryon[N]	43.6	2.05	.....	.....	3.62	2.15	1.64	1.25	1.08	.880	.740	.600	.510	.435	.....	.....
	NEW - KANAWHA RIVER BASIN																
294	Middle Fork South Fork New River near Blowing Rock	8.93	3.18	.....	.....	.....	3.00	2.08	1.41	1.12	.822	.640	.491	.416	.354	.299	.267
295	Howard Creek at Sands.....	10	2.32	.....	.....	3.60	2.20	1.64	1.20	.990	.780	.640	.520	.460	.405	.348	.315
296	South Fork New River near Jefferson	207	2.22	12.0	6.92	3.48	2.09	1.58	1.16	.966	.783	.652	.546	.488	.435	.383	.351
297	South Fork New River near Crumpler	325	2.50	.....	.....	3.80	2.32	1.70	1.28	1.04	.860	.730	.590	.520	.460	.400	.....
298	North Fork New River at Creston	63.1	2.15	.....	.....	.....	2.01	1.48	1.09	.890	.720	.610	.505	.450	.400	.355	.320
299	North Fork New River near Warrensville	113	2.23	.....	.....	3.46	2.16	1.60	1.18	1.00	.800	.650	.500	.425	.355	.294	.256
300	North Fork New River at Crumpler	277	1.97	13.1	7.33	3.38	1.82	1.26	.874	.693	.538	.437	.343	.296	.255	.217	.190
301	Little River near Sparta.....	19.3	2.37	.....	.....	.....	2.23	1.72	1.29	1.08	.880	.720	.600	.530	.465	.400	.362
	TENNESSEE RIVER BASIN																
302	French Broad River at Rosman....	67.9	3.74	21.1	12.7	6.18	3.68	2.80	2.06	1.71	1.38	1.13	.913	.807	.692	.592	.523
303	French Broad River at Calvert...	103	3.59	21.4	12.8	6.21	3.69	2.82	2.09	1.75	1.39	1.14	.951	.806	.689	.582	.510
304	Catheys Creek near Brevard.....	11.7	3.29	18.1	11.2	5.47	3.32	2.55	1.90	1.62	1.32	1.10	.906	.803	.700	.598	.530
305	Davidson River near Davidson River	31.0	3.81	.....	.....	7.10	4.10	2.80	2.00	1.60	1.25	.....	.....	.....	.....	.....	.....

306	Davidson River near Brevard.....	40.4	3.27	21.0	12.2	5.59	3.24	2.40	1.72	1.41	1.13	.901	.698	.599	.505	.423	.354
308	Crab Creek near Penrose.....	10.9	2.73	16.5	9.91	4.70	2.79	2.11	1.60	1.38	1.14	.954	.812	.716	.628	.546	.490
309	French Broad River at Blantyre..	296	3.24	18.9	12.2	5.91	3.44	2.64	1.89	1.59	1.27	1.03	.811	.692	.568	.466	.399
310	Boylston Creek near Horseshoe...	14.8	2.40	15.7	8.85	3.38	2.38	1.86	1.42	1.20	.980	.824	.696	.615	.534	.466	.412
311	South Fork Mills River at The Pink Beds	9.99	3.10	25.4	14.1	5.88	3.15	2.28	1.47	1.12	.780	.550	.380	.300	.....	.....	.....
312	Mills River near Mills River[N]...	66.7	2.61	15.7	9.43	4.51	2.68	2.01	1.44	1.18	.910	.724	.570	.484	.403	.334	.....
313	Clear Creek near Hendersonville	42.2	1.78	18.5	7.25	3.13	1.82	1.37	1.02	.855	.688	.543	.438	.374	.318	.270	.232
314	Mud Creek at Naples.....	109	1.98	18.5	8.67	3.52	2.02	1.51	1.12	.959	.761	.619	.491	.419	.358	.295	.255
315	Cane Creek at Fletcher.....	63.1	1.28	11.1	5.86	2.30	1.27	.951	.681	.555	.444	.356	.285	.238	.198	.163	.143
316	French Broad River at Bent Creek	676	2.59	16.3	9.39	4.47	2.65	2.00	1.49	1.25	.984	.814	.651	.565	.481	.411	.362
317	Hominy Creek at Candler.....	79.8	1.20	7.83	4.51	2.06	1.20	.883	.658	.564	.441	.361	.291	.248	.212	.180	.158
320	Beetree Creek near Swannanoa....	5.46	2.22	18.9	10.3	4.19	2.14	1.34	.811	.580	.370	.254	.168	.132	.102	.077	.062
322	French Broad River at Asheville	945	2.20	13.5	8.10	3.88	2.30	1.71	1.29	1.08	.846	.695	.550	.471	.402	.339	.296
323	Sandymush Creek near Alexander..	79.5	.815	10.1	3.92	1.55	.824	.576	.400	.325	.244	.191	.143	.114	.092	.071	.058
324	Ivy River near Marshall.....	158	1.09	10.5	5.51	2.08	1.00	.646	.430	.335	.239	.178	.127	.104	.084	.066	.055
325	French Broad River at Marshall..	1,332	1.86	.....	6.83	3.26	1.91	1.44	1.07	.893	.691	.563	.439	.369	.312	.260	.225
326	Big Laurel Creek near Stackhouse	126	1.63	14.1	7.82	3.11	1.56	1.05	.722	.571	.413	.317	.234	.192	.157	.127	.106
327	French Broad River at Hot Springs	1,563	1.75	.....	6.51	3.03	1.79	1.34	.989	.798	.625	.504	.396	.338	.284	.236	.207
328	Spring Creek above Hot Springs..	71.8	1.17	.....	.....	2.38	1.13	.735	.489	.380	.266	.202	.137	.105	.079	.058	.044
329	West Fork Pigeon River above Lake Logan, near Hazelwood	27.6	4.31	.....	18.6	7.90	4.28	2.96	2.06	1.63	1.24	.971	.739	.609	.504	.402	.331
330	East Fork Pigeon River near Canton	51.5	2.94	.....	12.7	5.38	2.91	2.02	1.40	1.11	.844	.661	.503	.414	.343	.274	.222
332	Richland Creek below Hyatt Creek, at Hazelwood	13.2	2.19	.....	8.30	3.90	2.22	1.53	1.07	.890	.690	.560	.450	.390	.335	.237	.253
335	Jonathan Creek near Cove Creek..	65.3	2.17	15.6	8.27	3.92	2.20	1.52	1.06	.880	.686	.553	.447	.384	.334	.283	.251
337	Cataloochee Creek near Cataloochee	49.2	2.36	20.2	10.6	4.65	2.52	1.67	1.15	.904	.687	.549	.443	.380	.323	.276	.244
339	North Toe River at Altapass.....	104	2.16	13.7	8.05	3.68	2.12	1.56	1.13	.911	.705	.570	.438	.375	.320	.267	.....
340	South Toe River at Newdale.....	60.8	3.29	25.0	14.1	6.05	3.21	2.20	1.50	1.16	.831	.637	.469	.....	.....	.....	.....
341	Cane River near Sioux[N].....	157	1.79	13.7	7.45	3.14	1.68	1.16	.809	.643	.478	.376	.283	.....	.....	.....	.....
342	Nolichucky River at Poplar.....	608	1.95	14.3	7.68	3.26	1.83	1.32	.954	.752	.576	.465	.365	.316	.273	.232	.....
343	Watauga River near Sugar Grove..	90.8	2.13	16.9	8.92	3.79	1.95	1.30	.851	.646	.466	.358	.262	.217	.177	.143	.123
344	Watauga River at North Carolina-Tennessee State line	152	2.16	.....	.....	3.85	1.96	1.30	.842	.628	.441	.326	.226	.181	.143	.110	.092
345	Elk River near Banner Elk[N].....	17.8	2.50	22.7	12.1	4.88	2.50	1.65	1.10	.837	.584	.....	.....	.....	.....	.....	.....
346	Elk River near Elk Park.....	42.0	2.28	16.7	9.52	4.31	2.21	1.48	.976	.738	.528	.400	.290	.236	.190	.152	.....
347	Little Tennessee River near Prentiss	140	2.89	18.2	10.5	5.29	3.13	2.16	1.55	1.26	.971	.807	.664	.576	.514	.443	.398
349	Cullasaja River at Cullasaja....	86.5	2.77	19.1	11.0	5.18	2.94	2.01	1.41	1.12	.824	.668	.526	.448	.385	.325	.286
350	Little Tennessee River at Franklin	295	2.85	.....	10.5	5.20	2.95	1.98	1.39	1.12	.860	.720	.590	.520	.470	.410	.370

Table 6.—Duration of daily flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average discharge (cfs per square mile)	Flow, in cubic feet per second per square mile, which was equaled or exceeded for indicated percent of time													
				0.5	2	10	30	50	70	80	90	95	98	99	99.5	99.8	99.9
351	Little Tennessee River at Iotla[N]	323	2.63	17.2	10.2	4.92	2.88	2.01	1.41	1.15	0.882	0.728	0.594	.....	.....	.....	.....
352	Little Tennessee River at Needmore[N]	436	2.59	17.2	9.63	4.75	2.80	1.94	1.35	1.10	.849	.695	.573	0.502	0.440	0.383	0.344
353	Nantahala River near Rainbow Springs	51.9	4.08	25.4	14.8	7.51	4.47	3.12	2.16	1.74	1.36	1.13	.934	.819	.728	.632	.572
355	Nantahala River at Almond[N].....	174	3.15	.....	11.4	5.72	3.25	2.22	1.55	1.26	1.00	.860	.720	.650	.590	.525	.480
356	Little Tennessee River at Judson[N]	664	2.53	14.4	8.71	4.23	2.58	1.88	1.36	1.11	.886	.746	.620	.544	.480	.417	.372
357	Tuckasegee River at Tuckasegee[N]	143	3.11	19.4	11.4	5.38	3.04	2.17	1.55	1.24	.951	.783	.626	.559	.482	.....	.....
358	Scott Creek above Sylva.....	50.7	2.29	13.6	7.89	3.91	2.33	1.71	1.25	1.04	.824	.710	.607	.556	.509	.460	.428
360	Tuckasegee River at Dillsboro[N]..	347	2.42	14.0	8.36	4.01	2.37	1.76	1.31	1.07	.836	.697	.550	.481	.418	.....	.....
361	Connelly Creek at Whittier.....	13.5	1.65	.....	7.65	3.30	1.70	1.14	.820	.690	.560	.481	.410	.379	.340	.308	.285
362	Oconaluftee River at Cherokee...	131	3.19	24.0	12.7	5.80	3.24	2.27	1.56	1.27	.954	.763	.622	.544	.466	.405	.360
363	Soco Creek near Cherokee.....	43.2	2.26	.....	.....	.....	2.30	1.56	1.08	.890	.690	.560	.455	.400	.345	.300	.267
364	Oconaluftee River at Birdtown...	184	2.83	21.2	11.6	5.33	3.02	2.04	1.40	1.11	.848	.696	.565	.497	.435	.375	.337
365	Galbreath Creek near Bryson City	1.82	.....	.....	.....	.....	.....	.....	.....	.....	1.03	.785	.600	.480	.390	.315	.264
366	Deep Creek near Bryson City.....	40.2	3.13	.....	12.6	6.00	3.32	2.20	1.49	1.19	.880	.695	.540	.435	.360	.....	.....
367	Tuckasegee River at Bryson City[N]	655	2.42	14.1	8.50	4.11	2.49	1.82	1.34	1.10	.862	.713	.....	.....	.....	.....	.....
368	Noland Creek near Bryson City...	13.8	3.55	27.7	15.1	6.99	3.80	2.43	1.57	1.22	.855	.638	.464	.359	.280	.210	.168
369	Hazel Creek at Proctor.....	44.4	3.06	24.3	12.7	5.81	3.24	2.15	1.46	1.14	.833	.642	.507	.428	.360	.297	.257
370	Little Tennessee River at Fontana Dam[N]	1,571	2.48	.....	.....	.....	2.54	1.85	1.34	1.08	.855	.720	.590	.515	.450	.....	.....
371	Snowbird Creek near Robbinsville	42.0	3.83	24.3	14.8	7.33	4.19	2.81	1.88	1.50	1.14	.933	.757	.657	.583	.495	.443
372	Cheoah River at Johnson[N].....	177	3.05	.....	12.1	5.52	2.99	2.00	1.37	1.07	.825	.667	.531	.462	.397	.....	.....
373	Shooting Creek near Hayesville..	37.6	2.47	16.0	9.52	4.63	2.66	1.77	1.21	.944	.705	.566	.457	.396	.354	.309	.277
375	Hiwassee River below Hayesville[N]	252	2.83	16.5	9.56	4.48	2.66	1.84	1.28	1.03	.802	.667	.552	.484	.425	.371	.332
376	Hiwassee River above Murphy[N]....	406	2.18	17.9	9.86	4.32	2.35	1.56	1.08	.855	.653	.532	.428	.361	.316	.271	.236
377	Hyatt Creek at U. S. Highway 19, at Marble	7.28	2.48	.....	.....	.....	2.65	1.78	1.21	.940	.700	.565	.460	.400	.360	.318	.286
378	Valley River at Tomotla.....	104	2.47	21.0	11.5	5.02	2.57	1.61	1.01	.760	.553	.442	.346	.293	.253	.213	.187
379	Nottely River near Ranger[N].....	272	1.91	14.0	7.79	3.61	2.10	1.44	1.07	.875	.691	.592	.471	.401	.341	.276	.236
380	Hiwassee River at Hiwassee Dam[N]	968	2.38	16.8	9.10	4.25	2.48	1.68	1.14	.900	.690	.570	.460	.390	.340	.290	.....

Table 7.--Duration of daily flow at stream-gaging sites where flow is affected by regulation

[Data are computed from indicated water years of continuous record during the period flow was affected by regulation]

Index number (pl. 1)	Gaging site	Period (water years)	Flow, in cubic feet per second, which was equaled or exceeded for indicated percent of time													
			0.5	2	10	30	50	70	80	90	95	98	99	99.5	99.8	99.9
	ROANOKE RIVER BASIN															
5	Dan River near Francisco.....	1939-56	1,000	540	275	195	154	127	110	89	73	62	56	52	.....	.....
	YADKIN - PEE DEE RIVER BASIN															
207	Yadkin River at High Rock.....	1943-56	29,200	14,200	6,620	4,880	4,000	2,970	2,200	750	64.5	34.5	27.5	22.3	17.4	14.7
229	Pee Dee River near Rockingham.....	1929-56	64,000	34,000	13,300	7,300	5,400	4,000	3,160	2,050	1,130	520	325	250	200	170
	CATAWBA - SANTEE RIVER BASIN															
263	Catawba River at Catawba.....	1936-55	11,800	6,100	3,820	2,600	1,890	1,220	740	256	170	146	136	127	.....	.....
280	Broad River near Chimney Rock.....	1928-56	960	580	335	175	143	81	69	7.1	4.2	2.5	2.0	1.5	1.1	1.0
283	Green River near Mill Spring.....	1941-54	2,500	1,140	700	440	330	260	160	71	56	45	41	38	35	.....
	TENNESSEE RIVER BASIN															
307	Little River near Penrose.....	1943-55	940	510	260	157	117	83	65.5	44.6	26.5	6.8	2.5	1.5	1.1	.8
331	Pigeon River at Canton.....	1933-56	2,350	1,280	590	325	215	140	108	80	67	56	50	44.5	39	35.5
336	Pigeon River near Hepco.....	1933-56	4,100	2,400	1,200	680	465	315	254	193	160	135	121	115	109	105
348	Cullasaja River at Highlands.....	1932-56	435	248	113	62	41.5	26	20.5	15.3	10.5	6.5	3.0	1.9	.9	.5
354	Nantahala River at Nantahala.....	1943-56	1,510	990	750	616	508	350	213	93.0	55.5	39.5	32.5	27.3	22.0	20.6
357	Tuckasegee River at Tuckasegee.....	1942-56	1,750	1,080	640	430	332	241	192	130	85	36.5	25.5	18	12	.....
360	Tuckasegee River at Dillsboro.....	1942-56	3,400	2,100	1,270	840	620	470	395	305	250	200	172	147	126	119
367	Tuckasegee River at Bryson City.....	1942-56	8,000	4,500	2,650	1,660	1,190	850	710	570	470	382	332	292	260	.....
370	Little Tennessee River at Fontana Dam	1946-54	14,000	10,700	5,550	4,400	3,750	2,880	2,450	1,880	1,280	710	185	50	44	40
374	Hiwassee River below Chatuge Dam, near Hayesville	1943-56	.....	.....	1,170	635	235	5.2	3.1	2.1	1.7	1.4	1.2	.....	.....	.....
376	Hiwassee River above Murphy.....	1943-56	3,800	2,600	1,680	1,070	735	405	250	161	122	100	90	83	74	67

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites

[Annual minimum flows for indicated recurrence intervals and indicated periods of consecutive days are adjusted to period April 1897 to March 1955 on basis of long-term streamflow records. Symbol N, after site name, indicates that although flow is affected by regulation or diversion, frequency date shown represent natural flow. Symbol R indicates that minimum daily discharge of record is affected by regulation, diversion, or other unnatural events]

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
	CHOWAN RIVER BASIN									
3	Ahoskie Creek at Ahoskie	64.3	0.	7	0.005	0.0005	0	0	0	0
				30	.019	.001	0	0	0	0
				60	.050	.004	.001	0	0	0
				90	.074	.008	.002	.0006	0	0
				120	.134	.031	.006	.002	.0007	0
				183	.249	.084	.039	.011	.003	.002
				274	.435	.187	.103	.054	.023	.009
	ROANOKE RIVER BASIN									
4	Dan River near Asbury	71.4	R20	7	.610	.425	.348	.293	.246	.225
				30	.745	.515	.417	.348	.294	.267
				60	.860	.590	.480	.394	.333	.302
				90	.970	.670	.530	.440	.370	.333
				120	1.08	.745	.600	.495	.425	.394
				183	1.27	.910	.735	.620	.530	.490
				274	1.54	1.13	.950	.810	.710	.650
5	Dan River near Francisco[N]	124	R30	7	.589	.411	.331	.269	.219	.195
				30	.710	.500	.403	.331	.270	.240
				60	.806	.573	.468	.379	.315	.281
				90	.903	.645	.516	.427	.355	.315
				120	.992	.710	.581	.484	.411	.379
				183	1.15	.847	.702	.597	.516	.476
				274	1.39	1.03	.879	.766	.677	.629
6	Town Fork Creek at Walnut Cove	110	.....	7	.199	.115	.084	.062	.047	.040
				30	.268	.156	.112	.084	.064	.054
				60	.333	.196	.140	.104	.081	.068
				90	.389	.230	.168	.125	.097	.083
				120	.452	.271	.202	.153	.118	.103
				183	.567	.371	.287	.224	.178	.156
				274	.779	.498	.389	.312	.252	.221

7	Dan River at Pine Hall	481	65	7	.420	.260	.200	.....	.....	.....
				30	.540	.340	.258	.205	.....	.....
				60	.630	.410	.310	.248	.200	.....
				90	.720	.470	.360	.284	.230	.205
				120	.800	.555	.440	.350	.290	.255
				183	.950	.700	.580	.480	.395	.355
				274	1.17	.880	.740	.620	.522	.470
8	Belews Creek near Pine Hall	79.3	.....	7	.230	.126	.082	.051	.031	.023
				30	.310	.180	.122	.082	.053	.041
				60	.385	.228	.160	.111	.078	.060
				90	.450	.266	.194	.140	.100	.080
				120	.520	.315	.233	.175	.131	.109
				183	.640	.430	.330	.260	.205	.180
				274	.870	.570	.450	.360	.295	.255
9	Big Beaver Island Creek near Madison	24	.....	7	.240	.092	.051	.029	.017	.013
				30	.355	.161	.087	.051	.031	.022
				60	.450	.235	.133	.076	.047	.035
				90	.530	.295	.183	.106	.066	.050
				120	.610	.360	.245	.157	.096	.074
				183	.770	.500	.385	.284	.200	.161
				274	1.05	.670	.530	.425	.332	.280
10	Mayo River near Price	260	35	7	.481	.354	.285	.235	.192	.173
				30	.577	.423	.346	.285	.238	.212
				60	.654	.473	.396	.327	.273	.246
				90	.731	.531	.438	.369	.308	.277
				120	.788	.577	.481	.408	.350	.319
				183	.923	.692	.577	.500	.427	.392
				274	1.13	.835	.712	.635	.558	.519
11	Hogan Creek near Madison	23	.....	7	.180	.071	.043	.025	.016	.012
				30	.280	.122	.069	.043	.027	.021
				60	.350	.187	.108	.064	.040	.031
				90	.410	.230	.140	.084	.054	.043
				120	.475	.290	.199	.124	.084	.065
				183	.610	.400	.315	.232	.160	.125
				274	.780	.530	.420	.345	.280	.240
12	Dan River near Wentworth	1,050	R107	7	.317	.257	.202	.162	.130	.114
				30	.462	.314	.248	.200	.162	.143
				60	.533	.367	.292	.236	.190	.168
				90	.610	.414	.328	.265	.219	.195
				120	.686	.467	.371	.305	.255	.228
				183	.800	.567	.467	.390	.328	.295
				274	.990	.705	.590	.510	.438	.400

690-432 O—63——7

Table 8.—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
13	Dan River at Leaksville	1,150	R114	7	0.357	0.243	0.196	0.157	0.126	0.109
				30	.452	.304	.239	.191	.157	.137
				60	.522	.357	.283	.226	.183	.161
				90	.609	.409	.322	.257	.209	.187
				120	.678	.461	.365	.296	.248	.222
				183	.783	.557	.452	.374	.317	.287
				274	.983	.713	.583	.487	.422	.383
14	Smith River at Spray[N]	538	R66	7	.446	.325	.268	.219	.182	.164
				30	.530	.390	.322	.264	.223	.199
				60	.604	.446	.366	.303	.256	.232
				90	.665	.487	.405	.340	.292	.260
				120	.725	.533	.446	.383	.334	.308
				183	.846	.632	.539	.465	.409	.372
				274	1.02	.762	.660	.576	.511	.474
15	Wolf Island Creek near Pelham	69	.....	7	.195	.125	.095	.070	.054	.046
				30	.250	.163	.122	.094	.074	.063
				60	.300	.200	.152	.117	.093	.080
				90	.340	.222	.176	.135	.110	.094
				120	.395	.258	.205	.165	.135	.120
				183	.495	.333	.270	.225	.185	.165
				274	.640	.435	.350	.295	.247	.230
16	Hogans Creek near Providence	96.1	.....	7	.165	.079	.047	.026	.015	.010
				30	.240	.123	.076	.046	.029	.021
				60	.310	.170	.110	.069	.045	.034
				90	.365	.200	.140	.090	.061	.046
				120	.435	.250	.178	.125	.090	.072
				183	.570	.360	.270	.204	.152	.125
				274	.760	.490	.380	.300	.238	.210
17	Moon Creek near Providence	38	.....	7	.183	.102	.068	.042	.028	.020
				30	.241	.145	.099	.067	.047	.036
				60	.299	.188	.132	.092	.066	.052
				90	.341	.211	.160	.114	.083	.067
				120	.395	.250	.195	.149	.114	.095
				183	.503	.338	.265	.215	.172	.146
				274	.660	.440	.354	.290	.240	.220

18	Country Line Creek at Yenceyville	48	.....	7	.129	.064	.042	.027	.018	.015
				30	.190	.097	.062	.042	.029	.023
				60	.247	.134	.088	.058	.040	.032
				90	.300	.158	.107	.072	.052	.042
				120	.360	.194	.139	.098	.072	.060
				183	.482	.290	.212	.160	.118	.098
				274	.660	.408	.310	.244	.188	.165
19	Country Line Creek near Semora	120	.....	7	.053	.016	.008	.....	.....	.....
				30	.092	.033	.016	.008	.....	.....
				60	.142	.052	.027	.014	.007	.....
				90	.185	.068	.037	.020	.011	.008
				120	.253	.102	.060	.035	.021	.015
				183	.376	.188	.120	.074	.047	.036
				274	.566	.312	.206	.142	.096	.075
20	North Hyco Creek near Roxboro	78	.....	7	.032	.006	.002	.....	.....	.....
				30	.065	.015	.006	.002	.....	.....
				60	.109	.029	.011	.004	.002	.....
				90	.148	.042	.017	.007	.003	.002
				120	.228	.080	.040	.021	.010	.006
				183	.340	.166	.097	.056	.032	.022
				274	.500	.280	.182	.120	.075	.055
21	Smith Creek near Norlina	31	.....	7	.238	.038	.001	.....	.....	0
				30	.340	.150	.030	.002	.....	.....
				60	.400	.230	.100	.024	.001	.....
				90	.435	.270	.170	.052	.007	.001
				120	.550	.350	.265	.182	.070	.035
				183	.680	.470	.395	.300	.222	.182
				274	.820	.620	.500	.415	.345	.310
22	Six Pound Creek near Oakville	12	.....	7	.338	.212	.155	.120	.096	.085
				30	.413	.270	.205	.162	.136	.112
				60	.490	.330	.250	.198	.153	.135
				90	.523	.365	.285	.223	.176	.153
				120	.640	.445	.360	.292	.237	.210
				183	.760	.560	.485	.393	.325	.292
				274	.895	.700	.595	.505	.438	.400
23	Roanoke River at Roanoke Rapids[N]	8,410	472	7	.259	.158	.119	.090	.071	.062
				30	.321	.202	.153	.119	.094	.082
				60	.386	.250	.190	.149	.115	.100
				90	.440	.279	.214	.169	.133	.115
				120	.511	.339	.268	.212	.169	.149
				183	.618	.440	.357	.285	.235	.208
				274	.785	.571	.470	.392	.330	.297

Table 8.—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
24	Roanoke River near Scotland Neck[N]	8,700	1,220	7	0.253	0.160	0.120	0.092	0.071	0.062
				30	.322	.204	.153	.120	.094	.082
25	Ready Branch near Williamston	15.5	.....	7	.110	.093	.087	.081	.077	.075
				30	.130	.099	.092	.086	.081	.080
				60	.160	.110	.098	.091	.086	.084
				90	.184	.117	.101	.094	.089	.086
				120	.240	.143	.115	.100	.096	.093
				183	.325	.195	.150	.120	.107	.100
				274	.430	.280	.210	.165	.135	.109
	TAR - PAMLICO RIVER BASIN									
27	Shelton Creek near Oxford	22.6	.....	7	.017	.001	0	0	0	0
				30	.044	.006	.001	0	0	0
				60	.085	.015	.004	.....	0	0
				90	.123	.025	.007	.002	0	0
				120	.210	.058	.025	.009	.003	.002
				183	.345	.143	.074	.036	.017	.010
				274	.525	.270	.165	.097	.053	.035
28	Tar River near Tar River[N]	167	[R].1	7	.033	.....	.....	.....	.....	.....
				30	.066	.....	.....	.....	.....	.....
				60	.111	.030	.....	.....	.....	.....
				90	.149	.043	.....	.....	.....	.....
				120	.233	.083	.041	.....	.....	.....
				183	.353	.170	.099	.057	.032	.....
				274	.515	.287	.189	.122	.077	.056
29	Tabbs Creek near Kittrell	70	.....	7	.072	.024	.013	.008	.....	.....
				30	.118	.042	.022	.014	.009	.....
				60	.178	.068	.035	.020	.013	.010
				90	.223	.088	.047	.026	.016	.013
				120	.320	.140	.086	.050	.031	.023
				183	.438	.240	.163	.102	.067	.050
				274	.610	.370	.270	.191	.135	.110

30	Cedar Creek near Louisburg	47.8	.....	7	.230	.135	.100	.080	.064	.....
				30	.290	.180	.135	.108	.085	.075
				60	.350	.220	.165	.129	.101	.089
				90	.390	.250	.186	.144	.115	.101
				120	.470	.315	.245	.197	.159	.140
				183	.590	.415	.335	.272	.223	.200
				274	.720	.530	.435	.365	.305	.279
31	Crooked Creek near Bunn	31	.....	7	.192	.112	.082	.060	.045	.038
				30	.248	.150	.110	.083	.064	.054
				60	.305	.186	.138	.103	.071	.069
				90	.360	.215	.156	.120	.094	.081
				120	.445	.270	.205	.160	.128	.112
				183	.565	.375	.290	.230	.187	.160
				274	.710	.500	.400	.320	.263	.235
32	Cypress Creek near Bunn	30	.....	7	.099	.037	.019	.010	.005	.004
				30	.152	.064	.035	.020	.011	.008
				60	.214	.094	.054	.031	.019	.014
				90	.268	.120	.068	.042	.026	.019
				120	.352	.175	.111	.073	.047	.036
				183	.480	.282	.192	.137	.094	.073
				274	.645	.410	.310	.227	.168	.140
33	Tar River near Nashville	701	R_{11}	7	.178	.083	.052	.036	.025	.020
				30	.242	.127	.083	.057	.039	.032
				60	.310	.168	.111	.076	.053	.043
				90	.357	.200	.134	.091	.064	.053
				120	.449	.271	.197	.143	.104	.087
				183	.578	.385	.292	.224	.171	.146
				274	.713	.514	.406	.328	.261	.228
34	Sapony Creek near Nashville	64.8	.02	7	.031	.005	.002	0	0	0
				30	.068	.013	.005	.002	.001	0
				60	.123	.028	.010	.004	.001	.001
				90	.177	.043	.016	.006	.002	.001
				120	.278	.091	.040	.018	.008	.005
				183	.429	.198	.108	.056	.028	.018
				274	.617	.353	.230	.140	.083	.060
35	Sandy Creek near Alert	53.7	.....	7	.167	.082	.049	.033	.024	.020
				30	.230	.119	.077	.053	.037	.030
				60	.300	.160	.105	.072	.049	.040
				90	.350	.189	.128	.087	.060	.048
				120	.445	.260	.188	.134	.097	.080
				183	.560	.370	.285	.210	.159	.134
				274	.700	.500	.400	.315	.250	.218

Table 8.—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
36	Swift Creek near Red Oak	180	.....	7	0.200	0.108	0.068	0.048	0.035	.....
				30	.270	.148	.100	.072	.052	0.043
				60	.340	.192	.132	.094	.067	.056
				90	.400	.225	.158	.112	.080	.066
				120	.495	.295	.220	.163	.122	.102
				183	.640	.420	.320	.250	.190	.163
				274	.830	.565	.450	.360	.290	.260
37	Fishing Creek near Warrenton	45	.....	7	.178	.082	.049	.032	.022	.018
				30	.248	.122	.078	.053	.036	.029
				60	.335	.170	.109	.072	.048	.039
				90	.400	.202	.132	.089	.060	.048
				120	.505	.280	.200	.140	.099	.080
				183	.650	.417	.310	.228	.168	.140
				274	.850	.575	.455	.350	.275	.235
38	Shocco Creek near Elberon	18	.....	7	.217	.112	.071	.049	.035	.029
				30	.293	.158	.106	.075	.053	.044
				60	.390	.208	.142	.100	.070	.059
				90	.435	.243	.167	.119	.085	.069
				120	.541	.324	.239	.177	.131	.109
				183	.696	.452	.355	.271	.206	.177
				274	.860	.612	.488	.395	.310	.279
39	Fishing Creek near Enfield	521	10	7	.148	.073	.045	.030	.021	.018
				30	.202	.106	.069	.048	.034	.027
				60	.267	.142	.094	.064	.044	.036
				90	.311	.167	.113	.078	.054	.044
				120	.393	.228	.165	.119	.086	.071
				183	.516	.326	.250	.186	.140	.119
				274	.662	.451	.355	.280	.221	.192
40	Tar River at Tarboro	2,140	36	7	.147	.069	.042	.028	.019	.015
				30	.208	.103	.065	.044	.030	.025
				60	.271	.140	.092	.061	.042	.034
				90	.318	.170	.112	.075	.051	.041
				120	.402	.238	.168	.119	.084	.070
				183	.542	.346	.257	.192	.142	.120
				274	.678	.467	.369	.290	.229	.198

41	Town Creek near Pinetops	192	.....	7	.029	.008	.004	.002	.001	.0006
				30	.057	.016	.008	.004	.002	.002
				60	.098	.027	.013	.006	.004	.002
				90	.136	.037	.018	.009	.005	.004
				120	.220	.074	.035	.019	.011	.008
				183	.380	.154	.086	.046	.027	.019
				274	.580	.300	.180	.110	.066	.050
44	Grindle Creek near Pactolus	54.7	.....	7	.097	.040	.019	.....	.....	.....
				30	.132	.067	.038	.020	.....	.....
				60	.175	.094	.059	.032	.018	.011
				90	.212	.112	.073	.045	.025	.019
				120	.274	.154	.110	.076	.052	.040
				183	.370	.224	.164	.122	.093	.079
				274	.490	.322	.242	.188	.148	.106
45	Herring Run near Washington	about 15	.7	7	.068	.057	.052	.049	.046	.045
				30	.082	.061	.056	.052	.049	.047
				60	.104	.068	.060	.055	.052	.051
				90	.123	.073	.063	.057	.053	.052
				120	.167	.093	.072	.063	.059	.057
				183	.233	.131	.097	.077	.067	.063
				274	.330	.200	.143	.108	.086	.067
	NEUSE RIVER BASIN									
46	Eno River at Hillsboro	66.5	.1	7	.110	.047	.023	.009	.004	.002
				30	.170	.078	.047	.025	.011	.006
				60	.232	.110	.066	.041	.021	.014
				90	.283	.137	.086	.056	.033	.024
				120	.365	.186	.123	.084	.057	.044
				183	.496	.289	.205	.144	.102	.083
				274	.692	.421	.313	.232	.173	.146
47	Little River near Orange Factory	81.6	.....	7	.071	.020	.006	.001	0	0
				30	.120	.043	.019	.007	.002	.0009
				60	.177	.067	.034	.016	.006	.003
				90	.225	.088	.046	.024	.011	.006
				120	.310	.139	.081	.049	.029	.020
				183	.445	.240	.160	.103	.067	.050
				274	.630	.375	.260	.188	.130	.100
48	Flat River at Bahama	150	.37	7	.063	.019	.009	.005	.002	.002
				30	.107	.037	.018	.010	.005	.004
				60	.160	.059	.029	.016	.009	.006
				90	.205	.078	.040	.021	.012	.009
				120	.287	.123	.072	.043	.025	.019
				183	.413	.220	.143	.092	.059	.044
				274	.593	.347	.240	.170	.117	.089

Table 8.—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
49	Dial Creek near Bahama	4.71	0	7	0.064	0.006	0	0	0	0
				30	.110	.034	.006	0	0	0
				60	.163	.059	.021	.004	0	0
				90	.212	.079	.034	.008	.001	0
				120	.297	.132	.074	.042	.017	.006
				183	.425	.234	.153	.096	.057	.042
				274	.573	.361	.255	.180	.121	.093
52	Beaverdam Creek near Creedmoor	44.1	.....	7	.038	.002	0	0	0	0
				30	.072	.015	.002	0	0	0
				60	.112	.034	.009	.0008	0	0
				90	.150	.050	.017	.003	0	0
				120	.218	.085	.046	.020	.006	.002
				183	.330	.161	.100	.061	.034	.021
				274	.490	.265	.178	.121	.079	.059
53	New Light Creek near Purnell	19.3	.....	7	.208	.131	.100	.078	.062	.056
				30	.260	.170	.130	.102	.082	.074
				60	.314	.202	.157	.123	.100	.088
				90	.360	.228	.175	.139	.112	.100
				120	.430	.278	.220	.180	.149	.131
				183	.535	.370	.298	.243	.202	.182
				274	.680	.480	.390	.320	.270	.240
54	Upper Barton Creek near Bayleaf	12.2	.....	7	.124	.068	.049	.040	.035	.031
				30	.169	.092	.068	.052	.042	.038
				60	.220	.117	.083	.063	.051	.045
				90	.250	.136	.095	.074	.056	.051
				120	.330	.189	.135	.102	.082	.069
				183	.440	.270	.200	.158	.122	.103
				274	.610	.395	.295	.230	.182	.158
55	Lower Barton Creek near Bayleaf	13.2	.....	7	.235	.169	.141	.129	.119	.112
				30	.280	.199	.168	.148	.131	.125
				60	.330	.227	.186	.161	.145	.136
				90	.360	.250	.201	.177	.153	.145
				120	.430	.300	.248	.210	.185	.170
				183	.530	.380	.315	.270	.235	.213
				274	.670	.490	.400	.340	.295	.270

56	Horse Creek near Wake Forest	21.0	.....	7	.328	.251	.217	.193	.....	.....
				30	.380	.291	.250	.220	.200	.190
				60	.432	.321	.280	.242	.218	.205
				90	.473	.347	.295	.261	.232	.219
				120	.540	.400	.340	.300	.270	.250
				183	.640	.485	.420	.365	.320	.301
				274	.780	.585	.500	.440	.390	.360
58	Peeples Creek near Wake Crossroads	9.9	.....	7	.303	.218	.172	.....	.....	.....
				30	.352	.260	.215	.175	.....	.....
				60	.405	.298	.248	.205	.171	.152
				90	.450	.326	.269	.227	.190	.172
				120	.522	.375	.316	.275	.236	.218
				183	.630	.465	.390	.338	.298	.275
				274	.765	.575	.490	.420	.370	.340
59	Crabtree Creek near Raleigh	97.5	.....	7	.065	.034	.023	.019	.015	.014
				30	.092	.048	.033	.025	.020	.018
				60	.129	.061	.042	.032	.025	.021
				90	.158	.074	.050	.037	.028	.025
				120	.220	.105	.073	.054	.042	.035
				183	.315	.173	.119	.088	.066	.056
				274	.455	.270	.191	.139	.103	.086
60	Big Branch near Millbrook	3.78	.....	7	.245	.180	.151	.139	.129	.121
				30	.290	.209	.178	.159	.141	.135
				60	.339	.238	.196	.171	.155	.146
				90	.369	.260	.211	.188	.163	.155
				120	.435	.310	.258	.220	.195	.180
				183	.530	.388	.324	.280	.245	.223
				274	.665	.490	.406	.348	.306	.280
61	Big Branch near Garner	12.1	.....	7	.200	.128	.095	.070	.054	.045
				30	.245	.163	.125	.097	.074	.063
				60	.295	.195	.152	.119	.094	.081
				90	.340	.220	.169	.135	.108	.095
				120	.415	.265	.210	.173	.142	.128
				183	.530	.355	.280	.230	.196	.175
				274	.690	.470	.380	.310	.260	.235
62	Poplar Creek near Knightdale	8.6	.....	7	.302	.238	.200	.169	.143	.130
				30	.350	.268	.233	.204	.174	.159
				60	.400	.300	.259	.227	.200	.183
				90	.445	.320	.272	.242	.218	.200
				120	.515	.370	.315	.278	.250	.235
				183	.620	.460	.385	.335	.300	.278
				274	.750	.560	.480	.410	.350	.340

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
63	Neuse River near Clayton	1,140	45	7	0.165	0.091	0.066	.....	.....	.....
				30	.224	.125	.090	.068	.055	.....
				60	.281	.158	.111	.083	.067	.058
				90	.338	.184	.130	.096	.076	.067
				120	.425	.246	.175	.132	.104	.092
				183	.544	.351	.263	.204	.158	.136
				274	.702	.482	.377	.298	.237	.211
66	Swift Creek above McCullers[N]	39.9	.....	7	.051	.017	.007	.....	.....	.....
				30	.084	.032	.016	.007	.003	.....
				60	.130	.048	.025	.013	.007	.004
				90	.168	.064	.034	.018	.010	.007
				120	.255	.108	.059	.036	.023	.017
				183	.385	.184	.115	.074	.048	.038
				274	.550	.311	.208	.145	.098	.078
67	Swift Creek near McCullers[N]	53.9	.....	7	.095	.034	.014	.....	0	0
				30	.152	.061	.031	.015	.....	.....
				60	.220	.089	.049	.027	.015	.....
				90	.268	.118	.065	.037	.021	.015
				120	.375	.190	.109	.068	.044	.034
				183	.510	.290	.200	.137	.092	.071
				274	.660	.435	.325	.240	.177	.145
68	Middle Creek near Clayton	80.7	0	7	.110	.045	.020	.006	.0007	0
				30	.164	.076	.042	.021	.008	.003
				60	.230	.104	.062	.037	.020	.012
				90	.280	.133	.079	.048	.029	.020
				120	.384	.198	.124	.083	.057	.046
				183	.520	.300	.211	.149	.107	.087
				274	.682	.446	.332	.248	.186	.155
69	Middle Creek near Smithfield	124	.....	7	.100	.037	.016	.005	.....	0
				30	.155	.067	.035	.017	.006	.003
				60	.225	.094	.054	.030	.016	.009
				90	.280	.122	.070	.041	.024	.016
				120	.390	.190	.116	.074	.049	.039
				183	.530	.305	.205	.140	.097	.077
				274	.710	.460	.335	.245	.179	.145

70	Black Creek near Four Oaks	79.0	.....	7	.022	.0005	0	0	0	0
				30	.063	.006	0	0	0	0
				60	.128	.018	.003	0	0	0
				90	.180	.036	.007	.0008	0	0
				120	.300	.094	.031	.008	.002	.0006
				183	.455	.205	.107	.049	.020	.010
				274	.640	.370	.240	.148	.082	.055
71	Buck Swamp near Dudley	17.0	.....	7	.122	.025	.008	.003	.....	.....
				30	.192	.065	.022	.008	.004	.002
				60	.260	.115	.050	.018	.007	.004
				90	.320	.153	.076	.030	.012	.008
				120	.420	.225	.142	.083	.041	.025
				183	.560	.340	.250	.170	.115	.087
				274	.680	.485	.375	.280	.210	.182
72	Little River near Princeton	229	R1.0	7	.114	.052	.031	.018	.011	.008
				30	.163	.080	.051	.032	.020	.015
				60	.218	.110	.071	.046	.031	.024
				90	.269	.133	.085	.057	.039	.031
				120	.351	.186	.127	.089	.064	.052
				183	.480	.284	.201	.148	.110	.091
				274	.651	.410	.310	.231	.177	.153
73	Neuse River near Goldsboro	2,390	90	7	.159	.087	.061	.047	.037	.033
				30	.209	.119	.085	.065	.050	.044
				60	.272	.151	.107	.081	.063	.054
				90	.322	.178	.124	.093	.072	.062
				120	.406	.238	.172	.132	.103	.090
				183	.519	.343	.259	.201	.155	.134
				274	.669	.460	.364	.289	.230	.205
74	Stony Creek at Goldsboro	21.6	.....	7	.124	.034	.012	.004	.....	.....
				30	.180	.078	.032	.013	.005	.....
				60	.240	.119	.062	.027	.012	.007
				90	.290	.145	.085	.041	.019	.012
				120	.380	.198	.140	.091	.051	.033
				183	.512	.310	.220	.162	.120	.093
				274	.680	.440	.338	.250	.192	.167
75	Bear Creek near La Grange	49.2	.....	7	.223	.172	.146	.126	.110	.102
				30	.255	.198	.170	.147	.127	.119
				60	.296	.221	.190	.164	.147	.136
				90	.315	.236	.203	.177	.158	.147
				120	.371	.268	.232	.206	.184	.172
				183	.467	.324	.276	.246	.221	.206
				274	.615	.414	.342	.292	.263	.248

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
76	Falling Creek at Falling Creek	45.4	.....	7	0.156	0.073	0.046	0.030	.....	.....
				30	.220	.110	.070	.047	0.033	0.027
				60	.290	.150	.096	.064	.044	.036
				90	.345	.180	.117	.080	.055	.045
				120	.440	.248	.174	.122	.088	.073
				183	.600	.365	.269	.198	.150	.123
				274	.790	.520	.400	.305	.240	.208
77	Neuse River at Kinston	2,690	126	7	.136	.106	.079	.063	.051	.045
				30	.242	.145	.106	.082	.067	.059
				60	.305	.177	.130	.100	.080	.071
				90	.357	.208	.149	.113	.091	.080
				120	.446	.271	.201	.154	.125	.112
				183	.558	.372	.286	.227	.180	.156
				274	.699	.502	.398	.327	.264	.234
78	Deep Run at Deep Run	5.89	.....	7	.238	.135	.096	.071	.056	.048
				30	.311	.182	.132	.098	.076	.066
				60	.397	.233	.166	.123	.092	.080
				90	.461	.269	.193	.145	.110	.096
				120	.580	.352	.259	.199	.155	.135
				183	.730	.492	.378	.282	.233	.205
				274	.922	.653	.518	.414	.337	.306
79	Moccasin Creek near Zebulon	28.2	.....	7	.076	.020	.006	.....	.....	0
				30	.132	.044	.018	.007	.....	0
				60	.199	.070	.033	.015	.006	.....
				90	.245	.100	.047	.023	.011	.006
				120	.335	.168	.090	.050	.029	.021
				183	.450	.260	.180	.117	.072	.053
				274	.590	.390	.290	.217	.155	.123
81	Toisnot Swamp near New Hope	30	.....	7	.205	.135	.104	.083	.070	.....
				30	.252	.168	.130	.107	.086	.076
				60	.300	.200	.158	.125	.103	.092
				90	.340	.225	.175	.140	.118	.103
				120	.410	.270	.220	.180	.148	.132
				183	.515	.350	.285	.240	.200	.180
				274	.670	.455	.370	.310	.265	.245

82	Toisnot Swamp near Stantonsburg	110	.....	7	.084	.028	.014	.....	.....	.....
				30	.137	.052	.028	.015	.....	.....
				60	.200	.080	.044	.024	.014	.....
				90	.260	.102	.056	.033	.020	.014
				120	.350	.162	.096	.060	.038	.029
				183	.475	.278	.180	.120	.080	.061
				274	.640	.400	.305	.218	.150	.123
83	Nahunta Swamp near Shine	77.6	1.0	7	.122	.059	.037	.....	.....	.....
				30	.171	.087	.057	.038	.....	.....
				60	.230	.119	.078	.052	.037	.....
				90	.278	.141	.093	.064	.046	.037
				120	.365	.195	.134	.097	.070	.058
				183	.490	.295	.210	.158	.119	.098
				274	.660	.425	.324	.240	.185	.160
84	Nahunta Swamp near Snow Hill	97.1	.....	7	.129	.058	.036	.024	.017	.014
				30	.188	.090	.056	.037	.026	.022
				60	.245	.120	.078	.051	.036	.029
				90	.290	.145	.094	.064	.043	.036
				120	.370	.207	.140	.099	.070	.058
				183	.510	.310	.228	.165	.121	.100
				274	.670	.440	.335	.260	.200	.172
85	Contentnea Creek at Hookerton	729	15	7	.132	.065	.043	.030	.022	.019
				30	.188	.095	.062	.044	.033	.027
				60	.244	.126	.084	.058	.042	.035
				90	.289	.151	.100	.070	.050	.042
				120	.370	.209	.147	.104	.077	.064
				183	.508	.309	.226	.167	.126	.106
				274	.665	.439	.336	.259	.203	.176
86	Little Contentnea Creek near Farmville	93.3	[a].02	7	.034	.006	.001	0	0	0
				30	.068	.016	.005	.001	0	0
				60	.116	.032	.012	.004	.001	.0006
				90	.159	.046	.018	.007	.003	.001
				120	.244	.088	.042	.020	.009	.005
				183	.375	.175	.100	.058	.032	.021
				274	.555	.305	.204	.125	.080	.060
88	Core Creek near Fort Barnwell	59.2	.....	7	.064	.025	.013	.007	.....	.....
				30	.098	.041	.023	.014	.....	.....
				60	.142	.061	.035	.021	.012	.009
				90	.180	.077	.045	.027	.017	.013
				120	.258	.118	.072	.047	.032	.025
				183	.370	.197	.131	.087	.061	.049
				274	.540	.305	.220	.151	.110	.093

[a]Result of discharge measurement, September 9, 1954.

Table 8.—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
91	Swift Creek near Vanceboro	192	0	7	0.050	0.014	0.004	0.0006	0	0
				30	.081	.030	.013	.004	.0008	0
				60	.121	.048	.024	.010	.003	.001
				90	.159	.063	.034	.017	.007	.004
				120	.231	.101	.060	.036	.021	.015
				183	.346	.173	.110	.071	.047	.037
				274	.511	.286	.195	.135	.095	.057
93	Trent River near Trenton	168	1.3	7	.074	.032	.019	.012	.008	.006
				30	.113	.049	.030	.020	.013	.011
				60	.161	.071	.043	.027	.018	.014
				90	.202	.089	.054	.035	.023	.019
				120	.286	.134	.085	.057	.039	.032
				183	.405	.220	.149	.101	.071	.058
				274	.577	.339	.244	.173	.125	.107
95	Upper Broad Creek near Olympia	21	.....	7	.007	0	0	0	0	0
				30	.034	0	0	0	0	0
				60	.084	.006	0	0	0	0
				90	.123	.016	.001	0	0	0
				120	.194	.059	.014	.002	0	0
				183	.305	.139	.062	.025	.006	.002
				274	.445	.250	.160	.098	.052	.012
	WHITE OAK RIVER BASIN									
96	White Oak River at Belgrade	53.3	.....	7	.100	.035	.018	.010	.....	.....
				30	.170	.060	.032	.019	.012	.....
				60	.250	.096	.052	.029	.017	.013
				90	.320	.128	.068	.039	.023	.018
				120	.425	.210	.120	.073	.044	.035
				183	.600	.340	.230	.150	.096	.074
				274	.840	.518	.365	.260	.194	.155
	NEW RIVER BASIN									
97	New River near Gum Branch	74.5	1.9	7	.144	.074	.050	.035	.026	.022
				30	.201	.103	.070	.051	.038	.025
				60	.268	.140	.094	.066	.048	.040
				90	.329	.170	.113	.079	.058	.049
				120	.423	.234	.161	.117	.086	.074
				183	.577	.349	.251	.188	.140	.118
				274	.779	.494	.369	.282	.220	.191

98	Southwest Creek near Haw	35.2	.....	7	.071	.032	.019	.012	.008	.007
				30	.111	.048	.030	.019	.013	.010
				60	.163	.069	.042	.028	.018	.015
				90	.210	.090	.054	.035	.024	.019
				120	.296	.135	.087	.057	.040	.032
				183	.430	.230	.150	.103	.073	.060
				274	.620	.355	.250	.178	.128	.104
99	Northeast Creek near Kellum	28.3	.....	7	.124	.066	.045	.032	.025	.021
				30	.173	.090	.062	.046	.035	.024
				60	.232	.121	.083	.059	.044	.037
				90	.285	.145	.098	.070	.053	.044
				120	.365	.200	.139	.101	.076	.066
				183	.500	.300	.215	.160	.121	.102
				274	.675	.410	.320	.242	.190	.163
	CAPE FEAR RIVER BASIN									
100	Haw River at U. S. Highway 220, near Summerfield	20.2	.....	7	.210	.109	.070	.046	.031	.025
				30	.284	.160	.103	.070	.048	.039
				60	.350	.209	.141	.094	.067	.053
				90	.415	.245	.173	.121	.085	.068
				120	.480	.288	.215	.158	.112	.093
				183	.600	.390	.305	.239	.187	.160
				274	.825	.530	.415	.330	.269	.235
101	Haw River near Benaja	168	R.6	7	.208	.119	.083	.058	.041	.....
				30	.280	.165	.116	.083	.061	.050
				60	.345	.211	.152	.109	.080	.067
				90	.405	.241	.179	.131	.098	.083
				120	.470	.286	.220	.167	.131	.112
				183	.595	.399	.310	.244	.193	.167
				274	.774	.518	.417	.339	.280	.250
102	Horsepen Creek at Battle Ground	15.9	.5	7	.201	.133	.107	.088	.072	.063
				30	.252	.165	.132	.108	.090	.082
				60	.308	.195	.154	.126	.106	.096
				90	.358	.226	.176	.145	.119	.109
				120	.421	.253	.198	.164	.138	.126
				183	.535	.346	.270	.220	.183	.167
				274	.736	.478	.371	.299	.245	.220
104	South Buffalo Creek at Willow Road, at Greensboro	29.6	.....	7	.097	.051	.037	.028	.023	.020
				30	.150	.071	.050	.037	.029	.026
				60	.212	.094	.063	.045	.036	.031
				90	.270	.118	.077	.056	.042	.037
				120	.338	.153	.098	.069	.052	.045
				183	.460	.250	.168	.113	.083	.071
				274	.700	.380	.270	.191	.138	.112

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
107	Stony Creek near Burlington	44.2	0	7	0.023	0.003	0.0008	0	0	0
				30	.062	.010	.003	.0008	0	0
				60	.118	.024	.007	.002	.0007	0
				90	.170	.038	.013	.004	.002	.0008
				120	.256	.072	.028	.011	.004	.002
				183	.423	.172	.088	.041	.018	.011
				274	.645	.319	.195	.115	.064	.044
108	Buttermilk Creek near Burlington	15	.....	7	.023	.....	.....	0	0	0
				30	.062	.010	.....	0	0	0
				60	.116	.024	.007	0	0	0
				90	.169	.038	.013	.....	.....	0
				120	.255	.071	.028	.011	.....	.....
				183	.420	.170	.088	.041	.018	.011
				274	.640	.320	.191	.113	.063	.044
109	Jordan Creek near Union Ridge	23	.....	7	.006	0	0	0	0	0
				30	.054	0	0	0	0	0
				60	.143	.006	0	0	0	0
				90	.227	.019	.....	0	0	0
				120	.343	.069	.009	0	0	0
				183	.501	.230	.094	.023	0	0
				274	.677	.408	.255	.139	.056	.027
110	Haw River at Haw River[N]	599	[R]5	7	.152	.082	.058	.....	.....	.....
				30	.209	.115	.082	.062	.....	.....
				60	.267	.149	.105	.077	.058	.050
				90	.314	.175	.125	.093	.070	.060
				120	.392	.230	.167	.125	.097	.083
				183	.518	.326	.250	.190	.149	.130
				274	.693	.459	.354	.280	.220	.192
111	Little Alamance Creek near Whitsett	38.4	.....	7	.100	.047	.028	.016	.010	.007
				30	.150	.072	.045	.028	.017	.012
				60	.195	.098	.061	.040	.026	.019
				90	.245	.121	.078	.052	.036	.027
				120	.295	.152	.101	.069	.048	.041
				183	.400	.226	.164	.118	.085	.072
				274	.590	.340	.245	.180	.138	.115

112	Alamance Creek at Alamance	140	.....	7	.099	.034	.016	.004	.....	0
				30	.160	.063	.032	.015	.005	.0008
				60	.225	.096	.052	.027	.014	.007
				90	.285	.127	.073	.041	.022	.014
				120	.350	.165	.102	.061	.036	.026
				183	.470	.260	.180	.122	.081	.063
				274	.690	.400	.285	.205	.145	.119
113	Cane Creek near Carrboro	34	.....	7	.102	.049	.030	.017	.010	.008
				30	.156	.076	.049	.031	.019	.014
				60	.213	.103	.067	.045	.028	.022
				90	.260	.125	.082	.057	.039	.031
				120	.338	.172	.114	.081	.058	.047
				183	.458	.265	.187	.131	.097	.080
				274	.645	.388	.286	.213	.158	.134
115	Haw River near Pittsboro	1,310	R5.3	7	.111	.047	.029	.018	.013	.010
				30	.160	.075	.047	.031	.021	.017
				60	.218	.103	.065	.044	.030	.024
				90	.267	.130	.081	.053	.037	.030
				120	.351	.183	.126	.088	.063	.051
				183	.473	.286	.206	.153	.111	.093
				274	.634	.412	.309	.237	.179	.153
116	New Hope Creek at U. S. Highway 15, near Durham	36	.....	7	.029	.008	.002	.....	.....	0
				30	.052	.018	.008	.002	.....	.....
				60	.082	.029	.014	.006	.....	.....
				90	.108	.040	.021	.011	.004	.002
				120	.160	.060	.035	.020	.011	.007
				183	.255	.114	.068	.042	.027	.020
				274	.415	.200	.128	.082	.054	.044
117	Morgan Creek near Chapel Hill[N]	29.1	.47	7	.136	.058	.035	.023	.....	.....
				30	.210	.094	.057	.036	.024	.....
				60	.282	.131	.079	.051	.034	.028
				90	.344	.165	.101	.063	.044	.036
				120	.430	.223	.148	.100	.068	.054
				183	.567	.344	.244	.174	.124	.101
				274	.770	.505	.371	.278	.211	.179
119	West Fork Deep River near High Point	32.1	R.6	7	.199	.115	.084	.062	.047	.040
				30	.268	.156	.112	.084	.064	.055
				60	.333	.196	.140	.104	.081	.069
				90	.389	.231	.168	.125	.097	.083
				120	.452	.271	.202	.153	.118	.103
				183	.567	.371	.287	.224	.178	.156
				274	.779	.498	.389	.312	.252	.221

690-432 O—63——8

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
120	East Fork Deep River near High Point	14.7	1.2	7	0.252	0.177	0.146	0.122	0.104	0.095
				30	.313	.218	.177	.147	.124	.107
				60	.374	.252	.204	.168	.143	.129
				90	.422	.286	.224	.185	.161	.146
				120	.483	.320	.259	.216	.184	.167
				183	.585	.408	.333	.279	.238	.218
				274	.762	.524	.422	.354	.299	.272
121	Richland Creek near Archdale	12.7	.....	7	.180	.110	.086	.067	.054	.047
				30	.238	.144	.109	.086	.068	.061
				60	.295	.178	.130	.101	.084	.072
				90	.350	.205	.153	.119	.096	.085
				120	.410	.240	.182	.141	.113	.100
				183	.520	.330	.255	.200	.161	.144
				274	.740	.450	.350	.280	.225	.200
123	Muddy Creek near Archdale	16.2	0	7	.035	.005	.001	0	0	0
				30	.080	.015	.005	.001	0	0
				60	.139	.032	.010	.004	.001	.0006
				90	.213	.053	.019	.007	.002	.001
				120	.309	.088	.036	.015	.006	.004
				183	.481	.185	.094	.049	.025	.017
				274	.802	.377	.216	.120	.068	.048
124	Polecat Creek near Climax	28.4	.....	7	.066	.008	.....	0	0	0
				30	.130	.031	.007	.....	0	0
				60	.190	.062	.021	.004	0	0
				90	.254	.095	.042	.013	.003	.0008
				120	.330	.132	.065	.029	.010	.004
				183	.450	.230	.145	.090	.047	.030
				274	.670	.385	.260	.174	.112	.083
126	Richland Creek near Asheboro	34.0	.....	7	.100	.028	.010	.004	.....	.....
				30	.170	.061	.026	.011	.004	.....
				60	.240	.098	.047	.022	.010	.005
				90	.300	.132	.074	.035	.017	.011
				120	.380	.172	.101	.061	.032	.022
				183	.540	.280	.190	.130	.084	.063
				274	.760	.450	.320	.230	.160	.130

127	Brush Creek near Coleridge	66.9	.....	7	.043	.010	.005	.003	.002	.....
				30	.080	.023	.010	.005	.003	.002
				60	.122	.040	.018	.008	.004	.003
				90	.172	.059	.029	.013	.007	.005
				120	.241	.082	.042	.022	.013	.008
				183	.370	.153	.090	.057	.032	.023
				274	.600	.300	.178	.112	.071	.053
128	Fork Creek near Coleridge	36	.....	7	.080	.024	.012	.007	.005	.004
				30	.132	.048	.023	.013	.008	.006
				60	.182	.077	.038	.020	.012	.009
				90	.232	.103	.058	.029	.016	.013
				120	.285	.134	.082	.048	.026	.020
				183	.400	.218	.150	.101	.066	.050
				274	.570	.340	.245	.177	.122	.101
129	Bear Creek at Robbins	134	.1	7	.104	.028	.010	.004	.001	.0006
				30	.175	.061	.027	.012	.004	.002
				60	.246	.101	.048	.022	.010	.006
				90	.310	.136	.075	.036	.017	.011
				120	.388	.179	.106	.061	.032	.022
				183	.552	.291	.198	.134	.085	.063
				274	.791	.463	.328	.235	.164	.134
130	Rocky River near Liberty	4.7	.....	7	.101	.025	.007	.001	.....	0
				30	.170	.061	.023	.007	.001	.....
				60	.230	.100	.046	.017	.006	.002
				90	.275	.132	.072	.033	.013	.006
				120	.....	.172	.106	.058	.028	.016
				183	.....	.260	.188	.128	.082	.061
				274	.....	.....	.275	.210	.156	.127
131	Tick Creek near Bonlee	19	.....	7	.020	.003	.001	0	0	0
				30	.046	.009	.003	.001	0	0
				60	.076	.019	.006	.002	.0009	.0006
				90	.108	.032	.012	.004	.002	.001
				120	.153	.048	.021	.009	.004	.002
				183	.270	.100	.056	.030	.014	.009
				274	.450	.195	.118	.070	.041	.030
132	Bear Creek near Goldston	43	.....	7	.011	.001	0	0	0	0
				30	.024	.005	.001	0	0	0
				60	.044	.010	.003	.0008	0	0
				90	.061	.015	.006	.002	.0005	0
				120	.102	.031	.015	.007	.003	.002
				183	.179	.070	.039	.022	.012	.008
				274	.305	.140	.083	.050	.030	.021

Table 8.—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
133	Deep River at Moncure	1,410	R_6	7	0.089	0.030	0.015	0.008	0.004	0.003
				30	.145	.054	.028	.016	.010	.007
				60	.202	.082	.045	.026	.015	.011
				90	.255	.110	.061	.035	.021	.016
				120	.333	.160	.099	.062	.040	.030
				183	.461	.262	.181	.122	.083	.065
				274	.652	.404	.291	.206	.149	.124
134	Neal Creek near Lillington	37.6	.....	7	.063	.015	.004	.....	.....	0
				30	.115	.033	.014	.005	.....	.....
				60	.195	.060	.028	.013	.004	.....
				90	.270	.094	.043	.021	.009	.005
				120	.380	.152	.082	.043	.024	.015
				183	.530	.275	.175	.105	.066	.048
				274	.730	.440	.300	.210	.140	.110
135	Cape Fear River at Lillington	3,440	R_{11}	7	.090	.039	.024	.016	.011	.009
				30	.135	.062	.038	.026	.018	.015
				60	.185	.086	.053	.036	.025	.021
				90	.227	.105	.065	.044	.031	.025
				120	.314	.157	.106	.075	.053	.044
				183	.430	.250	.180	.128	.093	.078
				274	.581	.369	.273	.203	.154	.128
136	Upper Little River near Lillington	180	.....	7	.104	.027	.010	.003	.0008	0
				30	.170	.064	.025	.010	.004	.002
				60	.265	.100	.048	.024	.010	.006
				90	.335	.142	.074	.035	.017	.011
				120	.450	.215	.130	.074	.054	.028
				183	.598	.345	.235	.160	.109	.082
				274	.780	.510	.365	.275	.200	.165
137	Crane Creek near Vass	32.4	.....	7	.022	.001	0	0	0	0
				30	.066	.007	.001	0	0	0
				60	.125	.022	.004	.0008	0	0
				90	.180	.039	.010	.002	0	0
				120	.285	.086	.033	.010	.002	.001
				183	.445	.210	.102	.049	.022	.012
				274	.695	.380	.230	.139	.070	.049

138	Little River at Manchester	348	R_{22}	7	.244	.158	.127	.106	.090	.082
				30	.310	.198	.155	.129	.108	.099
				60	.388	.241	.188	.152	.127	.114
				90	.448	.279	.216	.171	.143	.129
				120	.546	.345	.270	.216	.180	.159
				183	.678	.460	.365	.293	.250	.224
				274	.848	.592	.480	.397	.328	.293
139	Little River at Linden	460	R_{31}	7	.235	.141	.111	.089	.073	.065
				30	.300	.185	.139	.113	.091	.083
				60	.380	.230	.174	.137	.111	.098
				90	.446	.274	.204	.157	.126	.113
				120	.543	.337	.261	.204	.165	.143
				183	.674	.454	.359	.287	.239	.213
				274	.848	.598	.478	.391	.326	.293
140	Cape Fear River at Fayetteville	4,370	R_{126}	7	.121	.069	.050	.038	.030	.025
				30	.167	.096	.069	.053	.041	.035
				60	.240	.133	.096	.072	.055	.048
				90	.293	.165	.119	.089	.069	.059
				120	.343	.197	.144	.112	.087	.076
				183	.469	.286	.217	.172	.137	.119
				274	.618	.407	.316	.245	.192	.165
141	Rockfish Creek at Raeford	90.7	.....	7	.630	.510	.460	.415	.379	.360
				30	.700	.570	.505	.460	.418	.400
				60	.770	.625	.555	.505	.460	.430
				90	.815	.670	.595	.530	.480	.460
				120	.880	.730	.655	.595	.540	.510
				183	.950	.820	.750	.680	.635	.600
				274	1.04	.910	.840	.775	.720	.690
142	Rockfish Creek near Hope Mills	284	$R_{2.8}$	7	.570	.437	.373	.324	.282	.264
				30	.658	.504	.430	.377	.327	.303
				60	.743	.567	.482	.415	.366	.338
				90	.810	.616	.528	.458	.398	.370
				120	.891	.704	.599	.528	.461	.430
				183	1.02	.827	.722	.637	.567	.532
				274	1.15	.951	.845	.761	.687	.651
143	Cape Fear River at lock 3, near Tar Heel	4,810	208	7	.173	.106	.080	.063	.052	.046
				30	.225	.137	.104	.082	.067	.058
				60	.281	.168	.127	.101	.081	.071
				90	.333	.200	.150	.116	.094	.082
				120	.416	.254	.193	.154	.125	.110
				183	.536	.353	.270	.218	.179	.158
				274	.665	.462	.370	.297	.245	.218

Table 8.—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
145	Turnbull Creek near Elizabethtown	71.6	.....	7	0.044	0.012	0.005	0.002	0.0008	0.0005
				30	.080	.024	.011	.005	.002	.001
				60	.133	.042	.020	.009	.005	.003
				90	.169	.062	.029	.014	.007	.005
				120	.245	.101	.057	.031	.016	.012
				183	.362	.183	.116	.072	.045	.033
				274	.498	.299	.204	.138	.093	.074
146	Livingstone Creek near Acme	90.4	.....	7	.021	.002	.0008	0	0	0
				30	.048	.009	.002	.0008	0	0
				60	.099	.021	.006	.002	.0006	0
				90	.144	.034	.011	.004	.001	.0008
				120	.238	.071	.030	.012	.005	.002
				183	.419	.162	.084	.044	.021	.014
				274	.686	.312	.182	.108	.061	.042
147	Hood Creek near Leland	21.6	.....	7	.018	.012	.....	0	0	0
				30	.051	.006	.002	.....	0	0
				60	.110	.017	.004	.002	.....	.....
				90	.160	.032	.009	.003	.001	.....
				120	.262	.077	.028	.010	.003	.002
				183	.430	.180	.092	.043	.017	.010
				274	.670	.335	.203	.118	.063	.040
148	Little Coharie Creek near Roseboro	96.4	0.1	7	.130	.046	.021	.010	.005	.004
				30	.192	.084	.045	.023	.012	.008
				60	.275	.124	.070	.038	.021	.015
				90	.332	.161	.094	.055	.032	.023
				120	.436	.233	.150	.099	.061	.045
				183	.581	.353	.249	.183	.128	.102
				274	.747	.498	.322	.284	.218	.186
149	Six Runs Creek near Clinton	110	.....	7	.032	.002	0	0	0	0
				30	.080	.010	.002	0	0	0
				60	.106	.030	.007	.001	0	0
				90	.225	.052	.015	.003	.0006	0
				120	.315	.113	.049	.018	.005	.002
				183	.440	.242	.137	.073	.033	.021
				274	.600	.370	.270	.180	.100	.074

150	Black River near Tomahawk	680	8.9	7	.134	.071	.049	.035	.026	.023
				30	.188	.100	.069	.050	.037	.031
				60	.250	.131	.088	.063	.049	.041
				90	.294	.159	.107	.078	.058	.050
				120	.382	.219	.153	.110	.082	.069
				183	.497	.315	.234	.176	.132	.112
				274	.632	.426	.331	.262	.206	.179
151	South River near Parkersburg	382	.1	7	.072	.021	.009	.004	.002	.001
				30	.123	.042	.020	.010	.005	.003
				60	.196	.068	.034	.017	.009	.006
				90	.246	.097	.049	.026	.014	.010
				120	.340	.154	.090	.052	.029	.021
				183	.484	.264	.173	.113	.073	.055
				274	.654	.406	.288	.204	.143	.115
152	Colly Creek near Kelly	103	0	7	.021	.001	0	0	0	0
				30	.067	.006	.001	0	0	0
				60	.144	.021	.004	.0008	0	0
				90	.206	.041	.009	.002	0	0
				120	.325	.101	.036	.010	.003	.001
				183	.504	.229	.122	.056	.021	.012
				274	.738	.408	.257	.155	.084	.051
154	Northeast Cape Fear River near Chinquapin	600	5.3	7	.073	.033	.021	.014	.009	.008
				30	.113	.050	.032	.021	.014	.012
				60	.163	.072	.044	.029	.020	.016
				90	.208	.092	.056	.037	.026	.021
				120	.287	.137	.088	.059	.042	.033
				183	.413	.225	.150	.105	.075	.062
				274	.583	.342	.247	.175	.128	.107
155	Rockfish Creek near Wallace	63.8	[b] .04	7	.039	.010	.004	.002	.001	.0007
				30	.069	.022	.010	.005	.002	.002
				60	.114	.037	.017	.008	.004	.003
				90	.150	.052	.026	.013	.007	.005
				120	.235	.090	.049	.027	.015	.010
				183	.355	.170	.100	.063	.038	.027
				274	.500	.280	.185	.124	.082	.066

[b] Result of discharge measurement, September 18, 1954.

Table 8.—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
	LOCKWOODS FOLLY RIVER BASIN									
157	Pinch Gut Creek near Bolivia	20.3	.....	7	0.062	0.038	0.026	0.019	0.014	0.012
				30	.082	.050	.036	.026	.020	.017
				60	.110	.062	.047	.034	.025	.021
				90	.135	.072	.053	.041	.031	.026
				120	.183	.094	.068	.054	.042	.037
				183	.292	.142	.102	.078	.062	.056
				274	.455	.230	.155	.115	.089	.078
	WACCAMAW RIVER BASIN									
158	Waccamaw River at Freeland	706	0.1	7	.026	.004	.001	0	0	0
				30	.052	.012	.004	.001	.0005	0
				60	.097	.025	.009	.003	.001	.0006
				90	.133	.039	.016	.006	.002	.001
				120	.205	.072	.035	.017	.007	.004
				183	.325	.144	.083	.048	.026	.018
				274	.503	.255	.163	.103	.064	.047
	YADKIN - PEE DEE RIVER BASIN									
159	Yadkin River at Patterson	29.0	5.3	7	.556	.396	.323	.267	.226	.205
				30	.667	.469	.382	.319	.267	.243
				60	.764	.576	.441	.365	.306	.278
				90	.868	.608	.500	.417	.344	.312
				120	.972	.677	.552	.465	.399	.361
				183	1.13	.816	.687	.583	.503	.462
				274	1.34	.993	.833	.729	.635	.590
160	Yadkin River near Patterson	75.4	.....	7	.555	.395	.323	.265	.225	.203
				30	.665	.470	.382	.320	.265	.240
				60	.770	.580	.440	.365	.304	.278
				90	.875	.610	.500	.418	.344	.312
				120	.980	.680	.548	.465	.400	.360
				183	1.13	.820	.698	.584	.502	.465
				274	1.34	1.00	.840	.735	.635	.595

161	Elk Creek at Elkville	50.9	.....	7	.510	.345	.272	.214	.172	.150
				30	.615	.420	.330	.268	.214	.190
				60	.705	.530	.390	.315	.252	.225
				90	.805	.560	.452	.368	.292	.260
				120	.900	.625	.505	.420	.350	.315
				183	1.03	.755	.635	.535	.455	.420
				274	1.22	.930	.770	.675	.590	.545
162	Stony Fork near Ferguson	35.1	.....	7	.670	.500	.423	.367	.320	.295
				30	.775	.590	.495	.420	.372	.345
				60	.865	.655	.558	.478	.415	.389
				90	.950	.710	.600	.520	.455	.420
				120	1.02	.780	.655	.565	.500	.465
				183	1.17	.900	.780	.680	.600	.555
				274	1.37	1.08	.930	.820	.730	.690
163	North Prong Lewis Fork Creek at Champion	33.6	.....	7	.630	.478	.405	.355	.314	.290
				30	.740	.560	.470	.405	.360	.335
				60	.820	.620	.530	.455	.400	.370
				90	.910	.675	.570	.495	.440	.405
				120	.980	.740	.620	.540	.475	.445
				183	1.13	.860	.740	.640	.570	.530
				274	1.30	1.02	.890	.780	.700	.655
164	South Prong Lewis Fork Creek at Champion	31.2	.....	7	.760	.575	.490	.430	.380	.350
				30	.885	.675	.565	.490	.435	.405
				60	.975	.740	.640	.550	.483	.447
				90	1.08	.810	.690	.595	.530	.490
				120	1.17	.880	.740	.650	.575	.538
				183	1.32	1.02	.880	.770	.690	.640
				274	1.51	1.21	1.05	.930	.840	.785
165	Middle Fork Reddies River near Wilbar	13.9	.....	7	.840	.598	.480	.390	.327	.293
				30	1.02	.710	.570	.470	.392	.355
				60	1.15	.870	.660	.545	.450	.405
				90	1.29	.920	.758	.630	.510	.460
				120	1.48	1.02	.830	.700	.600	.540
				183	1.62	1.21	1.03	.880	.760	.700
				274	1.89	1.46	1.24	1.10	.940	.895
166	Reddies River at North Wilkesboro	93.9	23	7	.628	.469	.394	.341	.297	.274
				30	.735	.554	.463	.394	.346	.319
				60	.820	.618	.522	.447	.389	.361
				90	.905	.671	.564	.490	.426	.394
				120	.980	.735	.618	.532	.469	.437
				183	1.12	.852	.735	.639	.564	.522
				274	1.30	1.02	.884	.777	.692	.650

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
167	Yadkin River at Wilkesboro	493	110	7	0.649	0.477	0.402	0.345	0.300	0.274
				30	.751	.554	.467	.396	.345	.316
				60	.852	.629	.517	.446	.385	.357
				90	.943	.690	.576	.497	.428	.396
				120	1.03	.761	.629	.548	.477	.440
				183	1.18	.882	.761	.667	.582	.544
				274	1.38	1.06	.923	.811	.720	.669
168	Mulberry Creek near North Wilkesboro	43.0	.....	7	.680	.510	.435	.375	.328	.302
				30	.790	.600	.510	.433	.380	.355
				60	.890	.670	.570	.490	.430	.400
				90	.990	.730	.615	.540	.465	.435
				120	1.07	.790	.670	.580	.510	.475
				183	1.21	.930	.790	.690	.620	.570
				274	1.42	1.11	.960	.840	.750	.710
169	Roaring River near Roaring River	122	.....	7	.580	.415	.340	.290	.245	.225
				30	.690	.500	.410	.340	.295	.269
				60	.780	.565	.465	.390	.335	.305
				90	.880	.620	.510	.435	.370	.340
				120	.960	.690	.565	.480	.415	.380
				183	1.11	.820	.690	.590	.510	.465
				274	1.29	1.00	.855	.735	.645	.600
170	Bugaboo Creek at Ronda	18	.....	7	.510	.400	.345	.308	.272	.255
				30	.590	.463	.395	.345	.310	.290
				60	.650	.503	.440	.385	.340	.320
				90	.702	.542	.470	.415	.370	.345
				120	.760	.590	.500	.450	.400	.380
				183	.860	.678	.590	.522	.470	.440
				274	.980	.790	.690	.620	.560	.530
171	Mitchell River near Mountain Park	32.8	.....	7	.700	.525	.445	.387	.340	.315
				30	.810	.615	.520	.445	.395	.365
				60	.900	.685	.580	.500	.440	.410
				90	.990	.740	.630	.545	.480	.445
				120	1.07	.810	.690	.590	.525	.490
				183	1.22	.935	.810	.710	.630	.580
				274	1.40	1.11	.970	.860	.770	.720

172	Mitchell River near State Road	80.4	.....	7	.635	.478	.390	.328	.279	.255
				30	.740	.540	.455	.388	.330	.300
				60	.830	.610	.510	.430	.365	.335
				90	.920	.680	.570	.485	.415	.381
				120	1.03	.745	.620	.535	.460	.425
				183	1.15	.860	.740	.640	.565	.530
				274	1.35	1.05	.910	.800	.715	.665
173	Fisher River near Copeland	121	15	7	.587	.397	.314	.252	.207	.186
				30	.702	.479	.380	.310	.256	.227
				60	.810	.554	.438	.355	.289	.260
				90	.917	.636	.508	.413	.339	.306
				120	1.03	.711	.570	.471	.388	.347
				183	1.17	.843	.711	.595	.504	.463
				274	1.39	1.06	.901	.777	.678	.620
174	Ararat River at Mount Airy	66.6	.....	7	.470	.305	.240	.188	.151	.136
				30	.570	.375	.295	.235	.190	.168
				60	.670	.440	.342	.270	.219	.195
				90	.760	.510	.400	.320	.260	.231
				120	.860	.580	.455	.370	.300	.265
				183	.970	.690	.580	.475	.400	.362
				274	1.14	.880	.745	.635	.545	.498
175	Stewarts Creek near Mount Airy	89.2	.....	7	.538	.379	.305	.250	.210	.191
				30	.562	.440	.365	.302	.255	.228
				60	.640	.508	.412	.340	.282	.257
				90	.802	.575	.470	.390	.328	.300
				120	.910	.635	.522	.440	.370	.335
				183	1.02	.740	.635	.540	.470	.433
				274	1.22	.925	.785	.690	.610	.561
176	Toms Creek at Pilot Mountain	29.9	.....	7	.330	.234	.183	.148	.119	.108
				30	.400	.285	.229	.183	.151	.133
				60	.460	.320	.265	.214	.176	.156
				90	.520	.370	.296	.245	.200	.179
				120	.565	.400	.330	.270	.230	.209
				183	.675	.490	.400	.342	.285	.260
				274	.820	.600	.505	.445	.390	.360
177	Little Yadkin River near Donnaha	60	11	7	.250	.168	.122	.095	.073	.062
				30	.315	.212	.163	.122	.097	.082
				60	.363	.245	.194	.150	.116	.101
				90	.412	.280	.223	.178	.136	.119
				120	.450	.315	.250	.202	.165	.145
				183	.538	.390	.315	.262	.211	.193
				274	.660	.475	.400	.350	.300	.273

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
178	Forbush Creek near Yadkinville	21.7	0.6	7	0.313	0.180	0.122	0.083	0.058	0.046
				30	.387	.244	.171	.120	.083	.067
				60	.447	.300	.221	.157	.113	.092
				90	.521	.350	.263	.194	.143	.120
				120	.590	.396	.309	.244	.184	.152
				183	.700	.498	.406	.332	.272	.244
				274	.866	.622	.516	.433	.369	.336
179	South Deep Creek at Shacktown	65.9	.....	7	.332	.224	.179	.142	.117	.102
				30	.417	.280	.220	.175	.142	.130
				60	.500	.328	.255	.205	.167	.149
				90	.575	.378	.295	.239	.194	.170
				120	.660	.440	.342	.275	.223	.200
				183	.770	.520	.430	.350	.295	.270
				274	.920	.670	.550	.462	.400	.360
180	North Deep Creek near Yadkinville	35	.....	7	.290	.160	.112	.079	.058	.048
				30	.370	.220	.151	.110	.079	.065
				60	.435	.278	.199	.140	.103	.087
				90	.510	.330	.240	.172	.129	.110
				120	.580	.380	.285	.220	.164	.138
				183	.700	.490	.390	.310	.249	.220
				274	.880	.620	.500	.420	.350	.315
181	Muddy Creek near Clemmons	105	.....	7	.264	.156	.111	.081	.058	.049
				30	.349	.211	.150	.114	.084	.070
				60	.423	.262	.189	.141	.108	.090
				90	.481	.304	.222	.169	.129	.110
				120	.539	.354	.270	.206	.160	.138
				183	.655	.455	.370	.296	.236	.211
				274	.846	.587	.481	.396	.333	.296
182	South Fork Muddy Creek near Winston-Salem	38.5	.....	7	.320	.247	.213	.190	.170	.160
				30	.379	.282	.242	.213	.191	.180
				60	.432	.318	.269	.235	.210	.196
				90	.480	.345	.290	.255	.228	.212
				120	.540	.380	.322	.280	.250	.232
				183	.640	.463	.395	.341	.300	.280
				274	.840	.580	.480	.415	.365	.340

183	Reedy Creek near Yadkin College	13.3	.3	7	.157	.072	.046	.032	.....	.....
				30	.223	.109	.069	.046	.033	.027
				60	.284	.150	.096	.061	.043	.036
				90	.340	.189	.124	.081	.056	.046
				120	.405	.230	.155	.106	.075	.061
				183	.519	.323	.240	.180	.130	.108
				274	.700	.450	.345	.270	.210	.183
184	Yadkin River at Yadkin College	2,280	R330	7	.539	.386	.316	.272	.237	.215
				30	.649	.456	.377	.325	.281	.259
				60	.737	.526	.430	.360	.316	.289
				90	.825	.579	.474	.408	.351	.325
				120	.877	.636	.526	.447	.386	.355
				183	1.01	.768	.658	.570	.496	.452
				274	1.21	.930	.794	.702	.605	.561
185	Dutchmans Creek near Cornatzer	83.6	4.5	7	.190	.080	.042	.024	.015	.011
				30	.280	.130	.073	.043	.027	.021
				60	.350	.179	.103	.062	.040	.030
				90	.435	.225	.145	.089	.055	.043
				120	.520	.230	.180	.122	.080	.061
				183	.630	.380	.280	.200	.150	.121
				274	.860	.550	.420	.320	.253	.215
186	South Yadkin River near Statesville	77.0	.....	7	.420	.296	.230	.188	.155	.134
				30	.515	.355	.283	.229	.188	.155
				60	.590	.420	.330	.265	.220	.195
				90	.655	.465	.380	.308	.252	.225
				120	.740	.530	.425	.350	.289	.260
				183	.850	.630	.530	.445	.380	.350
				274	1.02	.770	.660	.560	.485	.450
187	Rocky Creek at Turnersburg	102	8.8	7	.412	.289	.233	.193	.159	.143
				30	.495	.353	.284	.235	.196	.176
				60	.569	.402	.324	.265	.225	.201
				90	.637	.451	.368	.304	.255	.232
				120	.716	.510	.412	.343	.289	.264
				183	.814	.598	.500	.431	.368	.338
				274	.971	.735	.627	.539	.471	.436
188	Fifth Creek near Statesville	27.0	.....	7	.368	.252	.200	.162	.131	.117
				30	.449	.310	.249	.202	.168	.149
				60	.515	.360	.285	.230	.193	.173
				90	.585	.405	.328	.266	.220	.199
				120	.660	.460	.368	.301	.252	.229
				183	.760	.550	.450	.385	.328	.298
				274	.920	.680	.575	.490	.425	.390

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
189	South Yadkin River near Mocksville	313	32	7	0.383	0.268	0.214	0.179	0.153	0.141
				30	.466	.319	.259	.217	.185	.169
				60	.527	.367	.294	.246	.211	.192
				90	.597	.415	.335	.278	.236	.217
				120	.665	.463	.374	.313	.268	.243
				183	.751	.550	.463	.393	.342	.313
				274	.914	.687	.578	.502	.438	.406
190	Hunting Creek near Harmony	153	22	7	.493	.359	.301	.255	.219	.201
				30	.575	.422	.353	.299	.256	.235
				60	.654	.477	.395	.337	.289	.265
				90	.732	.536	.444	.373	.320	.294
				120	.810	.588	.484	.415	.359	.330
				183	.915	.693	.588	.510	.448	.415
				274	1.07	.837	.719	.627	.556	.516
191	Bear Creek at Mocksville	23.3	.....	7	.210	.078	.039	.020	.010	.006
				30	.330	.140	.075	.041	.022	.014
				60	.435	.198	.109	.060	.035	.024
				90	.536	.262	.156	.091	.053	.039
				120	.640	.350	.207	.130	.078	.059
				183	.770	.485	.335	.235	.156	.124
				274	.950	.670	.520	.390	.290	.245
192	South Yadkin River at Cooleemee	569	R23	7	.385	.264	.211	.176	.148	.134
				30	.469	.325	.264	.214	.179	.162
				60	.540	.369	.299	.246	.207	.190
				90	.606	.413	.330	.272	.232	.211
				120	.685	.475	.380	.316	.264	.244
				183	.791	.562	.466	.395	.343	.316
				274	.949	.703	.583	.501	.439	.404
193	Third Creek Subwatershed No. 7A near Stony Point	4.84	.....	7	.495	.404	.372	.345	.323	.309
				30	.560	.446	.402	.370	.345	.330
				60	.620	.490	.431	.392	.365	.350
				90	.670	.523	.467	.417	.385	.368
				120	.740	.571	.500	.445	.405	.389
				183	.840	.650	.570	.510	.465	.445
				274	1.00	.770	.670	.595	.542	.518

194	Third Creek subwatershed No. 21 (IL Creek) at Troutman	1.62	.1	7	.368	.242	.188	.150	.120	.104
				30	.458	.310	.240	.192	.150	.131
				60	.530	.358	.282	.228	.186	.160
				90	.600	.415	.328	.262	.212	.186
				120	.670	.462	.370	.300	.248	.214
				183	.765	.545	.460	.392	.335	.300
				274	.930	.695	.580	.496	.430	.392
195	Third Creek at Cleveland	87.4	R10	7	.358	.254	.208	.177	.151	.137
				30	.436	.309	.252	.211	.177	.161
				60	.498	.349	.286	.240	.206	.185
				90	.566	.400	.325	.271	.229	.206
				120	.629	.441	.360	.300	.257	.230
				183	.721	.515	.438	.378	.330	.300
				274	.881	.652	.547	.469	.412	.378
196	Fourth Creek at Statesville	15.8	.....	7	.415	.305	.253	.215	.183	.168
				30	.490	.363	.300	.255	.219	.200
				60	.555	.405	.337	.282	.248	.225
				90	.620	.450	.375	.320	.275	.255
				120	.695	.505	.415	.355	.305	.280
				183	.780	.590	.495	.430	.375	.350
				274	.920	.710	.610	.530	.470	.440
197	North Second Creek near Barber	120	.....	7	.275	.179	.144	.121	.105	.097
				30	.340	.227	.175	.145	.125	.115
				60	.395	.270	.210	.165	.140	.130
				90	.450	.305	.240	.190	.159	.145
				120	.500	.345	.275	.220	.180	.165
				183	.610	.430	.355	.300	.249	.222
				274	.790	.550	.450	.380	.320	.300
198	Grants Creek at Salisbury	39	.....	7	.250	.159	.122	.097	.078	.068
				30	.322	.205	.157	.123	.097	.087
				60	.385	.240	.186	.147	.119	.103
				90	.460	.289	.220	.172	.139	.120
				120	.530	.325	.250	.199	.161	.140
				183	.630	.405	.325	.268	.223	.199
				274	.810	.555	.440	.355	.300	.268
199	Yadkin River near Salisbury[N]	3,470	670	7	.418	.305	.254	.215	.183	.166
				30	.496	.360	.300	.252	.213	.195
				60	.562	.409	.337	.288	.244	.222
				90	.634	.452	.375	.317	.268	.245
				120	.692	.504	.418	.357	.308	.282
				183	.807	.591	.504	.438	.383	.354
				274	.980	.735	.620	.536	.476	.441

Table 8.—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
200	Swearing Creek at Linwood	35.3	.....	7	0.216	0.123	0.090	0.072	0.058	0.052
				30	.281	.168	.119	.093	.076	.065
				60	.340	.210	.150	.110	.087	.078
				90	.398	.250	.182	.133	.104	.092
				120	.460	.288	.216	.163	.125	.110
				183	.568	.379	.300	.240	.190	.165
				274	.760	.501	.401	.328	.268	.242
201	South Second Creek near Liberty	33	.....	7	.133	.083	.067	.057	.....	.....
				30	.188	.104	.081	.066	.056	.....
				60	.238	.130	.096	.076	.063	.058
				90	.295	.156	.112	.088	.072	.065
				120	.366	.190	.134	.102	.083	.074
				183	.510	.266	.190	.145	.115	.102
				274	.780	.398	.286	.220	.172	.152
202	Abbotts Creek near Wallburg	33.3	.....	7	.199	.113	.082	.059	.043	.036
				30	.268	.156	.111	.082	.061	.051
				60	.334	.196	.140	.103	.079	.065
				90	.390	.230	.168	.125	.095	.081
				120	.451	.271	.202	.153	.118	.100
				183	.567	.371	.286	.224	.178	.156
				274	.779	.498	.390	.312	.252	.221
203	Abbotts Creek near Thomasville	65.9	.....	7	.199	.115	.084	.062	.047	.040
				30	.268	.156	.112	.084	.064	.054
				60	.334	.196	.140	.104	.081	.068
				90	.390	.230	.168	.125	.096	.083
				120	.451	.271	.202	.153	.118	.103
				183	.567	.371	.286	.224	.178	.156
				274	.779	.498	.390	.312	.252	.221
204	Rich Fork near Holly Grove	48.2	.....	7	.118	.046	.027	.018	.....	.....
				30	.178	.078	.044	.028	.019	.015
				60	.239	.112	.065	.038	.025	.021
				90	.298	.146	.089	.053	.034	.028
				120	.365	.182	.118	.075	.048	.038
				183	.490	.278	.195	.140	.095	.076
				274	.710	.415	.300	.222	.163	.141

205	Abbotts Creek at Lexington	174	R.9	7	.118	.046	.027	.018	.012	.010
				30	.178	.078	.044	.028	.019	.015
				60	.239	.112	.065	.038	.025	.021
				90	.299	.147	.089	.053	.034	.028
				120	.368	.184	.118	.075	.048	.038
				183	.494	.279	.195	.139	.095	.076
				274	.718	.420	.305	.224	.164	.142
206	Fourmile Branch near Southmont	14.3	0	7	.002	0	0	0	0	0
				30	.010	0	0	0	0	0
				60	.028	.001	0	0	0	0
				90	.055	.004	0	0	0	0
				120	.099	.011	.002	0	0	0
				183	.208	.046	.014	.004	.0006	0
				274	.440	.140	.059	.023	.007	.004
207	Yadkin River at High Rock[N]	4,000	916	7	.400	.285	.235	.195	.164	.148
				30	.475	.340	.280	.230	.192	.172
208	Uwharrie River near Trinity	11.3	0	7	.078	.020	.006	.001	0	0
				30	.133	.045	.019	.007	.002	.0007
				60	.199	.074	.035	.015	.006	.002
				90	.261	.102	.052	.025	.011	.006
				120	.336	.142	.080	.044	.023	.015
				183	.478	.239	.150	.097	.061	.046
				274	.708	.434	.257	.175	.119	.096
209	Uwharrie River near Asheboro	37	.....	7	.083	.023	.009	.007	.004	.003
				30	.135	.048	.022	.009	.007	.005
				60	.188	.079	.037	.017	.010	.008
				90	.240	.106	.059	.029	.016	.011
				120	.297	.138	.082	.046	.025	.018
				183	.405	.194	.147	.102	.064	.047
				274	.595	.345	.244	.172	.122	.097
210	Uwharrie River near Eldorado	347	R.5	7	.088	.021	.008	.004	.002	.001
				30	.147	.050	.019	.008	.004	.003
				60	.205	.084	.037	.014	.007	.004
				90	.262	.115	.062	.028	.013	.008
				120	.331	.150	.086	.048	.023	.015
				183	.455	.242	.161	.110	.068	.049
				274	.677	.386	.268	.190	.133	.104
211	Clarke Creek near Harrisburg	21.8	.....	7	.149	.085	.061	.047	.036	.031
				30	.202	.116	.083	.062	.047	.041
				60	.250	.141	.103	.077	.060	.050
				90	.310	.176	.127	.093	.071	.060
				120	.365	.205	.149	.111	.086	.072
				183	.460	.265	.205	.160	.129	.111
				274	.630	.390	.290	.228	.184	.160

690-432 O—63——9

Table 8.—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
212	Rocky River near Roberta Mill	87.9	.....	7	0.195	0.110	0.080	0.060	0.046	0.040
				30	.268	.147	.103	.076	.058	.051
				60	.340	.190	.130	.094	.072	.061
				90	.405	.229	.159	.117	.088	.076
				120	.475	.280	.202	.145	.109	.094
				183	.625	.380	.280	.214	.163	.139
				274	.810	.530	.405	.315	.250	.210
213	Mallard Creek at Harrisburg	41.2	.....	7	.140	.054	.029	.015	.007	.005
				30	.215	.089	.048	.026	.014	.010
				60	.295	.135	.073	.039	.023	.016
				90	.365	.173	.101	.060	.035	.026
				120	.450	.228	.149	.087	.052	.039
				183	.620	.335	.225	.160	.105	.082
				274	.800	.500	.365	.270	.195	.155
214	Coddle Creek near Concord	57	.....	7	.243	.155	.119	.091	.071	.062
				30	.310	.195	.149	.113	.088	.079
				60	.380	.238	.178	.135	.109	.094
				90	.440	.274	.207	.162	.129	.113
				120	.510	.320	.250	.191	.151	.136
				183	.645	.415	.320	.260	.211	.188
				274	.810	.555	.440	.359	.293	.260
215	Reedy Creek at Rocky River	30.8	.....	7	.216	.092	.053	.030	.018	.013
				30	.298	.149	.084	.048	.028	.022
				60	.385	.208	.122	.070	.044	.032
				90	.445	.255	.165	.101	.062	.048
				120	.520	.315	.225	.144	.090	.070
				183	.660	.420	.315	.240	.170	.138
				274	.800	.570	.445	.355	.280	.235
216	Rocky River near Concord	402	.....	7	.182	.115	.089	.069	.055	.....
				30	.240	.145	.110	.084	.067	.061
				60	.305	.178	.131	.100	.082	.071
				90	.355	.210	.154	.120	.095	.084
				120	.425	.250	.190	.141	.112	.100
				183	.550	.335	.250	.195	.158	.139
				274	.710	.460	.355	.285	.225	.195

217	Dutch Buffalo Creek at Mount Pleasant	64.1	.6	7	.090	.038	.022	.014	.....	.....
				30	.145	.064	.038	.023	.....	.....
				60	.195	.086	.052	.033	.022	.016
				90	.260	.117	.072	.045	.030	.022
				120	.330	.147	.090	.059	.040	.030
				183	.440	.210	.146	.100	.072	.059
				274	.680	.355	.240	.170	.125	.100
218	Big Bear Creek near Richfield	55.7	0	7	.060	.016	.008	.004	.....	.....
				30	.118	.033	.015	.007	.004	.....
				60	.180	.056	.025	.012	.006	.004
				90	.251	.083	.039	.020	.010	.007
				120	.341	.121	.061	.032	.017	.011
				183	.510	.215	.123	.072	.043	.031
				274	.772	.381	.241	.156	.102	.080
220	Richardson Creek near Wingate	98.2	.....	7	.032	.013	.008	.005	.003	.003
				30	.054	.020	.012	.007	.005	.004
				60	.086	.030	.017	.010	.007	.005
				90	.122	.041	.023	.014	.009	.007
				120	.178	.058	.033	.020	.013	.010
				183	.325	.105	.058	.037	.024	.019
				274	.550	.220	.120	.074	.047	.035
221	Richardson Creek near Marshville[N]	170	0	7	.....	.....	.....	.....	.....	.....
				30	.030	.....	.....	.....	.....	.....
				60	.062	.....	.....	.....	.....	.....
				90	.093	.....	.....	.....	.....	.....
				120	.142	.035	.....	.....	.....	.....
				183	.265	.080	.035	.....	.....	.....
				274	.430	.180	.094	.049	.....	.....
222	Rocky River near Norwood	1.370	19	7	.067	.040	.031	.025	.020	.018
				30	.112	.058	.044	.034	.028	.025
				60	.174	.086	.061	.048	.039	.034
				90	.259	.124	.085	.064	.051	.044
				120	.339	.184	.128	.094	.072	.061
				183	.460	.277	.209	.165	.131	.113
				274	.479	.431	.338	.270	.218	.190
223	Little Brown Creek near Polkton	13.5	0	7	.002	0	0	0	0	0
				30	.008	0	0	0	0	0
				60	.024	.001	0	0	0	0
				90	.050	.004	.0006	0	0	0
				120	.098	.009	.002	0	0	0
				183	.206	.039	.010	.002	.0005	0
				274	.422	.129	.050	.017	.005	.003

Table 8.—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
224	Brown Creek near Polkton	110	0	7	0.006	0	0	0	0	0
				30	.019	.002	0	0	0	0
				60	.040	.005	.0009	0	0	0
				90	.067	.011	.002	.0005	0	0
				120	.116	.022	.006	.002	0	0
				183	.218	.056	.022	.008	.003	.002
				274	.400	.144	.068	.031	.014	.008
226	Little River near Star	105	.3	7	.159	.047	.016	.006	.002	.001
				30	.248	.098	.044	.017	.006	.004
				60	.329	.152	.078	.034	.014	.008
				90	.400	.200	.117	.060	.028	.017
				120	.486	.252	.161	.097	.052	.035
				183	.667	.386	.276	.194	.130	.100
				274	.886	.562	.419	.314	.233	.195
227	Big Mountain Creek near Ellerbe	33.4	.4	7	.193	.114	.084	.063	.050	.043
				30	.262	.156	.112	.083	.064	.055
				60	.326	.196	.141	.105	.080	.068
				90	.374	.228	.168	.126	.096	.081
				120	.449	.286	.217	.169	.132	.114
				183	.563	.386	.308	.244	.196	.172
				274	.710	.509	.413	.338	.275	.246
228	Cartledge Creek near Rockingham	31.4	.....	7	.059	.004	0	0	0	0
				30	.165	.025	.004	0	0	0
				60	.270	.059	.016	.002	0	0
				90	.355	.100	.033	.008	.0008	0
				120	.510	.200	.086	.031	.011	.003
				183	.730	.390	.230	.130	.060	.036
				274	1.04	.630	.420	.290	.175	.125
229	Pee Dee River near Rockingham[N]	6.870	[R]58	7	.298	.204	.160	.127	.102	.090
				30	.367	.250	.196	.157	.125	.111
230	Falling Creek near Rockingham	6.50	.....	7	.500	.350	.290	.240	.212	.200
				30	.630	.425	.345	.273	.245	.226
				60	.730	.500	.400	.330	.280	.255
				90	.800	.560	.450	.370	.310	.285
				120	.910	.660	.540	.450	.380	.340
				183	1.05	.830	.695	.580	.500	.460
				274	1.25	1.00	.860	.740	.640	.580

231	South Fork Jones Creek at U.S. Highway 52 near Morven	35	.....	7	.065	.002	0	0	0	0
				30	.152	.019	.003	0	0	0
				60	.260	.056	.010	0	0	0
				90	.370	.100	.029	.005	0	0
				120	.538	.170	.067	.018	.004	0
				183	.820	.360	.170	.082	.032	.016
				274	1.22	.620	.375	.219	.123	.083
232	North Fork Jones Creek near Wadesboro[N]	10.0	[R].2	7	.127	.048	.025	.....	.....	.....
				30	.204	[illegible]	.042	.....	.....	.....
				60	.288	[illegible]	.066	.035	.....	.....
				90	.360	.161	.091	.052	.031	.....
				120	.447	.218	.136	.077	.046	.035
				183	.621	.329	.218	.146	.095	.073
				274	.837	.504	.360	.260	.182	.142
233	Marks Creek near Osborne	29.2	.....	7	.290	.159	.111	.077	.059	.051
				30	.420	.225	.153	.108	.080	.068
				60	.530	.290	.200	.141	.103	.087
				90	.605	.345	.242	.174	.125	.108
				120	.725	.460	.325	.243	.182	.150
				183	.880	.630	.485	.375	.290	.248
				274	1.07	.820	.665	.540	.430	.380
234	Gum Swamp Creek near Laurinburg	41.1	.....	7	.730	.613	.560	.513	.470	.449
				30	.804	.677	.613	.560	.518	.492
				60	.867	.730	.656	.597	.550	.525
				90	.920	.767	.693	.634	.582	.555
				120	.994	.835	.761	.698	.634	.608
				183	1.10	.930	.856	.782	.730	.698
				274	1.26	1.05	.952	.883	.814	.782
235	Big Shoe Heel Creek near Laurinburg	81.6	.....	7	.388	.280	.231	.192	.166	.152
				30	.476	.338	.274	.228	.199	.178
				60	.549	.388	.319	.264	.225	.206
				90	.595	.427	.352	.295	.249	.228
				120	.673	.502	.414	.352	.303	.271
				183	.777	.619	.518	.450	.388	.357
				274	.911	.735	.634	.559	.487	.445
236	Drowning Creek at Jackson Springs	32.1	.....	7	.537	.314	.226	.161	.124	.107
				30	.694	.433	.307	.219	.165	.142
				60	.798	.537	.394	.285	.212	.180
				90	.864	.608	.468	.347	.255	.218
				120	.978	.732	.589	.466	.361	.299
				183	1.13	.902	.760	.646	.537	.475
				274	1.33	1.07	.922	.817	.703	.646

Table 8.—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
237	Deep Creek near Roseland	18.9	5.9	7	0.677	0.508	0.429	0.370	0.328	0.302
				30	.794	.603	.503	.429	.376	.349
				60	.878	.677	.571	.487	.418	.396
				90	.958	.735	.624	.534	.466	.423
				120	1.06	.836	.714	.630	.556	.513
				183	1.19	.979	.868	.767	.683	.635
				274	1.38	1.14	1.02	.921	.820	.772
238	Drowning Creek near Hoffman	178	29	7	.494	.337	.270	.213	.180	.163
				30	.618	.421	.331	.264	.219	.197
				60	.719	.494	.393	.315	.258	.230
				90	.787	.550	.444	.360	.292	.264
				120	.899	.657	.534	.444	.371	.326
				183	1.04	.815	.680	.579	.494	.449
				274	1.24	.983	.843	.730	.629	.579
240	Lumber River near Pembroke	421	.....	7	.560	.405	.335	.280	.233	.211
				30	.665	.435	.400	.330	.280	.255
				60	.770	.560	.460	.380	.325	.290
				90	.835	.615	.505	.425	.360	.328
				120	.945	.715	.600	.510	.435	.395
				183	1.08	.855	.740	.645	.560	.515
				274	1.25	1.01	.890	.785	.690	.635
241	Little Raft Swamp at Red Springs	23.1	R.7	7	.157	.089	.065	.049	.039	.034
				30	.213	.123	.088	.066	.051	.044
				60	.271	.157	.113	.084	.064	.055
				90	.318	.186	.135	.100	.076	.065
				120	.396	.238	.177	.135	.103	.088
				183	.502	.331	.258	.201	.160	.141
				274	.649	.446	.351	.281	.227	.203
242	Raft Swamp near Lumberton	107	.....	7	.105	.059	.040	.024	.....	0
				30	.141	.082	.058	.040	.024	.016
				60	.178	.105	.075	.053	.037	.028
				90	.205	.122	.089	.065	.047	.038
				120	.257	.158	.119	.090	.068	.057
				183	.325	.214	.169	.132	.105	.091
				274	.420	.288	.230	.185	.148	.130

243	Big Swamp near Tarheel	225	.....	7	.092	.042	.028	.012	.002	0
				30	.131	.071	.044	.026	.014	.008
				60	.170	.092	.062	.040	.025	.017
				90	.193	.110	.077	.053	.034	.026
				120	.240	.145	.105	.077	.056	.043
				183	.300	.205	.152	.115	.092	.079
				274	.385	.275	.215	.173	.135	.116
244	Lumber River at Boardman	1,220	88	7	.246	.164	.131	.107	.088	.079
				30	.311	.205	.162	.131	.107	.097
				60	.377	.246	.193	.154	.126	.113
				90	.426	.279	.217	.175	.143	.129
				120	.513	.340	.270	.220	.180	.160
				183	.631	.443	.361	.295	.246	.221
				274	.779	.566	.467	.389	.324	.291
	CATAWBA - SANTEE RIVER BASIN									
245	Catawba River at Old Fort	14	.....	7	.470	.285	.208	.155	.115	.098
				30	.640	.380	.272	.200	.151	.127
				60	.790	.460	.335	.250	.188	.159
				90	.930	.550	.410	.305	.230	.195
				120	1.08	.650	.485	.365	.290	.250
				183	1.33	.880	.665	.515	.410	.365
				274	1.67	1.15	.905	.740	.590	.520
246	Mill Creek at Old Fort	20.7	[c]3.02	7	.418	.272	.208	.164	.128	.112
				30	.545	.348	.260	.202	.160	.140
				60	.650	.412	.310	.245	.190	.165
				90	.755	.480	.370	.288	.226	.196
				120	.870	.555	.430	.335	.275	.245
				183	1.06	.720	.565	.452	.370	.335
				274	1.32	.925	.740	.620	.510	.460
247	Curtis Creek near Old Fort	17.3	.....	7	.475	.305	.231	.179	.139	.120
				30	.630	.393	.290	.224	.175	.151
				60	.775	.468	.350	.273	.210	.181
				90	.900	.550	.420	.320	.252	.217
				120	1.05	.645	.490	.378	.309	.275
				183	1.30	.855	.660	.515	.420	.378
				274	1.62	1.12	.880	.730	.590	.525
248	Catawba River near Old Fort	57.1	16	7	.470	.323	.260	.210	.170	.150
				30	.590	.400	.312	.252	.205	.183
				60	.690	.463	.363	.298	.238	.211
				90	.780	.530	.421	.340	.276	.245
				120	.890	.600	.480	.390	.328	.298
				183	1.06	.750	.610	.505	.421	.390
				274	1.32	.930	.770	.660	.560	.510

[c] Result of discharge measurement, October 10, 1954.

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
249	Catawba River near Marion	171	R29	7	0.608	0.409	0.292	0.216	0.158	0.132
				30	.748	.515	.392	.286	.213	.175
				60	.883	.602	.474	.357	.263	.222
				90	1.00	.684	.544	.427	.322	.269
				120	1.16	.778	.614	.509	.421	.368
				183	1.36	.977	.789	.655	.561	.503
				274	1.64	1.20	1.00	.848	.731	.667
250	North Fork Catawba River at Pitts	33.0	.....	7	.288	.168	.121	.089	.065	.055
				30	.400	.228	.158	.117	.087	.072
				60	.510	.280	.198	.147	.109	.091
				90	.610	.340	.249	.180	.135	.112
				120	.735	.410	.298	.218	.170	.148
				183	.930	.580	.420	.318	.248	.218
				274	1.18	.800	.600	.475	.368	.320
251	North Muddy Creek near Nebo	43	.....	7	.400	.290	.242	.206	.175	.157
				30	.480	.348	.287	.240	.202	.184
				60	.555	.398	.328	.272	.228	.209
				90	.623	.440	.363	.300	.254	.232
				120	.680	.490	.410	.348	.297	.273
				183	.790	.590	.500	.430	.378	.349
				274	.950	.720	.610	.535	.460	.430
252	Muddy Creek at Bridgewater	99.1	.....	7	.535	.382	.312	.260	.220	.200
				30	.640	.455	.370	.310	.260	.237
				60	.735	.555	.425	.353	.295	.270
				90	.830	.585	.485	.405	.335	.305
				120	.940	.650	.530	.450	.388	.350
				183	1.07	.780	.660	.560	.485	.450
				274	1.28	.950	.800	.700	.610	.570
253	Mill Timber Creek at Crossnore	4.01	.....	7	.737	.534	.436	.364	.....	.....
				30	.910	.642	.517	.429	.....	.....
				60	1.06	.728	.594	.493	.407	.373
				90	1.20	.824	.670	.555	.464	.421
				120	1.35	.924	.757	.622	.536	.493
				183	1.61	1.15	.938	.785	.670	.622
				274	1.92	1.44	1.17	1.01	.862	.795

254	Linville River at Branch	67.2	8	7	.506	.324	.246	.191	.147	.128
				30	.669	.417	.310	.238	.186	.161
				60	.818	.498	.372	.290	.223	.193
				90	.953	.588	.447	.342	.268	.230
				120	1.11	.685	.520	.401	.327	.290
				183	1.37	.907	.699	.550	.447	.401
				274	1.71	1.19	.937	.774	.625	.558
255	Silver Creek near Glen Alpine	25.9	.....	7	.535	.410	.352	.305	.260	.240
				30	.635	.480	.400	.348	.300	.275
				60	.720	.530	.445	.388	.335	.305
				90	.790	.585	.500	.425	.370	.340
				120	.880	.640	.543	.468	.415	.388
				183	1.04	.770	.650	.565	.500	.468
				274	1.25	.930	.780	.695	.605	.570
256	Warrior Fork near Morganton	81.9	.....	7	.390	.260	.205	.163	.132	.116
				30	.500	.325	.250	.200	.160	.141
				60	.600	.385	.295	.236	.189	.165
				90	.685	.445	.349	.273	.220	.195
				120	.800	.509	.400	.316	.262	.235
				183	.960	.660	.520	.420	.350	.316
				274	1.16	.840	.678	.570	.470	.442
257	Catawba River near Morganton	677	280	7	.470	.....	.....	.....	.....	.....
				30	.570	.394	.....	.....	.....	.....
				60	.656	.450	.366	.....	.....	.....
				90	.739	.505	.414	.....	.....	.....
				120	.834	.576	.468	.387	.....	.....
				183	.967	.694	.573	.487	.421	.388
				274	1.17	.857	.716	.617	.539	.502
258	Johns River at Collettsville	69	.....	7	.450	.265	.198	.138	.102	.086
				30	.610	.345	.249	.183	.138	.117
				60	.735	.475	.310	.230	.170	.145
				90	.870	.530	.385	.290	.208	.178
				120	.990	.620	.445	.345	.265	.225
				183	1.18	.800	.630	.485	.390	.340
				274	1.41	1.02	.830	.690	.560	.500
259	Wilson Creek at Adako	68.1	.....	7	.600	.410	.330	.268	.222	.200
				30	.735	.500	.398	.325	.267	.240
				60	.850	.620	.465	.380	.310	.280
				90	.990	.660	.535	.435	.350	.315
				120	1.11	.750	.590	.500	.420	.380
				183	1.31	.920	.755	.630	.540	.490
				274	1.59	1.13	.940	.810	.700	.640

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
260	Lower Creek at Lenoir	13.8	.....	7	0.415	0.265	0.192	0.140	0.101	0.083
				30	.510	.335	.250	.190	.140	.118
				60	.590	.430	.305	.235	.175	.150
				90	.675	.460	.365	.285	.212	.182
				120	.760	.520	.410	.335	.270	.235
				183	.890	.630	.530	.440	.365	.330
				274	1.05	.770	.645	.560	.490	.445
261	Lower Little River near All Healing Springs	31.2	3.1	7	.401	.276	.224	.183	.152	.131
				30	.487	.340	.272	.221	.183	.162
				60	.561	.394	.317	.256	.212	.191
				90	.622	.442	.362	.295	.244	.218
				120	.705	.503	.407	.333	.277	.250
				183	.808	.599	.500	.423	.362	.333
				274	.971	.734	.625	.532	.465	.429
262	Lyle Creek at Catawba	70.7	.....	7	.450	.320	.265	.224	.190	.175
				30	.550	.385	.318	.265	.225	.205
				60	.620	.440	.360	.301	.260	.235
				90	.710	.500	.405	.340	.290	.260
				120	.780	.550	.450	.375	.325	.290
				183	.900	.640	.550	.475	.415	.375
				274	1.10	.810	.690	.590	.515	.470
264	Mountain Creek near Terrell	42.4	.....	7	.322	.208	.158	.125	.100	.089
				30	.419	.269	.205	.160	.125	.111
				60	.495	.315	.243	.193	.155	.133
				90	.585	.375	.296	.226	.180	.155
				120	.660	.425	.330	.260	.210	.181
				183	.770	.519	.420	.350	.293	.260
				274	.970	.685	.555	.460	.390	.350
265	Davidson Creek near Cornelius	38	.....	7	.185	.108	.079	.062	.048	.041
				30	.248	.141	.102	.079	.060	.053
				60	.305	.174	.128	.096	.074	.064
				90	.380	.215	.153	.117	.090	.076
				120	.435	.255	.187	.140	.107	.092
				183	.560	.335	.251	.197	.158	.138
				274	.735	.475	.365	.285	.225	.198

266	Dutchmans Creek near Stanley	112	.....	7	.235	.138	.100	.076	.055	.045
				30	.305	.182	.130	.099	.074	.063
				60	.370	.220	.160	.122	.094	.079
				90	.460	.270	.200	.150	.112	.097
				120	.520	.315	.238	.179	.137	.117
				183	.640	.400	.310	.250	.200	.177
				274	.820	.560	.440	.350	.280	.250
267	Long Creek near Thrift	22.0	.....	7	.124	.063	.041	.027	.018	.015
				30	.184	.089	.053	.039	.026	.022
				60	.255	.121	.077	.051	.036	.029
				90	.320	.151	.097	.068	.047	.039
				120	.396	.196	.132	.087	.061	.051
				183	.550	.295	.196	.140	.102	.084
				274	.720	.445	.320	.230	.170	.135
269	Jacob Fork near Startown	100	.....	7	.540	.335	.318	.265	.222	.205
				30	.665	.465	.375	.310	.260	.235
				60	.795	.535	.428	.358	.298	.270
				90	.900	.600	.490	.400	.340	.302
				120	1.04	.680	.550	.450	.390	.358
				183	1.24	.870	.690	.570	.490	.450
				274	1.55	1.10	.895	.760	.630	.580
270	Maiden Creek at Maiden	14.3	.....	7	.480	.350	.292	.252	.218	.198
				30	.530	.418	.348	.295	.254	.230
				60	.645	.470	.390	.335	.290	.260
				90	.725	.535	.440	.370	.320	.290
				120	.800	.580	.485	.407	.355	.320
				183	.910	.665	.530	.502	.445	.405
				274	1.11	.830	.700	.615	.550	.505
271	Clark Creek at Lincolnton	92.2	.....	7	.342	.234	.185	.144	.130	.115
				30	.430	.290	.230	.188	.155	.140
				60	.495	.335	.245	.220	.183	.162
				90	.570	.390	.310	.250	.210	.182
				120	.640	.435	.345	.283	.235	.210
				183	.740	.520	.430	.365	.313	.280
				274	.910	.670	.550	.465	.400	.345
273	Indian Creek near Laboratory	68.4	5.2	7	.373	.237	.184	.144	.115	.101
				30	.475	.300	.228	.181	.143	.127
				60	.564	.358	.275	.216	.172	.150
				90	.672	.424	.322	.254	.203	.177
				120	.746	.490	.377	.295	.237	.202
				183	.906	.607	.492	.385	.329	.282
				274	1.12	.804	.650	.534	.438	.395

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
275	South Fork Catawba River at Lowell[N]	630	[R]31	7	.....	.....	.....	.....	.....	.....
				30	.....	.....	.....	.....	.....	.....
				60	0.587	.....	.....	.....	.....	.....
				90	.667	.....	.....	.....	.....	.....
				120	.754	.....	.....	.....	.....	.....
				183	.905	0.632	0.508	.....	.....	.....
				274	1.11	.802	.659	0.546	.....	.....
276	Crowders Creek near Gastonia	70.6	.....	7	.288	.168	.126	.096	0.073	0.062
				30	.380	.220	.170	.124	.094	.081
				60	.465	.274	.200	.150	.117	.100
				90	.570	.332	.240	.180	.140	.120
				120	.640	.395	.289	.213	.168	.143
				183	.800	.510	.388	.305	.245	.214
				274	1.02	.700	.550	.435	.350	.305
277	Little Sugar Creek near Charlotte[N]	41.0	[R]1.6	7	.....	.....	.....	.....	.....	.....
				30	.....	.....	.....	.....	.....	.....
				60	.374	.....	.....	.....	.....	.....
				90	.435	.....	.....	.....	.....	.....
				120	.507	.....	.....	.....	.....	.....
				183	.652	.411	.....	.....	.....	.....
				274	.821	.556	.435	.....	.....	.....
278	McAlpine Creek near Pineville	91.7	.....	7	.068	.022	.009	.003	.0007	0
				30	.115	.040	.019	.008	.002	.001
				60	.175	.064	.032	.015	.007	.003
				90	.230	.090	.046	.025	.012	.008
				120	.300	.124	.072	.039	.021	.015
				183	.460	.205	.124	.080	.049	.036
				274	.650	.350	.230	.150	.100	.078
279	Twelve Mile Creek near Waxhaw	72.4	.....	7	.032	.006	0	0	0	0
				30	.063	.015	.005	0	0	0
				60	.100	.029	.015	.004	0	0
				90	.142	.045	.019	.007	.003	0
				120	.208	.068	.033	.015	.006	.004
				183	.330	.127	.068	.038	.020	.014
				274	.535	.243	.144	.085	.052	.039

281	Cove Creek near Lake Lure	77.0	21	7	.571	.435	.371	.322	.279	.254
				30	.679	.504	.428	.366	.313	.292
				60	.766	.571	.490	.409	.351	.325
				90	.844	.623	.526	.448	.387	.357
				120	.909	.683	.584	.506	.442	.409
				183	1.04	.805	.701	.610	.545	.507
				274	1.22	.941	.851	.740	[illegible]	.610
282	Mountain Creek near Rutherfordton	40.6	.....	7	.620	.430	.418	.368	.322	.296
				30	.720	.550	.475	.412	.364	.335
				60	.800	.620	.530	.455	.397	.370
				90	.880	.670	.575	.495	.432	.400
				120	.940	.730	.630	.550	.490	.455
				183	1.06	.840	.740	.655	.590	.555
				274	1.22	1.00	.870	.780	.700	.658
284	White Oak Creek near Collinsville	37.1	.....	7	.660	.510	.436	.380	.333	.303
				30	.770	.585	.495	.427	.375	.348
				60	.870	.660	.560	.480	.410	.385
				90	.960	.720	.610	.520	.450	.420
				120	1.02	.790	.670	.580	.515	.480
				183	1.15	.910	.800	.700	.630	.580
				274	1.34	1.08	.940	.840	.745	.700
285	Second Broad River near Logan	35.7	.....	7	.455	.341	.290	.....	.....	.....
				30	.560	.410	.330	.280	.....	.....
				60	.640	.465	.392	.320	.270	.....
				90	.710	.513	.424	.360	.300	.270
				120	.790	.575	.472	.400	.350	.315
				183	.920	.680	.580	.500	.432	.398
				274	1.09	.822	.700	.600	.530	.490
286	Second Broad River near Bostic	170	.....	7	.400	.305	.260	.228	.200	.181
				30	.475	.355	.300	.260	.225	.208
				60	.535	.400	.337	.288	.248	.230
				90	.595	.440	.370	.315	.270	.252
				120	.640	.480	.410	.355	.310	.288
				183	.740	.570	.480	.425	.383	.355
				274	.880	.680	.585	.520	.455	.425
287	Second Broad River at Cliffside[N]	211	R_6	7	.474	.332	.265	.....	.....	.....
				30	.569	.408	.327	.265	.213	.190
				60	.678	.479	.379	.308	.251	.218
				90	.744	.531	.426	.346	.284	.256
				120	.829	.583	.483	.403	.341	.308
				183	.972	.725	.607	.512	.436	.403
				274	1.15	.872	.731	.635	.545	.502

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
288	Broad River near Boiling Springs	864	R105	7	0.613	0.457	0.376	0.312	0.263	0.237
				30	.729	.532	.428	.370	.307	.277
				60	.845	.613	.503	.417	.347	.312
				90	.937	.683	.557	.469	.399	.362
				120	1.03	.752	.625	.532	.451	.417
				183	1.20	.903	.764	.648	.567	.521
				274	1.45	1.10	.926	.810	.706	.648
289	Sandy Run Creek near Boiling Springs	67	14	7	.452	.352	.310	.276	.245	.227
				30	.537	.407	.348	.306	.270	.252
				60	.612	.455	.385	.336	.297	.276
				90	.679	.503	.425	.370	.325	.306
				120	.760	.552	.470	.406	.360	.337
				183	.880	.637	.558	.488	.434	.406
				274	1.04	.784	.669	.585	.522	.485
290	First Broad River near Casar	59.5	.....	7	.504	.361	.297	.255	.221	.202
				30	.605	.430	.343	.296	.253	.234
				60	.690	.489	.401	.337	.286	.260
				90	.786	.558	.451	.377	.319	.289
				120	.850	.616	.510	.425	.361	.324
				183	.982	.727	.616	.526	.460	.419
				274	1.19	.892	.765	.658	.568	.526
291	First Broad River near Lawndale	198	R17	7	.444	.328	.273	.227	.194	.177
				30	.540	.384	.313	.262	.225	.202
				60	.636	.444	.364	.303	.258	.232
				90	.712	.505	.409	.338	.288	.263
				120	.798	.566	.460	.384	.328	.298
				183	.919	.672	.561	.480	.409	.379
				274	1.13	.833	.697	.596	.520	.480
292	Buffalo Creek near Waco	43.5	.....	7	.355	.205	.152	.117	.088	.074
				30	.470	.274	.197	.150	.113	.099
				60	.570	.338	.245	.185	.141	.120
				90	.680	.415	.298	.225	.171	.147
				120	.760	.490	.360	.270	.205	.174
				183	.920	.620	.480	.380	.305	.265
				274	1.13	.820	.660	.540	.430	.380

293	North Pacolet River near Tryon	43.6	R8.0	7	.785	.600	.490	.405	.339	.300
				30	.930	.690	.578	.480	.392	.350
				60	1.06	.800	.665	.560	.460	.400
				90	1.16	.880	.740	.623	.518	.460
				120	1.28	.950	.805	.690	.610	.560
				183	1.47	1.11	.970	.850	.740	.680
				274	1.71	1.35	1.17	1.03	.900	.820
	NEW - KANAWHA RIVER BASIN									
294	Middle Fork South Fork New River near Blowing Rock	8.93	.....	7	.715	.496	.395	.325	.272	.248
				30	.928	.608	.475	.387	.322	.290
				60	1.10	.710	.555	.451	.368	.331
				90	1.27	.822	.646	.518	.427	.379
				120	1.48	.939	.736	.587	.502	.450
				183	1.79	1.22	.960	.774	.646	.592
				274	2.22	1.58	1.26	1.06	.864	.784
295	Howard Creek at Sands	10	.....	7	.760	.570	.480	.415	.360	.335
				30	.910	.660	.560	.480	.415	.385
				60	1.03	.745	.620	.540	.470	.435
				90	1.14	.820	.690	.580	.505	.470
				120	1.25	.890	.745	.640	.560	.520
				183	1.47	1.06	.900	.770	.660	.620
				274	1.80	1.32	1.12	.980	.850	.800
296	South Fork New River near Jefferson	207	65	7	.763	.539	.507	.444	.396	.372
				30	.994	.676	.580	.502	.444	.415
				60	1.01	.749	.638	.560	.493	.464
				90	1.11	.821	.700	.599	.531	.493
				120	1.21	.879	.749	.652	.580	.541
				183	1.40	1.03	.879	.773	.676	.638
				274	1.71	1.28	1.10	.966	.845	.797
297	South Fork New River near Crumpler	325	174	7	.820	.630	.530	.460	.400	.380
				30	.960	.740	.620	.530	.460	.420
				60	1.10	.820	.700	.590	.510	.480
				90	1.21	.900	.760	.650	.570	.520
				120	1.34	.990	.830	.730	.620	.580
				183	1.55	1.17	.990	.860	.760	.700
				274	1.85	1.40	1.20	1.05	.920	.860
298	North Fork New River at Creston	63.1	.....	7	.690	.535	.460	.400	.350	.330
				30	.920	.620	.525	.455	.400	.370
				60	.920	.690	.590	.505	.440	.410
				90	1.02	.760	.640	.550	.485	.445
				120	1.13	.840	.700	.610	.535	.490
				183	1.31	.980	.830	.720	.635	.590
				274	1.60	1.19	1.02	.880	.780	.720

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
299	North Fork New River near Warrensville	113	26	7	0.780	0.560	0.450	0.366	0.306	0.280
				30	.930	.680	.550	.445	.366	.330
				60	1.05	.770	.630	.515	.430	.390
				90	1.14	.850	.710	.575	.480	.430
				120	1.23	.920	.770	.650	.550	.490
				183	1.43	1.06	.910	.790	.680	.630
				274	1.73	1.31	1.14	1.00	.880	.820
300	North Fork New River at Crumpler	277	53	7	.505	.368	.303	.253	.213	.195
				30	.621	.444	.361	.300	.253	.231
				60	.722	.505	.415	.343	.289	.264
				90	.819	.570	.462	.379	.325	.292
				120	.921	.643	.516	.433	.368	.332
				183	1.10	.776	.639	.534	.455	.415
				274	1.38	.975	.812	.686	.585	.534
301	Little River near Sparta	19.3	.....	7	.850	.650	.555	.480	.420	.390
				30	1.00	.750	.640	.550	.480	.440
				60	1.12	.840	.710	.610	.540	.500
				90	1.23	.910	.780	.670	.580	.540
				120	1.33	.980	.840	.720	.640	.590
				183	1.53	1.15	.980	.860	.750	.710
				274	1.85	1.42	1.22	1.08	.940	.890
	TENNESSEE RIVER BASIN									
302	French Broad River at Rosman	67.9	37	7	1.21	.884	.766	.648	.552	.501
				30	1.46	1.06	.884	.751	.633	.589
				60	1.66	1.22	1.00	.839	.722	.663
				90	1.86	1.35	1.12	.928	.795	.722
				120	2.06	1.50	1.27	1.08	.913	.839
				183	2.44	1.80	1.53	1.31	1.13	1.03
				274	2.89	2.18	1.84	1.59	1.37	1.28
303	French Broad River at Calvert	103	54	7	1.21	.913	.796	.680	.592	.544
				30	1.48	1.09	.913	.777	.670	.612
				60	1.67	1.22	1.03	.874	.757	.689
				90	1.89	1.39	1.14	.971	.835	.757
				120	2.09	1.54	1.31	1.12	.951	.864
				183	2.46	1.82	1.55	1.34	1.16	1.07
				274	2.86	2.18	1.86	1.62	1.42	1.34

304	Catheys Creek near Brevard	11.7	6.6	7	1.18	.914	.769	.667	.573	.521
				30	1.39	1.04	.880	.752	.650	.598
				60	1.61	1.20	1.01	.855	.735	.675
				90	1.78	1.31	1.09	.940	.803	.735
				120	1.94	1.45	1.24	1.06	.923	.855
				183	2.22	1.71	1.45	1.26	1.11	1.04
				274	2.65	2.05	1.76	1.54	1.35	1.26
305	Davidson River near Davidson River	31.0	32	7	1.10	.....	.....	.....	.....	.....
				30	1.29	.....	.....	.....	.....	.....
				60	1.48	1.08	.....	.....	.....	.....
				90	1.68	1.24	.....	.....	.....	.....
				120	1.84	1.34	1.10	.....	.....	.....
				183	2.26	1.61	1.39	1.23	1.10	.....
				274	2.78	2.07	1.81	1.55	1.45	1.39
306	Davidson River near Brevard	40.4	14	7	.990	.698	.574	.458	.374	.334
				30	1.21	.854	.686	.552	.450	.396
				60	1.39	.990	.807	.656	.535	.470
				90	1.56	1.11	.891	.738	.606	.540
				120	1.76	1.24	1.04	.866	.728	.656
				183	2.05	1.51	1.26	1.06	.916	.829
				274	2.48	1.86	1.56	1.34	1.14	1.05
308	Crab Creek near Penrose	10.9	4.8	7	1.03	.789	.670	.587	.514	.477
				30	1.19	.917	.771	.670	.578	.532
				60	1.36	1.04	.881	.743	.642	.596
				90	1.49	1.14	.963	.826	.706	.651
				120	1.62	1.23	1.05	.917	.807	.752
				183	1.86	1.45	1.25	1.10	.954	.890
				274	2.20	1.72	1.50	1.30	1.15	1.06
309	French Broad River at Blantyre	296	123	7	1.11	.811	.662	.557	.473	.422
				30	1.35	.963	.794	.649	.547	.493
				60	1.59	1.11	.912	.743	.622	.561
				90	1.79	1.25	1.01	.828	.692	.625
				120	1.99	1.42	1.15	.963	.811	.743
				183	2.33	1.72	1.42	1.22	1.05	.963
				274	2.84	2.13	1.79	1.52	1.32	1.22
310	Boylston Creek near Horseshoe	14.8	5.7	7	.878	.676	.574	.500	.419	.378
				30	1.04	.784	.662	.568	.486	.446
				60	1.18	.899	.757	.642	.554	.500
				90	1.30	.986	.831	.709	.608	.554
				120	1.42	1.08	.912	.790	.689	.635
				183	1.66	1.26	1.09	.946	.831	.770
				274	1.91	1.51	1.28	1.11	.980	.919

690-432 O—63——10

Table 8.—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
311	South Fork Mills River at The Pink Beds	9.99	1.9	7	0.620	0.370	0.260	.....	.....	.....
				30	.850	.500	.360	0.250	.....	.....
				60	1.04	.620	.460	.320	.....	.....
				90	1.25	.760	.540	.400	0.280	.....
				120	1.48	.880	.680	.510	.400	0.330
				183	1.84	1.19	.930	.710	.560	.500
				274	2.33	1.62	1.26	1.03	.820	.740
312	Mills River near Mills River[N]	66.7	[R]18	7	.780	.555	.444	.351	.....	.....
				30	.960	.675	.540	.433	.348	.303
				60	1.11	.780	.630	.510	.406	.355
				90	1.27	.885	.705	.570	.465	.420
				120	1.41	1.00	.810	.675	.570	.510
				183	1.66	1.21	1.02	.855	.735	.675
				274	2.05	1.53	1.29	1.12	.975	.915
313	Clear Creek near Hendersonville	42.2	9.6	7	.576	.426	.346	.284	.237	.211
				30	.711	.498	.408	.336	.280	.249
				60	.806	.592	.479	.391	.325	.289
				90	.900	.659	.536	.441	.362	.327
				120	.995	.723	.592	.498	.426	.391
				183	1.17	.877	.734	.626	.545	.498
				274	1.40	1.07	.912	.782	.675	.616
314	Mud Creek at Naples	109	25	7	.651	.486	.394	.321	.261	.229
				30	.798	.569	.459	.385	.310	.275
				60	.917	.670	.550	.445	.362	.321
				90	1.03	.734	.606	.495	.413	.367
				120	1.13	.817	.679	.560	.486	.440
				183	1.32	.982	.826	.716	.615	.560
				274	1.58	1.23	1.03	.881	.771	.706
315	Cane Creek at Fletcher	63.1	10	7	.396	.285	.238	.193	.162	.144
				30	.491	.349	.277	.228	.190	.171
				60	.570	.401	.325	.266	.222	.198
				90	.642	.452	.364	.301	.247	.222
				120	.721	.507	.412	.345	.293	.263
				183	.856	.618	.515	.436	.372	.339
				274	1.03	.761	.634	.539	.468	.428

316	French Broad River at Bent Creek	676	234	7	.858	.633	.533	.448	.373	.333
				30	1.05	.754	.626	.518	.436	.402
				60	1.21	.865	.714	.595	.503	.451
				90	1.35	.976	.791	.654	.555	.503
				120	1.48	1.09	.902	.747	.643	.589
				183	1.74	1.31	1.11	.947	.806	.732
				274	2.09	1.59	1.35	1.16	.999	.932
317	Hominy Creek at Candler	79.8	14	7	.382	.276	.226	.188	.160	.147
				30	.461	.328	.269	.222	.188	.169
				60	.539	.382	.311	.257	.216	.195
				90	.595	.426	.345	.288	.243	.219
				120	.664	.476	.395	.334	.288	.263
				183	.789	.576	.482	.414	.355	.326
				274	.940	.702	.602	.514	.445	.414
320	Beetree Creek near Swannanoa	5.46	.3	7	.293	.167	.117	.086	.064	.053
				30	.412	.225	.159	.114	.084	.070
				60	.540	.289	.201	.145	.106	.088
				90	.659	.357	.242	.176	.128	.108
				120	.815	.443	.308	.223	.165	.141
				183	1.08	.623	.450	.339	.260	.223
				274	1.43	.879	.656	.504	.394	.339
322	French Broad River at Asheville	945	252	7	.741	.540	.434	.360	.296	.264
				30	.899	.646	.518	.428	.354	.317
				60	1.03	.741	.603	.497	.407	.360
				90	1.15	.825	.667	.550	.460	.413
				120	1.27	.921	.762	.635	.550	.497
				183	1.48	1.12	.931	.804	.688	.635
				274	1.80	1.36	1.16	.995	.868	.804
323	Sandymush Creek near Alexander	79.5	4.7	7	.204	.138	.106	.081	.060	.052
				30	.252	.174	.132	.103	.079	.067
				60	.302	.208	.164	.126	.097	.082
				90	.340	.235	.184	.145	.113	.098
				120	.384	.270	.216	.176	.142	.122
				183	.459	.327	.277	.234	.197	.179
				274	.585	.421	.355	.306	.264	.245
324	Ivy River near Marshall	158	8.5	7	.199	.126	.095	.073	.056	.048
				30	.259	.164	.122	.094	.072	.061
				60	.323	.199	.149	.114	.087	.074
				90	.373	.234	.176	.135	.102	.089
				120	.437	.278	.209	.163	.126	.111
				183	.538	.354	.278	.222	.184	.164
				274	.696	.468	.373	.304	.247	.225

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
325	French Broad River at Marshall	1,332	292	7	0.601	0.428	0.338	0.278	0.225	0.200
				30	.736	.518	.413	.334	.274	.242
				60	.841	.601	.480	.390	.315	.282
				90	.961	.676	.540	.443	.360	.323
				120	1.07	.766	.623	.518	.435	.398
				183	1.25	.916	.773	.653	.556	.510
				274	1.50	1.13	.961	.818	.706	.653
326	Big Laurel Creek near Stackhouse	126	19	7	.349	.230	.182	.143	.111	.095
				30	.452	.294	.222	.175	.135	.119
				60	.540	.349	.270	.206	.159	.143
				90	.619	.405	.310	.242	.190	.167
				120	.714	.468	.365	.290	.230	.206
				183	.897	.595	.476	.385	.317	.286
				274	1.13	.778	.627	.516	.436	.397
327	French Broad River at Hot Springs	1,563	454	7	.542	.389	.313	.252	.204	.182
				30	.670	.472	.376	.306	.249	.220
				60	.785	.549	.434	.351	.287	.255
				90	.881	.606	.485	.396	.325	.294
				120	.970	.689	.562	.466	.396	.357
				183	1.15	.842	.702	.587	.504	.459
				274	1.40	1.05	.887	.753	.651	.593
328	Spring Creek above Hot Springs	71.8	.....	7	.226	.133	.099	.069	.....	.....
				30	.296	.181	.128	.094	.063	.052
				60	.355	.226	.165	.116	.081	.069
				90	.415	.261	.193	.143	.104	.087
				120	.484	.306	.236	.177	.133	.116
				183	.626	.394	.316	.248	.202	.176
				274	.790	.533	.414	.340	.284	.256
329	West Fork Pigeon River above Lake Logan, near Hazelwood	27.6	10	7	1.03	.699	.551	.435	.....	.....
				30	1.30	.866	.678	.525	.409	.....
				60	1.54	1.04	.822	.652	.511	.435
				90	1.78	1.18	.928	.732	.598	.518
				120	2.01	1.38	1.10	.895	.736	.659
				183	2.43	1.72	1.36	1.17	.986	.895
				274	3.08	2.23	1.83	1.55	1.33	1.21

330	East Fork Pigeon River near Canton	51.5	14	7	.704	.476	.375	.296	.....	.....
				30	.888	.590	.461	.358	.279	.....
				60	1.05	.710	.560	.444	.348	.296
				90	1.21	.805	.631	.499	.407	.353
				120	1.37	.937	.748	.609	.501	.449
				183	1.65	1.17	.925	.797	.671	.609
				274	2.10	1.52	1.25	1.06	.908	.822
332	Richland Creek below Hyatt Creek, at Hazelwood	13.2	.....	7	.585	.440	.370	.....	.....	.....
				30	.710	.510	.430	.365	.....	.....
				60	.820	.590	.490	.415	.....	.....
				90	.930	.665	.540	.455	.385	.....
				120	1.02	.740	.615	.515	.445	.400
				183	1.20	.890	.770	.670	.585	.555
				274	1.55	1.15	.990	.870	.770	.730
335	Jonathan Creek near Cove Creek	65.3	23	7	.582	.436	.368	.306	.260	.237
				30	.704	.505	.429	.360	.306	.276
				60	.812	.590	.490	.413	.352	.317
				90	.919	.658	.536	.452	.383	.352
				120	1.01	.735	.612	.513	.444	.398
				183	1.19	.888	.766	.666	.582	.551
				274	1.53	1.13	.980	.858	.766	.720
337	Cataloochee Creek near Cataloochee	49.2	12	7	.579	.427	.356	.295	.248	.224
				30	.691	.508	.417	.346	.289	.260
				60	.823	.579	.478	.399	.335	.301
				90	.915	.650	.528	.447	.370	.335
				120	1.05	.752	.620	.518	.339	.396
				183	1.26	.915	.782	.681	.610	.569
				274	1.67	1.22	1.06	.935	.833	.772
339	North Toe River at Altapass	104	28	7	.625	.437	.356	.293	.240	.215
				30	.769	.538	.428	.346	.288	.260
				60	.904	.625	.490	.404	.332	.298
				90	1.02	.702	.567	.462	.380	.346
				120	1.14	.788	.635	.529	.447	.404
				183	1.37	.962	.788	.673	.577	.529
				274	1.63	1.20	.990	.856	.740	.673
340	South Toe River at Newdale	60.8	R12	7	.715	.464	.359	.280	.217	.191
				30	.937	.600	.461	.352	.271	.234
				60	1.13	.707	.535	.419	.329	.288
				90	1.33	.839	.635	.493	.391	.342
				120	1.55	.970	.757	.592	.477	.421
				183	1.89	1.23	.987	.789	.650	.576
				274	2.35	1.61	1.30	1.07	.888	.798

Table 8.—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
341	Cane River near Sioux	157	R27	7	0.420	0.287	0.223	0.180	0.146	0.130
				30	.529	.357	.274	.220	.178	.159
				60	.624	.414	.325	.255	.207	.185
				90	.720	.478	.376	.293	.239	.210
				120	.828	.548	.433	.350	.287	.255
				183	1.01	.688	.554	.452	.382	.344
				274	1.24	.879	.713	.592	.497	.458
342	Nolichucky River at Poplar	608	96	7	.493	.362	.296	.252	.214	.197
				30	.617	.428	.354	.296	.247	.224
				60	.740	.493	.403	.337	.280	.255
				90	.839	.576	.452	.375	.312	.283
				120	.970	.641	.518	.428	.370	.337
				183	1.17	.822	.666	.551	.469	.419
				274	1.37	1.00	.839	.707	.600	.551
343	Watauga River near Sugar Grove	90.8	13	7	.419	.275	.213	.171	.138	.121
				30	.540	.346	.264	.209	.167	.149
				60	.661	.407	.314	.248	.198	.176
				90	.771	.485	.366	.286	.231	.204
				120	.903	.562	.430	.341	.275	.242
				183	1.12	.727	.562	.452	.369	.325
				274	1.43	.958	.760	.617	.512	.457
344	Watauga River at North Carolina-Tennessee State line	152	12	7	.388	.238	.178	.135	.104	.090
				30	.513	.311	.230	.174	.134	.115
				60	.638	.382	.280	.211	.162	.139
				90	.750	.457	.337	.254	.196	.168
				120	.888	.539	.401	.309	.239	.207
				183	1.11	.710	.543	.426	.337	.296
				274	1.44	.954	.743	.599	.487	.431
345	Elk River near Banner Elk[N]	17.8	R5	7	.511	.320	.240	.185	.....	.....
				30	.674	.410	.309	.236	.185	.....
				60	.826	.494	.371	.285	.223	.192
				90	.977	.601	.444	.337	.261	.225
				120	1.15	.702	.522	.402	.317	.281
				183	1.45	.927	.708	.562	.455	.404
				274	1.78	1.24	.994	.798	.652	.573

346	Elk River near Elk Park	42.0	6.1	7	.452	.298	.226	.176	.138	.124
				30	.610	.376	.283	.219	.174	.152
				60	.738	.452	.343	.267	.210	.181
				90	.857	.536	.405	.317	.245	.214
				120	1.00	.619	.476	.371	.298	.267
				183	1.26	.821	.640	.505	.410	.362
				274	1.60	1.07	.857	.691	.571	.505
347	Little Tennessee River near Prentiss	140	65	7	.857	.657	.557	.479	.414	.386
				30	.986	.743	.636	.543	.479	.436
				60	1.13	.843	.714	.614	.529	.486
				90	1.25	.929	.786	.679	.586	.536
				120	1.40	1.05	.886	.771	.664	.614
				183	1.68	1.27	1.10	.971	.871	.829
				274	2.21	1.68	1.46	1.29	1.16	1.09
349	Cullasaja River at Cullasaja	86.5	19	7	.705	.509	.416	.341	.279	.248
				30	.855	.613	.497	.405	.335	.300
				60	.994	.694	.566	.462	.382	.341
				90	1.12	.798	.636	.526	.439	.387
				120	1.25	.890	.740	.613	.520	.480
				183	1.56	1.12	.948	.821	.728	.670
				274	2.02	1.50	1.28	1.13	.994	.936
350	Little Tennessee River at Franklin	295	70	7	.740	.560	.475	.400	.335	.305
				30	.900	.650	.550	.460	.395	.350
				60	1.03	.750	.615	.510	.430	.395
				90	1.12	.810	.680	.560	.475	.430
				120	1.23	.950	.790	.680	.590	.540
				183	1.48	1.12	.990	.880	.810	.770
				274	2.01	1.50	1.35	1.25	1.18	1.13
351	Little Tennessee River at Iotla	323	R31	7	.774	.582	.489	.415	.356	.325
				30	.898	.681	.570	.480	.406	.372
				60	1.02	.759	.638	.542	.461	.415
				90	1.15	.851	.712	.601	.505	.458
				120	1.27	.944	.805	.693	.594	.545
				183	1.52	1.15	.991	.876	.799	.759
				274	1.98	1.52	1.33	1.18	1.08	1.02
352	Little Tennessee River at Needmore	436	R71	7	.734	.573	.493	.424	.367	.344
				30	.849	.642	.550	.482	.413	.390
				60	.986	.734	.619	.528	.470	.436
				90	1.10	.803	.689	.596	.505	.470
				120	1.19	.894	.780	.665	.573	.528
				183	1.47	1.10	.963	.849	.780	.734
				274	1.95	1.47	1.28	1.15	1.03	.963

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
353	Nantahala River near Rainbow Springs	51.9	34	7	1.18	0.915	0.771	0.665	0.576	0.520
				30	1.39	1.06	.906	.761	.645	.597
				60	1.58	1.19	1.00	.857	.732	.665
				90	1.73	1.31	1.10	.934	.790	.732
				120	1.93	1.46	1.25	1.08	.925	.848
				183	2.31	1.73	1.54	1.41	1.27	1.21
				274	3.08	2.35	2.10	1.89	1.71	1.64
355	Nantahala River at Almond[N]	174	70	7	.880	.690	.595	.520	.440	.405
				30	1.03	.790	.680	.580	.510	.455
				60	1.15	.890	.750	.640	.550	.510
				90	1.25	.960	.810	.690	.595	.550
				120	1.38	1.08	.930	.810	.720	.670
				183	1.65	1.25	1.11	1.03	.960	.910
				274	2.25	1.69	1.50	1.40	1.31	1.28
356	Little Tennessee River at Judson[N]	664	192	7	.781	.593	.495	.420	.357	.323
				30	.916	.691	.578	.488	.413	.375
				60	1.04	.781	.646	.548	.465	.420
				90	1.16	.856	.713	.601	.511	.458
				120	1.28	.946	.811	.691	.601	.563
				183	1.50	1.14	.991	.886	.811	.751
				274	1.86	1.44	1.28	1.16	1.07	1.04
357	Tuckasegee River at Tuckasegee[N]	143	[R]8.0	7	.832	.587	.476	.395	.....	.....
				30	1.01	.706	.570	.468	.....	.....
				60	1.17	.846	.675	.552	.448	.395
				90	1.32	.923	.741	.608	.514	.462
				120	1.51	1.05	.853	.713	.612	.556
				183	1.79	1.31	1.09	.930	.818	.755
				274	2.23	1.68	1.40	1.19	1.04	.972
358	Scott Creek above Sylva	50.7	22	7	.730	.562	.493	.424	.375	.351
				30	.858	.651	.552	.483	.424	.391
				60	.986	.746	.631	.538	.469	.434
				90	1.08	.809	.680	.582	.513	.473
				120	1.20	.897	.769	.661	.582	.542
				183	1.40	1.07	.927	.809	.726	.671
				274	1.74	1.34	1.16	1.03	.917	.848

360	Tuckasegee River at Dillsboro[N]	347	R107	7	.729	.530	.429	.354	.....	.....
				30	.879	.637	.516	.424	.....	.....
				60	1.02	.741	.597	.496	.403	.360
				90	1.14	.821	.666	.548	.458	.409
				120	1.27	.916	.758	.640	.545	.496
				183	1.49	1.12	.937	.801	.700	.643
				274	1.84	1.39	1.18	1.01	.893	.816
361	Connelly Creek at Whittier	13.5	.....	7	.493	.380	.330	.280	.....	.....
				30	.580	.435	.375	.324	.280	.....
				60	.660	.502	.425	.364	.314	.290
				90	.720	.550	.460	.395	.345	.320
				120	.790	.600	.520	.445	.395	.365
				183	.910	.705	.625	.540	.490	.450
				274	1.15	.870	.770	.685	.615	.575
362	Oconaluftee River at Cherokee	131	56	7	.809	.580	.481	.405	.336	.305
				30	.992	.687	.565	.473	.397	.355
				60	1.17	.809	.664	.550	.458	.412
				90	1.33	.916	.733	.611	.511	.458
				120	1.50	1.05	.855	.710	.588	.534
				183	1.79	1.30	1.08	.924	.802	.733
				274	2.29	1.71	1.45	1.24	1.08	1.00
363	Soco Creek near Cherokee	43.2	.....	7	.590	.445	.380	.320	.274	.250
				30	.710	.510	.435	.370	.320	.290
				60	.820	.600	.495	.420	.365	.330
				90	.930	.660	.540	.455	.395	.365
				120	1.02	.740	.620	.520	.450	.410
				183	1.20	.890	.770	.670	.590	.560
				274	1.58	1.15	.990	.860	.770	.725
364	Oconaluftee River at Birdtown	184	82	7	.734	.554	.462	.391	.334	.304
				30	.859	.636	.538	.451	.380	.348
				60	1.01	.734	.609	.516	.435	.397
				90	1.11	.815	.679	.565	.478	.435
				120	1.23	.913	.772	.658	.571	.516
				183	1.49	1.09	.962	.864	.788	.755
				274	2.01	1.52	1.34	1.20	1.09	1.03
365	Galbreath Creek near Bryson City	1.82	.....	7	.840	.568	.450	.350	.280	.247
				30	1.08	.690	.560	.436	.350	.305
				60	.....	.850	.660	.528	.420	.365
				90	.....	.990	.750	.596	.475	.420
				120	.....	1.15	.900	.710	.580	.500
				183	.....	.....	1.24	1.00	.838	.780
				274	.....	.....	.....	.....	1.24	1.11

Table 8.—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
366	Deep Creek near Bryson City	40.2	.....	7	0.750	0.515	0.410	.....	.....	.....
				30	.920	.640	.500	0.390	.....	.....
				60	1.01	.740	.590	.475	0.375	.....
				90	1.22	.860	.680	.540	.430	0.375
				120	1.35	.940	.790	.650	.540	.470
				183	1.63	1.17	1.00	.880	.770	.720
				274	2.13	1.59	1.39	1.20	1.09	1.00
367	Tuckasegee River at Bryson City[N]	655	R31	7	.763	.542	.443	.357	.285	.243
				30	.901	.662	.542	.435	.345	.308
				60	1.03	.748	.611	.504	.409	.359
				90	1.16	.840	.679	.560	.458	.404
				120	1.27	.931	.785	.670	.565	.507
				183	1.51	1.13	.962	.840	.748	.702
				274	1.80	1.40	1.24	1.10	1.01	.962
368	Noland Creek near Bryson City	13.8	4.5	7	.696	.442	.333	.243	.174	.145
				30	.891	.572	.428	.312	.228	.188
				60	1.07	.688	.522	.399	.297	.246
				90	1.25	.819	.616	.464	.351	.297
				120	1.41	.928	.746	.587	.464	.391
				183	1.74	1.17	1.00	.855	.725	.667
				274	2.36	1.68	1.45	1.23	1.09	1.00
369	Hazel Creek at Proctor	44.4	22	7	.698	.495	.405	.326	.266	.232
				30	.844	.592	.477	.394	.315	.282
				60	1.01	.698	.563	.462	.378	.331
				90	1.17	.788	.631	.514	.423	.378
				120	1.33	.901	.732	.604	.507	.459
				183	1.62	1.15	.946	.833	.732	.687
				274	2.18	1.58	1.35	1.17	1.04	.968
370	Little Tennessee River at Fontana Dam[N]	1,571	R5	7	.750	.565	.465	.....	.....	.....
				30	.890	.660	.550	.458	.....	.....
				60	1.00	.750	.615	.520	.436	.....
				90	1.13	.825	.680	.570	.480	.430
				120	1.25	.920	.780	.660	.570	.530
				183	1.48	1.12	.960	.855	.780	.720
				274	1.86	1.42	1.25	1.13	1.04	1.00

371	Snowbird Creek near Robbinsville	42.0	29	7	.988	.726	.607	.505	.424	.381
				30	1.17	.857	.714	.590	.493	.440
				60	1.33	.988	.810	.667	.560	.500
				90	1.48	1.10	.893	.738	.619	.560
				120	1.67	1.24	1.04	.881	.762	.690
				183	2.02	1.50	1.28	1.17	1.05	1.00
				274	2.76	2.10	1.83	1.64	1.50	1.43
372	Cheoah River at Johnson[N]	177	38	7	.723	.514	.407	.....	.....	.....
				30	.859	.616	.503	.407	.....	.....
				60	.989	.700	.576	.474	.384	.....
				90	1.11	.791	.650	.537	.429	.378
				120	1.23	.876	.729	.621	.537	.492
				183	1.50	1.08	.949	.836	.746	.695
				274	2.00	1.51	1.31	1.18	1.06	1.00
373	Shooting Creek near Hayesville	37.6	12	7	.588	.439	.367	.306	.258	.234
				30	.718	.519	.431	.364	.303	.274
				60	.827	.585	.479	.399	.338	.303
				90	.944	.660	.540	.452	.372	.340
				120	1.06	.758	.628	.532	.452	.420
				183	1.30	.944	.803	.705	.638	.606
				274	1.81	1.30	1.13	1.01	.904	.851
375	Hiwassee River below Hayesville[N]	252	R39	7	.698	.532	.440	.367	.308	.276
				30	.810	.611	.516	.440	.363	.317
				60	.932	.694	.579	.488	.409	.363
				90	1.03	.774	.639	.532	.452	.405
				120	1.15	.865	.734	.627	.544	.504
				183	1.38	1.02	.905	.813	.746	.706
				274	1.86	1.40	1.22	1.11	1.03	.992
376	Hiwassee River above Murphy[N]	406	49	7	.570	.432	.368	.323	.285	.261
				30	.677	.499	.423	.368	.321	.297
				60	.772	.558	.463	.397	.344	.318
				90	.855	.618	.518	.437	.380	.347
				120	.950	.701	.594	.508	.442	.408
				183	1.15	.855	.755	.665	.594	.565
				274	1.54	1.14	1.01	.903	.831	.796
377	Hyatt Creek at U. S. Highway 19, at Marble	7.28	.....	7	.589	.440	.370	.313	.268	.240
				30	.720	.520	.440	.365	.313	.284
				60	.838	.585	.480	.405	.340	.313
				90	.940	.658	.542	.455	.380	.345
				120	1.06	.760	.625	.537	.455	.428
				183	1.31	.940	.805	.700	.640	.602
				274	1.80	1.31	1.13	1.01	.900	.850

Table 8 .—Magnitude and frequency of annual low flow at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Minimum daily discharge of record (cfs)	Periods (consecutive days)	Lowest average flow, in cubic feet per second per square mile, for indicated recurrence intervals, in years					
					2	5	10	20	40	60
378	Valley River at Tomotla	104	12	7	0.462	0.327	0.260	0.212	0.163	0.144
				30	.577	.394	.317	.250	.202	.173
				60	.673	.462	.365	.288	.231	.202
				90	.750	.519	.413	.327	.260	.231
				120	.865	.615	.500	.413	.346	.308
				183	1.10	.750	.654	.577	.519	.481
				274	1.63	1.13	.962	.885	.808	.769
379	Nottely River near Ranger[N]	272	[R]24	7	.618	.460	.368	.283	.213	.178
				30	.721	.544	.441	.346	.265	.224
				60	.790	.607	.496	.401	.316	.272
				90	.864	.662	.559	.460	.375	.324
				120	.941	.739	.643	.551	.471	.423
				183	1.14	.868	.772	.706	.643	.625
				274	1.47	1.12	1.01	.919	.864	.838
380	Hiwassee River at Hiwassee Dam[N]	968	[R]1	7	.600	.440	.350	.290	.....	.....
				30	.720	.520	.420	.340	.270	.....
				60	.820	.600	.480	.390	.310	.270
				90	.900	.660	.540	.440	.350	.310
				120	1.01	.760	.640	.540	.460	.410
				183	1.23	.900	.800	.720	.660	.620
				274	1.70	1.26	1.10	1.03	.950	.920

Table 9.--Lowest average flow for 7 consecutive days during each year of continuous record at gaging stations, 1889-1919

[Flow is computed in cubic feet per second for indicated climatic years of continuous record]

Year beginning April 1	Index number (pl. I) and gaging station																									
	23. Roanoke River at Roanoke Rapids	140. Tar River at Tarboro	140. Cape Fear River at Fayetteville	167. Yadkin River at Wilkesboro	199. Yadkin River near Salisbury	207. Yadkin River at High Rock	229. Pee Dee River near Rockingham	257. Catawba River near Morganton	263. Catawba River at Catawba	297. South Fork New River near Crumpler	300. North Fork New River at Crumpler	302. French Broad River at Rosman	305. Davidson River near Davidson River	319. Swannanoa River at Swannanoa	322. French Broad River at Asheville	331. Pigeon River at Canton	349. Cullasaja River at Cullasaja	350. Little Tennessee River at Franklin	355. Nantahala River at Almond	356. Little Tennessee River at Judson	367. Tuckasegee River at Bryson City	372. Cheoah River at Johnson	376. Hiwassee River above Murphy	378. Valley River at Tomotla	379. Nottely River near Ranger
1889	.....	.....	1,110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1890	.....	.....	759	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1891	.....	.....	1,370	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1892	.....	.....	489	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1893	.....	.....	559	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1894	.....	.....	589	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1895	.....	.....	493	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1896	.....	.....	577	.....	1,120	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]591	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1897	.....	187	333	.....	1,160	.....	.....	.....	800	.....	.....	.....	.....	.....	[a]475	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1898	.....	396	546	.....	1,500	.....	.....	.....	843	.....	.....	.....	.....	.....	[a]694	.....	.....	.....	.....	.....	703	.....	320	.....	.....
1899	.....	381	696	.....	1,620	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]700	.....	.....	.....	.....	.....	435	.....	291	.....	.....
1900	.....	.....	358	.....	808	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]929	.....	.....	.....	.....	.....	549	.....	269	.....	.....
1901	.....	.....	1,350	.....	3,380	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]1,460	.....	.....	.....	.....	.....	631	.....	431	.....	363
1902	.....	.....	523	.....	1,640	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]800	.....	.....	.....	.....	.....	431	.....	203	.....	145
1903	.....	.....	501	397	1,920	.....	.....	504	.....	.....	.....	.....	.....	.....	[a]696	.....	.....	.....	.....	.....	380	.....	209	.....	163
1904	.....	.....	.....	366	950	.....	.....	308	.....	.....	.....	.....	.....	.....	[a]350	.....	.....	.....	.....	.....	337	.....	157	.....	103
1905	.....	.....	.....	425	1,640	.....	.....	466	.....	.....	.....	.....	38	.....	[a]850	.....	.....	.....	.....	.....	481	.....	258	61	.....
1906	.....	.....	.....	713	2,080	.....	.....	.....	.....	.....	.....	.....	66	.....	[a]1,390	.....	.....	.....	.....	.....	923	.....	537	117	.....
1907	.....	.....	.....	604	1,550	.....	2,480	468	.....	.....	.....	.....	37	.....	[a]773	.....	.....	.....	.....	.....	583	.....	442	86	.....
1908	.....	.....	.....	745	2,350	.....	3,790	798	.....	.....	.....	130	63	55	1,090	155	76	.....	.....	.....	515	.....	290	58	.....
1909	.....	.....	.....	.....	2,000	.....	3,170	.....	.....	340	185	.....	.....	.....	1,060	.....	.....	361	.....	.....	617	.....	370	.....	.....
1910	.....	.....	.....	.....	1,800	.....	2,730	.....	.....	334	178	.....	.....	.....	984	.....	.....	.....	.....	.....	522	.....	295	.....	.....
1911	.....	.....	.....	.....	1,110	.....	.....	.....	.....	214	142	.....	.....	.....	636	.....	.....	.....	.....	.....	535	.....	256	.....	.....
1912	1,720	.....	.....	.....	1,530	.....	.....	.....	.....	292	168	.....	.....	.....	1,010	.....	.....	.....	.....	.....	606	.....	348	.....	.....
1913	1,970	.....	.....	.....	1,900	.....	.....	.....	.....	347	166	.....	.....	.....	881	.....	.....	.....	159	478	535	135	224	.....	.....
1914	1,310	.....	.....	.....	1,350	.....	.....	.....	.....	211	107	.....	.....	.....	624	.....	.....	.....	137	400	368	114	188	49	91
1915	2,320	.....	.....	.....	1,710	.....	.....	.....	.....	345	167	.....	.....	.....	1,220	.....	.....	.....	173	610	624	161	248	52	176
1916	1,970	.....	.....	.....	2,370	.....	.....	.....	.....	.....	.....	.....	.....	.....	990	.....	.....	.....	191	681	641	172	380	68	259
1917	1,230	.....	.....	.....	1,720	.....	.....	.....	.....	.....	.....	.....	.....	.....	771	.....	.....	.....	.....	603	568	159	387	.....	.....
1918	1,370	.....	.....	.....	1,470	.....	.....	.....	.....	.....	.....	.....	.....	.....	670	.....	.....	.....	.....	525	561	.....	294	.....	.....
1919	1,650	.....	.....	.....	2,040	2,350	.....	.....	.....	.....	.....	.....	.....	.....	757	.....	.....	.....	.....	456	551	.....	225	39	174

[a]Based on unpublished daily discharge values.

Table 10.--Lowest average flow for 7 consecutive days during each year of continuous record at gaging stations, 1920-55

[Flow is computed in cubic feet per second for indicated climatic years of continuous record]

Year beginning April 1	Index number (pl. 1) and gaging station																		
	3. Ahoskie Creek at Ahoskie	4. Dan River near Asbury	5. Dan River near Francisco	7. Dan River at Pine Hall	10. Mayo River near Price	12. Dan River near Wentworth	13. Dan River at Leaksville	14. Smith River at Spray	23. Roanoke River at Roanoke Rapids	24. Roanoke River near Scotland Neck	28. Tar River near Tar River	33. Tar River near Nashville	34. Sapony Creek near Nashville	39. Fishing Creek near Enfield	40. Tar River at Tarboro	45. Herring Run near Washington	46. Eno River at Hillsboro	48. Flat River at Bahama	49. Dial Creek near Bahama
1920	.....	.....	.....	.....	.....	.....	.....	.....	1,950	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1921	.....	.....	.....	.....	.....	.....	.....	.....	1,260	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1922	.....	.....	.....	.....	.....	.....	.....	.....	2,060	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1923	.....	.....	.....	.....	.....	.....	.....	.....	2,570	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1924	.....	.....	.....	236	.....	.....	.....	.....	2,220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1925	.....	22	42	95	.....	.....	.....	.....	1,240	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1926	.....	.....	.....	.....	.....	.....	.....	.....	1,020	.....	.....	.....	.....	.....	.....	.....	.....	2.0	0
1927	.....	.....	50	.....	.....	.....	.....	.....	1,910	.....	.....	.....	.....	49	.....	.....	.....	9.4	.05
1928	.....	.....	114	.....	.....	.....	.....	.....	2,300	.....	.....	.....	.....	68	.....	.....	6.4	7.1	.25
1929	.....	.....	117	.....	.....	.....	.....	.....	3,240	.....	.....	235	.....	132	.....	.....	13	24	.97
1930	.....	.....	33	.....	56	.....	141	.....	659	.....	.....	46	.....	42	.....	.....	3.3	1.6	0
1931	.....	.....	47	.....	78	.....	263	.....	1,140	.....	.....	86	.....	45	.....	.....	3.8	3.5	.01
1932	.....	.....	33	.....	52	.....	159	.....	521	.....	.....	19	.....	13	40	.....	1.3	.4	0
1933	.....	.....	45	.....	100	.....	243	.....	1,060	.....	.....	21	.....	11	46	.....	1.6	.6	0
1934	.....	.....	80	.....	101	.....	440	.....	2,340	.....	.....	124	.....	53	372	.....	11	16	.38
1935	.....	.....	90	.....	148	.....	406	.....	2,260	.....	.....	99	.....	84	276	.....	4.1	6.4	.18
1936	.....	.....	65	.....	118	.....	342	.....	1,780	.....	.....	120	.....	67	263	.....	8.6	9.8	.44
1937	.....	.....	101	.....	186	.....	675	.....	3,880	.....	.....	240	.....	111	600	.....	17	17	.66
1938	.....	.....	[a]98	.....	149	.....	470	.....	2,680	.....	.....	149	.....	92	385	.....	11	17	.72
1939	.....	.....	[a]74	.....	123	.....	411	.....	2,520	.....	.....	216	.....	132	532	.....	14	17	1.1
1940	.....	.....	[a]100	.....	155	507	542	311	3,300	.....	[a]3.5	134	.....	111	364	.....	4.6	9.2	.28
1941	.....	.....	[a]73	.....	101	286	308	149	1,310	1,310	[a].2	40	.....	26	108	.....	.3	.9	0
1942	.....	.....	[a]110	.....	163	508	539	231	2,700	2,730	[a]7.8	137	.....	53	320	.....	5.8	13	.30
1943	.....	.....	[a]87	.....	145	355	390	221	1,880	1,870	[a].4	38	.....	18	105	.....	2.7	1.3	0
1944	.....	.....	[a]50	.....	81	229	261	119	1,400	1,450	[a]2.8	91	.....	51	204	.....	4.6	3.2	0
1945	.....	.....	[a]100	.....	115	381	393	196	2,480	2,590	[a]14	132	.....	105	362	.....	8.4	22	.53
1946	.....	.....	[a]108	.....	146	413	448	204	2,070	2,340	[a]2.5	115	.....	85	275	.....	6.4	5.9	.21
1947	.....	.....	[a]119	.....	119	406	398	169	2,110	2,140	[a]4.6	106	.....	110	343	.....	4.5	9.0	.38
1948	.....	.....	[a]82	.....	137	430	440	253	2,340	2,420	[a]4.0	95	.....	69	221	.....	4.1	7.0	.44
1949	.....	.....	[a]131	.....	244	741	.....	444	3,940	4,090	[a]7.2	165	.....	129	493	.....	9.7	15	.67
1950	0	.....	[a]110	.....	167	491	.....	[a]289	[a]3,060	[a]3,160	[a]6.8	139	2.6	78	415	.8	6.5	10	.50
1951	0	.....	[a]74	.....	105	280	.....	[a]180	[a]1,630	[a]1,540	[a].6	52	.18	40	139	.8	2.2	2.6	0
1952	0	.....	[a]110	.....	126	436	.....	[a]189	[a]784	[a]853	[a]7.4	84	.39	68	249	.8	8.7	17	.20
1953	0	.....	[a]56	.....	76	215	.....	[a]154	[a]1,950	[a]1,960	[a].3	33	.06	27	138	.8	.6	1.3	0
1954	0	.....	[a]56	.....	45	126	.....	[a]184	[a]2,580	[a]2,580	[a].2	21	.03	14	64	.7	.1	.5	0
1955	0	.....	[a]67	.....	105	293	.....	[a]293	[a]2,160	[a]2,140	[a]4.4	89	4.4	40	316	.8	4.3	7.9	.14

[a]Affected by regulation or diversion.

Table 10.--Lowest average flow for 7 consecutive days during each year of continuous record at gaging stations, 1920-55--Continued

Year beginning April 1	Index number (pl. 1) and gaging station																		
	50. Flat River at dam, near Bahama	51. Neuse River near Northside	63. Neuse River near Clayton	68. Middle Creek near Clayton	72. Little River near Princeton	73. Neuse River near Goldsboro	77. Neuse River at Kinston	80. Contentnea Creek near Wilson	83. Nahunta Swamp near Shine	85. Contentnea Creek at Hookerton	91. Swift Creek near Vanceboro	93. Trent River near Trenton	97. New River near Gum Branch	101. Haw River near Benaja	102. Horsepen Creek at Battle Ground	103. Reedy Fork near Gibsonville	105. South Buffalo Creek near Greensboro	106. North Buffalo Creek near Greensboro	107. Stony Creek near Burlington
1920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1921	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1922	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1923	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1924	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1925	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1926	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.8	.....	.....	.....	.....
1927	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.2	.....	.....	.....	.....
1928	[a]0.5	[a]34	141	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.2	.....	.....	.....	.....
1929	[a]45	[a]108	428	.....	.....	.....	.....	.....	.....	325	.....	.....	.....	63	5.2	[a]19	[a]4.3	[a]9.9	.....
1930	[a].7	[a]12	105	.....	7.4	180	309	[a]1.6	.....	52	.....	.....	.....	12	2.3	[a]6.8	[a].8	[a]6.2	.....
1931	[a]1.2	[a]19	154	.....	20	288	378	[a]11	.....	76	.....	.....	.....	27	.....	[a]11	[a]2.1	[a]7.7	.....
1932	[a].9	[a]3.7	53	.....	1.2	99	143	[a].2	.....	.....	.....	.....	.....	8.4	.....	[a]6.0	[a]1.2	[a]7.0	.....
1933	[a].4	[a]6.3	52	.....	.....	143	191	[a].2	.....	19	.....	.....	.....	19	.....	[a]12	[a]1.6	[a]7.6	.....
1934	[a]32	[a]93	256	.....	36	438	659	[a]27	.....	125	.....	.....	.....	32	4.0	[a]18	[a]3.3	[a]10	.....
1935	[a]3.5	[a]24	148	.....	24	278	538	[a]9.4	.....	110	.....	.....	.....	24	2.6	[a]15	[a]2.5	[a]10	.....
1936	[a]3.8	[a]53	261	.....	28	480	753	[a]13	.....	122	.....	.....	.....	31	2.7	[a]13	[a]3.6	[a]9.9	.....
1937	[a]24	[a]85	370	.....	46	654	793	[a]19	.....	103	.....	.....	.....	58	4.2	[a]31	[a]4.9	[a]13	.....
1938	[a]0	[a]33	203	.....	37	546	756	[a]22	.....	109	.....	.....	.....	35	2.1	[a]20	[a]2.4	[a]8.8	.....
1939	[a]25	[a]78	294	.....	40	515	685	[a]23	.....	137	.....	.....	.....	46	3.3	[a]14	[a]4.7	[a]12	.....
1940	[a]4.3	[a]33	150	2.7	18	247	365	[a]12	.....	67	.....	.....	.....	45	3.7	[a]19	[a]3.8	[a]10	.....
1941	[a]2.1	[a]6.7	60	3.5	3.5	107	177	[a].9	.....	35	.....	.....	.....	20	1.8	[a]5.3	[a]2.2	[a]10	.....
1942	[a]3.6	[a]44	198	10	14	309	505	[a]1.4	.....	52	.....	.....	.....	24	1.9	[a]4.6	[a]3.3	[a]10	.....
1943	[a].3	[a]7.6	84	10	11	197	312	[a]2.0	.....	47	.....	.....	.....	22	2.0	[a]6.0	[a]4.2	[a]13	.....
1944	[a]2.8	[a]24	105	7.1	17	191	310	[a]3.7	.....	45	.....	.....	.....	18	2.7	[a]8.6	[a]2.8	[a]7.4	.....
1945	[a]7.7	[a]72	198	7.6	22	424	576	[a]31	.....	102	.....	.....	.....	29	1.7	[a]8.2	[a]4.2	[a]10	.....
1946	[a]8.0	[a]38	237	11	31	484	725	[a]19	.....	117	.....	.....	.....	24	3.4	[a]13	[a]4.8	[a]13	.....
1947	[a]8.4	[a]27	164	8.2	23	401	547	[a]13	.....	89	.....	.....	.....	18	2.0	[a]4.1	[a]4.0	[a]12	.....
1948	[a]10	[a]36	132	1.8	20	258	317	[a]1.6	.....	46	.....	.....	.....	28	2.2	[a]11	[a]5.6	[a]11	.....
1949	[a]9.0	[a]63	285	18	53	709	884	[a]30	.....	164	.....	.....	.....	47	4.5	[a]27	[a]6.5	[a]19	.....
1950	[a]6.3	[a]56	185	7.1	26	389	537	[a]20	.....	105	7.1	.....	17	48	3.3	[a]22	[a]7.0	[a]19	.....
1951	[a]3.0	[a]15	78	.9	7.9	128	219	[a].5	.....	26	3.2	3.4	5.3	12	1.9	[a]6.6	[a]4.2	[a]13	.....
1952	[a]9.7	[a]35	114	3.3	20	250	356	[a]1.7	.....	50	2.4	4.7	5.4	26	2.5	[a]9.4	[a]6.3	[a]18	.....
1953	[a].9	[a]14	64	.5	7.7	117	218	[a].5	.....	32	.7	4.7	3.6	8.0	1.7	[a]1.7	[a]5.1	[a]13	0.01
1954	[a]3.2	[a]11	56	.1	2.4	98	164	[a]0	1.3	16	0	1.4	2.0	.8	.8	[a]1.2	[a]2.4	[a]12	0
1955	[a]8.0	[a]30	109	4.6	25	202	259	.....	4.8	61	2.3	4.4	4.5	25	1.6	[a]3.0	[a]6.1	[a]15	.17

[a]Affected by regulation or diversion.

Table 10.--Lowest average flow for 7 consecutive days during each year of continuous record at gaging stations, 1920-55--Continued

Year beginning April 1	Index number (pl. 1) and gaging station																		
	110. Haw River at Haw River	115. Haw River near Pittsboro	117. Morgan Creek near Chapel Hill	118. New Hope River near Pittsboro	119. West Fork Deep River near High Point	120. East Fork Deep River near High Point	122. Deep River near Randleman	123. Muddy Creek near Archdale	125. Deep River at Ramseur	129. Beer Creek at Robbins	133. Deep River at Moncure	135. Cape Fear River at Lillington	138. Little River at Manchester	139. Little River at Linden	140. Cape Fear River at Fayetteville	142. Rockfish Creek near Hope Mills	143. Cape Fear River at lock 3, near Tarheel	148. Little Coharie Creek near Roseboro	150. Black River near Tomahawk
1920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1921	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1922	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1923	.....	.....	3.4	.....	.....	.....	.....	.....	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1924	.....	.....	8.0	.....	6.2	.....	.....	.....	43	.....	.....	240	.....	.....	.....	.....	.....	.....	.....
1925	.....	.....	.5	.....	2.0	.....	.....	.....	11	.....	.....	89	.....	.....	.....	.....	.....	.....	.....
1926	.....	.....	1.3	.....	.....	.....	.....	.....	[a]11	.....	.....	28	.....	.....	.....	.....	.....	.....	.....
1927	.....	.....	3.1	.....	.....	.....	.....	.....	[a]57	.....	.....	297	.....	.....	.....	.....	.....	.....	.....
1928	.....	.....	4.4	.....	.....	.....	.....	.....	[a]75	.....	.....	402	.....	.....	.....	.....	.....	.....	.....
1929	194	334	8.0	.....	7.6	4.6	[a]18	.....	[a]79	.....	.....	691	.....	256	1,340	[a]382	.....	.....	.....
1930	21	49	1.2	.....	2.2	2.3	[a]3.9	.....	[a]8.3	.....	.....	67	.....	75	203	[a]142	.....	.....	.....
1931	36	44	2.1	.....	3.1	3.3	[a]6.9	.....	[a]6.6	.....	21	129	.....	91	300	.....	.....	.....	.....
1932	23	45	.....	.....	1.1	1.5	[a]5.8	.....	[a]22	.....	66	101	.....	45	199	.....	.....	.....	.....
1933	42	41	.....	.....	3.0	2.6	[a]4.5	.....	[a]13	.....	17	79	.....	42	210	.....	.....	.....	.....
1934	95	193	.....	.....	5.6	3.0	[a]9.3	.....	[a]63	.....	126	402	.....	75	548	.....	.....	.....	.....
1935	81	84	.....	.....	4.1	3.0	[a]9.2	0.13	[a]20	.....	68	172	.....	53	286	.....	.....	.....	.....
1936	57	123	.....	.....	5.4	3.3	[a]9.1	.38	[a]46	.....	135	358	.....	124	571	.....	.....	.....	.....
1937	134	220	.....	.....	5.9	3.9	[a]16	.52	[a]65	.....	95	400	.....	111	593	.....	.....	.....	.....
1938	66	109	.....	.....	4.4	2.6	[a]8.8	.43	[a]22	.....	46	213	.....	65	676	.....	767	.....	.....
1939	111	173	.....	.....	5.5	3.4	[a]11	.45	[a]35	.....	85	305	[a]66	107	500	[a]175	864	.....	.....
1940	109	110	.....	.....	6.7	4.3	[a]14	.52	[a]17	1.5	21	128	[a]31	35	.....	[a]93	325	.....	.....
1941	40	38	.....	.....	2.4	1.7	[a]5.8	.....	[a]3.6	0	10	58	[a]40	59	.....	[a]87	320	.....	.....
1942	52	111	.....	.....	4.0	2.5	[a]13	.....	[a]22	6.8	67	287	[a]69	90	.....	[a]128	781	.....	.....
1943	52	89	.....	.....	4.0	2.9	[a]11	.....	[a]32	4.4	18	141	[a]51	80	.....	[a]177	579	.....	.....
1944	48	101	.....	.....	3.5	2.9	[a]9.5	.....	[a]24	11	75	206	[a]110	132	.....	[a]194	734	.....	.....
1945	60	160	.....	.....	3.8	2.8	[a]12	.....	[a]21	4.6	96	297	[a]70	100	.....	[a]114	779	.....	.....
1946	86	157	.....	.....	6.5	4.1	[a]15	.....	[a]58	31	244	574	148	185	.....	[a]206	1,260	.....	.....
1947	65	85	.....	.....	3.2	2.7	[a]8.8	.....	[a]13	8.9	77	273	85	100	.....	[a]135	780	.....	.....
1948	60	66	.....	.....	6.0	3.6	[a]12	.....	[a]22	6.6	67	118	90	106	.....	[a]154	578	.....	.....
1949	134	218	.....	[a]20	7.7	4.5	[a]20	.....	[a]48	9.4	166	500	130	188	.....	[a]258	1,340	.....	.....
1950	106	97	.....	[a]13	6.4	3.9	[a]17	.....	[a]21	18	87	247	.....	108	.....	[a]179	755	5.1	.....
1951	32	30	.....	[a]5.1	3.1	2.5	[a]7.2	.....	[a]8.0	4.1	21	74	.....	47	.....	[a]125	414	4.4	.....
1952	70	118	.....	[a]8.4	5.2	3.1	[a]11	.....	[a]35	5.9	131	270	.....	89	.....	[a]106	655	1.7	51
1953	34	28	.....	[a]3.0	2.8	2.5	[a]8.5	.....	[a]12	3.9	41	85	.....	51	.....	[a]115	347	.5	27
1954	16	21	.....	[a]3.0	1.4	1.5	[a]8.0	.....	[a]9.3	.2	6.6	39	.....	41	.....	.....	269	.1	9.9
1955	70	94	.....	[a]5.2	4.6	3.1	[a]12	.....	[a]18	13	78	211	.....	75	.....	.....	554	8.1	52

[a]Affected by regulation or diversion.

Table 10.--Lowest average flow for 7 consecutive days during each year of continuous record at gaging stations, 1920-55--Continued

Year beginning April 1	Index number (pl. 1) and gaging station																		
	151. South River near Parkersburg	152. Colly Creek near Kelly	154. Northeast Cape Fear River near Chinquapin	155. Rockfish Creek near Wallace	158. Waccamaw River at Freeland	159. Yadkin River at Patterson	166. Reddies River at North Wilkesboro	167. Yadkin River at Wilkesboro	173. Fisher River near Copeland	177. Little Yadkin River near Donnaha	178. Forbush Creek near Yadkinville	183. Reedy Creek near Yadkin College	184. Yadkin River at Yadkin College	185. Dutchmans Creek near Cornatzer	187. Rocky Creek at Turnersburg	189. South Yadkin River near Mocksville	190. Hunting Creek near Harmony	192. South Yadkin River at Cooleemee	194. Third Creek Subwatershed No. 21, (IL Creek) at Troutman
1920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1921	.....	.....	.....	.....	.....	.....	.....	363	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1922	.....	.....	.....	.....	.....	.....	.....	441	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1923	.....	.....	.....	.....	.....	.....	.....	313	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1924	.....	.....	.....	.....	.....	.....	.....	387	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1925	.....	.....	.....	.....	.....	.....	.....	182	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1926	.....	.....	.....	.....	.....	.....	.....	168	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1927	.....	.....	.....	.....	.....	.....	.....	250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1928	.....	.....	.....	.....	.....	.....	.....	571	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1929	.....	.....	.....	.....	.....	.....	.....	464	.....	.....	.....	.....	1,830	.....	.....	.....	.....	272	.....
1930	.....	.....	.....	.....	.....	.....	.....	239	.....	.....	.....	.....	756	.....	.....	.....	.....	128	.....
1931	.....	.....	.....	.....	.....	.....	.....	204	.....	.....	.....	.....	713	.....	.....	.....	.....	124	.....
1932	.....	.....	.....	.....	.....	.....	.....	203	28	.....	.....	.....	693	.....	.....	.....	.....	127	.....
1933	.....	.....	.....	.....	.....	.....	.....	264	37	.....	.....	.....	816	.....	.....	.....	.....	199	.....
1934	.....	.....	.....	.....	.....	.....	.....	327	55	.....	.....	.....	1,260	.....	.....	.....	.....	234	.....
1935	.....	.....	.....	.....	.....	.....	.....	388	72	.....	.....	.....	1,330	.....	.....	.....	.....	238	.....
1936	.....	.....	.....	.....	.....	.....	.....	321	64	.....	.....	.....	1,080	.....	.....	.....	.....	229	.....
1937	.....	.....	.....	.....	.....	.....	.....	370	83	.....	.....	.....	1,490	.....	.....	.....	.....	301	.....
1938	.....	.....	.....	.....	.....	.....	.....	336	66	.....	.....	.....	1,170	.....	.....	.....	.....	185	.....
1939	.....	.....	.....	.....	.....	.....	.....	266	61	.....	.....	.....	907	.....	.....	114	.....	177	.....
1940	.....	.....	.....	.....	0.6	15	58	298	63	17	6.1	2.5	1,340	13	33	92	.....	177	.....
1941	.....	.....	12	.....	.7	15	51	239	32	.....	3.3	.43	701	5.3	25	74	.....	119	.....
1942	.....	.....	27	.....	5.5	26	74	378	72	.....	5.3	.....	1,360	.....	37	95	.....	197	.....
1943	.....	.....	12	.....	24	15	60	313	77	.....	6.1	.....	1,130	.....	41	112	.....	187	.....
1944	.....	.....	15	.....	13	12	56	235	61	.....	7.8	.....	1,140	.....	35	106	.....	179	.....
1945	.....	.....	39	.....	22	12	62	282	69	.....	5.3	.....	1,160	.....	32	92	.....	149	.....
1946	.....	.....	126	.....	126	10	59	252	65	.....	5.9	.....	985	.....	38	112	.....	180	.....
1947	.....	.....	50	.....	39	16	53	287	79	.....	5.3	.....	1,150	.....	41	106	.....	182	.....
1948	.....	.....	15	.....	24	18	68	422	65	.....	5.5	.....	1,250	.....	45	121	.....	204	.....
1949	.....	.....	101	.....	71	33	115	642	137	.....	10	.....	2,130	.....	70	183	.....	360	.....
1950	.....	6.3	50	.....	28	25	90	441	109	.....	8.3	.....	1,560	.....	62	179	.....	321	.....
1951	.....	0	13	.....	12	11	55	266	59	.....	3.0	.....	840	.....	29	83	49	129	.....
1952	9.0	0	30	.....	2.9	9.9	53	243	69	.....	5.8	.....	1,030	.....	39	113	68	183	.....
1953	2.1	0	16	.....	.2	9.9	40	197	40	.....	5.7	.....	670	.....	26	67	50	124	.....
1954	.1	0	5.5	.....	.1	5.7	25	120	21	.....	1.6	.....	385	.....	15	39	29	70	.....
1955	11	.71	13	0.83	8.5	9.6	42	169	36	.....	1.5	.....	583	.....	21	50	32	86	0.23

Table 10.--Lowest average flow for 7 consecutive days during each year of continuous record at gaging stations, 1920-55--Continued

Year beginning April 1	Index number (pl. 1) and gaging station																		
	195. Third Creek at Cleveland	199. Yadkin River near Salisbury	205. Abbotts Creek at Lexington	206. Fourmile Branch near Southmont	207. Yadkin River at High Rock	208. Uwharrie River near Trinity	210. Uwharrie River near Eldoredo	217. Dutch Buffalo Creek at Mount Pleasant	218. Big Bear Creek near Richfield	221. Richardson Creek near Marshville	222. Rocky River near Norwood	223. Little Brown Creek near Polkton	224. Brown Creek near Polkton	225. Pee Dee River near Ansonville	226. Little River near Star	227. Big Mountain Creek near Ellerbe	229. Pee Dee River near Rockingham	232. North Fork Jones Creek near Wadesboro	237. Deep Creek near Roseland
1920	.....	2,010	.....	.....	2,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1921	.....	1,500	.....	.....	1,550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1922	.....	1,710	.....	.....	1,880	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1923	.....	1,480	.....	.....	1,560	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1924	.....	1,660	.....	.....	1,470	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1925	.....	795	.....	.....	961	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1926	.....	952	.....	.....	1,010	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1927	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1928	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]2,790	.....	.....
1929	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]4,440	.....	.....
1930	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38	.....	.....	.....	.....	.....	[a]846	.....	.....
1931	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42	.....	.....	.....	.....	.....	[a]1,430	.....	.....
1932	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45	.....	.....	.....	.....	.....	[a]2,230	.....	.....
1933	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41	.....	.....	.....	.....	.....	[a]1,620	.....	.....
1934	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	98	.....	.....	.....	.....	.....	[a]1,930	.....	.....
1935	.....	.....	.....	.....	.....	.51	.....	.....	.....	.....	83	0.02	.....	.....	.....	.....	[a]2,620	0.4	.....
1936	.....	.....	.....	.....	.....	.42	.....	.....	.....	.....	62	0	.....	.....	.....	.....	[a]3,030	.6	.....
1937	.....	.....	.....	.....	.....	.65	.....	.....	.....	.....	85	.02	.....	.....	.....	.....	[a]3,450	1.4	.....
1938	.....	.....	.....	.....	.....	.46	.....	.....	.....	.....	54	0	0	[a]2,080	.....	.....	[a]2,300	.5	.....
1939	.....	.....	.....	.....	.....	.79	25	.....	.....	.....	59	0	0	[a]1,460	.....	.....	[a]1,740	.5	.....
1940	.....	.....	[a]13	0	.....	.68	7.1	1.9	.....	[a]0	43	0	0	[a]2,450	.....	1.8	[a]2,310	.2	6.1
1941	20	.....	[a]2.8	0	.....	.....	.7	1.1	.....	[a].60	28	.....	0	[a]1,400	.....	2.3	[a]1,500	.....	9.7
1942	26	.....	[a]9.3	.....	[a]1,020	.....	29	.....	.....	[a].69	76	.....	.57	.....	.....	.....	[a]2,450	.....	.....
1943	32	.....	[a]9.1	.....	[a]1,910	.....	14	.....	.....	[a].49	67	.....	0	.....	.....	.....	[a]1,650	.....	.....
1944	29	.....	[a]6.7	.....	[a]2,060	.....	16	.....	.....	.....	70	.....	0	.....	.....	.....	[a]1,750	.....	.....
1945	30	.....	[a]6.7	.....	[a]1,880	.....	25	.....	.....	.....	68	.....	.04	.....	.....	.....	[a]2,300	.....	.....
1946	28	.....	[a]20	.....	[a]1,070	.....	35	.....	.....	.....	99	.....	.10	.....	.....	.....	[a]2,320	.....	.....
1947	26	.....	[a]5.8	.....	[a]1,580	.....	14	.....	.....	.....	79	.....	.08	.....	.....	.....	[a]2,730	.....	.....
1948	29	.....	[a]12	.....	[a]2,830	.....	22	.....	.....	.....	70	.....	0	.....	.....	.....	[a]3,170	.....	.....
1949	40	.....	[a]22	.....	[a]2,760	.....	32	.....	.....	.....	116	.....	.24	.....	.....	.....	[a]3,210	.....	.....
1950	41	.....	[a]26	.....	[a]2,480	.....	31	.....	.....	.....	63	.....	0	.....	.....	.....	[a]2,100	.....	.....
1951	21	.....	[a]5.4	.....	[a]54	.....	3.8	.....	.....	.....	40	.....	0	.....	.....	.....	[a]1,220	.....	.....
1952	29	.....	[a]15	.....	[a]809	.....	39	.....	.....	.....	92	.....	.32	.....	.....	.....	[a]1,500	.....	.....
1953	19	.....	[a]10	.....	[a]444	.....	12	.....	.....	.....	69	.....	.03	.....	.....	.....	[a]1,010	.....	.....
1954	11	.....	[a]1.3	.....	[a]292	.....	1.0	.....	0	.....	26	.....	0	.....	0.3	.....	[a]420	.....	.....
1955	12	.....	[a]11	.....	[a]351	.....	25	.....	.63	.....	57	.....	0	.....	14	.....	[a]1,460	.....	.....

[a]Affected by regulation or diversion.

Table 10.--Lowest average flow for 7 consecutive days during each year of continuous record at gaging stations 1920-55--Continued

Year beginning April 1	Index number (pl. 1) and gaging station																		
	238. Drowning Creek near Hoffman	241. Little Raft Swamp at Red Springs	244. Lumber River at Boardman	246. Mill Creek at Old Fort	248. Catawba River near Old Fort	249. Catawba River near Marion	254. Linville River at Branch	261. Lower Little River near All Healing Springs	263. Catawba River at Catawba	268. Henry Fork near Henry River	273. Indian Creek near Laboratory	274. Long Creek near Bessemer City	275. South Fork Catawba River at Lowell	277. Little Sugar Creek near Charlotte	280. Broad River near Chimney Rock	281. Cove Creek near Lake Lure	283. Green River near Mill Spring	287. Second Broad River at Cliffside	288. Broad River near Boiling Springs
1920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1921	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1922	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1923	.....	.....	.....	.....	.....	.....	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1924	.....	.....	.....	.....	.....	.....	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1925	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	.....	.....	2.1	.....	.....	.....	.....	.....
1926	.....	.....	.....	.....	.....	.....	13	.....	.....	[a]14	.....	.....	.....	3.5	.....	.....	.....	39	317
1927	.....	.....	.....	.....	.....	.....	24	.....	.....	[a]26	.....	.....	.....	4.0	[a]20	.....	.....	79	332
1928	.....	.....	.....	.....	.....	.....	63	.....	.....	[a]56	.....	.....	.....	7.7	[a].9	.....	.....	145	901
1929	.....	.....	.....	.....	.....	.....	37	.....	.....	[a]56	.....	.....	.....	9.4	[a]89	.....	.....	163	803
1930	.....	.....	143	5.2	18	.....	15	.....	.....	[a]24	.....	.....	.....	5.0	[a]26	.....	.....	101	372
1931	.....	.....	200	.....	.....	.....	24	.....	.....	.....	.....	.....	.....	5.0	[a]21	.....	.....	62	308
1932	.....	.....	176	.....	.....	.....	11	.....	.....	.....	.....	.....	.....	5.9	[a]18	.....	.....	78	393
1933	.....	.....	147	.....	.....	.....	35	.....	.....	.....	.....	.....	.....	7.6	[a]49	.....	.....	129	503
1934	.....	.....	288	.....	.....	.....	41	.....	.....	.....	.....	.....	.....	7.2	[a]73	.....	.....	123	738
1935	.....	.....	154	.....	.....	.....	41	.....	.....	.....	.....	.....	.....	7.9	[a]67	.....	.....	100	546
1936	.....	.....	340	.....	.....	.....	36	.....	[a]934	.....	.....	.....	.....	7.9	[a]75	.....	.....	151	770
1937	.....	.....	276	.....	.....	.....	37	.....	[a]807	.....	.....	.....	.....	7.9	[a]78	.....	.....	136	810
1938	.....	.....	303	.....	.....	.....	31	.....	[a]911	.....	.....	.....	.....	4.3	[a]60	.....	.....	106	550
1939	.....	.....	306	.....	.....	.....	22	.....	[a]822	.....	.....	.....	.....	6.8	[a]36	.....	.....	73	447
1940	31	1.2	134	.....	.....	.....	41	.....	[a]856	.....	.....	.....	.....	6.4	[a]16	.....	.....	55	391
1941	53	1.9	165	.....	.....	.....	17	.....	[a]572	.....	.....	.....	.....	4.4	[a]3.6	.....	[a]75	69	360
1942	59	.....	287	.....	.....	161	53	.....	[a]844	[a]36	.....	.....	[a]262	6.6	[a]67	.....	[a]185	120	718
1943	77	.....	258	.....	.....	99	22	.....	[a]709	[a]31	.....	.....	[a]265	7.6	[a]56	.....	[a]168	92	577
1944	126	.....	456	.....	.....	81	21	.....	[a]817	[a]30	.....	.....	[a]210	8.4	[a]9.8	.....	[a]145	98	686
1945	96	.....	308	.....	.....	124	45	.....	[a]271	[a]35	.....	.....	[a]268	6.6	[a]5.7	.....	[a]102	114	578
1946	132	.....	447	.....	.....	104	25	.....	[a]196	[a]48	.....	.....	[a]282	6.9	[a]63	.....	[a]217	138	746
1947	90	.....	293	.....	.....	87	31	.....	[a]321	[a]39	.....	.....	[a]261	6.5	[a]54	.....	[a]154	95	581
1948	80	.....	298	.....	.....	120	38	.....	[a]189	[a]56	.....	.....	[a]307	6.2	[a]75	.....	[a]171	118	735
1949	125	.....	548	.....	.....	273	61	.....	[a]1,370	[a]80	.....	.....	[a]398	14	[a]113	.....	[a]310	107	1,130
1950	77	.....	288	.....	.....	150	31	.....	[a]185	[a]39	.....	.....	[a]179	6.0	[a]74	.....	[a]231	138	817
1951	41	.....	128	.....	.....	66	18	.....	[a]188	[a]14	.....	.....	[a]141	4.3	[a]39	40	[a]89	60	438
1952	64	.....	209	.....	.....	84	19	.....	[a]456	[a]42	21	.....	[a]197	7.4	[a]54	36	[a]99	98	452
1953	65	.....	162	.....	.....	45	16	8.0	[a]292	[a]29	15	[a]4.7	[a]177	5.0	[a]3.5	29	[a]52	59	394
1954	36	.....	92	.....	.....	32	14	3.7	[a]166	[a]20	5.9	[a]1.3	[a]73	2.7	[a]18	21	.....	42	198
1955	63	.....	250	.....	.....	86	27	3.4	[a]206	[a]20	9.8	[a]1.0	[a]94	6.3	[a]36	36	.....	58	350

[a]Affected by regulation or diversion.

Table 10.--Lowest average flow for 7 consecutive days during each year of continuous record at gaging stations, 1920-55--Continued

Year beginning April 1	Index number (pl. 1) and gaging station																		
	289. Sandy Run Creek near Boiling Springs	291. First Broad River near Lawndale	293. North Pacolet River near Tryon	296. South Fork New River near Jefferson	299. North Fork New River near Warrensville	300. North Fork New River at Crumpler	302. French Broad River at Rosman	303. French Broad River at Calvert	304. Catheys Creek near Brevard	306. Davidson River near Brevard	307. Little River near Penrose	308. Crab Creek near Penrose	309. French Broad River at Blantyre	310. Boylston Creek near Horseshoe	311. South Fork Mills River at The Pink Beds	312. Mills River near Mills River	313. Clear Creek near Hendersonville	314. Mud Creek at Naples	315. Cane Creek at Fletcher
1920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1921	.....	.....	.....	.....	.....	.....	.....	.....	.....	50	.....	.....	404	.....	.....	.....	.....	.....	.....
1922	.....	.....	.....	.....	.....	.....	.....	.....	.....	37	.....	.....	265	.....	.....	.....	.....	.....	.....
1923	.....	.....	.....	.....	.....	.....	.....	.....	.....	46	.....	.....	371	.....	.....	.....	.....	.....	.....
1924	.....	.....	40	.....	.....	.....	.....	.....	.....	47	.....	.....	385	.....	.....	.....	.....	.....	.....
1925	.....	.....	13	72	28	.....	.....	54	.....	16	.....	.....	157	.....	.....	20	.....	.....	.....
1926	14	.....	.....	.....	.....	.....	.....	84	.....	31	.....	.....	254	.....	3.8	.....	.....	.....	.....
1927	18	.....	.....	.....	.....	.....	.....	95	.....	41	.....	.....	244	.....	5.3	.....	.....	.....	.....
1928	.....	.....	.....	.....	.....	.....	.....	209	.....	72	.....	.....	532	.....	12	.....	.....	.....	.....
1929	.....	.....	.....	199	.....	207	.....	151	.....	59	.....	.....	383	.....	5.4	.....	.....	.....	.....
1930	.....	.....	.....	86	.....	71	.....	67	.....	33	.....	.....	228	.....	2.0	.....	.....	.....	.....
1931	.....	.....	.....	113	.....	101	.....	76	.....	24	.....	.....	207	.....	4.5	.....	.....	.....	.....
1932	.....	.....	.....	107	.....	65	.....	112	.....	39	.....	.....	319	.....	7.8	.....	.....	.....	.....
1933	.....	.....	.....	134	.....	94	.....	109	.....	42	.....	.....	335	.....	8.7	.....	.....	.....	.....
1934	.....	.....	.....	213	.....	149	.....	202	.....	50	.....	.....	545	.....	8.3	75	.....	.....	.....
1935	.....	.....	.....	216	.....	182	.....	135	.....	42	.....	.....	325	.....	8.1	54	.....	.....	.....
1936	.....	.....	.....	151	.....	135	72	110	.....	31	.....	.....	243	.....	4.9	51	.....	.....	.....
1937	.....	.....	.....	154	.....	125	88	146	.....	50	.....	.....	391	.....	8.1	80	.....	.....	.....
1938	.....	.....	.....	164	.....	144	84	142	.....	38	.....	.....	316	.....	6.2	50	.....	.....	.....
1939	.....	.....	.....	114	.....	87	57	96	.....	27	.....	.....	240	.....	4.9	34	.....	55	.....
1940	.....	58	.....	202	.....	188	75	125	.....	45	.....	.....	315	.....	9.5	50	.....	66	.....
1941	.....	74	.....	139	.....	97	70	110	.....	26	.....	.....	228	.....	4.5	42	.....	53	.....
1942	.....	110	.....	237	.....	143	112	196	.....	55	.....	.....	490	.....	10	83	.....	91	.....
1943	.....	109	.....	121	.....	114	72	107	.....	33	[a]21	10	293	10	6.0	40	.....	77	26
1944	.....	89	.....	131	.....	95	64	114	.....	35	[a]32	9.3	310	13	4.8	41	.....	57	25
1945	.....	85	.....	226	.....	194	78	114	12	45	[a]40	11	349	12	6.4	58	.....	82	32
1946	.....	107	.....	161	.....	152	90	135	13	39	[a]46	11	380	15	6.9	52	28	84	30
1947	.....	100	.....	156	.....	144	65	94	11	25	[a]18	8.6	226	9.9	3.1	32	21	61	22
1948	.....	119	.....	191	.....	121	98	150	18	59	[a]50	13	389	17	10	68	33	85	28
1949	.....	187	.....	331	.....	222	177	279	30	87	[a]88	23	726	27	.....	124	54	149	65
1950	.....	111	.....	245	.....	183	111	203	21	44	[a]63	15	497	17	.....	71	42	115	33
1951	.....	70	.....	126	.....	104	60	87	12	30	[a]29	7.8	246	10	.....	40	21	57	19
1952	.....	82	.....	129	.....	84	56	88	10	30	[a]1.5	9.5	222	9.7	.....	41	18	56	22
1953	.....	60	.....	107	.....	71	54	98	10	22	[a]30	8.1	236	8.2	.....	28	14	45	11
1954	.....	42	.....	87	.....	61	38	59	6.6	15	[a]17	5.0	133	6.0	.....	19	9.9	26	10
1955	.....	44	.....	104	.....	96	65	.....	.....	33	.....	.....	233	.....	.....	37	.....	.....	17

[a]Affected by regulation or diversion.

Table 10.--Lowest average flow for 7 consecutive days during each year of continuous record at gaging stations, 1920-55--Continued

Year beginning April 1	Index number (pl. 1) and gaging station																			
	316. French Broad River at Bent Creek	317. Hominy Creek at Candler	318. North Fork Swannanoa River near Black Mountain	319. Swannanoa River at Swannanoa	320. Beetree Creek near Swannanoa	321. Swannanoa River at Biltmore	322. French Broad River at Asheville	323. Sandymush Creek near Alexander	324. Ivy River near Marshall	325. French Broad River at Marshall	326. Big Laurel Creek near Stackhouse	327. French Broad River at Hot Springs	329. West Fork Pigeon River above Lake Logan	330. East Fork Pigeon River near Canton	331. Pigeon River at Canton	333. Allen Creek near Hazelwood	334. Pigeon River near Crabtree	335. Jonathan Creek near Cove Creek	336. Pigeon River near Hepco
1920	.....	.....	.....	.....	.....	.....	996	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1921	.....	.....	.....	.....	.....	[a]47	723	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]133	.....	.....
1922	.....	.....	.....	.....	.....	[a]43	629	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]95	.....	.....
1923	.....	.....	.....	.....	.....	[a]55	725	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]122	.....	.....
1924	.....	.....	.....	.....	.....	[a]38	719	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]134	.....	.....
1925	.....	.....	.....	.....	.....	[a]17	258	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]57	.....	.....
1926	.....	.....	[a]0.8	[a]8.2	0.8	.....	417	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]80	.....	.....
1927	.....	.....	[a]2.5	[a]11	.8	.....	562	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]124	.....	.....
1928	.....	.....	[a]17	[a]45	3.5	.....	1,220	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]242	.....	[a]343
1929	.....	.....	[a]6.3	[a]28	2.1	.....	845	.....	.....	.....	.....	.....	.....	.....	86	.....	.....	.....	[a]253
1930	.....	.....	[a]2.5	[a]11	.8	.....	428	.....	.....	.....	.....	.....	.....	.....	47	.....	.....	30	[a]121
1931	.....	.....	[a]2.6	.....	1.4	.....	394	.....	.....	.....	.....	.....	.....	.....	47	.....	.....	30	[a]120
1932	.....	.....	[a]2.5	.....	.9	.....	563	.....	.....	.....	.....	.....	.....	.....	[a]53	.....	.....	26	[a]126
1933	.....	.....	[a]4.0	.....	1.1	.....	650	.....	.....	.....	.....	.....	.....	.....	[a]78	.....	.....	40	[a]180
1934	.....	.....	[a]9.4	.....	1.7	.....	1,130	.....	32	.....	42	1,370	.....	.....	[a]80	.....	.....	38	[a]204
1935	562	.....	[a]5.0	.....	1.6	[a]35	680	.....	26	.....	37	819	.....	.....	[a]83	.....	.....	35	[a]189
1936	553	.....	[a]5.1	.....	1.0	[a]49	738	.....	43	.....	40	1,040	.....	.....	[a]85	.....	.....	38	[a]205
1937	820	.....	[a]7.1	.....	2.0	[a]50	954	.....	41	.....	59	1,110	.....	.....	[a]104	.....	.....	57	[a]288
1938	502	.....	[a]3.7	.....	1.4	[a]31	666	.....	28	.....	47	771	.....	.....	[a]66	.....	.....	35	[a]167
1939	444	.....	[a]3.5	.....	1.2	[a]8.7	534	.....	22	.....	26	620	.....	.....	[a]54	.....	.....	25	[a]123
1940	628	.....	[a]6.8	.....	2.9	[a]41	735	.....	40	.....	42	936	.....	.....	[a]94	.....	.....	51	[a]251
1941	384	.....	[a]1.5	.....	.8	[a]7.7	471	.....	19	.....	25	484	.....	.....	[a]54	.....	.....	29	[a]109
1942	842	.....	[a]7.6	.....	2.4	[a]39	978	.....	36	.....	51	1,200	.....	.....	[a]107	.....	.....	50	[a]246
1943	526	31	[a]2.6	.....	1.2	[a]26	631	16	17	726	35	786	.....	.....	[a]52	.....	.....	36	[a]144
1944	499	24	[a]2.2	.....	.9	[a]23	599	14	20	671	29	699	.....	.....	[a]65	.....	.....	30	[a]151
1945	615	23	[a]8.0	.....	2.8	[a]46	723	19	45	966	71	1,030	.....	.....	[a]78	.....	.....	51	[a]216
1946	646	36	[a]2.9	.....	1.3	[a]26	724	19	31	829	41	874	.....	.....	[a]67	.....	.....	38	[a]189
1947	407	22	[a]2.3	.....	1.0	[a]28	506	14	29	576	45	647	.....	.....	[a]61	.....	.....	28	[a]133
1948	707	36	[a]4.0	.....	1.7	[a]32	755	15	27	865	37	919	.....	.....	[a]96	.....	.....	33	[a]192
1949	1,250	79	[a]17	.....	4.1	[a]85	1,460	33	67	1,680	75	.....	.....	.....	[a]179	.....	.....	72	[a]415
1950	864	45	[a]5.1	.....	2.4	[a]38	1,030	23	38	1,140	48	.....	.....	.....	[a]69	[a]11	.....	39	[a]188
1951	456	30	[a]2.0	.....	.9	[a]19	516	16	26	590	41	.....	.....	.....	[a]61	[a]10	.....	40	[a]133
1952	466	31	[a]1.8	.....	.6	[a]23	549	12	16	621	25	.....	.....	.....	[a]66	[a]7.1	.....	28	[a]143
1953	412	15	[a].9	.....	.7	[a]7.3	483	5.1	9.8	509	20	.....	.....	.....	[a]44	[a]5.4	.....	24	[a]109
1954	239	15	[a]1.2	.....	.4	[a]7.9	277	6.3	17	313	29	.....	11	14	[a]43	[a]5.1	.....	26	[a]111
1955	406	22	[a]1.9	.....	1.2	[a]23	476	.....	15	611	23	.....	21	29	[a]72	[a]7.6	.....	29	[a]148

[a]Affected by regulation or diversion.

Table 10.--Lowest average flow for 7 consecutive days during each year of continuous record at gaging stations, 1920-55--Continued

Year beginning April 1	Index number (pl. 1) and gaging station																		
	337. Cataloochee Creek near Cataloochee	338. Pigeon River near Mount Sterling	339. North Toe River at Altapass	340. South Toe River at Newdale	341. Cane River near Sioux	342. Nolichucky River at Poplar	343. Watauga River near Sugar Grove	344. Watauga River at North Carolina-Tennessee state line	345. Elk River near Banner Elk	346. Elk River near Elk Park	347. Little Tennessee River near Prentiss	348. Cullasaja River at Highlands	349. Cullasaja River at Cullasaja	350. Little Tennessee River at Franklin	351. Little Tennessee River at Iotla	352. Little Tennessee River at Needmore	353. Nantahala River near Rainbow Springs	354. Nantahala River at Nantahala	355. Nantahala River at Almond
1920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1921	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78	257	.....	.....	.....	.....	190
1922	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63	223	.....	.....	.....	.....	134
1923	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76	240	.....	.....	.....	.....	152
1924	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66	235	.....	.....	.....	.....	148
1925	.....	87	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	.....	.....	.....	84
1926	.....	209	.....	.....	.....	181	.....	.....	.....	.....	.....	.....	42	.....	.....	.....	.....	.....	136
1927	.....	253	.....	.....	.....	309	.....	.....	.....	.....	.....	.....	57	.....	.....	.....	.....	.....	176
1928	.....	429	.....	.....	.....	660	.....	.....	.....	.....	.....	.....	122	.....	.....	.....	.....	.....	286
1929	.....	[a]295	.....	.....	.....	446	.....	.....	.....	.....	.....	.....	82	.....	.....	.....	.....	.....	187
1930	.....	.....	.....	.....	.....	226	.....	.....	.....	.....	.....	.....	43	.....	180	.....	.....	.....	113
1931	.....	.....	.....	.....	.....	226	.....	.....	.....	.....	.....	.....	33	.....	138	.....	.....	.....	111
1932	.....	.....	.....	.....	.....	177	.....	.....	.....	.....	.....	[a]7.0	52	.....	230	.....	.....	.....	153
1933	.....	.....	.....	.....	.....	276	.....	.....	.....	.....	.....	[a]8.7	40	.....	175	.....	.....	.....	94
1934	30	.....	.....	54	92	341	.....	.....	.....	.....	.....	[a]21	84	.....	287	.....	.....	.....	189
1935	27	.....	.....	47	61	330	.....	.....	12	23	.....	[a]15	56	.....	252	.....	.....	.....	121
1936	28	.....	.....	36	85	375	.....	.....	8.4	18	.....	[a].4	54	.....	258	.....	.....	.....	115
1937	42	.....	.....	45	75	336	.....	.....	8.4	16	.....	[a]13	74	.....	279	.....	.....	.....	190
1938	28	.....	.....	32	60	274	.....	.....	7.7	16	.....	[a]12	67	.....	261	.....	.....	.....	142
1939	19	.....	46	25	40	206	.....	.....	5.4	13	.....	[a]7.1	39	.....	191	.....	.....	.....	102
1940	35	.....	77	49	75	393	48	.....	.....	25	.....	[a]17	67	.....	259	.....	.....	.....	164
1941	20	.....	42	28	33	190	28	.....	.....	12	.....	[a]8.2	55	.....	199	.....	59	.....	[a]132
1942	38	.....	103	53	85	423	70	.....	.....	36	.....	[a]21	101	.....	318	.....	90	.....	[a]95
1943	21	.....	49	26	50	234	26	36	.....	15	.....	[a]13	58	.....	265	.....	66	[a]54	.....
1944	21	.....	43	40	50	236	20	29	.....	13	102	[a]11	48	.....	224	.....	52	[a]64	.....
1945	46	.....	79	72	110	404	46	77	.....	21	107	[a]18	59	.....	.....	308	56	[a]45	.....
1946	28	.....	53	33	68	289	30	43	.....	13	124	[a]16	66	.....	.....	357	58	[a]128	.....
1947	26	.....	57	37	60	288	43	73	.....	26	84	[a].8	42	.....	.....	244	49	[a]50	.....
1948	24	.....	70	51	54	314	52	72	.....	19	122	[a]15	66	.....	.....	336	59	[a]39	.....
1949	53	.....	118	99	132	625	85	112	.....	36	275	[a]30	146	.....	.....	735	111	[a]143	.....
1950	30	.....	70	51	83	380	61	86	.....	30	157	[a]19	85	.....	.....	453	93	[a]81	.....
1951	28	.....	41	25	45	210	18	31	.....	10	99	[a]9.3	50	.....	.....	282	50	[a]57	.....
1952	.....	.....	37	.....	38	200	21	24	.....	9.8	96	[a]1.3	40	.....	.....	223	39	[a]42	.....
1953	.....	.....	37	.....	32	152	18	20	.....	8.6	91	[a]2.2	35	.....	.....	237	34	[a]51	.....
1954	.....	.....	34	.....	38	160	15	17	.....	6.7	67	[a]1.9	29	.....	.....	172	39	[a]77	.....
1955	.....	.....	61	.....	41	.....	31	.....	.....	.....	114	[a]10	59	.....	.....	310	60	[a]40	.....

[a]Affected by regulation or diversion.

Table 10.--Lowest average flow for 7 consecutive days during each year of continuous record at gaging stations, 1920-55--Continued

Year beginning April 1	Index number (pl. I) and gaging station																			
	356. Little Tennessee River at Judson	357. Tuckasegee River at Tuckasegee	358. Scott Creek above Sylva	359. Scott Creek at Sylva	360. Tuckasegee River at Dillsboro	362. Oconaluftee River at Cherokee	364. Oconaluftee River at Birdtown	367. Tuckasegee River at Bryson City	368. Noland Creek near Bryson City	369. Hazel Creek at Proctor	370. Little Tennessee River at Fontana Dam	371. Snowbird Creek near Robbinsville	372. Cheoah River at Johnson	373. Shooting Creek near Hayesville	374. Hiwassee River below Chatuge Dam, near Hayesville	375. Hiwassee River below Hayesville	376. Hiwassee River above Murphy	378. Valley River at Tomotla	379. Nottely River near Ranger	380. Hiwassee River at Hiwassee Dam
1920	665	.....	.....	.....	.....	.....	.....	681	.....	.....	.....	.....	.....	.....	.....	.....	386	95	285	.....
1921	599	.....	.....	.....	.....	144	.....	605	.....	.....	.....	.....	118	.....	.....	.....	246	68	195	.....
1922	423	.....	.....	.....	.....	79	.....	420	.....	.....	.....	.....	129	.....	.....	.....	267	58	214	.....
1923	463	.....	.....	.....	.....	92	.....	449	.....	.....	.....	.....	99	.....	.....	.....	236	49	245	.....
1924	516	.....	.....	.....	.....	100	.....	415	.....	.....	.....	.....	103	.....	.....	.....	153	43	190	.....
1925	220	.....	.....	.....	.....	58	.....	97	.....	.....	.....	.....	41	.....	.....	.....	107	13	43	.....
1926	385	.....	.....	.....	.....	149	.....	399	.....	.....	.....	.....	.....	.....	.....	.....	130	47	106	.....
1927	493	.....	.....	.....	.....	145	.....	501	.....	.....	.....	.....	.....	.....	.....	.....	246	61	154	.....
1928	913	.....	.....	[a]68	.....	189	.....	806	.....	.....	.....	.....	.....	.....	.....	.....	453	113	314	.....
1929	675	.....	.....	[a]54	.....	158	.....	690	.....	.....	.....	.....	.....	.....	.....	.....	374	71	.....	.....
1930	394	.....	.....	[a]28	.....	105	.....	368	.....	.....	.....	.....	.....	.....	.....	.....	175	30	.....	.....
1931	344	.....	.....	[a]24	.....	77	.....	287	.....	.....	.....	.....	.....	.....	.....	.....	130	21	.....	.....
1932	490	.....	.....	[a]29	.....	102	.....	384	.....	.....	.....	.....	.....	.....	.....	.....	198	38	151	.....
1933	366	.....	.....	[a]27	.....	80	.....	330	.....	.....	.....	.....	.....	.....	.....	.....	177	30	135	.....
1934	591	.....	.....	[a]40	313	131	.....	589	.....	.....	.....	.....	.....	.....	.....	.....	290	68	161	.....
1935	395	114	.....	[a]30	222	79	.....	391	.....	.....	.....	.....	.....	.....	.....	115	168	28	102	330
1936	425	119	.....	[a]41	267	121	.....	540	8.1	.....	.....	.....	.....	.....	.....	134	188	31	153	483
1937	610	136	.....	[a]54	367	132	.....	692	13	.....	.....	.....	.....	.....	.....	210	274	47	158	584
1938	481	110	.....	[a]41	263	101	.....	477	11	.....	.....	.....	.....	.....	.....	202	294	63	205	684
1939	364	81	.....	[a]25	182	70	.....	345	4.8	.....	792	.....	.....	.....	.....	138	209	33	138	[a]1.0
1940	553	[a]141	.....	[a]44	[a]310	91	.....	[a]572	8.5	.....	1,300	.....	.....	.....	.....	170	238	37	150	[a]1.9
1941	[a]359	[a]76	.....	.....	[a]173	84	.....	[a]303	7.5	.....	860	.....	.....	.....	.....	[a]113	[a]169	30	[a]76	[a]24
1942	[a]664	[a]224	48	.....	[a]434	138	.....	[a]768	18	.....	1,730	.....	.....	34	[a]1.4	[a]63	[a]172	85	[a]42	[a]34
1943	[a]566	[a]83	32	.....	[a]204	94	.....	[a]463	9.7	34	1,620	48	.....	21	[a]1.5	[a]57	[a]134	58	[a]38	.....
1944	.....	[a]74	35	.....	[a]201	86	.....	[a]493	6.5	26	[a]5.0	37	.....	16	[a]1.5	[a]40	[a]99	43	[a]28	.....
1945	.....	[a]80	38	.....	[a]241	153	.....	[a]557	17	49	[a]540	42	.....	.....	[a]1.7	.....	[a]110	43	.....	.....
1946	.....	[a]101	32	.....	[a]256	106	.....	[a]510	6.9	31	[a]1,500	42	.....	.....	[a]2.1	.....	[a]129	43	.....	.....
1947	.....	[a]69	37	.....	[a]181	81	.....	[a]397	13	25	[a]1,380	32	.....	14	[a]1.4	.....	[a]133	33	.....	.....
1948	.....	[a]143	35	.....	[a]314	85	.....	[a]545	9.1	22	[a]1,830	33	.....	21	[a]1.4	.....	[a]98	38	.....	.....
1949	.....	[a]200	78	.....	[a]513	.....	229	[a]1,090	21	58	[a]1,360	78	.....	51	[a]3.9	.....	[a]438	100	.....	.....
1950	.....	[a]117	39	.....	[a]298	.....	149	[a]707	12	33	[a]1,530	41	.....	35	[a]1.6	.....	[a]161	67	.....	.....
1951	.....	[a]128	37	.....	[a]277	.....	133	[a]539	11	33	[a]667	36	.....	22	[a]1.8	.....	[a]119	43	.....	.....
1952	.....	[a]51	29	.....	[a]218	.....	92	[a]383	6.0	.....	[a]766	.....	.....	18	[a].9	.....	[a]80	46	.....	.....
1953	.....	[a]90	26	.....	[a]208	.....	88	[a]410	6.8	.....	[a]1,990	.....	.....	18	[a]1.1	.....	[a]83	29	.....	.....
1954	.....	[a]74	23	.....	[a]175	.....	82	[a]302	5.4	.....	[a]271	.....	.....	13	[a]3.0	.....	[a]103	22	.....	.....
1955	.....	[a]29	30	.....	[a]217	.....	118	[a]444	9.5	.....	.....	.....	.....	.....	[a]2.4	.....	[a]108	44	.....	.....

[a]Affected by regulation or diversion.

Table 11.—Storage required for selected recurrence intervals at stream-gaging sites

[Data are based on frequency data adjusted to period April 1897 to March 1955 on basis of long-term streamflow records. Symbol N, after site name, indicates that although flow is affected by regulation or diversion, data shown are based on natural flow]

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average recurrence interval (years)	Storage required, in acre-feet per square mile, to maintain indicated regulated flow, in cubic feet per second per square mile														
				0.01	0.015	0.02	0.03	0.04	0.05	0.07	0.10	0.15	0.20	0.30	0.40	0.60	0.80	1.20
	CHOWAN RIVER BASIN																	
3	Ahoskie Creek at Ahoskie.....	64.3	20	1.92	3.11	4.32	6.89	10.6	14.2	21.4	32.3	.....	.....	.....	.....	.....	.....	.....
			60	2.96	4.77	6.61	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	ROANOKE RIVER BASIN																	
4	Dan River near Asbury[N].....	71.4	20	0	0	0	0	0	0	0	0	0	0	0.10	3.10	28.6	72.6	214
			60	0	0	0	0	0	0	0	0	0	0	1.97	12.0	49.1	113	.....
5	Dan River near Francisco[N].....	124	20	0	0	0	0	0	0	0	0	0	0	.43	4.13	30.9	75.3	.....
			60	0	0	0	0	0	0	0	0	0	.07	3.55	15.3	52.6	118	.....
6	Town Fork Creek at Walnut Cove..	110	20	0	0	0	0	0	0	.12	.95	5.48	13.4	35.0	63.9	.....	.....	.....
			60	0	0	0	0	0	.14	.96	3.81	12.0	23.1	52.3	98.1	.....	.....	.....
7	Dan River at Pine Hall.....	481	20	0	0	0	0	0	0	0	0	.....	.....	6.19	20.8	59.6	117	.....
			60	0	0	0	0	0	0	0	.....	.....	.....	17.0	34.9	89.0	.....	.....
8	Belews Creek near Pine Hall.....	79.3	20	0	0	0	0	0	0	.27	1.08	4.65	10.8	29.8	.....	.....	.....	.....
			60	0	0	0	.10	.24	.54	1.73	4.77	12.5	21.7	45.5	.....	.....	.....	.....
9	Big Beaver Island Creek near Madison	24	20	0	0	0	.02	.16	.30	1.14	2.92	8.81	16.9	34.7	58.3	115	.....	.....
			60	0	.03	.10	.48	1.08	1.79	4.17	8.93	18.1	30.2	53.8	87.5	.....	.....	.....
10	Mayo River near Price.....	260	20	0	0	0	0	0	0	0	0	0	0	.92	8.70	45.8	109	.....
			60	0	0	0	0	0	0	0	0	0	.38	6.41	22.0	75.4	.....	.....
11	Hogan Creek near Madison.....	23	20	0	0	0	.07	.21	.42	1.61	4.29	11.8	20.9	42.2	66.2	140	.....	.....
			60	0	.04	.11	.54	1.14	2.27	4.82	10.2	20.3	32.4	64.0	101	.....	.....	.....
12	Dan River near Wentworth.....	1,050	20	0	0	0	0	0	0	0	0	0	.53	7.59	24.1	76.1	.....	.....
			60	0	0	0	0	0	0	0	0	.51	3.74	18.7	40.8	111	.....	.....
13	Dan River at Leaksville.....	1,150	20	0	0	0	0	0	0	0	0	0	.61	8.80	25.6	82.1	.....	.....
			60	0	0	0	0	0	0	0	0	.73	4.66	20.2	42.4	.....	.....	.....

15	Wolf Island Creek near Pelham...	69	20	0	0	0	0	0	0	0	.42	3.93	11.7	32.2	63.6	.....	.....	.....
			60	0	0	0	0	0	.06	.42	2.39	10.0	19.1	49.0	.....	.....	.....	.....
16	Hogans Creek near Providence....	96.1	20	0	0	0	.06	.20	.34	1.43	3.69	10.8	19.8	42.0	71.8	.....	.....	.....
			60	0	.07	.14	.54	1.14	1.91	4.29	9.64	18.6	30.7	64.0	105	.....	.....	.....
17	Moon Creek near Providence.....	38	20	0	0	0	0	0	.12	.39	1.97	6.91	15.4	36.0	67.7	.....	.....	.....
			60	0	0	0	.14	.28	.84	2.15	5.90	14.9	25.0	55.9	97.0	.....	.....	.....
18	Country Line Creek at Yanceyville	48	20	0	0	0	.05	.19	.48	1.67	5.00	14.0	24.3	50.9	87.8	.....	.....	.....
			60	0	.01	.08	.42	1.02	2.15	5.00	10.4	21.5	37.1	73.4	.....	.....	.....	.....
19	Country Line Creek near Semora..	120	20	.13	.43	.72	1.91	3.58	5.36	8.93	15.5	27.8	46.0	87.0	.....	.....	.....	.....
			60	.....	1.29	2.18	3.58	5.96	8.34	13.1	23.3	41.4	.....	.....	.....	.....	.....	.....
20	North Hyco Creek near Roxboro...	78	20	.66	1.43	2.33	4.11	5.90	7.68	11.7	18.9	34.4	52.7	.....	.....	.....	.....	.....
			60	1.49	2.38	3.27	5.62	8.00	10.4	17.5	28.4	.....	.....	.....	.....	.....	.....	.....
21	Smith Creek near Norlina.....	31	20	.47	.76	1.06	1.66	2.25	3.10	5.48	9.05	17.6	26.6	44.6	62.6	110	.....	.....
			60	1.61	2.50	3.40	5.18	6.97	8.75	12.4	17.7	27.6	39.6	63.6	87.6	.....	.....	.....
22	Six Pound Creek near Oakville...	12	20	0	0	0	0	0	0	0	0	.42	2.27	13.8	31.6	75.2	168	.....
			60	0	0	0	0	0	0	0	.21	2.27	8.40	26.3	45.3	112	.....	.....
25	Ready Branch near Williamston...	15.5	20	0	0	0	0	0	0	0	1.08	12.0	29.1	.....	.....	.....	.....	.....
			60	0	0	0	0	0	0	.....	2.50	.....	.....	.....	.....	.....	.....	.....
	TAR - PAMLICO RIVER BASIN																	
27	Shelton Creek near Oxford.....	22.6	20	1.45	2.34	3.24	5.02	7.29	9.67	14.5	23.3	41.7	60.0	.....	.....	.....	.....	.....
			60	2.00	3.19	4.38	7.26	10.9	14.6	21.8	.....	.....	.....	.....	.....	.....	.....	.....
29	Tabbs Creek near Kittrell.....	70	20	.03	.10	.36	1.20	2.50	4.29	7.86	13.3	24.0	36.0	72.5	.....	.....	.....	.....
			60	.16	.60	1.25	3.04	4.82	6.61	11.2	18.4	36.6	54.9	.....	.....	.....	.....	.....
30	Cedar Creek near Louisburg.....	47.8	20	0	0	0	0	0	0	0	.28	2.52	10.1	28.1	28.7	.....	.....	.....
			60	0	0	0	0	0	0	.....	1.50	8.82	17.8	38.4	73.2	.....	.....	.....
31	Crooked Creek near Bunn.....	31	20	0	0	0	0	0	0	.14	1.02	5.60	14.3	33.4	61.8	.....	.....	.....
			60	0	0	0	0	.03	.17	.96	3.69	12.4	21.3	50.9	.....	.....	.....	.....
32	Cypress Creek near Bunn.....	30	20	0	.07	.14	.60	1.20	2.26	5.00	10.4	19.4	30.5	59.7	96.3	.....	.....	.....
			60	.14	.44	.74	1.97	3.75	5.54	9.11	15.3	28.2	46.5	.....	.....	.....	.....	.....
33	Tar River near Nashville.....	701	20	0	0	0	0	.06	.20	.78	2.90	10.4	19.4	37.3	63.7	.....	.....	.....
			60	0	0	0	.14	.47	1.06	3.24	8.43	17.3	26.8	55.9	93.0	.....	.....	.....
34	Sapony Creek near Nashville.....	64.8	20	.75	1.55	2.45	4.21	6.00	7.80	12.4	19.6	34.3	52.6	89.2	.....	.....	.....	.....
			60	1.52	2.43	3.64	5.99	8.37	10.8	19.0	29.9	.....	.....	.....	.....	.....	.....	.....

Table 11.—Storage required for selected recurrence intervals at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average recurrence interval (years)	Storage required, in acre-feet per square mile, to maintain indicated regulated flow, in cubic feet per second per square mile														
				0.01	0.015	0.02	0.03	0.04	0.05	0.07	0.10	0.15	0.20	0.30	0.40	0.60	0.80	1.20
35	Sandy Creek near Alert.....	53.7	20	0	0	0	0	0.10	0.24	1.02	3.34	11.3	20.2	39.6	69.5	.....	.....	.....
			60	0	0	0	.14	.60	1.20	3.93	9.29	18.3	28.6	60.3	100	.....	.....	.....
36	Swift Creek near Red Oak.....	180	20	0	0	0	0	0	.03	.31	1.67	6.79	15.8	33.6	56.9	.....	.....	.....
			60	0	0	0	.02	.16	.42	1.67	6.07	15.0	24.0	49.8	86.7	.....	.....	.....
37	Fishing Creek near Warrenton....	45	20	0	0	0	0	.12	.25	1.02	3.34	10.9	19.9	38.4	63.0	137	.....	.....
			60	0	0	.03	.17	.66	1.31	3.93	9.29	18.3	28.6	58.6	95.2	.....	.....	.....
38	Shocco Creek near Elberon.....	18	20	0	0	0	0	0	.01	.29	1.50	6.00	14.6	32.6	53.5	120	.....	.....
			60	0	0	0	.01	.15	.36	1.56	5.58	14.6	23.6	45.8	81.6	.....	.....	.....
39	Fishing Creek near Enfield.....	521	20	0	0	0	0	.14	.28	1.31	4.25	12.9	21.8	43.4	78.3	.....	.....	.....
			60	0	0	.04	.18	.75	1.61	4.61	9.97	18.9	30.7	66.2	.....	.....	.....	.....
40	Tar River at Tarboro.....	2,140	20	0	0	0	.04	.18	.37	1.55	4.64	13.4	22.4	43.4	76.3	.....	.....	.....
			60	0	0	.07	.32	.91	1.95	5.16	10.5	19.4	30.9	65.4	.....	.....	.....	.....
41	Town Creek near Pinetops.....	192	20	.42	1.04	1.93	3.72	5.50	7.38	12.2	19.7	38.1	56.4	.....	.....	.....	.....	.....
			60	1.17	2.06	2.95	5.24	7.63	11.3	18.6	29.4	.....	.....	.....	.....	.....	.....	.....
44	Grindle Creek near Pactolus.....	54.7	20	0	.07	.14	.60	1.20	2.15	4.53	9.82	18.8	29.6	65.2	.....	.....	.....	.....
			60	.54	.84	1.14	2.27	3.75	5.54	9.11	14.5	26.2	52.0	.....	.....	.....	.....	.....
45	Herring Run near Washington.....	about 15	20	0	0	0	0	0	.02	2.26	8.89	26.4	.....	.....	.....	.....	.....	.....
			60	0	0	0	0	0	.16	3.21	.....	.....	.....	.....	.....	.....	.....	.....
	NEUSE RIVER BASIN																	
46	Eno River at Hillsboro.....	66.5	20	.02	.09	.16	.31	.91	1.50	3.50	7.92	16.8	27.8	57.0	93.6	.....	.....	.....
			60	.24	.54	.84	1.85	3.04	4.33	8.20	13.6	25.6	42.9	.....	.....	.....	.....	.....
47	Little River near Orange Factory	81.6	20	.17	.47	.77	1.36	2.86	4.65	8.22	12.2	24.2	36.2	72.1	.....	.....	.....	.....
			60	.85	1.54	2.44	4.22	6.00	7.79	12.0	19.1	36.6	54.9	91.5	.....	.....	.....	.....
48	Flat River at Bahama.....	150	20	.08	.33	.63	1.71	3.33	5.12	8.69	14.0	25.8	39.5	76.1	.....	.....	.....	.....
			60	.42	1.04	1.93	3.71	5.50	7.46	12.2	20.3	38.8	.....	.....	.....	.....	.....	.....
49	Dial Creek near Bahama.....	4.71	20	.69	1.29	2.08	3.86	5.66	7.49	11.1	16.5	25.8	38.3	74.9	.....	.....	.....	.....
			60	1.80	2.70	3.60	5.66	8.05	10.5	15.3	22.5	39.4	.....	.....	.....	.....	.....	.....
52	Beaverdam Creek near Creedmoor..	44.1	20	1.22	2.11	3.00	4.79	6.57	8.36	12.0	19.1	32.6	50.9	.....	.....	.....	.....	.....
			60	1.96	3.15	4.34	6.72	9.10	11.5	17.8	28.7	.....	.....	.....	.....	.....	.....	.....

53	New Light Creek near Purnell....	19.3	20	0	0	0	0	0	0	0	.31	3.22	10.9	28.8	57.0	.....	.....	.....
			60	0	0	0	0	0	0	.20	1.55	8.93	17.9	42.9	.....	.....	.....	.....
54	Upper Barton Creek near Bay-leaf	12.2	20	0	0	0	0	0	.14	1.08	4.65	13.6	23.4	51.6	.....	.....	.....	.....
			60	0	0	0	0	.13	.72	3.40	8.75	19.3	35.3	.....	.....	.....	.....	.....
55	Lower Barton Creek near Bay-leaf	13.2	20	0	0	0	0	0	0	0	0	.30	4.65	22.0	47.2	.....	.....	.....
			60	0	0	0	0	0	0	0	0	1.67	9.82	31.6	.....	.....	.....	.....
56	Horse Creek near Wake Forest....	21.0	20	0	0	0	0	0	0	0	0	0	.10	6.97	24.9	86.9	.....	.....
			60	0	0	0	0	0	0	0	0	0	.60	14.5	36.0	.....	.....	.....
58	Peeples Creek near Wake Cross-roads	9.9	20	0	0	0	0	0	0	0	0	.....	1.49	13.1	30.9	99.2	.....	.....
			60	0	0	0	0	0	0	0	0	.....	5.72	22.9	45.4	.....	.....	.....
59	Crabtree Creek near Raleigh.....	97.5	20	0	0	.02	.30	.96	2.33	5.90	11.3	22.9	21.0	.....	.....	.....	.....	.....
			60	0	.02	.12	1.08	2.68	4.47	8.34	16.0	.....	.....	.....	.....	.....	.....	.....
60	Big Branch near Millbrook.....	3.78	20	0	0	0	0	0	0	0	0	.15	3.5	20	44	.....	.....	.....
			60	0	0	0	0	0	0	0	0	.90	8.1	29	66	.....	.....	.....
61	Big Branch near Garner.....	12.1	20	0	0	0	0	0	0	0	.42	3.69	11.7	30.3	61.8	.....	.....	.....
			60	0	0	0	0	0	.07	.42	2.27	9.82	18.8	45.4	.....	.....	.....	.....
62	Poplar Creek near Knightdale....	8.6	20	0	0	0	0	0	0	0	0	0	.44	10.4	29.1	.....	.....	.....
			60	0	0	0	0	0	0	0	0	.28	2.44	17.9	44.3	.....	.....	.....
63	Neuse River near Clayton.....	1,140	20	0	0	0	0	0	0	.26	1.98	9.55	18.5	40.1	71.3	.....	.....	.....
			60	0	0	0	0	.05	.19	1.44	5.95	14.9	25.7	59.6	.....	.....	.....	.....
66	Swift Creek above McCullers[N]....	39.9	20	.18	.48	.84	2.16	3.96	5.76	9.36	15.4	27.8	46.1	.....	.....	.....	.....	.....
			60	.72	1.44	2.34	4.14	5.52	7.92	12.7	22.7	41.0	.....	.....	.....	.....	.....	.....
67	Swift Creek near McCullers[N].....	53.9	20	.09	.16	.30	.90	1.55	2.74	5.90	11.3	20.2	31.5	59.7	96.3	.....	.....	.....
			60	.48	.84	1.43	2.68	4.47	6.25	9.82	15.8	28.7	46.9	.....	.....	.....	.....	.....
68	Middle Creek near Clayton.....	80.7	20	.06	.13	.20	.54	1.13	1.72	3.98	9.22	18.2	27.9	55.0	91.3	.....	.....	.....
			60	.40	.70	1.00	2.19	3.49	5.27	8.85	12.9	24.8	41.2	.....	.....	.....	.....	.....
69	Middle Creek near Smithfield....	124	20	.08	.15	.22	.78	1.37	2.39	5.18	10.6	19.6	30.2	58.6	95.2	.....	.....	.....
			60	.44	.74	1.31	2.50	4.28	6.07	9.64	15.0	26.7	45.1	.....	.....	.....	.....	.....
70	Black Creek near Four Oaks.....	79.0	20	1.65	2.55	3.44	5.23	7.50	9.88	14.7	22.0	37.0	55.3	91.9	.....	.....	.....	.....
			60	2.25	3.44	4.63	7.26	10.9	14.6	21.8	32.9	.....	.....	.....	.....	.....	.....	.....
71	Buck Swamp near Dudley.....	17.0	20	.15	.45	.74	1.43	2.62	3.81	7.15	12.5	21.6	30.6	52.1	84.2	.....	.....	.....
			60	.70	1.33	2.23	4.01	5.80	7.58	11.2	17.9	30.0	42.0	78.0	.....	.....	.....	.....

Table 11.—Storage required for selected recurrence intervals at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average recurrence interval (years)	Storage required, in acre-feet per square mile, to maintain indicated regulated flow, in cubic feet per second per square mile														
				0.01	0.015	0.02	0.03	0.04	0.05	0.07	0.10	0.15	0.20	0.30	0.40	0.60	0.80	1.20
72	Little River near Princeton.....	229	20	0	0	0.03	0.17	0.45	1.04	2.87	7.64	16.6	26.4	55.0	.....	.....	.....	.....
			60	.03	.10	.30	.89	1.95	3.39	6.96	12.3	23.4	39.7	.....	.....	.....	.....	.....
73	Neuse River near Goldsboro.....	2,390	20	0	0	0	0	0	.04	.32	2.24	10.1	19.0	40.0	72.3	.....	.....	.....
			60	0	0	0	0	.11	.37	1.96	6.80	15.7	26.2	60.3	.....	.....	.....	.....
74	Stony Creek at Goldsboro.....	21.6	20	.09	.15	.42	1.02	1.61	2.74	5.18	10.6	19.6	28.6	50.5	87.1	.....	.....	.....
			60	.43	.95	1.54	3.22	5.00	6.79	10.4	16.0	28.1	40.1	75.8	.....	.....	.....	.....
75	Bear Creek near La Grange.....	49.2	20	0	0	0	0	0	0	0	0	.24	4.32	22.6	.....	.....	.....	.....
			60	0	0	0	0	0	0	0	0	1.86	9.56	34.4	.....	.....	.....	.....
76	Falling Creek at Falling Creek..	45.4	20	0	0	0	0	.14	.28	1.37	4.29	12.5	21.5	42.7	73.9	.....	.....	.....
			60	0	0	.....	.....	.78	1.67	4.47	9.82	18.8	30.3	64.8	.....	.....	.....	.....
77	Neuse River at Kinston.....	2,690	20	0	0	0	0	0	0	.10	1.08	6.54	15.5	34.7	62.9	.....	.....	.....
			60	0	0	0	0	0	.07	.63	3.58	12.5	21.4	52.2	.....	.....	.....	.....
78	Deep Run at Deep Run.....	5.89	20	0	0	0	0	0	0	0	.41	3.24	9.90	27.9	51.9	116	.....	.....
			60	0	0	0	0	0	.03	.31	2.40	9.72	18.7	39.6	71.4	.....	.....	.....
79	Moccasin Creek near Zebulon.....	28.2	20	.20	.50	.80	1.79	3.04	4.82	8.40	13.8	24.0	36.0	67.0	104	.....	.....	.....
			60	.....	1.54	2.43	4.22	6.00	7.79	11.7	18.9	35.5	53.8	.....	.....	.....	.....	.....
81	Toisnot Swamp near New Hope.....	30	20	0	0	0	0	0	0	0	.24	2.98	10.8	28.6	58.1	158	.....	.....
			60	0	0	0	0	0	0	0	1.43	8.40	17.4	43.6	.....	.....	.....	.....
82	Toisnot Swamp near Stantons-burg	110	20	.....	.....	.30	.90	1.91	3.10	6.61	12.0	21.6	33.6	65.9	102	.....	.....	.....
			60	.....	.....	.....	.....	.....	6.43	10.0	16.7	32.4	50.5	.....	.....	.....	.....	.....
83	Nahunta Swamp near Shine.....	77.6	20	0	0	0	.08	.22	.72	2.16	6.48	15.5	24.7	52.0	88.6	.....	.....	.....
			60	0	0	.10	.60	1.20	2.40	5.94	11.3	22.1	37.3	.....	.....	.....	.....	.....
84	Nahunta Swamp near Snow Hill....	97.1	20	0	0	0	.09	.23	.78	2.27	6.43	15.4	24.5	49.4	86.0	.....	.....	.....
			60	0	.02	.09	.48	1.31	2.50	6.07	11.5	21.9	36.6	73.2	.....	.....	.....	.....
85	Contentnea Creek at Hookerton...	729	20	0	0	0	0	.14	.37	1.56	5.37	14.4	23.3	48.5	85.1	.....	.....	.....
			60	0	0	.02	.16	.75	1.79	5.03	10.4	20.4	34.3	71.1	.....	.....	.....	.....
86	Little Contentnea Creek near Farmville	93.3	20	.73	1.44	2.34	4.14	5.94	7.74	12.0	19.2	33.7	52.0	.....	.....	.....	.....	.....
			60	1.57	2.47	3.50	5.90	8.30	10.7	17.9	28.9	.....	.....	.....	.....	.....	.....	.....

88	Core Creek near Fort Barnwell...	59.2	20	.04	.11	.36	1.08	2.33	4.11	7.68	13.1	24.7	41.4	.....	.....	.....	.....	.....
			60	.....	.72	1.31	3.04	4.82	6.61	10.8	18.6	37.0	.....	.....	.....	.....	.....	.....
91	Swift Creek near Vanceboro.....	182	20	.35	.65	1.14	2.33	4.10	5.89	9.46	14.9	28.8	47.1	.....	.....	.....	.....	.....
			60	1.14	2.04	2.93	4.71	6.50	8.44	13.2	23.3	.....	.....	.....	.....	.....	.....	.....
93	Trent River near Trenton.....	168	20	0	.05	.12	.62	1.50	2.76	6.33	11.7	22.4	36.2	72.8	.....	.....	.....	.....
			60	.05	.26	.68	1.96	3.74	5.52	9.16	16.3	33.6	51.9	.....	.....	.....	.....	.....
95	Upper Broad Creek near Olympia..	21	20	2.03	3.22	4.41	6.79	9.17	11.6	16.4	27.3	45.8	64.0	.....	.....	.....	.....	.....
			60	3.02	4.83	6.65	10.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	WHITE OAK RIVER BASIN																	
96	White Oak River at Belgrade.....	53.3	20	0	.07	.14	.66	1.31	2.50	5.54	10.9	20.0	30.5	54.9	91.5	.....	.....	.....
			60	.....	.....	.....	2.15	3.93	5.72	9.29	15.5	27.8	46.1	82.7	.....	.....	.....	.....
	NEW RIVER BASIN																	
97	New River near Gum Branch.....	74.5	20	0	0	0	0	.07	.21	1.13	4.07	12.6	21.6	43.6	77.6	.....	.....	.....
			60	0	0	0	.31	.91	1.50	3.75	9.11	18.2	30.0	66.0	.....	.....	.....	.....
98	Southwest Creek near Haw.....	35.2	20	0	.05	.12	.66	1.43	2.68	6.25	11.7	22.3	35.5	72.1	.....	.....	.....	.....
			60	.05	.30	.60	1.97	3.75	5.54	9.11	16.2	32.9	.....	.....	.....	.....	.....	.....
99	Northeast Creek near Kellum.....	28.3	20	0	0	0	0	.12	.25	1.43	5.36	14.3	23.6	50.9	87.8	.....	.....	.....
			60	0	0	0	.36	.96	1.55	4.65	10.0	20.0	35.6	.....	.....	.....	.....	.....
	CAPE FEAR RIVER BASIN																	
100	Haw River at U. S. Highway 220, near Summerfield	20.2	20	0	0	0	0	0	.06	.34	1.79	6.67	14.2	33.8	58.9	.....	.....	.....
			60	0	0	0	.07	.21	.66	2.03	5.72	14.7	25.5	.....	.....	.....	.....	.....
101	Haw River near Benaja.....	168	20	0	0	0	0	0	0	.17	1.00	4.89	12.3	31.7	56.6	.....	.....	.....
			60	0	0	0	0	.10	.24	1.19	3.97	11.9	21.0	48.4	84.7	.....	.....	.....
102	Horsepen Creek at Battle Ground	15.9	20	0	0	0	0	0	0	0	.17	2.88	9.88	32.5	65.3	.....	.....	.....
			60	0	0	0	0	0	0	.10	1.08	7.36	17.7	48.4	.....	.....	.....	.....
104	South Buffalo Creek at Willow Road, at Greensboro	29.6	20	0	0	0	.03	.18	.78	2.98	7.86	19.3	31.6	67.9	.....	.....	.....	.....
			60	0	0	0	.24	1.08	2.33	5.96	13.1	28.7	.....	.....	.....	.....	.....	.....
107	Stony Creek near Burlington.....	44.2	20	1.00	1.90	2.79	4.57	6.94	9.32	14.1	21.4	39.6	57.7	.....	.....	.....	.....	.....
			60	1.83	3.02	4.21	6.96	10.6	14.2	21.5	32.4	.....	.....	.....	.....	.....	.....	.....
108	Buttermilk Creek near Burlington	15	20	.....	2.29	3.18	4.97	6.91	9.29	14.1	21.5	39.6	57.8	.....	.....	.....	.....	.....
			60	.....	3.00	4.19	6.90	10.6	14.2	21.5	32.4	57.7	.....	.....	.....	.....	.....	.....

Table 11.—Storage required for selected recurrence intervals at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average recurrence interval (years)	Storage required, in acre-feet per square mile, to maintain indicated regulated flow, in cubic feet per second per square mile														
				0.01	0.015	0.02	0.03	0.04	0.05	0.07	0.10	0.15	0.20	0.30	0.40	0.60	0.80	1.20
109	Jordan Creek near Union Ridge...	23	20	2.38	3.57	4.76	7.14	9.52	11.9	17.1	27.9	46.1	64.2	101	.....	.....	.....	.....
			60	3.63	5.44	7.26	10.9	14.5	18.1	25.4	.....	.....	.....	.....	.....	.....	.....	.....
110	Haw River at Haw River[N].....	599	20	.....	.....	.....	.....	.....	.....	.50	2.77	10.1	19.1	41.6	76.2	.....	.....	.....
			60	.....	.....	.....	.....	.....	.....	2.38	7.13	16.1	27.8	61.7	.....	.....	.....	.....
111	Little Alamance Creek near Whitsett	38.4	20	0	0	.06	.20	.72	1.31	3.58	8.57	19.4	31.4	66.6	.....	.....	.....	.....
			60	.05	.12	.48	1.31	2.50	4.11	7.68	14.1	29.5	46.8	.....	.....	.....	.....	.....
112	Alamance Creek at Alamance.....	140	20	.09	.16	.30	.90	1.55	2.74	5.18	10.6	21.4	33.4	65.0	.....	.....	.....	.....
			60	.55	.91	1.50	2.86	4.65	6.43	10.5	17.7	31.8	50.1	.....	.....	.....	.....	.....
113	Cane Creek near Carrboro.....	34	20	0	0	.04	.18	.54	1.14	3.00	7.74	16.7	28.6	61.9	.....	.....	.....	.....
			60	.03	.10	.36	.96	2.16	3.42	7.02	12.7	25.6	43.9	.....	.....	.....	.....	.....
115	Haw River near Pittsboro.....	1,310	20	0	0	.03	.17	.57	1.16	3.16	8.32	17.3	26.8	53.5	89.8	.....	.....	.....
			60	0	.07	.16	.75	1.86	3.62	7.19	12.6	23.6	38.8	.....	.....	.....	.....	.....
116	New Hope Creek at U. S. Highway 15, near Durham	36	20	.47	1.06	1.66	3.40	5.18	7.15	12.0	21.1	39.5	.....	.....	.....	.....	.....	.....
			60	1.47	2.36	3.25	5.48	7.86	10.9	18.2	.....	.....	.....	.....	.....	.....	.....	.....
117	Morgan Creek near Chapel Hill[N]..	29.1	20	0	0	0	.10	.24	.84	2.28	6.66	15.7	24.7	48.0	82.7	.....	.....	.....
			60	.....	.....	.....	.....	.....	2.64	7.12	11.5	23.0	36.2	72.8	.....	.....	.....	.....
119	West Fork Deep River near High Point	32.1	20	0	0	0	0	0	0	.11	.95	5.47	13.5	35.1	63.8	.....	.....	.....
			60	0	0	0	0	0	.14	.93	3.75	12.0	23.2	52.4	.....	.....	.....	.....
120	East Fork Deep River near High Point	14.7	20	0	0	0	0	0	0	0	0	.39	3.81	20.6	44.0	.....	.....	.....
			60	0	0	0	0	0	0	0	.07	2.57	9.59	31.8	.....	.....	.....	.....
121	Richland Creek near Archdale....	12.7	20	0	0	0	0	0	0	.05	.84	5.84	14.5	37.9	72.6	.....	.....	.....
			60	0	0	0	0	0	.05	.54	3.34	12.0	23.9	56.7	.....	.....	.....	.....
123	Muddy Creek near Archdale.....	16.2	20	.77	1.47	2.36	4.14	6.00	8.37	13.1	20.3	36.5	59.1	.....	.....	.....	.....	.....
			60	1.55	2.67	3.87	6.24	8.62	12.1	19.3	30.2	.....	.....	.....	.....	.....	.....	.....
124	Polecat Creek near Climax.....	28.4	20	.71	1.30	1.90	3.09	4.82	6.61	10.2	16.9	29.0	41.0	76.9	.....	.....	.....	.....
			60	1.65	2.55	3.74	6.12	8.50	10.9	15.7	25.5	43.6	.....	.....	.....	.....	.....	.....
126	Richland Creek near Asheboro....	34.0	20	.09	.24	.54	1.13	2.15	3.34	6.25	11.7	21.4	33.4	62.2	98.8	.....	.....	.....
			60	.55	1.15	1.74	3.40	5.18	6.97	11.5	18.6	31.8	50.1	.....	.....	.....	.....	.....

127	Brush Creek near Coleridge.....	66.9	20	.31	.86	1.46	3.04	4.82	6.67	11.5	18.6	34.0	52.3	.....	.....	.....	.....	.....
			60	.88	1.77	2.86	5.24	7.62	10.0	17.1	28.0	.....	.....	.....	.....	.....	.....	.....
128	Fork Creek near Coleridge.....	36	20	.04	.12	.42	1.20	2.39	3.75	7.32	12.7	24.5	36.5	72.8	.....	.....	.....	.....
			60	.24	.77	1.36	3.04	4.82	7.15	12.0	19.1	36.6	54.9	.....	.....	.....	.....	.....
129	Bear Creek at Robbins.....	134	20	.09	.20	.50	.91	2.10	3.29	6.10	11.5	21.0	33.0	60.1	96.4	.....	.....	.....
			60	.52	1.12	1.71	3.36	5.14	6.93	11.3	18.5	31.5	50.0	.....	.....	.....	.....	.....
130	Rocky River near Liberty.....	4.7	20	.18	.48	.78	1.55	2.74	3.93	6.61	12.0	22.1	34.1	63.0	.....	.....	.....	.....
			60	.93	1.54	2.43	3.34	5.72	8.10	12.9	20.0	32.6	50.9	.....	.....	.....	.....	.....
131	Tick Creek near Bonlee.....	19	20	1.04	1.93	2.83	5.10	7.48	9.86	14.7	25.5	43.9	.....	.....	.....	.....	.....	.....
			60	1.86	3.05	4.24	7.63	11.3	14.9	22.2	.....	.....	.....	.....	.....	.....	.....	.....
132	Bear Creek near Goldston.....	43	20	1.43	2.33	3.22	5.43	7.81	10.2	17.5	28.4	.....	.....	.....	.....	.....	.....	.....
			60	2.00	3.19	4.40	8.03	11.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
133	Deep River at Moncure.....	1,410	20	.03	.10	.23	.83	1.68	2.87	6.17	11.5	20.8	32.7	64.6	.....	.....	.....	.....
			60	.19	.48	1.05	2.57	4.36	6.14	9.71	16.6	30.8	48.9	.....	.....	.....	.....	.....
134	Neal Creek near Lillington.....	37.6	20	.03	.60	.90	2.03	3.40	5.18	8.75	14.2	25.7	37.7	71.4	108	.....	.....	.....
			60	.....	1.79	2.68	4.47	6.25	8.34	13.1	20.3	37.3	55.6	.....	.....	.....	.....	.....
135	Cape Fear River at Lillington...	3,440	20	0	0	.06	.27	.86	1.70	4.71	10.1	19.0	29.8	62.5	.....	.....	.....	.....
			60	.02	.09	.31	1.11	2.62	4.41	7.96	13.4	26.2	44.3	.....	.....	.....	.....	.....
136	Upper Little River near Lilling-ton	180	20	.10	.30	.60	1.20	1.91	3.10	6.25	11.7	20.7	30.2	54.2	87.8	.....	.....	.....
			60	.53	1.12	1.72	3.40	5.18	6.97	10.6	17.2	29.3	43.2	79.8	.....	.....	.....	.....
137	Crane Creek near Vass.....	32.4	20	1.79	2.68	3.58	5.36	7.15	9.53	14.3	21.5	37.0	55.3	91.9	.....	.....	.....	.....
			60	2.15	3.34	4.53	6.91	10.2	13.8	21.1	32.0	.....	.....	.....	.....	.....	.....	.....
138	Little River at Manchester.....	348	20	0	0	0	0	0	0	0	0	1.23	5.68	23.0	43.9	111	.....	.....
			60	0	0	0	0	0	0	0	.26	4.24	12.6	33.5	63.8	.....	.....	.....
139	Little River at Linden.....	460	20	0	0	0	0	0	0	0	.16	2.20	7.76	25.6	46.6	114	.....	.....
			60	0	0	0	0	0	0	.07	1.03	6.60	15.5	37.2	67.9	.....	.....	.....
140	Cape Fear River at Fayette-ville	4,370	20	0	0	0	0	.03	.16	1.03	3.32	10.9	21.0	46.6	.....	.....	.....	.....
			60	0	0	0	.07	.27	.87	2.61	7.23	17.8	29.7	.....	.....	.....	.....	.....
141	Rockfish Creek at Raeford.....	90.7	20	0	0	0	0	0	0	0	0	0	0	0	0	12.5	48.8	.....
			60	0	0	0	0	0	0	0	0	0	0	0	.56	25.0	72.6	.....
142	Rockfish Creek near Hope Mills..	284	20	0	0	0	0	0	0	0	0	0	0	0	1.38	25.4	64.7	.....
			60	0	0	0	0	0	0	0	0	0	0	.50	7.38	41.1	97.4	.....

Table 11.—Storage required for selected recurrence intervals at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average recurrence interval (years)	Storage required, in acre-feet per square mile, to maintain indicated regulated flow, in cubic feet per second per square mile														
				0.01	0.015	0.02	0.03	0.04	0.05	0.07	0.10	0.15	0.20	0.30	0.40	0.60	0.80	1.20
143	Cape Fear River at Lock 3, near Tarheel	4,810	20	0	0	0	0	0	0	0.10	1.07	6.00	15.0	34.9	66.0	.....	.....	.....
			60	0	0	0	0	0	.06	.71	3.44	12.2	21.4	51.6	.....	.....	.....	.....
145	Turnbull Creek near Elizabethtown	71.6	20	.30	.72	1.32	2.88	4.68	6.48	10.1	16.6	28.6	46.8	.....	.....	.....	.....	.....
			60	.90	1.80	2.70	4.50	6.72	9.12	13.9	24.5	42.8	.....	.....	.....	.....	.....	.....
146	Livingston Creek near Acme.....	90.4	20	1.08	1.98	2.88	4.68	6.72	9.12	13.9	21.1	38.8	57.1	.....	.....	.....	.....	.....
			60	1.92	3.12	4.32	6.72	9.52	13.2	20.5	.....	.....	.....	.....	.....	.....	.....	.....
147	Hood Creek near Leland.....	21.6	20	1.29	2.18	3.08	4.88	7.26	9.64	14.4	21.6	39.2	57.5	.....	.....	.....	.....	.....
			60	1.91	3.10	4.29	7.34	11.0	14.6	21.9	32.8	.....	.....	.....	.....	.....	.....	.....
148	Little Coharie Creek near Roseboro	96.4	20	0	.07	.14	.40	1.00	1.59	3.76	8.04	17.1	26.1	48.4	79.6	.....	.....	.....
			60	.14	.43	.73	1.77	3.06	4.85	8.42	13.8	25.3	37.3	72.5	.....	.....	.....	.....
149	Six Runs Creek near Clinton.....	110	20	1.25	2.15	3.04	4.82	6.61	8.40	12.4	19.6	31.7	46.5	83.1	.....	.....	.....	.....
			60	1.93	3.12	4.31	6.69	9.07	11.5	17.8	28.7	47.2	.....	.....	.....	.....	.....	.....
150	Black River near Tomahawk.....	680	20	0	0	0	0	.08	.22	1.21	4.38	12.9	21.8	45.2	81.2	.....	.....	.....
			60	0	0	0	.10	.55	1.14	3.57	8.93	19.3	32.1	68.4	.....	.....	.....	.....
151	South River near Parkersburg....	382	20	.09	.31	.61	1.51	2.70	4.25	7.82	13.2	23.6	35.6	68.4	.....	.....	.....	.....
			60	.48	1.07	1.84	3.62	5.41	7.20	11.7	18.9	34.8	53.1	.....	.....	.....	.....	.....
152	Colly Creek near Kelly.....	103	20	1.44	2.34	3.24	5.04	7.20	9.60	14.4	21.6	34.4	52.7	89.3	.....	.....	.....	.....
			60	2.16	3.36	4.56	6.96	10.2	13.9	21.3	32.2	.....	.....	.....	.....	.....	.....	.....
154	Northeast Cape Fear River near Chinquapin	600	20	0	.02	.09	.54	1.29	2.48	5.96	11.4	21.8	34.8	71.4	.....	.....	.....	.....
			60	.04	.20	.50	1.65	3.43	5.21	8.78	15.9	32.2	51.0	.....	.....	.....	.....	.....
155	Rockfish Creek near Wallace.....	63.8	20	.32	.81	1.41	3.04	4.82	6.61	10.3	17.4	31.8	50.1	.....	.....	.....	.....	.....
			60	.93	1.83	2.72	4.77	7.15	9.53	15.7	26.5	.....	.....	.....	.....	.....	.....	.....
	LOCKWOODS FOLLY RIVER BASIN																	
157	Pinch Gut Creek near Bolivia....	20.3	20	0	0	.01	.24	.84	1.92	5.22	11.1	26.4	.....	.....	.....	.....	.....	.....
			60	0	.04	.18	1.08	2.52	4.32	7.92	16.1	.....	.....	.....	.....	.....	.....	.....
	WACCAMAW RIVER BASIN																	
158	Waccamaw River at Freeland.....	706	20	.81	1.61	2.51	4.31	6.11	8.06	12.9	20.1	37.3	55.6	.....	.....	.....	.....	.....
			60	1.57	2.62	3.82	6.22	8.62	11.9	19.2	30.2	.....	.....	.....	.....	.....	.....	.....

	YADKIN - PEE DEE RIVER BASIN																	
159	Yadkin River at Patterson.....	29.0	20	0	0	0	0	0	0	0	0	0	0	.47	4.79	32.7	79.7	.....
			60	0	0	0	0	0	0	0	0	0	0	3.39	15.6	56.9	123	.....
160	Yadkin River near Patterson.....	75.4	20	0	0	0	0	0	0	0	0	0	0	.49	4.77	32.5	79.8	.....
			60	0	0	0	0	0	0	0	0	0	0	3.58	15.8	57.2	122	.....
161	Elk Creek at Elkville.....	50.9	20	0	0	0	0	0	0	0	0	0	0	1.91	10.2	42.9	96.2	.....
			60	0	0	0	0	0	0	0	0	0	.70	8.93	25.0	67.9	140	.....
162	Stony Fork near Ferguson.....	35.1	20	0	0	0	0	0	0	0	0	0	0	0	.46	14.6	56.0	.....
			60	0	0	0	0	0	0	0	0	0	0	.07	3.28	32.2	88.9	.....
163	North Prong Lewis Fork Creek at Champion	33.6	20	0	0	0	0	0	0	0	0	0	0	0	.63	18.8	61.9	.....
			60	0	0	0	0	0	0	0	0	0	0	.14	3.87	36.9	98.1	.....
164	South Prong Lewis Fork Creek at Champion	31.2	20	0	0	0	0	0	0	0	0	0	0	0	0	6.55	36.6	157
			60	0	0	0	0	0	0	0	0	0	0	0	.70	19.7	62.4	.....
165	Middle Fork Reddies River near Wilbar	13.9	20	0	0	0	0	0	0	0	0	0	0	0	.14	7.74	30.4	120
			60	0	0	0	0	0	0	0	0	0	0	.10	2.68	25.0	61.9	182
166	Reddies River at North Wilkesboro	93.9	20	0	0	0	0	0	0	0	0	0	0	0	.83	19.7	63.7	.....
			60	0	0	0	0	0	0	0	0	0	0	.37	4.80	38.9	102	.....
167	Yadkin River at Wilkesboro.....	493	20	0	0	0	0	0	0	0	0	0	0	0	.77	18.4	60.1	.....
			60	0	0	0	0	0	0	0	0	0	0	.37	5.11	38.1	93.1	.....
168	Mulberry Creek near North Wilkesboro	43.0	20	0	0	0	0	0	0	0	0	0	0	0	.35	13.1	52.4	.....
			60	0	0	0	0	0	0	0	0	0	0	0	2.68	29.8	83.6	.....
169	Roaring River near Roaring River	122	20	0	0	0	0	0	0	0	0	0	0	.14	3.58	29.5	76.2	.....
			60	0	0	0	0	0	0	0	0	0	0	1.85	11.4	52.4	122	.....
170	Bugaboo Creek at Ronda.....	18	20	0	0	0	0	0	0	0	0	0	0	0	3.28	35.7	101	.....
			60	0	0	0	0	0	0	0	0	0	0	.63	9.82	58.2	.....	.....
171	Mitchell River near Mountain Park	32.8	20	0	0	0	0	0	0	0	0	0	0	0	.18	12.0	50.0	.....
			60	0	0	0	0	0	0	0	0	0	0	0	2.09	27.7	80.0	.....
172	Mitchell River near State Road..	80.4	20	0	0	0	0	0	0	0	0	0	0	0	1.00	20.6	63.1	.....
			60	0	0	0	0	0	0	0	0	0	0	.63	7.74	41.7	98.1	.....
173	Fisher River near Copeland.....	121	20	0	0	0	0	0	0	0	0	0	0	.67	5.37	33.4	78.4	.....
			60	0	0	0	0	0	0	0	0	0	.20	4.73	16.9	60.2	123	.....

690-432 O—63——12

Table 11.—Storage required for selected recurrence intervals at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average recurrence interval (years)	Storage required, in acre-feet per square mile, to maintain indicated regulated flow, in cubic feet per second per square mile														
				0.01	0.015	0.02	0.03	0.04	0.05	0.07	0.10	0.15	0.20	0.30	0.40	0.60	0.80	1.20
174	Ararat River at Mount Airy.....	66.6	20	0	0	0	0	0	0	0	0	0	0.17	3.87	15.5	54.8	118	.....
			60	0	0	0	0	0	0	0	0	.20	1.91	12.5	32.2	86.4	166	.....
175	Stewarts Creek near Mount Airy..	89.2	20	0	0	0	0	0	0	0	0	0	0	.70	7.15	38.1	94.4	.....
			60	0	0	0	0	0	0	0	0	0	.13	5.12	17.9	63.1	134	.....
176	Toms Creek at Pilot Mountain....	29.9	20	0	0	0	0	0	0	0	0	.03	1.02	10.3	31.0	93.7	.....	.....
			60	0	0	0	0	0	0	0	0	1.02	5.24	21.7	50.9	.....	.....	.....
177	Little Yadkin River near Donnaha	59.7	20	0	0	0	0	0	0	0	.07	1.67	5.96	23.4	50.1	.....	.....	.....
			60	0	0	0	0	0	0	.12	1.08	5.84	14.5	38.9	75.2	.....	.....	.....
178	Forbush Creek near Yadkinville..	21.7	20	0	0	0	0	0	0	0	.24	1.80	5.16	19.1	37.2	97.4	.....	.....
			60	0	0	0	0	0	.06	.34	1.98	6.89	14.4	35.3	59.1	.....	.....	.....
179	South Deep Creek at Shacktown...	65.9	20	0	0	0	0	0	0	0	0	.12	1.49	11.4	29.8	90.8	.....	.....
			60	0	0	0	0	0	0	0	0	1.20	6.07	23.9	47.7	.....	.....	.....
180	North Deep Creek near Yadkinville	35	20	0	0	0	0	0	0	0	.30	2.39	7.15	22.9	42.9	106	.....	.....
			60	0	0	0	0	0	.03	.31	2.09	7.15	16.1	38.6	65.4	.....	.....	.....
181	Muddy Creek near Clemmons.....	105	20	0	0	0	0	0	0	0	.26	2.15	7.0	23.4	46.2	.....	.....	.....
			60	0	0	0	0	0	.01	.29	1.78	7.18	16.1	38.6	68.6	.....	.....	.....
182	South Fork Muddy Creek near Winston-Salem	38.5	20	0	0	0	0	0	0	0	0	0	.14	8.04	28.6	.....	.....	.....
			60	0	0	0	0	0	0	0	0	0	1.20	16.2	43.6	.....	.....	.....
183	Reedy Creek near Yadkin College	13.3	20	0	0	0	0	.12	.25	1.43	4.65	12.4	22.4	46.6	80.5	.....	.....	.....
			60	0	0	.....	.18	.78	1.67	4.29	9.64	21.2	33.5	70.3	.....	.....	.....	.....
184	Yadkin River at Yadkin College..	2,280	20	0	0	0	0	0	0	0	0	0	0	.39	4.80	36.4	83.9	.....
			60	0	0	0	0	0	0	0	0	0	0	2.45	13.5	58.3	.....	.....
185	Dutchmans Creek near Cornatzer..	83.6	20	0	0	0	.09	.23	.42	1.61	4.53	10.9	20.0	42.7	73.2	.....	.....	.....
			60	0	.06	.13	.54	1.20	2.39	4.82	10.2	21.2	33.4	65.5	102	.....	.....	.....
186	South Yadkin River near Statesville	77.0	20	0	0	0	0	0	0	0	0	0	.17	4.23	16.5	59.6	132	.....
			60	0	0	0	0	0	0	0	0	.23	2.09	13.4	33.4	90.8	.....	.....
187	Rocky Creek at Turnersburg.....	102	20	0	0	0	0	0	0	0	0	0	.10	4.21	17.2	61.3	.....	.....
			60	0	0	0	0	0	0	0	0	.10	1.41	12.1	32.5	95.1	.....	.....

188	Fifth Creek near Statesville....	27.0	20	0	0	0	0	0	0	0	0	0	.53	8.34	24.0	78.1	.....	.....
			60	0	0	0	0	0	0	0	0	.46	3.22	18.1	40.8	.....	.....	.....
189	South Yadkin River near Mocksville	313	20	0	0	0	0	0	0	0	0	0	.30	6.43	21.8	75.8	.....	.....
			60	0	0	0	0	0	0	0	0	.14	1.83	14.8	37.4	106	.....	.....
190	Hunting Creek near Harmony.....	153	20	0	0	0	0	0	0	0	0	0	0	.63	7.50	44.1	106	.....
			60	0	0	0	0	0	0	0	0	0	0	4.17	19.0	67.2	.....	.....
191	Bear Creek at Mocksville.....	23.3	20	0	0	0	.14	.28	.54	1.73	4.77	10.8	19.6	40.8	64.8	134	.....	.....
			60	.06	.13	.20	.96	1.91	3.10	5.54	10.9	21.8	33.8	64.4	101	.....	.....	.....
192	South Yadkin River at Cooleemee	569	20	0	0	0	0	0	0	0	0	0	.34	6.42	22.8	74.3	.....	.....
			60	0	0	0	0	0	0	0	0	.23	2.28	15.9	37.1	107	.....	.....
193	Third Creek Subwatershed No. 7A near Stony Point	4.84	20	0	0	0	0	0	0	0	0	0	0	0	1.79	36.9	.....	.....
			60	0	0	0	0	0	0	0	0	0	0	0	5.96	56.3	.....	.....
194	Third Creek Subwatershed No. 21 (IL Creek) at Troutman	1.62	20	0	0	0	0	0	0	0	0	0	.70	8.64	24.8	76.1	.....	.....
			60	0	0	0	0	0	0	0	0	1.14	4.80	20.6	44.6	.....	.....	.....
195	Third Creek at Cleveland.....	87.4	20	0	0	0	0	0	0	0	0	0	.32	7.11	23.9	80.8	.....	.....
			60	0	0	0	0	0	0	0	0	.18	2.31	16.8	40.5	.....	.....	.....
196	Fourth Creek at Statesville.....	15.8	20	0	0	0	0	0	0	0	0	0	0	2.70	14.2	61.8	.....	.....
			60	0	0	0	0	0	0	0	0	0	.45	8.93	28.6	90.8	.....	.....
197	North Second Creek near Barber..	120	20	0	0	0	0	0	0	0	0	.41	4.17	19.6	42.8	.....	.....	.....
			60	0	0	0	0	0	0	0	.05	2.38	9.82	32.1	64.6	.....	.....	.....
198	Grants Creek at Salisbury.....	39	20	0	0	0	0	0	0	0	.05	1.61	6.31	24.1	48.0	.....	.....	.....
			60	0	0	0	0	0	0	.03	.78	5.60	14.3	38.1	73.0	.....	.....	.....
199	Yadkin River near Salisbury[N]....	3,470	20	0	0	0	0	0	0	0	0	0	0	2.85	14.9	58.8	.....	.....
			60	0	0	0	0	0	0	0	0	0	.48	9.83	28.1	89.2	.....	.....
200	Swearing Creek at Linwood.....	35.3	20	0	0	0	0	0	0	0	.42	4.77	12.0	32.7	58.1	.....	.....	.....
			60	0	0	0	0	0	0	.30	2.62	10.4	21.5	49.0	86.6	.....	.....	.....
201	South Second Creek near Liberty	33	20	0	0	0	0	0	0	.24	2.86	11.4	23.3	56.2	.....	.....	.....	.....
			60	0	0	0	0	0	.....	1.43	6.25	18.1	35.6	.....	.....	.....	.....	.....
202	Abbotts Creek near Wallburg.....	33.3	20	0	0	0	0	0	0	.16	1.08	5.60	13.4	35.0	63.9	.....	.....	.....
			60	0	0	0	0	.06	.20	1.14	4.17	12.4	23.9	52.3	.....	.....	.....	.....
203	Abbotts Creek near Thomasville..	65.9	20	0	0	0	0	0	0	.11	.95	5.48	13.4	35.0	63.9	.....	.....	.....
			60	0	0	0	0	0	.14	.93	3.75	12.0	23.1	52.3	.....	.....	.....	.....

Table 11.—Storage required for selected recurrence intervals at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average recurrence interval (years)	Storage required, in acre-feet per square mile, to maintain indicated regulated flow, in cubic feet per second per square mile															
				0.01	0.015	0.02	0.03	0.04	0.05	0.07	0.10	0.15	0.20	0.30	0.40	0.60	0.80	1.20
204	Rich Fork near Holly Grove.....	48.2	20	0	0	0.03	0.17	0.72	1.43	3.81	8.40	17.9	26.0	58.6	.....	.....	.....	.....
			60	0	.07	.30	1.08	2.27	3.93	7.62	14.8	26.9	45.4	.....	.....	.....	.....	.....
205	Abbotts Creek at Lexington.....	174	20	0	0	.04	.17	.74	1.44	3.82	8.42	11.9	29.8	58.4	95.5	.....	.....	.....
			60	0	.08	.31	1.11	2.30	4.01	7.64	14.8	26.7	44.8	.....	.....	.....	.....	.....
206	Fourmile Branch near Southmont..	14.3	20	2.40	4.21	6.04	9.70	13.4	17.0	.....	.....	.....	.....	.....	.....	.....	.....	.....
			60	3.66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
208	Uwharrie River near Trinity.....	11.3	20	.18	.48	.78	1.80	3.00	4.50	8.10	13.5	25.4	37.7	74.3	.....	.....	.....	.....
			60	.96	1.62	2.52	4.32	6.12	8.40	13.2	20.4	38.1	57.0	.....	.....	.....	.....	.....
209	Uwharrie River near Asheboro....	37	20	.06	.36	.66	1.55	2.74	3.93	7.32	12.9	24.8	36.7	71.9	.....	.....	.....	.....
			60	.30	.83	1.61	3.39	5.24	7.62	12.4	19.5	37.4	.....	.....	.....	.....	.....	.....
210	Uwharrie River near Eldorado....	347	20	.13	.43	.72	1.86	3.05	4.24	7.56	13.0	24.4	36.3	69.2	.....	.....	.....	.....
			60	.66	1.26	2.11	3.89	6.03	8.41	13.2	20.4	36.7	54.9	.....	.....	.....	.....	.....
211	Clarke Creek near Harrisburg....	21.8	20	0	0	0	0	0	.05	.48	2.74	10.2	21.2	50.9	.....	.....	.....	.....
			60	0	0	0	0	.13	.54	2.39	7.15	18.6	32.4	.....	.....	.....	.....	.....
212	Rocky River near Roberts Mill...	87.9	20	0	0	0	0	0	0	.14	1.43	6.67	14.9	36.9	.....	.....	.....	.....
			60	0	0	0	0	0	.14	1.14	4.65	13.4	25.3	58.5	.....	.....	.....	.....
213	Mallard Creek at Harrisburg.....	41.2	20	0	0	.07	.24	.84	1.43	3.69	7.26	16.2	27.1	51.2	87.8	.....	.....	.....
			60	.08	.32	.62	1.67	2.86	4.29	7.86	14.6	26.6	43.2	79.8	.....	.....	.....	.....
214	Coddle Creek near Concord.....	57	20	0	0	0	0	0	0	0	.13	2.21	7.74	26.0	50.9	.....	.....	.....
			60	0	0	0	0	0	0	.12	1.25	6.67	15.6	40.7	77.0	.....	.....	.....
215	Reedy Creek at Rocky River.....	30.8	20	0	0	0	0	.14	.29	1.31	3.58	9.53	17.8	37.4	61.4	135	.....	.....
			60	0	.03	.10	.48	1.08	2.15	4.53	9.29	19.1	31.2	59.3	95.9	.....	.....	.....
216	Rocky River near Concord.....	402	20	0	0	0	0	0	0	.02	.96	5.96	14.3	38.2	74.5	.....	.....	.....
			60	0	0	0	0	0	0	.54	3.46	12.0	23.9	58.5	.....	.....	.....	.....
217	Dutch Buffalo Creek at Mount Pleasant	64.1	20	0	.02	.09	.42	1.02	2.03	4.47	9.82	21.7	36.3	73.2	.....	.....	.....	.....
			60	.06	.30	.60	1.67	3.22	5.00	9.53	16.7	33.1	54.8	.....	.....	.....	.....	.....
218	Big Bear Creek near Richfield...	55.7	20	.18	.48	.96	2.15	3.58	5.36	9.05	16.2	28.4	46.5	83.4	.....	.....	.....	.....
			60	.72	1.43	2.33	4.53	6.91	9.29	14.2	25.1	43.2	.....	.....	.....	.....	.....	.....

220	Richardson Creek near Wingate...	98.2	20	.17	.60	1.20	2.86	4.77	7.15	12.0	22.9	41.6	.....	.....	.....	.....	.....	.....
			60	.58	1.40	2.39	4.77	7.63	11.3	.....	.....	.....	.....	.....	.....	.....	.....	.....
222	Rocky River near Norwood.....	1,370	20	0	0	0	.08	.34	.94	2.60	6.39	15.4	25.2	49.1	85.4	.....	.....	.....
			60	0	0	.03	.31	.91	1.87	4.68	10.1	21.2	33.1	67.9	.....	.....	.....	.....
223	Little Brown Creek near Polkton	13.5	20	2.72	4.54	6.35	9.98	13.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
			60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
224	Brown Creek near Polkton.....	110	20	1.99	3.19	4.38	7.86	11.5	15.2	22.4	.....	.....	.....	.....	.....	.....	.....	.....
			60	3.11	4.92	6.74	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
226	Little River near Star.....	105	20	.06	.13	.20	.80	1.40	1.94	4.29	7.89	16.2	25.2	48.7	75.3	.....	.....	.....
			60	.38	.85	1.45	2.65	4.11	5.74	9.52	15.5	27.5	39.5	73.2	.....	.....	.....	.....
227	Big Mountain Creek near Ellerbe	33.4	20	0	0	0	0	0	0	.10	1.00	5.39	13.2	31.2	56.7	.....	.....	.....
			60	0	0	0	0	0	.10	.87	3.78	12.4	21.3	46.5	84.0	.....	.....	.....
228	Cartledge Creek near Rockingham	31.4	20	.98	1.58	2.17	3.90	5.68	7.47	11.1	16.5	28.6	40.6	64.6	98.8	172	.....	.....
				1.77	2.86	4.05	6.43	8.81	11.2	16.0	23.3	41.4	59.6	96.6	.....	.....	.....	.....
230	Falling Creek near Rockingham...	6.50	20	0	0	0	0	0	0	0	0	0	0	1.61	8.34	41.1	83.4	.....
			60	0	0	0	0	0	0	0	0	0	0	5.36	20.6	61.9	124	.....
231	South Fork Jones Creek at U. S. Highway 52 near Morven	35	20	1.20	1.79	2.65	4.43	6.22	8.00	12.4	19.6	31.7	43.7	79.8	116	.....	.....	.....
			60	2.39	3.58	4.77	7.15	9.53	12.4	19.7	30.5	48.7	66.8	.....	.....	.....	.....	.....
232	North Fork Jones Creek near Wadesboro[N]	10.0	20	.....	.....	.....	.....	.....	1.80	4.20	8.64	17.6	29.5	56.4	93.0	.....	.....	.....
			60	.....	.....	.....	.....	.....	.....	.....	15.6	28.2	46.5	.....	.....	.....	.....	.....
233	Marks Creek near Osborne.....	29.2	20	0	0	0	0	0	0	0	.32	2.50	7.03	22.5	40.4	85.0	155	.....
			60	0	0	0	0	0	0	.27	1.91	7.50	16.5	35.8	59.6	128	.....	.....
234	Gum Swamp Creek near Laurinburg	41.1	20	0	0	0	0	0	0	0	0	0	0	0	0	2.40	29.9	.....
			60	0	0	0	0	0	0	0	0	0	0	0	0	9.24	46.1	.....
235	Big Shoe Heel Creek near Laurinburg	81.6	20	0	0	0	0	0	0	0	0	0	.11	4.32	18.9	59.5	.....	.....
			60	0	0	0	0	0	0	0	0	0	1.32	13.0	31.0	88.9	.....	.....
236	Drowning Creek at Jackson Springs	32.1	20	0	0	0	0	0	0	0	0	0	.55	4.86	13.8	45.6	81.6	.....
			60	0	0	0	0	0	0	0	0	.61	3.48	14.8	32.8	72.2	121	.....
237	Deep Creek near Roseland.....	18.9	20	0	0	0	0	0	0	0	0	0	0	0	.42	13.5	47.5	157
			60	0	0	0	0	0	0	0	0	0	0	0	3.03	31.6	68.3	.....

Table 11.—Storage required for selected recurrence intervals at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average recurrence interval (years)	Storage required, in acre-feet per square mile, to maintain indicated regulated flow, in cubic feet per second per square mile														
				0.01	0.015	0.02	0.03	0.04	0.05	0.07	0.10	0.15	0.20	0.30	0.40	0.60	0.80	1.20
238	Drowning Creek near Hoffman.....	178	20	0	0	0	0	0	0	0	0	0	0	2.14	10.2	43.0	84.8	.....
			60	0	0	0	0	0	0	0	0	0	.52	8.30	24.3	65.3	128	.....
240	Lumber River near Pembroke.....	421	20	0	0	0	0	0	0	0	0	0	0	.28	4.17	31.3	69.1	.....
			60	0	0	0	0	0	0	0	0	0	0	2.68	13.1	48.8	.....	.....
241	Little Raft Swamp at Red Springs	23.1	20	0	0	0	0	0	.01	.29	2.04	9.00	18.0	39.3	72.3	.....	.....	.....
			60	0	0	0	0	.09	.38	1.74	6.34	15.3	26.6	57.9	.....	.....	.....	.....
242	Raft Swamp near Lumberton.....	107	20	0	0	0	.09	.23	.60	2.03	5.60	15.2	26.2	.....	.....	.....	.....	.....
			60	.14	.21	.28	.84	1.43	2.62	5.72	11.1	22.2	39.6	.....	.....	.....	.....	.....
243	Big Swamp near Tarheel.....	225	20	0	.05	.12	.25	.84	1.43	3.58	8.40	17.5	31.1	.....	.....	.....	.....	.....
			60	.15	.45	.74	1.55	2.74	4.29	7.86	13.6	26.0	.....	.....	.....	.....	.....	.....
244	Lumber River at Boardman.....	1,220	20	0	0	0	0	0	0	0	0	1.13	5.47	22.4	43.0	.....	.....	.....
			60	0	0	0	0	0	0	0	.30	4.39	12.8	33.4	64.9	.....	.....	.....
	CATAWBA - SANTEE RIVER BASIN																	
245	Catawba River at Old Fort.....	14	20	0	0	0	0	0	0	0	0	0	.63	5.96	17.9	56.0	104	252
			60	0	0	0	0	0	0	0	.03	1.37	4.88	18.8	36.6	85.3	158	.....
246	Mill Creek at Old Fort.....	20.7	20	0	0	0	0	0	0	0	0	0	.50	6.54	20.0	63.1	127	.....
			60	0	0	0	0	0	0	0	0	.60	4.17	18.6	36.9	96.2	.....	.....
247	Curtis Creek near Old Fort.....	17.3	20	0	0	0	0	0	0	0	0	0	.30	4.53	14.3	52.9	104	.....
			60	0	0	0	0	0	0	0	0	.42	2.92	14.9	32.7	79.4	154	.....
248	Catawba River near Old Fort.....	57.1	20	0	0	0	0	0	0	0	0	0	0	2.88	12.2	50.4	108	.....
			60	0	0	0	0	0	0	0	0	0	1.02	10.7	27.9	76.9	.....	.....
249	Catawba River near Marion.....	171	20	0	0	0	0	0	0	0	0	0	0	.01	6.76	31.0	69.4	198
			60	0	0	0	0	0	0	0	0	.....	1.47	9.26	23.4	59.1	108	.....
250	North Fork Catawba River at Pitts	33.0	20	0	0	0	0	0	0	0	.16	1.97	6.31	21.5	43.4	103	175	.....
			60	0	0	0	0	0	0	.21	1.67	7.03	15.8	36.2	66.1	.....	.....	.....
251	North Muddy Creek near Nebo.....	43	20	0	0	0	0	0	0	0	0	0	0	3.58	17.9	61.8	.....	.....
			60	0	0	0	0	0	0	0	0	0	.96	12.2	30.3	93.5	.....	.....
252	Muddy Creek at Bridgewater.....	99.1	20	0	0	0	0	0	0	0	0	0	0	.56	5.60	35.8	87.1	.....
			60	0	0	0	0	0	0	0	0	0	0	3.75	17.0	59.6	128	.....

253	Mill Timber Creek at Crossnore..	4.01	20	0	0	0	0	0	0	0	0	0	0	0	.50	12.8	44.1	152
			60	0	0	0	0	0	0	0	0	0	0	.....	.....	32.2	73.7	.....
254	Linville River at Branch.....	67.2	20	0	0	0	0	0	0	0	0	0	.13	3.72	13.2	47.6	95.6	238
			60	0	0	0	0	0	0	0	0	.31	2.36	12.8	30.5	74.4	146	.....
255	Silver Creek near Glen Alpine...	25.9	20	0	0	0	0	0	0	0	0	0	0	0	3.10	31.5	85.3	.....
			60	0	0	0	0	0	0	0	0	0	0	1.49	11.4	50.5	.....	.....
256	Warrior Fork near Morganton.....	81.9	20	0	0	0	0	0	0	0	0	0	.52	7.62	22.7	67.7	138	.....
			60	0	0	0	0	0	0	0	0	.54	4.17	18.8	39.3	104	.....	.....
258	Johns River at Collettsville....	69.0	20	0	0	0	0	0	0	0	0	.17	1.02	8.34	20.3	60.7	115	.....
			60	0	0	0	0	0	0	0	.20	1.97	6.55	21.8	41.7	94.4	167	.....
259	Wilson Creek at Adako.....	68.1	20	0	0	0	0	0	0	0	0	0	0	.45	4.47	29.5	71.5	215
			60	0	0	0	0	0	0	0	0	0	0	3.58	15.2	52.4	113	.....
260	Lower Creek at Lenoir.....	13.8	20	0	0	0	0	0	0	0	0	.14	.84	7.74	20.6	63.1	131	.....
			60	0	0	0	0	0	0	0	.24	1.91	5.96	21.1	39.3	98.1	.....	.....
261	Lower Little River near All Healing Springs	31.2	20	0	0	0	0	0	0	0	0	0	.25	5.19	18.8	64.3	.....	.....
			60	0	0	0	0	0	0	0	0	.26	2.27	14.6	35.8	96.9	.....	.....
262	Lyle Creek at Catawba.....	70.7	20	0	0	0	0	0	0	0	0	0	0	2.09	11.8	53.6	118	.....
			60	0	0	0	0	0	0	0	0	0	.35	7.74	26.2	81.7	.....	.....
264	Mountain Creek near Terrell.....	42.4	20	0	0	0	0	0	0	0	0	.35	2.39	13.3	33.4	90.8	.....	.....
			60	0	0	0	0	0	0	0	.21	2.33	8.04	28.4	52.2	.....	.....	.....
265	Davidson Creek near Cornelius...	38	20	0	0	0	0	0	0	.12	1.25	6.43	14.9	38.1	73.7	.....	.....	.....
			60	0	0	0	0	0	.13	1.02	4.29	13.9	25.8	58.9	.....	.....	.....	.....
266	Dutchmans Creek near Stanley....	112	20	0	0	0	0	0	0	0	.34	3.34	9.29	28.8	54.5	.....	.....	.....
			60	0	0	0	0	0	.07	.42	2.50	9.47	19.8	44.7	83.0	.....	.....	.....
267	Long Creek near Thrift.....	22.0	20	0	0	0	.05	.19	.66	2.27	5.84	15.0	26.9	58.1	94.4	.....	.....	.....
			60	0	0	.07	.48	1.31	2.50	5.54	11.7	24.0	42.2	.....	.....	.....	.....	.....
269	Jacob Fork near Startown.....	100	20	0	0	0	0	0	0	0	0	0	0	.49	5.36	35.8	83.6	.....
			60	0	0	0	0	0	0	0	0	0	0	3.87	17.5	57.6	128	.....
270	Maiden Creek at Maiden.....	14.3	20	0	0	0	0	0	0	0	0	0	0	.67	7.74	46.0	109	.....
			60	0	0	0	0	0	0	0	0	0	.03	4.77	19.7	70.8	.....	.....

Table 11.—Storage required for selected recurrence intervals at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average recurrence interval (years)	Storage required, in acre-feet per square mile, to maintain indicated regulated flow, in cubic feet per second per square mile														
				0.01	0.015	0.02	0.03	0.04	0.05	0.07	0.10	0.15	0.20	0.30	0.40	0.60	0.80	1.20
271	Clark Creek at Lincolnton.....	92.2	20	0	0	0	0	0	0	0	0	0	0.72	9.53	27.8	85.3	.....	.....
			60	0	0	0	0	0	0	0	0	.60	4.53	21.5	45.3	.....	.....	.....
273	Indian Creek near Laboratory....	68.4	20	0	0	0	0	0	0	0	0	.06	1.12	9.95	26.0	74.5	147	.....
			60	0	0	0	0	0	0	0	0	1.36	5.89	22.0	45.8	112	.....	.....
276	Crowders Creek near Gastonia....	70.6	20	0	0	0	0	0	0	0	.06	1.55	5.96	21.5	43.4	108	.....	.....
			60	0	0	0	0	0	0	.12	1.14	5.96	14.3	37.4	67.6	.....	.....	.....
278	McAlpine Creek near Pineville...	91.7	20	.12	.42	.72	1.79	2.98	4.47	8.04	14.6	26.6	42.9	.....	.....	.....	.....	.....
			60	.80	1.40	2.15	3.93	5.96	8.34	13.1	23.3	41.7	.....	.....	.....	.....	.....	.....
279	Twelve Mile Creek near Waxhaw...	72.4	20	.77	1.36	2.25	4.04	5.96	8.34	13.1	22.6	41.0	.....	.....	.....	.....	.....	.....
			60	1.79	2.74	3.93	6.31	9.44	13.1	20.4	.....	.....	.....	.....	.....	.....	.....	.....
281	Cove Creek near Lake Lure.....	77.0	20	0	0	0	0	0	0	0	0	0	0	0	2.01	27.2	69.9	.....
			60	0	0	0	0	0	0	0	0	0	0	.64	8.97	4.55	107	.....
282	Mountain Creek near Rutherfordton	40.6	20	0	0	0	0	0	0	0	0	0	0	0	.45	18.8	59.6	.....
			60	0	0	0	0	0	0	0	0	0	0	.06	3.87	35.8	88.9	.....
284	White Oak Creek near Collinsville	37.1	20	0	0	0	0	0	0	0	0	0	0	0	.28	14.3	52.4	182
			60	0	0	0	0	0	0	0	0	0	0	0	3.10	32.2	80.0	.....
285	Second Broad River near Logan...	35.7	20	0	0	0	0	0	0	0	0	0	.....	1.20	9.53	47.7	109	.....
			60	0	0	0	0	0	0	0	0	.....	.....	.....	23.3	73.4	.....	.....
286	Second Broad River near Bostic..	170	20	0	0	0	0	0	0	0	0	0	0	2.38	15.2	63.5	.....	.....
			60	0	0	0	0	0	0	0	0	0	.27	8.57	26.7	.....	.....	.....
287	Second Broad River at Cliffside[N]	211	20	0	0	0	0	0	0	0	0	0	0	2.06	11.0	47.0	105	.....
			60	0	0	0	0	0	0	0	0	0	.63	9.76	25.8	71.6	.....	.....
288	Broad River near Boiling Springs	864	20	0	0	0	0	0	0	0	0	0	0	0	1.77	23.5	63.7	.....
			60	0	0	0	0	0	0	0	0	0	0	1.40	10.5	43.7	102	.....
289	Sandy Run Creek near Boiling Springs	67	20	0	0	0	0	0	0	0	0	0	0	.34	7.64	46.2	.....	.....
			60	0	0	0	0	0	0	0	0	0	0	2.85	16.8	70.5	.....	.....

290	First Broad River near Casar....	59.5	20	0	0	0	0	0	0	0	0	0	0	.64	7.56	42.0	100	.....
			60	0	0	0	0	0	0	0	0	0	0	4.80	20.0	66.2	.....	.....
291	First Broad River near Lawn-dale	198	20	0	0	0	0	0	0	0	0	0	0	2.23	11.6	51.5	117	.....
			60	0	0	0	0	0	0	0	0	0	.33	8.06	24.6	80.3	.....	.....
292	Buffalo Creek near Waco.....	43.5	20	0	0	0	0	0	0	0	0	.46	2.98	13.7	31.3	78.6	153	.....
			60	0	0	0	0	0	0	0	.37	3.58	9.53	30.0	53.8	102	.....	.....
293	North Pacolet River near Tryon..	43.6	20	0	0	0	0	0	0	0	0	0	0	0	0	7.15	31.6	127
			60	0	0	0	0	0	0	0	0	0	0	0	2.98	25.0	60.7	.....
	NEW - KANAWHA RIVER BASIN																	
294	Middle Fork South Fork New River near Blowing Rock	8.93	20	0	0	0	0	0	0	0	0	0	0	0	1.05	17.7	50.6	154
			60	0	0	0	0	0	0	0	0	0	0	.72	8.32	39.4	83.2	.....
295	Howard Creek at Sands.....	10	20	0	0	0	0	0	0	0	0	0	0	0	0	7.15	39.3	157
			60	0	0	0	0	0	0	0	0	0	0	0	.91	23.3	66.7	.....
296	South Fork New River near Jefferson	207	20	0	0	0	0	0	0	0	0	0	0	0	0	5.81	35.8	155
			60	0	0	0	0	0	0	0	0	0	0	0	.39	19.2	61.6	204
297	South Fork New River near Crumpler	325	20	0	0	0	0	0	0	0	0	0	0	0	0	4.17	26.8	123
			60	0	0	0	0	0	0	0	0	0	0	0	.28	14.3	52.4	185
298	North Fork New River at Creston	63.1	20	0	0	0	0	0	0	0	0	0	0	0	0	11.4	45.3	175
			60	0	0	0	0	0	0	0	0	0	0	0	1.79	27.7	76.2	.....
299	North Fork New River near Warrensville	113	20	0	0	0	0	0	0	0	0	0	0	0	.48	10.2	40.2	149
			60	0	0	0	0	0	0	0	0	0	0	.28	4.17	30.4	73.8	207
300	North Fork New River at Crumpler	277	20	0	0	0	0	0	0	0	0	0	0	.66	6.79	39.7	96.4	.....
			60	0	0	0	0	0	0	0	0	0	.07	4.34	19.2	67.1	.....	.....
301	Little River near Sparta.....	19.3	20	0	0	0	0	0	0	0	0	0	0	0	0	2.98	23.3	124
			60	0	0	0	0	0	0	0	0	0	0	0	.14	12.0	50.0	178
	TENNESSEE RIVER BASIN																	
302	French Broad River at Rosman....	67.9	20	0	0	0	0	0	0	0	0	0	0	0	0	0	2.92	48.6
			60	0	0	0	0	0	0	0	0	0	0	0	0	1.39	16.4	85.8
303	French Broad River at Calvert...	103	20	0	0	0	0	0	0	0	0	0	0	0	0	0	1.68	40.9
			60	0	0	0	0	0	0	0	0	0	0	0	0	.79	13.2	80.0
304	Catheys Creek near Brevard.....	11.7	20	0	0	0	0	0	0	0	0	0	0	0	0	0	2.85	46.5
			60	0	0	0	0	0	0	0	0	0	0	0	0	1.10	14.9	83.1

Table 11.—Storage required for selected recurrence intervals at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average recurrence interval (years)	Storage required, in acre-feet per square mile, to maintain indicated regulated flow, in cubic feet per second per square mile														
				0.01	0.015	0.02	0.03	0.04	0.05	0.07	0.10	0.15	0.20	0.30	0.40	0.60	0.80	1.20
306	Davidson River near Brevard.....	40.4	20	0	0	0	0	0	0	0	0	0	0	0	0	2.72	17.2	82.6
			60	0	0	0	0	0	0	0	0	0	0	0	.92	15.5	46.5	135
308	Crab Creek near Penrose.....	10.9	20	0	0	0	0	0	0	0	0	0	0	0	0	.18	7.76	67.4
			60	0	0	0	0	0	0	0	0	0	0	0	0	4.04	26.6	113
309	French Broad River at Blantyre..	296	20	0	0	0	0	0	0	0	0	0	0	0	0	.59	9.01	66.5
			60	0	0	0	0	0	0	0	0	0	0	0	0	6.35	64.7	136
310	Boylston Creek near Horseshoe...	14.8	20	0	0	0	0	0	0	0	0	0	0	0	0	1.93	18.9	97.5
			60	0	0	0	0	0	0	0	0	0	0	0	.31	12.0	44.0	156
311	South Fork Mills River at The Pink Beds	9.99	20	0	0	0	0	0	0	0	0	0	0	2.97	9.49	42.8	71.4	178
			60	0	0	0	0	0	0	0	0	0	0	.....	.....	64.2	112	254
312	Mills River near Mills River[N]...	66.7	20	0	0	0	0	0	0	0	0	0	0	.....	.....	10.8	41.1	126
			60	0	0	0	0	0	0	0	0	0	.....	.....	.....	32.2	69.1	191
313	Clear Creek near Hendersonville	42.2	20	0	0	0	0	0	0	0	0	0	0	.22	3.78	28.5	72.0	.....
			60	0	0	0	0	0	0	0	0	0	0	3.05	13.3	49.8	110	.....
314	Mud Creek at Naples.....	109	20	0	0	0	0	0	0	0	0	0	0	0	1.10	18.7	57.2	176
			60	0	0	0	0	0	0	0	0	0	0	1.48	9.39	41.6	87.4	.....
315	Cane Creek at Fletcher.....	63.1	20	0	0	0	0	0	0	0	0	0	.10	4.28	17.7	60.6	.....	.....
			60	0	0	0	0	0	0	0	0	.08	1.72	14.0	32.6	94.7	.....	.....
316	French Broad River at Bent Creek	676	20	0	0	0	0	0	0	0	0	0	0	0	0	4.92	26.3	109
			60	0	0	0	0	0	0	0	0	0	0	0	.94	17.9	53.5	171
317	Hominy Creek at Candler.....	79.8	20	0	0	0	0	0	0	0	0	0	.17	5.13	20.0	67.7	.....	.....
			60	0	0	0	0	0	0	0	0	.05	1.84	14.5	32.6	102	.....	.....
320	Beetree Creek near Swannanoa....	5.46	20	0	0	0	0	0	0	0	.20	2.18	6.58	22.0	42.1	94.8	167	.....
			60	0	0	0	0	0	0	.24	1.82	7.48	16.4	37.8	64.3	.....	.....	.....
322	French Broad River at Asheville	945	20	0	0	0	0	0	0	0	0	0	0	0	.56	12.3	44.6	144
			60	0	0	0	0	0	0	0	0	0	0	.50	4.92	33.5	72.1	.....
323	Sandymush Creek near Alexander..	79.5	20	0	0	0	0	0	0	0	.27	2.88	9.88	29.5	60.3	.....	.....	.....
			60	0	0	0	0	0	0	.26	2.18	9.26	18.6	44.1	.....	.....	.....	.....

324	Ivy River near Marshall.....	158	20	0	0	0	0	0	0	0	.38	4.30	11.7	32.6	64.9	.....	.....	.....
			60	0	0	0	0	0	.03	.55	3.09	11.0	21.3	49.2	.....	.....	.....	.....
325	French Broad River at Marshall..	1,332	20	0	0	0	0	0	0	0	0	0	0	.31	3.92	28.1	67.2	.....
			60	0	0	0	0	0	0	0	0	0	0	3.43	14.2	49.5	106	.....
326	Big Laurel Creek near Stack-house	126	20	0	0	0	0	0	0	0	0	.10	1.52	11.2	28.2	78.0	.....	.....
			60	0	0	0	0	0	0	0	.07	1.85	6.81	23.9	46.1	115	.....	.....
327	French Broad River at Hot Springs	1,563	20	0	0	0	0	0	0	0	0	0	0	.67	5.84	36.5	79.7	.....
			60	0	0	0	0	0	0	0	0	0	.26	5.33	19.0	57.8	124	.....
328	Spring Creek above Hot Springs..	71.8	20	0	0	0	0	0	0	.02	.44	4.05	10.2	29.3	55.2	.....	.....	.....
			60	0	0	0	.....	.....	.....	1.08	3.69	11.3	20.2	45.1	81.4	.....	.....	.....
329	West Fork Pigeon River above Lake Logan, near Hazelwood	27.6	20	0	0	0	0	0	0	0	0	0	0	0	0	4.45	17.7	83.6
			60	0	0	0	0	0	0	0	0	0	0	.....	.....	19.7	50.4	129
330	East Fork Pigeon River near Canton	51.5	20	0	0	0	0	0	0	0	0	0	0	.06	2.50	18.6	53.8	147
			60	0	0	0	0	0	0	0	0	0	.....	.....	12.4	44.1	83.6	215
332	Richland Creek below Hyatt Creek, at Hazelwood	13.2	20	0	0	0	0	0	0	0	0	0	0	.....	.....	25.9	67.9	193
			60	0	0	0	0	0	0	0	0	0	.....	.....	.....	47.7	95.3	.....
335	Jonathan Creek near Cove Creek..	65.3	20	0	0	0	0	0	0	0	0	0	0	0	2.39	26.5	68.4	194
			60	0	0	0	0	0	0	0	0	0	0	1.45	9.88	48.1	95.7	.....
337	Cataloochee Creek near Cata-loochee	49.2	20	0	0	0	0	0	0	0	0	0	0	.08	3.25	27.3	67.1	189
			60	0	0	0	0	0	0	0	0	0	0	2.38	11.9	48.5	96.1	233
339	North Toe River at Altapass.....	104	20	0	0	0	0	0	0	0	0	0	0	.10	3.21	24.8	64.6	192
			60	0	0	0	0	0	0	0	0	0	0	2.41	12.2	46.7	98.7	.....
340	South Toe River at Newdale.....	60.8	20	0	0	0	0	0	0	0	0	0	0	.29	2.86	21.5	54.8	149
			60	0	0	0	0	0	0	0	0	0	.13	3.96	13.4	46.1	90.3	227
341	Cane River near Sioux.....	157	20	0	0	0	0	0	0	0	0	0	.29	5.39	19.2	59.4	127	.....
			60	0	0	0	0	0	0	0	0	.27	2.43	16.1	34.6	93.0	.....	.....
342	Nolichucky River at Poplar.....	608	20	0	0	0	0	0	0	0	0	0	0	.68	7.48	41.1	90.4	.....
			60	0	0	0	0	0	0	0	0	0	.04	5.36	21.0	65.6	139	.....
343	Watauga River near Sugar Grove..	90.8	20	0	0	0	0	0	0	0	0	0	.41	6.21	20.3	61.6	127	.....
			60	0	0	0	0	0	0	0	0	.41	3.06	17.2	37.6	100	173	.....
344	Watauga River at North Carolina-Tennessee State line	152	20	0	0	0	0	0	0	0	0	.21	1.56	10.7	26.3	69.8	137	.....
			60	0	0	0	0	0	0	0	.14	2.10	7.32	23.8	46.3	111	.....	.....

Table 11.—Storage required for selected recurrence intervals at stream-gaging sites—Continued

Index number (pl. 1)	Gaging site	Drainage area (square miles)	Average recurrence interval (years)	Storage required, in acre-feet per square mile, to maintain indicated regulated flow, in cubic feet per second per square mile														
				0.01	0.015	0.02	0.03	0.04	0.05	0.07	0.10	0.15	0.20	0.30	0.40	0.60	0.80	1.20
345	Elk River near Banner Elk[N].....	17.8	20	0	0	0	0	0	0	0	0	0	0.21	3.82	13.7	47.3	94.9	232
			60	0	0	0	0	0	0	0	0	.....	.....	12.9	31.3	76.0	144	.....
346	Elk River near Elk Park.....	42.0	20	0	0	0	0	0	0	0	0	0	.34	4.82	15.9	54.5	108	.....
			60	0	0	0	0	0	0	0	0	.37	2.84	15.4	33.2	86.5	161	.....
347	Little Tennessee River near Prentiss	140	20	0	0	0	0	0	0	0	0	0	0	0	0	3.41	22.2	103
			60	0	0	0	0	0	0	0	0	0	0	0	.20	13.7	47.2	140
349	Cullasaja River at Cullasaja....	86.5	20	0	0	0	0	0	0	0	0	0	0	0	.82	16.4	49.0	140
			60	0	0	0	0	0	0	0	0	0	0	.72	7.02	38.0	76.3	193
350	Little Tennessee River at Franklin	295	20	0	0	0	0	0	0	0	0	0	0	0	0	10.8	42.9	124
			60	0	0	0	0	0	0	0	0	0	0	0	2.98	30.4	66.1	158
351	Little Tennessee River at Iotla	323	20	0	0	0	0	0	0	0	0	0	0	0	0	7.15	35.7	121
			60	0	0	0	0	0	0	0	0	0	0	0	1.70	25.4	61.1	161
352	Little Tennessee River at Needmore	436	20	0	0	0	0	0	0	0	0	0	0	0	0	8.65	36.4	128
			60	0	0	0	0	0	0	0	0	0	0	0	.78	23.2	64.9	170
353	Nantahala River near Rainbow Springs	51.9	20	0	0	0	0	0	0	0	0	0	0	0	0	0	2.34	47.4
			60	0	0	0	0	0	0	0	0	0	0	0	0	1.11	16.1	83.9
357	Tuckasegee River at Tuckasegee[N].	143	20	0	0	0	0	0	0	0	0	0	0	0	.07	7.92	34.6	117
			60	0	0	0	0	0	0	0	0	0	0	.....	.....	24.8	60.8	163
358	Scott Creek above Sylva.....	50.7	20	0	0	0	0	0	0	0	0	0	0	0	0	7.32	39.0	142
			60	0	0	0	0	0	0	0	0	0	0	0	.69	22.7	61.4	193
360	Tuckasegee River at Dillsboro[N]..	347	20	0	0	0	0	0	0	0	0	0	0	0	.64	12.5	45.4	146
			60	0	0	0	0	0	0	0	0	0	0	.....	.....	34.4	73.0	.....
361	Connelly Creek at Whittier.....	13.5	20	0	0	0	0	0	0	0	0	0	0	.28	4.53	36.9	94.5	.....
			60	0	0	0	0	0	0	0	0	0	.....	.....	14.3	56.0	127	.....
362	Oconaluftee River at Cherokee...	131	20	0	0	0	0	0	0	0	0	0	0	0	0	7.55	33.8	117
			60	0	0	0	0	0	0	0	0	0	0	0	2.68	25.4	63.3	170
363	Soco Creek near Cherokee.....	43.2	20	0	0	0	0	0	0	0	0	0	0	0	1.79	25.9	66.7	193
			60	0	0	0	0	0	0	0	0	0	0	.70	8.34	45.3	92.9	233

364	Oconaluftee River at Birdtown...	184	20	0	0	0	0	0	0	0	0	0	0	0	.13	9.97	42.0	130	
			60	0	0	0	0	0	0	0	0	0	0	0	3.11	29.5	67.5	163	
365	Galbreath Creek near Bryson City	1.82	20	0	0	0	0	0	0	0	0	0	0	0	.70	9.76	36.5	117	
			60	0	0	0	0	0	0	0	0	0	0	.74	5.66	32.2	71.5	167	
366	Deep Creek near Bryson City.....	40.2	20	0	0	0	0	0	0	0	0	0	0	.....	.....	14.9	46.5	131	
			60	0	0	0	0	0	0	0	0	0	.....	.....	.....	40.2	78.6	175	
367	Tuckasegee River at Bryson City[N]	655	20	0	0	0	0	0	0	0	0	0	0	0	.60	11.5	42.8	131	
			60	0	0	0	0	0	0	0	0	0	0	.80	5.45	34.9	70.6	181	
368	Noland Creek near Bryson City...	13.8	20	0	0	0	0	0	0	0	0	0	0	.80	5.27	24.4	60.1	146	
			60	0	0	0	0	0	0	0	0	.08	.77	6.65	18.4	54.1	97.4	194	
369	Hazel Creek at Proctor.....	44.4	20	0	0	0	0	0	0	0	0	0	0	0	1.02	16.5	51.2	142	
			60	0	0	0	0	0	0	0	0	0	0	1.10	8.22	39.6	81.0	186	
371	Snowbird Creek near Robbinsville	42.0	20	0	0	0	0	0	0	0	0	0	0	0	0	1.33	15.9	82.5	
			60	0	0	0	0	0	0	0	0	0	0	0	.27	12.0	43.0	122	
373	Shooting Creek near Hayesville..	37.6	20	0	0	0	0	0	0	0	0	0	0	0	2.13	26.4	63.9	180	
			60	0	0	0	0	0	0	0	0	0	0	1.56	11.6	46.4	90.5	216	
376	Hiwassee River above Murphy[N]....	406	20	0	0	0	0	0	0	0	0	0	0	0	1.90	29.1	69.5	195	
			60	0	0	0	0	0	0	0	0	0	0	.54	9.71	45.6	93.2	231	
377	Hyatt Creek at U. S. Highway 19, at Marble	7.28	20	0	0	0	0	0	0	0	0	0	0	0	2.09	25.9	62.6	182	
			60	0	0	0	0	0	0	0	0	0	0	.96	10.4	45.6	88.6	217	
378	Valley River at Tomotla.....	104	20	0	0	0	0	0	0	0	0	0	0	2.98	13.3	48.8	92.1	227	
			60	0	0	0	0	0	0	0	0	.09	1.61	12.4	30.3	69.6	118	262	

Table 12.--Streamflow characteristics at base-flow observation points

[Streamflow data are adjusted on basis of long-term records to the periods indicated in tables 6, 8, and 1]

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	CHOWAN RIVER BASIN												
2A0532.00	Potecasi Creek near Union	Hertford County, lat 36°22', long 77°02', at bridge 2¾ miles north of Union, 3¼ miles above Bells Branch.	190	1.4	0.53	0.02	0.02	0.001	0	0.01	0.05	....	....
2A0533.80	Cole Creek near Gatesville	Gates County, lat 36°26'30", long 76°46'30", at bridge on U. S. Highway 158, 3 miles northwest of Gatesville, 5.4 miles above Sarem Creek.	31	.7	.12	.008	.007	.....	.....	.01	.04	....	....
2A0535.41	Chinkapin Swamp near Trap	Bertie County, lat 36°14', long 76°50', at bridge ½ mile below Cypress Swamp, 2.6 miles northeast of Trap.	31	1.1	.031	0	0	0	0	....	....	....	....
2A0535.51	Chinkapin Creek near Bethlehem	Hertford County, lat 36°15'10", long 76°51'00", at bridge 1½ miles above Killem Swamp, 2.7 miles southeast of Bethlehem.	51.7	1.2	.059	.0009	.0008	0	0	....	....	....	....
2A0535.80	Duke Swamp near Sunbury	Gates County, lat 36°28'10", long 76°38'10", at bridge 1½ miles below Middle Swamp, 2½ miles northwest of Sunbury.	36	.60	.19	.005	.004	.....	.....	....	.04	0.14	....
	ROANOKE RIVER BASIN												
2A0685.37	Big Creek near Moores Spring	Stokes County, lat 36°27', long 80°17', at bridge ¼ mile above mouth, 2¼ miles north of Moores Spring.	46.4	1.4	.98	.41	.39	.20	.16	.22	.33	.52	0.68
2A0685.74	North Double Creek near Moores Spring	Stokes County, lat 36°26', long 80°18', at bridge ¼ mile above mouth, 1 mile north of Moores Spring.	12.8	1.2	.74	.21	.20	.071	.050	.09	.17	.34	.49
2A0687.17	Snow Creek near Prestonville	Stokes County, lat 36°28', long 80°09', at bridge 1 mile below Little Snow Creek, 3 miles west of Prestonville.	22.6	1.6	1.0	.32	.30	.12	.089	.14	.24	.44	.60
2A0689.31	Mill Creek at Walnut Cove	Stokes County, lat 36°18', long 80°11', at bridge 0.2 mile west of Walnut Cove, ⅜ mile above mouth.	10.0	1.3	.65	.24	.22	.10	.082	.12	.20	.38	.52
2A0690.37	Belews Creek near Walnut Cove	Stokes County, lat 36°16', long 80°03', at bridge 2¾ miles above West Belews Creek, 5½ miles southeast of Walnut Cove.	42	1.3	.63	.22	.21	.095	.074	.11	.19	.37	....
2A0690.44	West Belews Creek near Walnut Cove	Stokes County, lat 36°16', long 80°04', at bridge 3 miles above mouth, 4¼ miles east of Walnut Cove.	12.0	1.3	.63	.22	.20	.093	.072	.11	.19	.35	.50

2A0705.28	Pawpaw Creek near Stoneville	Rockingham County, lat 36°30'20", long 79°57'50", at bridge ½ mile above mouth, 4 miles northwest of Stoneville.	7.61	1.4	.70	.17	.15	.037	.022	.05	.13	.32	.46
2A0709.37	Jacobs Creek at State Highway 704 near Madison	Rockingham County, lat 36°23', long 79°53', at bridge on State Highway 704, 1 mile above mouth, 5¼ miles east of Madison.	36.0	1.1	.56	.17	.16	.054	.035	.07	.15	.31	.44
2A0710.03	Rockhouse Creek near Wentworth	Rockingham County, lat 36°24', long 79°48', at bridge 1¼ miles west of Wentworth, 2¼ miles above mouth.	19.3	1.1	.64	.22	.21	.098	.070	.12	.20	.37	.50
2A0711.13	Buffalo Creek near Stoneville	Rockingham County, lat 36°28', long 79°48', at bridge 1 mile above mouth, 5½ miles east of Stoneville.	21.4	1.3	.71	.26	.22	.093	.065	.11	.19	.38	.52
2A0714.56	Matrimony Creek at Leaksville	Rockingham County, lat 36°29', long 79°47', at bridge on State Highway 770 at Leaksville, 1 mile above mouth.	25.3	1.3	.72	.22	.20	.062	.040	.08	.17	.36	.52
2A0740.56	Town Creek near Leaksville	Rockingham County, lat 36°29', long 79°42', at bridge 1 mile above mouth, 3 miles southeast of Leaksville.	12.5	1.1	.70	.29	.27	.14	.10	.16	.25	.43	.58
2A0752.60	South Country Line Creek near Yanceyville	Caswell County, lat 36°22', long 79°17', at bridge 1¾ miles below Penson Creek, 4¼ miles southeast of Yanceyville.	29	1.0	.28	.011	.009	0	0	....	.05	....	....
2A0772.60	South Hyco Creek near Concord	Person County, lat 36°28', long 79°06', at bridge on State Highway 57, 1 mile above mouth, 2 miles northwest of Concord.	77	1.3	.56	.070	.063	.008	.003	.02	.08	....	....
2A0776.60	Mayo Creek near Woodsdale	Person County, lat 36°31'48", long 78°52'42", at bridge 4 miles below Spoonwater Creek, 5¼ miles northeast of Woodsdale.	51.8	1.1	.46	.034	.029	.002	.0005	.01	.06	.19	.31
2A0782.00	Aarons Creek near Oak Hill	Granville County, lat 36°32'15", long 78°44'28", at bridge ¾ mile above Southern Railway, 6½ miles north of Oak Hill.	27.2	1.0	.45	.011	.008	0	0	....	.04	.16	.28
2A0791.00	Little Grassy Creek near Stovall	Granville County, lat 36°28'34", long 78°36'16", at bridge 1¼ miles above mouth, 2¾ miles northwest of Stovall.	22.9	1.1	.50	.051	.042	.....	.....	....	.05	.22	.34
2A0797.17	Smith Creek near Paschall	Warren County, lat 36°32'27", long 78°11'43", at bridge on U. S. Highway 1, 0.3 mile below Blue Mud Creek, 2.1 miles west of Paschall.	52.9	1.1	.52	.078	.072	.013	.007	.03	.08	.24	.36
2A0797.34	Hawtree Creek near Paschall	Warren County, lat 36°32'32", long 78°07'46", at bridge 1½ miles east of Paschall, 3¼ miles below Mill Creek.	26.7	1.1	.64	.16	.15	.044	.028	.07	.13	.32	.46
2A0797.76	Hubquarter Creek near Enterprise	Warren County, lat 36°30'30", long 77°59'30", at bridge 2 miles above mouth, 3¾ miles northwest of Enterprise.	15.8	1.1	.75	.27	.26	.10	.076	.12	.22	.42	.58
2A0798.00	Stonehouse Creek near Littleton	Warren County, lat 36°29', long 77°57', at bridge 3¼ miles above mouth, 4¼ miles northwest of Littleton.	16	1.0	.46	.098	.091	.023	.015	.04	.10	.26	.38

Table 12.—Streamflow characteristics at base-flow observation points--Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	ROANOKE RIVER BASIN --Continued												
2A0807.42	Quankey Creek at Halifax	Halifax County, lat 36°19', long 77°35', at bridge on U. S. Highway 301, at Halifax, 1 mile above mouth.	33.1	1.1	0.69	0.24	0.23	0.087	0.063	0.11	0.20	0.40	0.49
2A0811.30	Roquist Creek near Windsor	Bertie County, lat 35°56', long 76°57', ¼ mile below Mill Swamp, 1 mile below U. S. Highway 17, 4 miles south of Windsor.	60	1.2	.32	.001	.0008	.....	.....	....	....	....	..
	TAR - PAMLICO RIVER BASIN												
2A0812.02	Tar River near Culbreath	Granville County, lat 36°17'28", long 78°43'40", at bridge 1.7 miles above Shelton Creek, 2¼ miles north of Culbreth.	54.2	1.0	.26	.005	.004	0	0	....	.04	....	....
2A0812.39	North Fork Tar River near Berea	Granville County, lat 36°18'00", long 78°42'05", at bridge ¾ mile above mouth, 2.7 miles southeast of Berea.	21.3	1.0	.46	.052	.046	.004	.001	.02	.06	.22	.34
2A0812.97	Tar River tributary No. 4 at Culbreth	Granville County, lat 36°15'28", long 78°43'40", at bridge 0.4 mile south of Culbreth, 3½ miles above mouth.	3.40	1.0	.34	.019	.016	.0005	0	.01	.05	.17	....
2A0815.34	Coon Creek at U. S. Highway 158 near Oxford	Granville County, lat 36°18'50", long 78°33'49", at bridge on U. S. Highway 158, 0.3 mile below Jordan Creek, 1.5 miles east of Oxford.	20.0	1.0	.47	.071	.065	.010	.006	.02	.08	.24	.35
2A0815.49	Fishing Creek at mouth near Tar River	Granville County, lat 36°11'30", long 78°34'06", at mouth, 3.5 miles east of Tar River.	46.7	1.0	.56	.12	.11	.026	.014	.04	.11	.28	.43
2A0815.62	Sand Creek near Tar River	Granville County, lat 36°10'58", long 78°33'33", at bridge 0.5 mile above mouth, 4.2 miles southeast of Tar River.	3.34	1.0	.20	.003	.002	0	0	....	.03	....	....
2A0815.72	Gibbs Creek near Fairport	Granville County, lat 36°11'30", long 78°30'53", at bridge ⅜ mile above mouth, 2¼ miles south of Fairport.	7.84	1.0	.68	.25	.24	.095	.062	.12	.20	.41	.58
2A0815.82	Fork Creek near Wilton..	Granville County, lat 36°09'16", long 78°31'35", at bridge 2 miles above mouth, 3 miles northeast of Wilton.	7.54	1.0	.54	.10	.098	.027	.015	.04	.11	.28	.42
2A0815.92	Middle Creek near Franklinton	Franklin County, lat 36°10', long 78°29', at bridge ½ mile above mouth, 5 miles north of Franklinton.	8.84	1.0	.69	.28	.27	.11	.083	.13	.22	.43	.58

2A0816.04	McGees Creek near Franklinton	Franklin County, lat 36°09', long 78°29', at bridge 1 mile above mouth, 3½ miles northwest of Franklinton.	1.69	1.0	.72	.32	.31	.14	.11	.16	.26	.47	.64
2A0817.36	Buffalo Creek near Louisburg	Franklin County, lat 36°07', long 78°21', at bridge 1 mile above mouth, 3 miles northwest of Louisburg.	9.64	1.0	.56	.12	.12	.030	.019	.05	.12	.29	.43
2A0817.67	Cedar Creek near Franklinton	Franklin County, lat 36°05', long 78°27', at bridge 1½ miles above Brady Creek, 1½ miles south of Franklinton.	11.7	1.0	.69	.28	.26	.14	.11	.16	.24	.44	.58
2A0817.73	Brandy Creek near Franklinton	Franklin County, lat 36°03', long 78°27', at bridge 1½ miles above mouth, 3 miles south of Franklinton.	5.24	1.0	.76	.38	.37	.21	.18	.23	.33	.53	.68
2A0818.27	Big Branch Creek near Louisburg	Franklin County, lat 36°01', long 78°18', at bridge on State Highway 39, ½ mile above mouth, 5 miles south of Louisburg.	4.27	1.0	.69	.28	.27	.13	.10	.15	.23	.45	.58
2A0818.84	Norris Creek near Bunn..	Franklin County, lat 35°56', long 78°16', at bridge on State Highway 39, ½ mile above mouth, 2⅓ miles south of Bunn.	14.4	1.1	.56	.14	.13	.040	.026	.06	.13	.29	.44
2A0825.71	Stony Creek near Dortches	Nash County, lat 35°59'20", long 77°51'40", at bridge 1½ miles south of Dortches, 5 miles above mouth.	109	1.2	.69	.11	.10	.021	.009	.04	.10	.28	.42
2A0826.78	Weaver Creek near Henderson	Vance County, lat 36°19', long 78°19', at bridge 2¼ miles above mouth, 4¾ miles east of Henderson.	6.92	1.0	.42	.058	.054	.007	.004	.02	.08	.22	.32
2A0827.31	Devils Cradle Creek near Alert	Franklin County, lat 36°12', long 78°14', at bridge 1½ miles above mouth, 2 miles south of Alert.	12.8	1.0	.67	.24	.23	.089	.064	.11	.19	.39	.55
2A0827.49	Sandy Creek near Castalia	Nash County, lat 36°08', long 78°01', at bridge ¾ mile above Red Bud Swamp, 3½ miles northeast of Castalia.	119	1.1	.62	.16	.14	.033	.020	.05	.12	.32	....
2A0828.12	Swift Creek near Leggett	Edgecombe County, lat 35°58', long 77°35', at bridge 1½ miles above mouth, 1½ miles south of Leggett.	266	1.1	.66	.19	.18	.052	.034	.07	.18	.36	.50
2A0829.40	Bear Swamp near Brinkleyville	Halifax County, lat 36°17', long 77°52', at bridge on State Highway 561, 1½ miles above mouth, 1½ miles west of Brinkleyville.	42	1.1	.53	.083	.073	.002	.0006	.01	.07	.24	.37
2A0831.54	Marsh Swamp at Enfield..	Halifax County, lat 36°12', long 77°39', at bridge on U. S. Highway 301, ¼ mile above mouth, 1¼ miles northeast of Enfield.	81.9	1.1	.49	.055	.049	.002	.0006	.01	.06	.21	....
2A0834.32	Deep Creek near Tarboro	Edgecombe County, lat 35°57'20", long 77°30'10", at bridge on U. S. Highway 258, 1 mile above mouth, 4 miles northeast of Tarboro.	93.7	1.1	.56	.10	.094	.020	.012	.04	.10	.27	.39
2A0836.90	Otter Creek near Falkland	Pitt County, Lat 35°43'20", long 77°32'50", at bridge on State Highway 43. 2 miles above mouth, 2 miles northwest of Falkland.	47	1.1	.54	.051	.045	.006	.002	.02	.07	.21	.33
2A0838.67	Conetoe Creek near Bells Crossroads	Pitt County, lat 35°42'50", long 77°28'40", at bridge 1 mile northwest of Bells Crossroads, 1⅓ miles above mouth.	99.1	1.1	.68	.13	.13	.055	.036	.07	.14	.31	.45
2A0843.86	Cherry Run near Washington	Beaufort County, lat 35°35'12", long 77°04'04", at bridge 2 miles above mouth, 3 miles north of Washington.	6.2	.8	.083	.0038	.0021	0	0	....	.03	....	....

Table 12.—Streamflow characteristics at base-flow observation points—Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	TAR - PAMLICO RIVER BASIN --Continued												
2A0845.40	Durham Creek at Edward..	Beaufort County, lat 35°19'25", long 76°52'26", at bridge on State Highway 33, at Edward, 6¾ miles above mouth.	21	1.0	0.54	0.033	0.025	0.0003	.....	0.01	0.05	0.20	0.32
	NEUSE RIVER BASIN												
2A0848.96	Eno River near Cedar Grove	Orange County, lat 36°06', long 79°09', at ford ⅛ mile above McGowan Creek, 4⅛ miles southeast of Cedar Grove.	33.0	1.1	.53	.088	.077	.014	.005	.03	.09	.25	.36
2A0849.11	Sevenmile Creek near Hillsboro	Orange County, lat 36°04', long 79°08', at Hillsboro, ¼ mile above mouth.	16.7	1.1	.40	.033	.028	.003	.0007	.02	.06	.18	....
2A0850.06	Cates Creek near Hillsboro	Orange County, lat 36°04', long 79°05', at bridge on U. S. Highway 70A, ⅛ mile above mouth, 1⅛ miles southeast of Hillsboro.	4.65	1.1	.47	.049	.042	.005	.001	.02	.07	.20	.32
2A0850.16	Eno River near Schley...	Orange County, lat 36°05', long 79°01', at ford 2 miles above Stony Creek, 6 miles southeast of Schley.	97.8	1.1	.54	.096	.090	.023	.010	.04	.11	.26	.37
2A0851.14	Foster Creek near Cedar Grove	Orange County, lat 36°08', long 79°07', at bridge 3¾ miles southeast of Cedar Grove, 6¾ miles above mouth.	.62	1.1	.35	.017	.014	.0009	0	.01	.05	.15	....
2A0851.18	Foster Creek near Schley	Orange County, lat 36°08', long 79°05', at bridge 1⅛ miles southwest of Schley, 5 miles above mouth.	2.74	1.1	.38	.022	.018	.002	0	.01	.05	.16	....
2A0851.24	Foster Creek near Hillsboro	Orange County, lat 36°08', long 79°05', at bridge 1¼ miles above mouth, 5⅛ miles northeast of Hillsboro.	9.36	1.1	.32	.014	.012	.0007	0	.01	.05	.14	....
2A0852.62	Little River near Weaver	Durham County, lat 36°04'56", long 78°51'25", at bridge 1.5 miles above mouth, 2.5 miles northeast of Weaver.	105	1.1	.50	.076	.066	.012	.004	.03	.09	.23	.35
2A0852.84	Eno River near Willardville	Durham County, lat 36°05'31", long 78°49'27", at bridge ¾ mile above Flat River, 4 miles southeast of Willardville.	260	1.1	.525	.088	.080	.016	.0056	.03	.10	.24	.38
2A0865.99	Knap of Reeds Creek at Butner	Granville County, lat 36°08'35", long 78°47'10", at Camp Butner 4 miles above mouth.	38.2	1.0	.34	.026	.022	.002	.0007	.01	.06	.18	....
2A0867.74	Ellerbe Creek above Goose Creek near Durham	Durham County, lat 36°01'41", long 78°51'57", 50 ft above Goose Creek, 1¼ miles northeast of Durham.	10.4	1.0	.74	.34	.32	.16	.10	.17	.29	.49	.66

2A0871.81	Honeycutt Creek at Falls	Wake County, lat 35°56'25", long 78°35'16", at bridge 0.3 mile west of Falls, 0.3 mile above mouth.	8.54	1.1	.72	.27	.26	.14	.11	.16	.25	.44	.58
2A0871.85	Richland Creek tributary at Wake Forest	Wake County, lat 36°00', long 78°30', 0.5 mile above mouth, 1 mile northeast of Wake Forest.	.23	1.1	1.0	.81	.80	.67	.60	.68	.79	.96	1.1
2A0871.86	Richland Creek at Wake Forest	Wake County, lat 35°59'44", long 78°30'40", at bridge ¾ mile north of Wake Forest, 6 miles above mouth.	6.28	1.1	.91	.58	.56	.38	.30	.39	.50	.72	.87
2A0871.89	Richland Creek near Wyatt	Wake County, lat 35°56'50", long 78°33'10", 0.6 mile west of Wyatt, 1.2 miles above mouth.	13.0	1.1	.92	.59	.57	.39	.31	.38	.52	.74	.91
2A0872.04	Smith Creek near Rolesville	Wake County, lat 35°55'10", long 78°32'04", at bridge ½ mile above mouth, 4½ miles west of Rolesville.	22.8	1.1	.82	.42	.40	.22	.18	.24	.35	.56	.73
2A0872.16	Hodges Mill Creek near Rolesville	Wake County, lat 35°51', long 78°29', at bridge 0.2 mile below Lake Miri, 5¼ miles south of Rolesville.	4.86	1.1	.88	.55	.54	.35	.26	.34	.48	.68	.86
2A0872.19	Hodges Mill Creek near Milburnie	Wake County, lat 35°51'22", long 78°30'46", at bridge 0.5 mile above mouth, 4½ miles northeast of Milburnie.	7.37	1.1	.86	.52	.51	.33	.24	.31	.47	.66	.84
2A0872.26	Beaverdam Creek near Knightdale	Wake County, lat 35°49'03", long 78°30'11", at bridge 0.9 mile above Neuseco Lake, 2.4 miles northwest of Knightdale.	4.17	1.1	.81	.42	.40	.23	.15	.22	.35	.58	.74
2A0872.90	Mine Creek near Millbrook	Wake County, lat 35°51'19", long 78°39'43", at bridge 1¼ miles above mouth, 3¼ miles west of Millbrook.	8.75	1.1	.59	.28	.27	.17	.16	.20	.27	.44	.56
2A0873.18	Big Branch at Millbrook	Wake County, lat 35°51'04", long 78°37'22", at culvert 1 mile west of Millbrook, 2½ miles above mouth.	1.29	1.1	.61	.16	.15	.06	.052	.09	.16	.32	.46
2A0873.38	Walnut Creek above Lake Johnson near Raleigh	Wake County, lat 35°46'09", long 78°43'25", at bridge 0.5 mile above Lake Johnson, 5 miles southwest of Raleigh.	5.13	1.1	.50	.082	.074	.016	.008	.03	.09	.24	....
2A0873.43	Bushy Branch near Raleigh	Wake County, lat 35°46'10", long 78°41'23", at bridge three hundred feet above mouth, 3 miles southwest of Raleigh.	1.89	1.1	.70	.26	.25	.10	.055	.11	.22	.42	.58
2A0873.54	Wildcat Branch at Raleigh	Wake County, lat 35°45'20", long 78°38'10", 0.1 mile above mouth, 1¾ miles south of Raleigh.	2.16	1.1	.54	.11	.10	.020	.010	.04	.10	.27	.38
2A0873.57	Big Branch tributary near Garner	Wake County, lat 35°44', long 78°34', 1.9 miles northeast of Garner, 4½ miles above mouth.	1.26	1.1	.70	.33	.32	.14	.10	.16	.25	.46	.63
2A0873.86	Neuse River tributary No. 5 near Knightdale	Wake County, lat 35°45', long 78°30', at bridge 2 miles above mouth, 3 miles southwest of Knightdale.	2.29	1.1	.52	.15	.15	.070	.052	.09	.16	.31	.43
2A0875.84	Swift Creek near Macedonia	Wake County, lat 35°42', long 78°43', at bridge 3¼ miles southeast of Macedonia, 6 miles above Reedy branch.	26.9	1.1	.43	.050	.046	.006	.003	.02	.07	.20	.30
2A0876.71	Swift Creek tributary near Raleigh	Wake County, lat 35°40', long 78°37', in Lake Benson 0.1 mile upstream from mouth, 8 miles south of Raleigh.	2.75	1.1	.67	.20	.19	.056	.033	.08	.16	.36	.52

Table 12.—Streamflow characteristics at base-flow observation points—Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	NEUSE RIVER BASIN --Continued												
2A0877.61	Little Creek above Clayton	Johnston County, lat 35°39', long 78°29', at bridge ½ mile below unnamed tributary, 1½ miles northwest of Clayton.	4.24	1.1	0.49	0.090	0.084	0.018	0.006	0.03	0.10	0.25	0.38
2A0881.40	Stone Creek near Newton Grove	Johnston County, lat 35°20', long 78°22', at bridge on U. S. Highway 701 in Johnston County, 1 mile above mouth, 6½ miles north of Newton Grove.	27.9	.9	.52	.16	.15	.042	.017	.06	.14	.31	.45
2A0882.40	Hannah Creek near Blackman	Johnston County, lat 35°23'50", long 78°26'00, at bridge 0.1 mile above Rock Branch, 2.1 miles north of Blackman.	34	1.0	.21	.006	.004	0	0	....	.04	....	....
2A0884.34	Buffalo Creek at Poole Road near Wendell	Wake County, lat 35°46', long 78°23', at bridge on Poole Road, 1 mile below Norfolk Southern Railway, 1 mile southwest of Wendell.	15.9	1.1	.65	.20	.20	.079	.042	.09	.18	.37	.52
2A0889.49	Neuse River tributary No. 3 at Genoa	Wayne County, lat 35°20', long 78°01', at bridge ½ mile east of Genoa, 1 mile above mouth.	4.67	1.1	.80	.37	.36	.16	.10	.16	.29	.51	.69
2A0889.69	Neuse River tributary No. 4 near Genoa	Wayne County, lat 35°19', long 78°00', at bridge mile above mouth, 1¼ miles southeast of Genoa.	4.98	1.1	.60	.15	.14	.032	.016	.05	.13	.31	.45
2A0890.91	Sleepy Creek near Dudley	Wayne County, lat 35°15'06", long 77°57'13", at bridge 1½ miles above mouth, 5 miles east of Dudley.	9.79	1.2	1.0	.75	.74	.49	.42	....	.63	.86	1.00
2A0891.20	Walnut Creek near Best..	Wayne County, lat 35°18'57", long 77°53'01", at bridge 2.7 miles southwest of Best, 4½ miles above mouth.	9.71	1.1	.62	.18	.17	.066	.051	.09	.16	.36	.49
2A0891.44	Walnut Creek near Seven Springs	Wayne County, lat 35°16'53", long 77°52'17", at bridge 1½ miles above mouth, 4 miles north of Seven Springs.	18.8	1.2	.83	.37	.34	.19	.16	.21	.31	.52	.69
2A0892.28	West Bear Creek at New Hope	Wayne County, lat 35°22'48", long 77°52'13", at bridge ¾ mile north of New Hope, 3¾ miles above mouth.	13.9	1.1	.31	.082	.079	.029	.020	.05	.10	....	....
2A0892.63	Bear Creek near Mayo Store	Lenoir County, lat 35°14'56", long 77°47'05", at bridge 1½ miles above mouth, 2 miles south of Mayo Store.	60.0	1.0	.60	.28	.28	.16	.13	.17	.25	.43	.54
2A0893.56	Gum Swamp near Falling Creek	Lenoir County, lat 35°18'00", long 77°41'50", at bridge 0.4 mile above mouth, 2.8 miles north of Falling Creek.	6.12	1.2	.46	.045	.042	.009	.006	.02	.07	.19	.30

2A0896.20	Southwest Creek near Woodington	Lenoir County, lat 35°11'25", long 77°37'20", at bridge on U. S. Highway 258, 1¼ miles northeast of Woodington, 1¼ miles above Spring Branch.	37.7	.6	.19	.016	.013	0	0	.01	.05	.15	....
2A0896.98	Stonyton Creek near Graingers	Lenoir County, lat 35°19'00", long 77°29'40", at bridge ½ mile east of Grainger, 1 mile above mouth.	36.1	1.1	.48	.085	.081	.017	.005	.04	.10	.25	.35
2A0897.28	Mosleys Creek near Grifton	Lenoir County, lat 35°19'50", long 77°25'40", at bridge 1 mile above mouth, 3 miles southeast of Grifton.	45.7	1.1	.46	.076	.071	.015	.005	.03	.09	.24	.35
2A0902.84	Haw Branch near Bailey..	Nash County, lat 35°46'40", long 78°08'40", at bridge 500 ft below Norfolk Southern Railway, 1½ miles west of Bailey.	7.69	1.1	.48	.067	.062	.012	.006	.03	.08	.22	.33
2A0903.90	Contentnea Creek near Kenly	Wilson County, lat 35°41'10", long 78°05'40", at bridge 500 feet below Buckhorn Branch, 6.8 miles north of Kenly.	166	1.0	.30	.048	.045	.....	.....	.02	.07	.19	....
2A0905.80	Black Creek near Black Creek	Wilson County, lat 35°38'20", long 77°58'10", at bridge 2.3 miles west of Black Creek, 2.5 miles above Great Swamp.	31	1.0	.33	.....	.....	0	0	....	.03	.13	....
2A0908.91	Beamans Run near Walstonburg	Greene County, lat 35°32'50", long 77°44'30", at bridge 1.1 miles above mouth, 4.1 miles southwest of Walstonburg.	7.92	1.0	.42	.061	.057	.012	.007	.03	.08	.21	.32
2A0909.60	Nahunta Swamp near Pikeville	Wayne County, lat 35°30'40", long 77°59'00", at bridge on U. S. Highway 117, 100 ft below Atlantic Coastline Railroad, one mile north of Pikeville.	18.6	1.1	.54	.11	.10	.040	.028	.06	.12	.28	.40
2A0909.80	The Slough near Saulston	Wayne County, lat 35°28'15", long 77°51'32", at bridge ½ mile above mouth, 3 miles northeast of Saulston.	21.4	1.1	.53	.10	.097	.035	.024	.05	.12	.27	.38
2A0911.41	Fort Run near Contentnea	Greene County, lat 35°29'50", long 77°43'30", at bridge ½ mile above mouth, ¾ mile south of Contentnea.	10.5	1.0	.40	.05	.048	.009	.005	.02	.07	.20	.30
2A0914.30	Shepherd Run near Snow Hill	Greene County, lat 35°26'10", long 77°38'40", at culvert on U. S. Highway 258, 1 mile above mouth, 2.0 miles south of Snow Hill.	1.47	1.1	.97	.74	.73	.59	.56	.61	.72	.86	.93
2A0914.86	Rainbow Creek at Hookerton	Greene County, lat 35°25'30", long 77°35'40", at bridge at Hookerton, ¼ mile above mouth.	15.3	1.1	.76	.32	.31	.15	.12	.17	.26	.46	.64
2A0915.29	Mussel Run near Hookerton	Greene County, lat 35°26'20", long 77°34'00", at bridge 1 mile above mouth, 2 miles northeast of Hookerton.	11.2	1.1	.50	.092	.085	.023	.014	.04	.10	.25	.38
2A0915.59	Polecat Branch near Hookerton	Greene County, lat 35°26'00", long 77°32'40", at bridge 1 mile above mouth, 3 miles east of Hookerton.	3.25	1.1	.62	.16	.16	.054	.038	.07	.14	.33	.46
2A0915.74	Contentnea Creek near Hugo	Lenoir County, lat 35°24'50", long 77°29'50", at bridge 1.9 miles above Little Contentnea Creek, 2.3 miles northeast of Hugo.	790	1.0	.56	.14	.13	.042	.029	.06	.12	.30	....
2A0916.04	Little Contentnea Creek near Fountain	Pitt County, lat 35°36'50", long 77°35'50", at bridge ¼ mile above Black Swamp, 4½ miles south-southwest of Fountain.	35.9	1.0	.42	.034	.030	.003	.0009	.01	.06	.19	.29

Table 12.—Streamflow characteristics at base-flow observation points—Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	NEUSE RIVER BASIN --Continued												
2A0916.64	Little Contentnea Creek at State Highway 121 near Farmville	Pitt County, lat 35°36'20", long 77°34'30", at bridge on State Highway 121, 1 mile northeast of Farmville, 1.8 miles above Oldwoman Branch.	55.1	1.0	0.42	0.031	0.029	0.0034	0.001	0.02	0.06	0.18	0.29
2A0917.48	Little Contentnea Creek at Scuffleton	Greene County, lat 35°27'20", long 77°29'10", at bridge on State Highway 102, at Scuffleton, 2.6 miles above mouth.	172	1.0	.54	.089	.084	.014	.006	.03	.09	.26	.39
2A0917.86	Eagle Swamp near Grifton	Pitt County, lat 35°21'40", long 77°26'30" at bridge 1 mile above mouth, 1 mile south of Grifton.	9.68	1.1	.50	.10	.096	.029	.012	.05	.12	.26	.39
2A0918.24	Core Creek tributary near Fort Barnwell	Craven County, lat 35°16'40", long 77°18'10", at bridge on State Highway 55, 1.3 miles above mouth, 2 miles southeast of Fort Barnwell.	8.06	1.1	.14	.002	.002	0	0	.01	.03	....	....
2A0918.59	Swift Creek at State Highway 102 near Ayden	Pitt County, lat 35°28'10", long 77°24'00", at bridge on State Highway 102, 1 mile east of Ayden, 4¼ miles above Fork Swamp.	25.1	1.1	.39	.042	.036	.0008	0	.01	.06	.19	.29
2A0919.10	Swift Creek near Coxville	Pitt County, lat 35°24'10", long 77°19'50", at bridge ⅜ mile south of Coxville, 2.7 miles below Fork Swamp.	78	1.1	.38	.038	.035	.004	.0007	.02	.07	.18	.28
2A0920.20	Palmetto Swamp near Vanceboro	Craven County, lat 35°20'20", long 77°10'20", at bridge on State Highway 43, 1.3 miles above mouth, 2.5 miles northwest of Vanceboro.	24.2	.7	.046	.....	.....	.....	.....	0	....	....	....
2A0920.52	Little Swift Creek near Cayton	Craven County, lat 35°15'10", long 77°00'10", at bridge above Pine Tree Swamp, 1.1 miles west of Cayton.	25.8	1.0	.14	.003	.002	0	0	.01	.03	....	....
2A0921.20	Batchelders Creek near New Bern	Craven County, lat 35°09'00", long 77°10'20", at bridge on U. S. Highway 70, 2.1 miles below Rollover Creek, 6.7 miles northwest of New Bern.	33.6	1.1	.36	.039	.035	.006	.003	.02	.07	.19	.30
2A0923.94	Tuckahoe Creek near Pleasant Hill	Jones County, lat 35°01'55", long 77°34'47", at bridge 1 mile above mouth, 2⅓ miles south of Pleasant Hill.	49.7	1.2	.31	.022	.019	.002	.001	.01	.05	.15	....
2A0925.14	Big Chinquapin Branch near Phillips Crossroads	Jones County, lat 35°04'50", long 77°25'10", at bridge ¾ mile above mouth, ¾ mile north of Phillips Crossroads.	16.1	1.1	.34	.032	.028	.004	.002	.01	.06	.18	....

2A0925.40	Beaver Creek near Phillips Crossroads	Jones County, lat 35°08'00", long 77°27'00", at bridge 1¾ miles above mouth, 2.8 miles north of Phillips Crossroads.	33	1.1	.40	.052	.048	.009	.005	.02	.07	.20	.30
	NEWPORT RIVER BASIN												
2A0926.92	Southwest Prong Newport River near Newport	Carteret County, lat 34°46'46", long 76°56'01", at bridge 1.6 miles above mouth, 4.3 miles west of Newport.	16.4	1.4	.90	.33	.32	.14	.10	.16	.25	.48	.68
2A0926.94	Northwest Prong Newport River near Newport	Carteret County, lat 34°47'52", long 76°54'49", at bridge 0.4 mile above mouth, 3.2 miles northwest of Newport.	[a]15.4	1.4	.73	.17	.16	.050	.034	.07	.14	.34	.50
	WHITE OAK RIVER BASIN												
2A0927.26	Starky Creek near Belgrade	Onslow County, lat 34°50'10", long 77°13'40", at bridge 1¾ miles above mouth, 3¼ miles south of Belgrade.	14.1	1.5	.42	.023	.019	.002	.0007	.01	.05	.17	.27
	NEW RIVER BASIN												
2A0928.24	New River near Richlands	Onslow County, lat 34°52'30", long 77°33'00", at bridge on U. S. Highway 258, 1 mile above Mill Swamp, 1½ miles south of Richlands.	40	1.5	.50	.044	.026	0	0	.01	.05	.20	.30
2A0928.90	New River tributary near Gum Branch	Onslow County, lat 34°51'20", long 77°32'30", at bridge on U. S. Highway 258, 0.6 mile above mouth, 2.7 miles west of Gum Branch.	5.78	1.4	.92	.44	.42	.24	.20	.26	.35	.57	.75
2A0929.56	Jenkins Swamp near Gum Branch	Onslow County, lat 34°52'50", long 77°31'20", at bridge 1½ miles northwest of Gum Branch, 1¾ miles above mouth.	5.62	1.5	.83	.28	.27	.12	.096	.14	.23	.44	.58
2A0930.16	Half Moon Creek at Half Moon	Onslow County, lat 34°49'10", long 77°27'30", at bridge 0.3 mile south of Half Moon, 1.1 miles above mouth.	12.3	1.4	.13	.002	.002	0	0	.01	.03	....	....
	CAPE FEAR RIVER BASIN												
2A0933.13	Haw River near Foushee..	Rockingham County, lat 36°16', long 79°39', at bridge on U. S. Highway 29, ½ mile above Troublesome Creek, 2 miles south of Foushee.	77.6	1.2	.68	.19	.17	.070	.050	.09	.16	.34	.47
2A0933.36	Troublesome Creek near Monroeton	Rockingham County, lat 36°18', long 79°43', at bridge on U. S. Highway 158, 1½ miles northeast of Monroeton, 5¼ miles above mouth.	44.2	1.1	.56	.17	.16	.070	.042	.08	.15	.31	.44
2A0933.60	Troublesome Creek near Reidsville	Rockingham County, lat 36°16', long 79°39', at bridge on U. S. Highway 29, 1¼ miles above mouth, 5½ miles south of Reidsville.	55	1.1	.70	.24	.24	.....	.....	.12	.20	.39	.53
2A0936.99	Reedy Fork near Kernersville	Forsyth County, lat 36°07'35", long 80°03'00", 1 mile east of Kernersville, 6½ miles above Beaver Creek.	.80	1.2	.90	.48	.46	.28	.24	.30	.39	.60	.76
2A0938.79	Brush Creek near Summerfield	Guilford County, lat 36°09', long 79°54', at bridge 1¼ miles above mouth, 3 miles south of Summerfield.	10.4	1.3	.64	.17	.16	.064	.047	.08	.15	.32	.45

[a] Includes that of Shoe Branch at bridge 1.8 miles west of Newport.

Table 12.—Streamflow characteristics at base-flow observation points—Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	CAPE FEAR RIVER BASIN -Continued												
2A0939.19	Horsepen Creek near Guilford College	Guilford County, lat 36°07'20", long 79°53'02", at bridge 1 mile above unnamed tributary, 3½ miles north of Guilford College.	9.10	1.1	0.65	0.24	0.23	0.13	0.11	0.15	0.23	0.39	0.52
2A0939.59	Horsepen Creek tributary near Guilford College	Guilford County, lat 36°07'08", long 79°52'10", at bridge 1 mile above mouth, 3½ miles northeast of Guilford College.	3.05	1.1	.50	.12	.12	.050	.039	.07	.13	.27	.38
2A0946.59	South Buffalo Creek near Pomona	Guilford County, lat 36°02'59", long 79°51'22", 200 ft above Pomona Road, 0.7 mile south of Post Office at Pomona, 1.0 mile below Southern Railway trestle.	7.33	1.2	.57	.16	.15	.068	.054	.09	.15	.30	.42
2A0958.96	Travis Creek near Glen Raven	Alamance County, lat 36°08', long 79°29', at bridge ¼ mile above mouth, 2 miles northwest of Glen Raven.	16	1.1	.50	.088	.074	.014	.008	.03	.09	.24	....
2A0965.27	Back Creek near Mebane..	Alamance County, lat 36°07', long 79°18', at bridge 1¾ miles above Quaker Creek, 2 miles northwest of Mebane.	47.2	1.1	.31	.011	.009	.0005	0	.01	.04	....	....
2A0965.53	Moadams Creek above sewer near Mebane	Alamance County, lat 36°06', long 79°17', above sewer effluent outfall 1 mile southwest of Mebane, 3¼ miles above mouth.	1.1	1.1	.36	.02	.016	.0008	0	.01	.05	.16	....
2A0967.80	South Prong Stinking Quarter Creek near Bellemont	Alamance County, lat 35°59', long 79°30', at bridge 1½ miles above mouth, 4 miles southwest of Bellemont.	33	1.1	.60	.018	.012	0	0	....	.04	.16	.30
2A0967.98	Little Alamance Creek near Graham	Alamance County, lat 36°03', long 79°25', at bridge 2 miles above mouth, 2 miles southwest of Graham.	13.2	1.1	.55	.11	.094	.019	.010	.04	.10	.26	.38
2A0968.22	Haw Creek near Swepsonville	Alamance County, lat 36°00', long 79°20', at bridge ¾ mile above mouth, ¾ mile south of Swepsonville.	27.7	1.1	.48	.057	.050	.010	.004	.02	.08	.21	.32
2A0969.79	Pokeberry Creek near Pittsboro	Chatham County, lat 35°46'27", long 79°07'13", at bridge 1¼ miles above mouth, 5 miles northeast of Pittsboro.	12.2	1.0	.44	.053	.047	.012	.007	.03	.08	.20	.31
2A0971.89	Robeson Creek near Seaforth	Chatham County, lat 35°42', long 79°06', at bridge ½ mile above mouth, 4½ miles southwest of Seaforth.	27.2	1.0	.38	.050	.040	.002	0	.01	.06	.19	.29
2A0972.27	Sandy Creek near Durham	Durham County, lat 35°58'05", long 78°58'08", at bridge at sewage plant, 1 mile above mouth, 5 miles southwest of Durham.	6.21	1.0	.43	.054	.046	.007	.002	.02	.07	.20	.30

2A0973.59	Bolin Creek at Chapel Hill	Orange County, lat 35°55'40", long 79°02'08", at bridge on U. S. Highway 15A, one mile above Booker Creek, 1½ miles northeast of Chapel Hill.	10.6	1.1	.53	.11	.10	.048	.043	.07	.12	.27	.40
2A0974.74	Morgan Creek near Carrboro	Orange County, lat 35°53'55", long 79°05'45", above Neville Creek in University Lake, 1.5 miles southwest of Carrboro.	9.95	1.2	.54	.089	.080	.015	.009	.03	.09	.24	.37
2A0974.89	Neville Creek near Carrboro	Orange County, lat 35°53'55", long 79°05'45", at mouth, in University Lake, 1.5 miles southwest of Carrboro.	12.1	1.2	.49	.067	.060	.009	.005	.02	.08	.22	.34
2A0974.94	Price Creek near Carrboro	Orange County, lat 35°53'45", long 79°05'40", at mouth in University Lake, 1.6 miles southwest of Carrboro.	7.33	1.2	.78	.26	.24	.088	.065	.11	.19	.40	.55
2A0983.12	West Fork Deep River near Colfax	Guilford County, lat 36°05'15", long 80°01'25", at bridge 1.7 miles south of Colfax, 8 miles above mouth.	2.18	1.2	.66	.22	.21	.10	.078	.12	.19	.37	.49
2A0983.43	West Fork Deep River near Friendship	Guilford County, lat 36°03'20", long 80°01'19", at bridge 4½ miles southwest of Friendship, 6 miles above mouth.	11.5	1.2	.73	.31	.29	.16	.13	.18	.27	.45	.59
2A0983.74	West Fork Deep River tributary near Friendship	Guilford County, lat 36°02'30", long 80°00'05", at bridge ¼ mile above mouth, 4 miles southwest of Friendship.	1.95	1.2	.65	.22	.21	.10	.079	.12	.20	.37	.49
2A0984.06	West Fork Deep River tributary No. 2 near Deep River	Guilford County, lat 36°02'19", long 79°59'33", at bridge ½ mile above mouth, 1¾ miles northwest of Deep River.	.61	1.2	.51	.11	.10	.037	.026	.05	.11	.26	.38
2A0984.37	Hiatt Branch near Deep River	Guilford County, lat 36°00'50", long 80°00'05", at bridge ¾ mile above mouth, 2¼ miles southwest of Deep River.	4.09	1.2	.52	.12	.11	.040	.028	.06	.12	.27	.38
2A0984.68	West Fork Deep River tributary No. 3 near High Point	Guilford County, lat 36°00'00", long 80°00'05", at bridge 1 mile above mouth, 2 miles northwest of High Point.	2.48	1.2	.52	.12	.10	.038	.026	.05	.11	.27	.38
2A0988.33	East Fork Deep River near Friendship	Guilford County, lat 36°04'50", long 79°57'28", at bridge on State Highway 68, ½ mile south of Friendship.	3.91	1.2	.84	.48	.46	.31	.27	.32	.43	.61	.76
2A0992.40	Bull Run at Oakdale.....	Guilford County, lat 35°58'48", long 79°55'37", at bridge at Oakdale, 0.1 mile above mouth.	7.75	1.2	.36	.058	.045	.003	.001	.02	.06	.19	....
2A0994.96	Deep River tributary near Randleman	Guilford County, lat 35°55', long 79°51', at culvert on State Highway 62, ½ mile above mouth, 8 miles northwest of Randleman.	2.28	1.2	.36	.042	.037	.009	.005	.02	.07	.18	....
2A1000.28	Bob Branch near Randleman	Randolph County, lat 35°51'15", long 79°51'20", at bridge ½ mile above mouth, 3¾ miles northwest of Randleman.	2.85	1.2	.40	.034	.028	.004	.002	.01	.06	.17	....
2A1000.56	Muddy Creek near Randleman	Randolph County, lat 35°50'55", long 79°50'00", at bridge ¼ mile above mouth, 2¾ miles northwest of Randleman.	26.2	1.2	.26	.026	.019	.001	0	.01	.05	.14	....
2A1002.44	Haskett Creek above Penwood Branch near Asheboro	Randolph County, lat 35°45'25", long 79°47'45", 300 ft above Penwood Branch, 1½ miles north of Asheboro.	5.62	1.3	.53	.068	.055	.002	.0009	.01	.06	.21	.32

Table 12.—Streamflow characteristics at base-flow observation points—Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	CAPE FEAR RIVER BASIN --Continued												
2A1003.57	Bush Creek near Cedar Falls	Randolph County, lat 35°46', long 79°44', at bridge ¾ mile above mouth, 1 mile east of Cedar Falls.	13.2	1.2	0.50	0.075	0.062	0.004	0.002	0.02	0.07	0.22	0.34
2A1004.19	Sandy Creek tributary No. 3 at Liberty	Randolph County, lat 35°53', long 79°37', at culvert 1½ miles above mouth, 1¾ miles northwest of Liberty.	.90	1.2	.60	.22	.19	.072	.053	.09	.17	.35	.48
2A1004.32	Sandy Creek tributary No. 2 near Melancton	Randolph County, lat 35°52', long 79°37', at bridge ¼ mile above mouth, 2 miles northwest of Melancton.	5.66	1.2	.46	.10	.094	.027	.018	.04	.10	.25	.34
2A1004.69	Sandy Creek near Ramseur	Randolph County, lat 35°46', long 79°40', at bridge ¼ mile below Pleasant Creek, 2⅔ miles north of Ramseur.	53.1	1.2	.44	.093	.078	.019	.012	.03	.09	.23	.32
2A1005.54	Mill Creek near Ramseur	Randolph County, lat 35°41', long 79°38', at bridge ½ mile above mouth, 3½ miles south of Ramseur.	16.5	1.1	.58	.093	.082	.008	.002	.02	.08	.24	.36
2A1006.74	Richland Creek near Coleridge	Randolph County, lat 35°37', long 79°37', at bridge ¾ mile above mouth, 2 miles south of Coleridge.	59.6	1.3	.81	.21	.18	.027	.012	.04	.13	.34	.50
2A1007.87	Bear Creek tributary at Whynot	Randolph County, lat 35°31'33", long 79°45'44", at bridge at Whynot, 7 miles above Wolf Creek.	1.35	1.3	.49	.054	.04	.001	0	.01	.06	.19	.30
2A1008.24	Bear Creek near Spies...	Moore County, lat 35°27', long 79°39', at bridge 2½ miles northeast of Spies, 3 miles above Cabin Creek.	44.0	1.4	.65	.073	.062	.005	.002	.02	.08	.22	.34
2A1009.39	Cabin Creek above mine near Robbins	Moore County, lat 35°25', long 79°37', 1¼ miles above mouth 1½ miles west of Robbins.	78.0	1.4	.37	.009	.007	0	0	.01	.04	....	....
2A1010.90	McLendons Creek near Carthage	Moore County, lat 35°23', long 79°27', at bridge on State Highway 22, 3 miles northwest of Carthage, 3¾ miles below Juniper Creek.	42	1.3	.62	.....	.....	0	0	.01	.06	.22	.36
2A1013.08	McLendons Creek near Glendon	Moore County, lat 35°27', long 79°24', at bridge 1 mile above mouth, 2 miles south of Glendon.	99.0	1.3	.32	.....	.....	0	0	.01	.05	....	....
2A1015.13	Big Buffalo Creek near Sanford	Lee County, lat 35°29', long 79°12', at bridge one mile below Skunk Creek, 1½ miles northwest of Sanford.	9.73	1.1	.40	.032	.027	.006	.004	.02	.06	.17	....
2A1015.52	Big Buffalo Creek near Cumnock	Lee County, lat 35°33', long 79°13', at bridge 1 mile above mouth, 1 mile southeast of Cumnock.	19.6	1.1	.51	.084	.076	.028	.021	.04	.10	.24	.36
2A1016.31	Rocky River at Liberty..	Randolph County, lat 35°50', long 79°35', at bridge on State Highway 49, 2 miles south of Liberty.	1.81	1.2	.48	.12	.096	.022	.....	.04	.09	.26	....

2A1017.39	Loves Creek above sewer near Siler City	Chatham County, lat 35°44', long 79°26', 200 ft above sewage plant, 1⅓ miles above mouth, 1⅓ miles east of Siler City.	7.74	1.1	.64	.21	.19	.032	.016	.05	.14	.33	.50
2A1018.48	Landrum Creek near Pittsboro	Chatham County, lat 35°41', long 79°16', at bridge 1¼ miles above mouth, 6 miles southwest of Pittsboro.	14.9	1.0	.23	.018	.016	.001	.0009	.01	.05	.14	....
2A1025.48	Upper Little River near Sanford	Lee County, lat 35°24', long 79°09', at bridge ¾ mile above Gasters Creek, 5 miles southeast of Sanford.	18.8	1.2	.47	.046	.037	.004	.002	.02	.06	.19	.30
2A1025.73	Gasters Creek near Sanford	Lee County, lat 35°25', long 79°08', at bridge 1⅓ miles above mouth, 4⅓ miles southeast of Sanford.	4.36	1.2	.79	.30	.28	.11	.....	.12	.22	.44	.60
2A1025.77	Upper Little River at Swann	Lee County, lat 35°24', long 79°07', at bridge on State Highway 87, ⅓ mile below Juniper Creek, 1¼ miles north of Swann.	43.0	1.2	.56	.10	.094	.012	.003	.03	.09	.26	.39
2A1027.78	Nicks Creek near Eastwood	Moore County, lat 35°14'15", long 79°26'53", at bridge on U. S. Highway 15, 0.6 mile south of Eastwood, 0.9 mile above Chandler Pond.	20.5	1.2	.80	.30	.28	.13	.10	.15	.23	.45	.62
2A1028.13	McDeeds Creek above sewage outfall at Southern Pines	Moore County, lat 35°11'31", long 79°23'10", at bridge on State Highway 2, 1 mile north of Southern Pines, 4.1 miles above mouth.	2.24	1.2	1.0	.72	.69	.53	.48	.53	.65	.85	1.02
2A1030.81	McDuffie Creek at Manchester	Cumberland County, lat 35°11'22", long 78°59'04", at Manchester, 500 ft above mouth.	8.00	1.20	.77	.26	.24	.10	.08	.12	.21	.41	.57
2A1035.20	Stewarts Creek at Linden	Harnett County, lat 35°16'09", long 78°45'21", at bridge ½ mile above mouth, 1 mile north of Linden.	10.2	1.2	.47	.061	.055	.006	.001	.02	.08	.22	.34
2A1040.88	Buzzard Branch at East Fayetteville	Cumberland County, lat 35°02'38", long 78°50'58", at Atlantic Coastline Railroad bridge, 800 ft above mouth, 2 miles east of Fayetteville. Fayetteville, ¼ mile above mouth.	.33	1.0	.62	.094	.079	.013	.009	.03	.09	.24	.39
2A1056.90	Hammond Creek near Lisbon	Bladen County, lat 34°34'07", long 78°33'09", at bridge 2⅓ miles above Whites Creek, 4 miles north of Lisbon.	17	1.0	.56	.051	.037	.006	.....	.02	.06	.21	.34
2A1057.06	Whites Creek near Lisbon	Bladen County, lat 34°32'46", long 78°30'21", at bridge ¾ mile above mouth, 2⅓ miles northeast of Lisbon.	13	.9	.66	.14	.12	.037	.023	.06	.12	.31	.47
2A1057.38	Carvers Creek near Carvers	Bladen County, lat 34°27'06", long 78°25'36", at bridge 1 mile southwest of Carvers, 4 miles above mouth.	9.80	1.0	.76	.17	.15	.047	.029	.06	.14	.33	.50
2A1059.66	Great Coharie Creek near Ingold	Sampson County, lat 34°50'05", long 78°21'55", at bridge ¼ mile above Little Coharie Creek, 1¾ miles northwest of Ingold.	207	1.0	.67	.20	.20	.070	.046	.09	.17	.38	.53
2A1060.44	Little Coharie Creek near Ingold	Sampson County, lat 34°50'10", long 78°22'20", at bridge ¼ mile above mouth, 1¾ miles northwest of Ingold.	158	1.10	.72	.20	.20	.047	.026	.07	.16	.36	.54
2A1065.31	Black River at Ivanhoe..	Sampson County, lat 34°37', long 78°15', at bridge ⅓ mile west of Ivanhoe, 2⅓ miles above South River.	736	.9	.56	.16	.16	.049	.034	.07	.14	.33	.46

Table 12.--Streamflow characteristics at base-flow observation points--Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	CAPE FEAR RIVER BASIN --Continued												
2A1067.60	Mingo Swamp near Dunn...	Harnett County, lat 35°16', long 78°35', at bridge on U. S. Highway 421, 1 mile below Stony Run, 2.7 miles southeast of Dunn.	50	0.9	0.29	0.014	0.012	.....	0	0.01	0.05	0.16	0.22
2A1068.11	South River at Falcon...	Sampson County, lat 35°12', long 78°38', at bridge ¾ mile east of Falcon, 1 mile above Little Beaverdam Swamp.	143	.9	.31	.015	.013	0	0	.01	.05	.16	.....
2A1075.60	Moores Creek near Atkinson	Pender County, lat 34°33'24", long 78°07'25", at bridge 2½ miles below White Oak Branch, 3 miles northeast of Atkinson.	52	.....	.16	.....	.....	0	0	....	.02	.14	.28
2A1087.53	Town Creek near Bolivia	Brunswick County, lat 34°10'30", long 78°08'38", just above Lewis Swamp, 8.0 miles northeast of Bolivia.	18.7	.7	.38	.11	.096	.044	.033	.06	.12	.24	.32
2A1087.62	Lewis Swamp near Bolivia	Brunswick County, lat 34°09'57", long 78°11'04", at bridge 0.9 mile above Lewis Branch, 7¾ miles northeast of Bolivia.	10.1	.7	.23	.024	.021	.006	.004	.02	.05	....	....
2A1087.71	Russells Creek near Bolivia	Brunswick County, lat 34°08'48", long 78°06'54", at bridge 0.9 mile above mouth, 6.4 miles northeast of Bolivia.	2.56	.7	.18	.012	.010	.003	.002	.01	.04	....	....
	YADKIN - PEE DEE RIVER BASIN												
2A1111.34	Kings Creek at Grandin..	Caldwell County, lat 36°02', long 81°25', at bridge at Grandin, 1½ miles above mouth.	28.2	1.4	1.1	.60	.56	.37	.32	.36	.49	.70	.86
2A1114.10	Moravian Creek near Wilkesboro	Wilkes County, lat 36°09', long 81°10', at bridge on State Highway 268, ½ mile above mouth, 1½ miles west of Wilkesboro.	27	1.5	1.2	.65	.62	.41	.36	.42	.55	.74	.88
2A1120.29	Mulberry Creek near Fairplains	Wilkes County, lat 36°14', long 81°09', at bridge 1 mile below Hay Meadow Creek, 1¾ miles northeast of Fairplains.	31.8	1.8	1.4	.79	.76	.51	.45	.50	.64	.86	1.0
2A1120.81	Fishing Creek near North Wilkesboro	Wilkes County, lat 36°10', long 81°06', at bridge 2¼ miles above mouth, 3 miles east of North Wilkesboro.	7.52	1.5	1.2	.60	.59	.37	.32	.37	.49	.70	.85
2A1122.54	Yadkin River at Elkin...	Surry County, lat 36°15', long 80°51', at bridge at Elkin, ¼ mile below Elkin River.	854	1.7	1.2	.62	.60	.38	.32	.39	.49	.72	.92
2A1123.72	Little Creek near Zephyr	Surry County, lat 36°22', long 80°48', at bridge ¾ mile east of Zephyr, 3½ miles above mouth.	1.29	1.7	1.3	.60	.60	.34	.28	.33	.46	.69	.92

2A1123.78	Snow Creek near Burch...	Surry County, lat 36°18', long 80°46', at bridge 1½ miles above mouth, 2 miles north of Burch.	16.0	1.6	1.2	.51	.51	.26	.22	.26	.39	.62	.80
2A1123.84	Snow Creek at mouth at Burch	Surry County, lat 36°17', long 80°46', at mouth, 1 mile northwest of Burch.	19.5	1.6	1.2	.54	.54	.29	.23	.30	.42	.64	.84
2A1124.02	Fisher River at Blevins Store	Surry County, lat 36°27', long 80°49', at bridge ¼ mile northeast of Blevins Store, 1½ miles above Red Hill Creek.	31.2	1.7	1.3	.70	.70	.40	.34	.40	.54	.77	.96
2A1131.66	Cody Creek near Level Cross	Surry County, lat 36°20', long 80°41', at bridge on State Highway 268, ½ mile above Kings Creek, 3¾ miles west of Level Cross.	10.7	1.4	.91	.44	.45	.24	.19	.25	.36	.57	.73
2A1135.24	Hagan Creek near Siloam	Surry County, lat 36°17', long 80°34', at bridge at Siloam, ½ mile above mouth.	7.96	1.2	.88	.40	.41	.20	.16	.21	.32	.52	.68
2A1136.81	Lovills Creek at U. S. Highway 601 at Mount Airy	Surry County, lat 36°29', long 80°37', at U. S. Highway 601, at Mount Airy, 1¾ miles above mouth.	28.7	1.4	1.14	.680	.684	.438	.375	.39	.55	.79	.94
2A1137.21	Pauls Creek near Mount Airy	Surry County, lat 36°30'15", long 80°40'00", at bridge 200 ft above mouth, 3¼ miles west of Mount Airy.	32.8	1.4	1.1	.57	.57	.33	.27	.32	.45	.68	.87
2A1138.24	Rutledge Creek near Mount Airy	Surry County, lat 36°28', long 80°34', at bridge on U. S. Highway 52, 1¼ miles above mouth, 4 miles southeast of Mount Airy.	7.22	1.4	1.0	.50	.50	.26	.21	.26	.39	.60	.78
2A1138.56	Flat Shoal Creek near Ararat	Surry County, lat 36°25', long 80°32', at bridge 1½ miles northeast of Ararat, 2 miles above mouth.	7.33	1.0	.74	.36	.36	.19	.16	.21	.30	.50	.66
2A1142.01	West Prong Little Yadkin River near Pinnacle	Stokes County, lat 36°20', long 80°25', at bridge 1 mile above mouth, 1½ miles east of Pinnacle.	15.8	1.0	.61	.16	.15	.049	.033	.07	.14	.29	.43
2A1143.01	East Prong Little Yadkin River at Chestnut Grove	Stokes County, lat 36°20', long 80°24', at bridge ½ mile above mouth, 1 mile west of Chestnut Grove.	14.6	.8	.59	.32	.31	.18	.15	.20	.30	.46	.57
2A1144.01	Danbury Creek at Dalton	Stokes County, lat 36°18', long 80°24', at bridge ¼ mile above mouth, ½ mile east of Dalton.	8.57	.8	.57	.23	.22	.10	.078	.12	.21	.36	.49
2A1155.31	Logan Creek near Enon...	Yadkin County, lat 36°07', long 80°30', at bridge ¼ mile above mouth, 2¼ miles southwest of Enon.	25.3	1.2	.68	.22	.20	.070	.048	.08	.17	.34	.48
2A1156.61	Yadkin River at Huntsville	Forsyth County, lat 36°06', long 80°30', at bridge 500 ft below Deep Creek, 1 mile northeast of Huntsville.	1,860	1.5	1.1	.57	.55	.33	.28	.33	.44	.66	.84
2A1156.71	Ellison Creek near Lewisville	Forsyth County, lat 36°03', long 80°27', at bridge ½ mile above mouth, 3¾ miles southwest of Lewisville.	3.81	1.2	.76	.34	.32	.14	.098	.15	.26	.46	.60
2A1157.03	Muddy Creek at Bethania	Forsyth County, lat 36°10'17", long 80°20'36", at bridge on State Highway 67, 0.7 mile south of Bethania, 2.2 miles above Bill Branch.	25.0	1.2	.80	.42	.40	.21	.18	.23	.32	.51	....
2A1157.14	Mill Creek near Walkertown	Forsyth County, lat 36°10'50", long 80°13'22", at bridge 0.2 mile above Fivemile Branch, 3.9 miles west of Walkertown.	3.77	1.2	.86	.41	.39	.22	.19	.23	.33	.55	.70
2A1157.72	Silas Creek near Clemmons	Forsyth County, lat 36°02'44", long 80°21'15", at bridge 0.9 mile above mouth, 1.9 miles northeast of Clemmons.	11.8	1.2	.84	.39	.37	.16	.13	.17	.27	.50	.66
2A1157.88	Little Creek near Clemmons	Forsyth County, lat 36°02'19", long 80°20'46", at bridge 0.9 mile above mouth, 1.9 miles northeast of Clemmons.	6.81	1.2	.74	.30	.29	.12	.078	.12	.23	.43	.58

Table 12.—Streamflow characteristics at base-flow observation points—Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	YADKIN - PEE DEE RIVER BASIN--Continued												
2A1158.40	Kerners Mill Creek near Kernersville	Forsyth County, lat 36°06'20", long 80°06'20", at culvert on State Highway 150, 2 miles above mouth, 2 miles southwest of Kernersville.	2.21	1.2	0.71	0.38	0.35	0.21	0.18	0.22	0.31	0.48	0.62
2A1158.57	Kerners Mill Creek at Guthrie	Forsyth County, lat 36°06'59", long 80°08'48", at bridge 0.4 mile southeast of Guthrie, 0.7 mile above Fishers Branch.	8.50	1.2	.84	.39	.37	.20	.17	.22	.33	.52	.66
2A1158.91	Fiddlers Creek near Winston-Salem	Forsyth County, lat 36°02'46", long 80°11'48", at bridge on State Highway 109, 1.5 miles above mouth, 4.6 miles southeast of Winston-Salem.	9.72	1.2	.90	.47	.45	.27	.24	.29	.39	.58	.75
2A1162.51	Reedy Creek near Reedy Creek	Davidson County, lat 35°54', long 80°22', at bridge 1½ miles above mouth, 1½ miles west of Reedy Creek.	21.1	1.1	.66	.22	.20	.078	.060	.09	.17	.35	.49
2A1167.51	Dutchmans Creek near Cana	Davie County, lat 35°59', long 80°34', at bridge ¾ mile north of Cana, 1½ miles below Saw Mill Branch.	41.7	1.3	.62	.14	.12	.031	.019	.05	.11	.28	.40
2A1172.83	Snow Creek near Scotts..	Iredell County, lat 35°54', long 80°57', at bridge on State Highway 115, 2¾ miles above mouth, 5 miles northeast of Scotts.	28.6	1.3	.90	.45	.42	.25	.21	.26	.37	.56	.72
2A1205.56	Fourth Creek near Statesville	Iredell County, lat 35°51', long 80°55', at bridge on State Highway 115, 4¼ miles above Morrison Creek, 4¾ miles north of Statesville.	9.19	1.2	.87	.46	.44	.27	.23	.29	.40	.59	.74
2A1206.04	Morrison Creek near Statesville	Iredell County, lat 35°49', long 80°55', at bridge on State Highway 115, 3¼ miles above mouth, 3¼ miles northwest of Statesville.	5.87	1.2	.88	.48	.46	.29	.26	.31	.41	.60	.75
2A1207.13	Withrow Creek near Barber	Rowan County, lat 35°42', long 80°39', at bridge on State Highway 801, 1¼ miles south of Barber, 2 miles above Second Creek.	45.0	1.2	.73	.31	.30	.16	.13	.17	.27	.43	.58
2A1207.36	Back Creek near Mill Bridge	Rowan County, lat 35°40'50", long 80°38'10", at bridge ¾ mile above mouth, 2½ miles north of Mill Bridge.	39.3	1.2	.74	.32	.30	.16	.13	.18	.27	.44	.57
2A1207.58	Kerr Creek near Mill Bridge	Rowan County, lat 35°39'30", long 80°38'15", at bridge 1 mile above mouth, 1¼ miles north of Mill Bridge.	16.6	1.2	.82	.40	.38	.22	.19	.23	.34	.53	.67

2A1211.81	North Potts Creek at Linwood	Davidson County, lat 35°45'07", long 80° 17", at bridge 0.4 mile southwest of Linwood, miles above mouth.	10.0	1.2	.80	.36	.36	.18	.14	.19	.29	.51	.66
2A1212.41	South Potts Creek near Linwood	Davidson County, lat 35°44'55", long 80° 11", at bridge on U. S. Highway 29, 1 mile ab mouth, 2 miles southwest of Linwood.	13.4	1.2	.75	.27	.25	.11	.084	.13	.21	.40	.55
2A1213.01	Swearing Creek at Lexington	Davidson County, lat 35°50'13", long 80°17'28", at bridge ¾ mile above Indian Grove Creek, 1¼ miles west of Lexington.	11.5	1.2	.69	.21	.19	.068	.051	.09	.17	.34	.48
2A1214.66	Rich Fork near High Point	Davidson County, lat 35°58'40", long 80°03'41", at bridge in Davidson County, 2.7 miles below County line, 3.6 miles northwest of High Point.	6.40	1.2	.42	.086	.075	.021	.014	.04	.09	.23	.32
2A1214.92	Leonard Creek tributary near Lexington	Davidson County, lat 35°52'00", long 80°13'54", at bridge 1.2 miles above mouth, 3.4 miles northeast of Lexington.	6.01	1.2	.50	.14	.12	.039	.028	.06	.12	.28	.39
2A1214.96	Leonard Creek at U. S. Highway 70 near Lexington	Davidson County, lat 35°50'24", long 80°13'17", at bridge on U. S. Highway 70, ¾ mile above mouth, 1 mile northeast of Lexington.	17.6	1.2	.55	.17	.16	.076	.060	.09	.16	.31	.43
2A1219.58	Flat Swamp Creek near Silver Hill	Davidson County, lat 35°41'12", long 80°09'06", at bridge 1.5 miles above Dry Branch, 3.4 miles southeast of Silver Hill.	15.4	.9	.30	.026	.021	.002	.0007	.01	.05	.16	....
2A1225.30	Lick Creek at Healing Springs	Davidson County, lat 35°36'59", long 80°10'31", at bridge 0.1 mile east of Healing Springs, 3 miles above mouth.	27.8	.8	.30	.034	.026	.0008	0	.01	.05	.17	.25
2A1225.60	Cabin Creek near Jackson Hill	Davidson County, lat 35°34'57", long 80°09'12", at culvert on State Highway 8, 0.6 mile north of Jackson Hill, 4 miles above mouth.	13.7	.8	.30	.068	.11	.035	.023	.05	.12	.26	....
2A1231.89	Briar Creek near Holly Grove	Davidson County, lat 35°46'20", long 80°03'48", at bridge 2 miles above mouth, 7½ miles southeast of Holly Grove.	8.82	1.1	.31	.019	.016	.002	.001	.01	.05	.14	....
2A1232.60	Little Uwharrie River near Flint Hill	Randolph County, lat 35°45'50", long 80°00'13", at bridge 1 mile above mouth, 5 miles southwest of Flint Hill.	42.9	1.2	.48	.070	.058	.006	.004	.02	.07	.21	.32
2A1233.52	Caraway Creek near Asheboro	Randolph County, lat 35°43'42", long 79°56'14", at bridge on U. S. Highway 64, 1½ miles below Little Carraway Creek, 7 miles west of Asheboro.	38.8	1.2	.57	.12	.096	.006	.003	.02	.08	.25	.39
2A1233.99	Caraway Creek near Farmer	Randolph County, lat 35°40'14", long 79°56'57", at bridge on State Highway 49, 1 mile above Taylors Creek, 2 miles northeast of Farmer.	79.3	1.2	.55	.10	.080	.004	.002	.02	.07	.23	.37
2A1234.22	Toms Creek at Farmer....	Randolph County, lat 35°38'25", long 79°58'46", at bridge 1 mile south of Farmer, 1¾ miles above mouth.	16.5	.8	.28	.032	.026	.002	.001	.01	.06	.16	....
2A1234.79	Hogpen Branch near Uwharrie	Montgomery County, lat 35°25'58", long 79°59'47", at bridge 0.4 mile above mouth, 1.3 miles north of Uwharrie.	.58	1.2	.54	.082	.075	.008	.003	.02	.08	.22	.35

Table 12.—Streamflow characteristics at base-flow observation points—Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	YADKIN - PEE DEE RIVER BASIN--Continued												
2A1235.66	Cedar Creek near Uwharrie	Montgomery County, lat 35°23'39", long 80°00'54", at bridge 0.4 mile above mouth, 1.6 miles south of Uwharrie.	5.32	1.4	0.88	0.24	0.22	0.049	0.025	0.07	0.16	0.37	0.53
2A1235.99	Mountain Creek near Albemarle	Stanly County, lat 35°21'48", long 80°06'57", at bridge 0.2 mile above Little Mountain Creek, 4¾ miles east of Albemarle.	12.8	1.2	.84	.33	.31	.11	.068	.12	.24	.47	.63
2A1236.32	Little Mountain Creek near Albemarle	Stanly County, lat 35°22'08", long 80°06'40", at bridge ¾ mile above mouth, 5⅓ miles northeast of Albemarle.	10.1	1.2	.80	.25	.25	.15	.12	.17	.24	.39	.52
2A1237.72	Clarks Creek near Mount Gilead	Montgomery County, lat 35°14'08", long 80°01'21", at bridge 1¾ miles northwest of Mount Gilead, 3⅓ miles above mouth.	22.0	1.4	.75	.15	.13	.021	.011	.04	.10	.28	.44
2A1239.17	West Branch Rocky River near Cornelius	Mecklenburg County, lat 35°28'15", long 80°47'31", at bridge 1⅓ miles above mouth, 4 miles east of Cornelius.	14.2	1.2	.72	.22	.20	.088	.067	.10	.18	.36	.49
2A1239.53	Rocky River near Caldwell	Cabarrus County, lat 35°27'18", long 80°45'43", at bridge 0.7 mile below West Branch, 4⅜ miles east of Caldwell.	39.8	1.2	.88	.32	.28	.14	.11	.14	.24	.42	.58
2A1240.91	Clarke Creek at Pleasant Grove	Cabarrus County, lat 35°23'12", long 80°43'46", at bridge 0.2 mile above mouth, ¾ mile northeast of Pleasant Grove.	28.1	1.0	.50	.14	.13	.049	.036	.07	.13	.28	.39
2A1241.46	Mallard Creek near Newell	Mecklenburg County, lat 35°19'12", long 80°43'55", at bridge ¼ mile below Toby Creek, 2.8 miles north of Newell.	26.4	1.3	.44	.054	.045	.012	.008	.03	.07	.19	....
2A1241.83	Rocky River at Harrisburg	Cabarrus County, lat 35°19'57", long 80°37'42", at bridge on U. S. Highway 29A, 1.8 miles northeast of Harrisburg, 3.9 miles below Mallard Creek.	136	1.3	.70	.19	.16	.050	.040	.07	.14	.31	.45
2A1243.34	Rocky River near Rocky River	Cabarrus County, lat 35°19'27", long 80°33'40", at bridge 1⅓ miles above Irish Buffalo Creek, 2⅓ miles northeast of Rocky River.	276	1.3	.70	.20	.16	.065	.048	.08	.15	.33	.47
2A1243.81	Threemile Branch near Kannapolis	Cabarrus County, lat 35°26'26", long 80°35'30", at bridge 3 miles southeast of Kannapolis, 4.4 miles above mouth.	3.11	1.4	.72	.18	.15	.057	.042	.07	.14	.31	.44

2A1245.48	Adams Creek at Mount Pleasant	Cabarrus County, lat 35°23'13", long 80°26'17", at bridge $\frac{3}{4}$ mile above mouth, $\frac{3}{4}$ mile south of Mount Pleasant.	14.6	1.3	.59	.12	.10	.034	.022	.05	.11	.25	.37
2A1246.44	Rocky River near Midland	Cabarrus County, lat 35°15', long 80°28', at bridge on State Highway 27, $1\frac{1}{4}$ miles below Dutch Buffalo Creek, $2\frac{1}{2}$ miles northeast of Midland.	532	1.3	.63	.19	.16	.067	.048	.08	.16	.31	.45
2A1246.92	Goose Creek at Fairview	Union County, lat 35°09'14", long 80°32'09", at bridge on State Highway 151, 1 mile north of Fairview, 2 miles above Duck Creek.	23.0	1.2	.48	.082	.063	.010	.005	.02	.08	.22	.31
2A1247.18	Duck Creek at Brief.....	Union County, lat 35°10'52", long 80°32'28", at bridge on State Highway 151, 0.7 mile southwest of Brief, 1.8 miles above mouth.	12.3	1.2	.33	.026	.020	.004	.002	.01	.05	.14	....
2A1248.37	Long Creek near Plyler..	Stanly County, lat 35°22'51", long 80°14'48", at bridge 1 mile above Long Lake, $2\frac{1}{4}$ miles east of Plyler.	27.2	1.2	.64	.12	.10	.014	.006	.03	.10	.26	.40
2A1248.61	Little Long Creek at Albemarle	Stanly County, lat 35°21'39", long 80°12'15", at bridge at Albemarle, 2 miles above mouth.	20.2	1.2	.75	.19	.16	.035	.015	.022	.13	.31	.46
2A1251.81	Richardson Creek at Monroe	Union County, lat 34°58', long 80°31', at bridge $2\frac{1}{2}$ miles southeast of Monroe.	33.5	1.2	.32	.026	.020	.005	.003	.01	.05	.14	....
2A1259.06	Lanes Creek near Polkton	Anson County, lat 35°02', long 80°14', at bridge on State Highway 218, 2 miles northwest of Polkton, 13 miles above mouth.	110	1.2	.33	.030	.024	.006	.003	.02	.05	.15	....
2A1280.44	Bridgers Creek near Candor	Montgomery County, lat 35°17'55", long 79°46'10", $1\frac{1}{2}$ miles west of Candor, $5\frac{1}{2}$ miles above mouth.	.91	1.7	1.0	.26	.24	.054	.028	.07	.17	.38	.56
2A1280.91	Thickety Creek near Mount Gilead	Montgomery County, lat 35°13'42", long 79°54'02", at culvert 1.1 miles above mouth, 5.3 miles east of Mount Gilead.	9.50	1.4	.80	.18	.16	.030	.016	.05	.12	.31	.46
2A1323.09	Jordan Creek near Laurinburg	Scotland County, lat 34°48'28", long 79°24'32", at bridge 0.8 mile below Juniper Creek, 3.9 miles northeast of Laurinburg.	51.6	1.3	.74	.22	.19	.080	.058	.09	.18	.38	.54
2A1329.80	Naked Creek near Hoffman	Richmond County, lat 35°04'55", long 79°35'22", at bridge 0.7 mile above mouth, 4.2 miles northwest of Hoffman.	38.2	1.7	1.2	.54	.48	.25	.20	.25	.36	.61	.82
	CATAWBA - SANTEE RIVER BASIN												
2A1375.34	Crooked Creek near Old Fort	McDowell County, lat 35°39', long 82°07', at bridge $\frac{1}{4}$ mile above mouth, $4\frac{1}{4}$ miles northeast of Old Fort.	35.0	2.0	1.5	.74	.64	.40	.34	.40	.52	.75	.95
2A1377.44	Buck Creek above Lake Tahoma near Garden City	McDowell County, lat 35°44', long 82°05', at bridge on State Highway 80, 1 mile above Lake Tahoma, $3\frac{1}{4}$ miles northwest of Garden City.	15.2	2.5	1.7	.74	.63	.34	.28	.34	.47	.70	.91
2A1377.79	Little Buck Creek at Lake Tahoma near Garden City	McDowell County, lat 35°44', long 82°05', at bridge $\frac{1}{4}$ mile above mouth, $2\frac{1}{2}$ miles northwest of Garden City.	6.24	2.5	1.7	.64	.53	.28	.22	.27	.40	.65	.87
2A1378.84	Nicks Creek near Marion	McDowell County, lat 35°41', long 82°03', at bridge $\frac{1}{4}$ mile above mouth, 2 miles west of Marion.	5.30	2.0	1.6	.92	.83	.57	.50	.57	.68	.94	1.15

690-432 O—63——14

Table 12.—Streamflow characteristics at base-flow observation points—Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	CATAWBA - SANTEE RIVER BASIN--Continued												
2A1379.19	Tom Creek tributary near Marion	McDowell County, lat 35°44', long 82°03', at bridge 2¾ miles above mouth, 4½ miles northwest of Marion.	2.00	2.4	1.6	0.58	0.47	0.24	0.19	0.24	0.35	0.60	0.77
2A1380.70	Armstrong Creek at Sevier	McDowell County, lat 35°38', long 82°01', at bridge ¼ mile above mouth, 1 mile southwest of Sevier.	29.7	2.6	1.6	.56	.48	.22	.18	.22	.35	.60	.80
2A1381.54	Corpening Creek above sewage effluent outfall near Marion	McDowell County, lat 35°40', long 81°59', 2 miles east of Marion, 2¾ miles above mouth.	5.80	1.4	1.0	.55	.48	.26	.21	.26	.40	.63	.79
2A1381.72	North Muddy Creek near Glenwood	McDowell County, lat 35°39', long 81°56', at bridge ¼ mile below Corpening Creek, 3¼ miles northeast of Glenwood.	33.8	1.4	1.0	.51	.44	.27	.23	.27	.39	.60	.76
2A1383.59	Paddy Creek near Bridgewater	Burke County, lat 35°45'57", long 81°54'19", at bridge on State Highway 126, 1½ miles above mouth, 4½ miles northwest of Bridgewater.	5.46	2.6	1.4	.33	.27	.11	.078	.12	.22	.40	.56
2A1384.54	Mill Timber Creek tributary above sewage effluent outfall at Crossnore	Avery County, lat 36°01'09", long 81°55'28", at culvert at Crossnore, 0.1 mile above mouth.	1.08	2.7	1.8	.83	.72	.41	.34	.41	.55	.81	1.00
2A1390.41	Canoe Creek near Oak Hill	Burke County, lat 35°45'49", long 81°45'53", at bridge 1¼ miles southwest of Oak Hill, 3¾ miles above mouth.	12.5	1.7	1.2	.58	.51	.30	.24	.31	.42	.64	.82
2A1392.28	Bailey Fork near Morganton	Burke County, lat 35°43'10", long 81°43'29", at bridge ⅛ mile above mouth, 1¾ miles southwest of Morganton.	7.54	1.8	1.3	.70	.64	.46	.40	.45	.57	.77	.92
2A1392.56	Silver Creek at Morganton[b]	Burke County, lat 35°44'09", long 81°42'45", at bridge on U. S. Highway 70, ½ mile above mouth, 1 mile west of Morganton.	62.2	1.8	1.3	.61	.54	.32	.26	.31	.45	.67	.84
2A1396.01	Hunting Creek near Chambers	Burke County, lat 35°42'21", long 81°40'43", at bridge 1¼ miles northeast of Chambers, 3¾ miles above East Prong.	4.68	1.8	1.3	.62	.53	.29	.27	.33	.45	.67	.85
2A1399.51	Johns River at Globe....	Caldwell County, lat 36°02'27", long 81°42'28", at bridge ½ mile south of Globe, 0.1 mile below Anthony Creek.	33.9	2.3	1.5	.59	.54	.28	.22	.29	.42	.65	.85

[b]Discharge corrected for 2 cfs diversion into basin above station.

2A1402.51	Mulberry Creek near Collettsville	Caldwell County, lat 35°55'43", long 81°39'36", at bridge 1 mile northeast of Collettsville, 1 mile above mouth.	39.5	1.5	1.0	.43	.40	.21	.17	.22	.33	.53	.70
2A1412.29	Husband Creek near Gamewell	Caldwell County, lat 35°52'54", long 81°37'09", at bridge 1¼ miles northwest of Gamewell, 1½ miles above Celia Creek.	5.77	1.4	1.0	.51	.48	.29	.24	.31	.41	.62	.79
2A1412.59	Bristol Creek near Chesterfield	Burke County, lat 35°48'56", long 81°39'18", at bridge on State Highway 18, ¾ mile above mouth, 1 mile northeast of Chesterfield.	9.25	1.6	1.1	.54	.48	.25	.20	.25	.37	.60	.77
2A1413.64	Dye Branch at North Prayley Street at Valdese	Burke County, lat 35°44'27", long 81°34'00", at culvert on North Prayley Street, at Valdese, 0.3 mile above Southern Railway.	0.22	1.8	1.0	.31	.27	.14	.11	.15	.24	.41	.56
2A1416.33	Gunpowder Creek at Whitnel	Caldwell County, lat 35°53'02", long 81°31'37", at Carolina and Northwestern Railroad bridge, at Whitnel.	0.29	1.4	.89	.35	.32	.16	.13	.17	.27	.46	.63
2A1416.66	Gunpowder Creek near Hudson	Caldwell County, lat 35°51', long 81°29', at bridge 1 mile northeast of Hudson, 6½ miles above Little Gunpowder Creek.	11.2	1.4	1.0	.54	.51	.32	.27	.33	.45	.65	.79
2A1416.99	Little Gunpowder Creek at Saw Mills	Caldwell County, lat 35°50', long 81°29', at bridge on U. S. Highway 321A, ¼ mile below Carolina and Northwestern Railway, 1¼ miles northwest of Saw Mills.	5.23	1.4	1.0	.50	.47	.28	.24	.28	.39	.58	.76
2A1417.33	Billy Branch above sewage effluent outfall at Granite Falls	Caldwell County, lat 35°48', long 81°25', ¼ mile above mouth, ¾ mile northeast of Granite Falls.	1.50	1.4	.93	.39	.36	.19	.15	.21	.31	.48	.65
2A1421.66	Stirewalt Creek below old sewage plant at Taylorsville	Alexander County, lat 35°55', long 81°10', at old sewage plant, ½ mile south of Taylorsville.	0.5	1.4	.92	.38	.36	.18	.14	.19	.30	.50	.66
2A1423.80	Glade Creek at Millersville	Alexander County, lat 35°51', long 81°11', ¼ mile above mouth, ¼ mile east of Millersville.	12.6	1.4	1.0	.59	.57	.38	.33	.37	.50	.66	.77
2A1425.42	Barr Creek near Mooresville	Iredell County, lat 35°37', long 80°54', at bridge 2 miles above mouth, 5 miles northwest of Mooresville.	9.09	1.1	.70	.35	.33	.19	.16	.22	.31	.47	.61
2A1425.64	South Fork Mountain Creek near Catawba	Catawba County, lat 35°36', long 81°04', at bridge 1¾ miles above mouth, 7 miles south of Catawba.	7.20	1.4	.97	.35	.32	.14	.11	.16	.27	.45	.63
2A1425.76	North Fork Mountain Creek near Catawba	Catawba County, lat 35°37', long 81°03', at bridge 1 mile above South Fork, 6 miles south of Catawba.	8.05	1.4	1.1	.50	.47	.26	.21	.27	.38	.59	.78
2A1426.06	Little Creek near Denver	Lincoln County, lat 35°33', long 80°59', at bridge 2 miles above mouth, 2¾ miles northeast of Denver.	3.76	1.1	.74	.20	.19	.071	.052	.09	.16	.34	.48
2A1426.18	Border Creek near Triangle	Lincoln County, lat 35°29'25", long 80°57'13", at bridge on State Highway 73, 0.5 mile above mouth, 2.7 miles east of Triangle.	5.44	1.1	.61	.09	.079	.018	.012	.03	.09	.23	.35
2A1426.24	Davidson Creek near Mount Mourne	Iredell County, lat 35°32', long 80°54', at bridge 1 mile above county line, 3 miles southwest of Mount Mourne.	21.6	1.0	.68	.21	.19	.083	.066	.10	.18	.35	.48

Table 12.—Streamflow characteristics at base-flow observation points—Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	CATAWBA - SANTEE RIVER BASIN--Continued												
2A1426.44	Ramsey Creek near Caldwell	Mecklenburg County, lat 35°26'46", long 80°55'37", at bridge 1.6 miles above mouth, 5.5 miles west of Caldwell.	5.28	1.0	0.60	0.13	0.12	0.039	0.028	0.06	0.12	0.27	0.38
2A1426.54	McDowell Creek near Huntersville	Mecklenburg County, lat 35°24'26", long 80°53'26", at bridge 0.2 mile above Torrence Creek, 2.7 miles west of Huntersville.	10.1	1.0	.54	.16	.15	.068	.050	.08	.15	.29	.42
2A1426.60	McDowell Creek near Charlotte	Mecklenburg County, lat 35°23'22", long 80°55'16", at bridge on Beatty Ford Road, 2.1 miles below Torrence Creek, 11¼ miles north of Charlotte.	26.3	1.0	.50	.14	.12	.050	.036	.07	.13	.27	.37
2A1426.84	Leepers Creek near Lincolnton	Lincoln County, lat 35°30'00", long 81°08'50", at bridge 1¼ miles above Lick Run, 6¼ miles northeast of Lincolnton.	19.3	1.3	.94	.36	.34	.16	.12	.17	.27	.45	.61
2A1426.90	Leepers Creek near Lowesville	Lincoln County, lat 35°24'50", long 81°03'40", at bridge 2.8 miles west of Lowesville, 3 miles above mouth.	53	1.2	.84	.28	.25	.10	.08	.15	.21	.38	.55
2A1426.94	Killian Creek near Triangle	Lincoln County, lat 35°29'30", long 81°01'40", at bridge 1⅓ miles above Snyder Creek, 2¼ miles northwest of Triangle.	7.60	1.1	.71	.22	.20	.081	.060	.10	.18	.36	.50
2A1426.99	Wingate Creek near Triangle	Lincoln County, lat 35°29'30", long 80°04'30", at bridge ⅛ mile above Ballard Creek, 4⅛ miles west of Triangle.	7.47	1.1	.72	.19	.17	.059	.042	.08	.15	.32	.46
2A1427.04	Ballard Creek near Triangle	Lincoln County, lat 35°29'30", long 80°05'00", at bridge 1 mile above mouth, 4¾ miles west of Triangle.	5.89	1.1	.78	.33	.31	.16	.12	.17	.27	.45	.60
2A1427.10	Killian Creek near Lowesville	Lincoln County, lat 35°25'00", long 81°01'40", at bridge on State Highway 273, 1 mile west of Lowesville, 2⅓ miles above mouth.	47.2	1.1	.73	.20	.18	.066	.048	.09	.16	.33	.47
2A1427.60	Stanley Creek near Mount Holly	Gaston County, lat 35°20'20", long 81°01'20", at bridge ⅛ mile above mouth, 3.0 miles north of Mount Holly.	9.94	1.1	.66	.19	.16	.060	.043	.08	.15	.32	.45
2A1427.72	South Stanley Creek near Mount Holly	Gaston County, lat 35°19'10", long 80°01'50", at bridge ⅛ mile above mouth, 2.0 miles north-northwest of Mount Holly.	4.42	1.2	.64	.15	.13	.041	.028	.06	.13	.29	.42

2A1429.04	Gum Branch near Thrift..	Mecklenburg County, lat 35°17'57", long 80°56'48", at bridge 0.6 mile above mouth, 1.7 miles north-northwest of Thrift.	5.39	1.3	.55	.090	.075	.022	.014	.04	.09	.22	.33
2A1429.61	Paw Creek near Charlotte	Mecklenburg County, lat 35°13'57", long 80°58'57", at bridge on Dowd Road, 0.4 mile below Tiger Branch, 4⅓ miles east of Charlotte.	13.6	1.2	.59	.088	.072	.017	.011	.03	.09	.23	.34
2A1429.94	Laurel Creek near Abee..	Burke County, lat 35°40'28", long 81°32'23", at bridge 0.2 mile above mouth, 2.1 miles south of Abee.	11.2	1.8	1.2	.56	.50	.31	.27	.32	.43	.63	.80
2A1430.06	Longview Creek above Longview sewage effluent outfall at Longview	Catawba County, lat 35°43', long 81°22', 1¼ miles southeast of Longview, 1⅓ miles above mouth.	0.84	1.8	1.4	.67	.64	.38	.32	.38	.50	.73	.91
2A1430.76	Pott Creek near Lincolnton	Lincoln County, lat 35°32', long 81°18', at bridge ½ mile above mouth, 4½ miles north of Lincolnton.	27.4	1.3	1.0	.47	.44	.24	.20	.26	.37	.57	.72
2A1434.51	Lick Fork near Cherryville	Gaston County, lat 35°24'20", long 81°22'50", at bridge 1⅓ miles above mouth, 1¾ miles north of Cherryville.	2.90	1.3	1.0	.47	.44	.24	.20	.26	.37	.57	.72
2A1434.71	Lick Fork above County Line near Cherryville	Gaston County, lat 35°25'00", long 81°22'30", at bridge ¼ mile above county line, ⅓ mile above mouth, 2½ miles north of Cherryville.	5.05	1.3	.96	.49	.46	.29	.25	.31	.42	.60	.76
2A1435.31	Beaverdam Creek near Cherryville	Gaston County, lat 35°22'40", long 81°20'30", at bridge on State Highway 277, 2¾ miles east of Cherryville, 4 miles above Little Beaverdam Creek.	3.32	1.3	.96	.48	.46	.29	.25	.30	.40	.60	.76
2A1435.41	Beaverdam Creek above Little Beaverdam Creek near Cherryville	Gaston County, lat 35°23'20, long 81°18'00", 1 mile above Little Beaverdam Creek, 4¾ miles east of Cherryville.	8.90	1.3	.95	.36	.33	.16	.13	.17	.27	.47	.64
2A1435.46	Little Beaverdam Creek near Cherryville	Gaston County, lat 35°22'40", long 81°17'40", at bridge ¾ mile above mouth, 4¾ miles east of Cherryville.	5.56	1.3	.87	.26	.23	.095	.072	.11	.20	.38	.54
2A1435.60	Beaverdam Creek near Crouse	Gaston County, lat 35°23'50", long 81°16'00", at bridge 2¾ miles above mouth, 2¾ miles southeast of Crouse.	21	1.3	.92	.32	.30	.14	.10	.15	.24	.42	.58
2A1436.41	Sulphur Branch at High Shoals	Gaston County, lat 35°23'50", long 81°12'20", 1,000 feet above mouth, ½ mile southwest of High Shoals.	4.12	1.2	.66	.12	.11	.034	.023	.05	.12	.26	.38
2A1437.60	Hoyle Creek near Alexis	Gaston County, lat 35°22'10", long 81°08'50", at bridge 1 mile above Little Hoyle Creek, 2⅓ miles southwest of Alexis.	17	1.2	.86	.37	.33	.17	.13	.18	.28	.46	.64
2A1437.81	Little Hoyle Creek near Alexis	Gaston County, lat 35°22'00", long 81°08'00", at bridge ¾ mile above mouth, 2½ miles southwest of Alexis.	3.29	1.2	.87	.40	.36	.19	.16	.21	.31	.52	.67
2A1438.66	Mauney Creek near Spencer Mountain	Gaston County, lat 35°20'40", long 81°07'40", at bridge ⅓ mile above mouth, 2¾ miles north of Spencer Mountain.	5.18	1.2	.72	.31	.28	.16	.12	.17	.26	.43	.58
2A1439.29	Lineberger Creek near Stanley	Gaston County, lat 35°19'00", long 81°07'00", at mouth 3¼ miles south of Stanley.	1.87	1.3	.70	.16	.13	.042	.028	.06	.13	.29	.42

Table 12.—Streamflow characteristics at base-flow observation points—Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	CATAWBA - SANTEE RIVER BASIN--Continued												
2A1439.86	Long Creek near Sunnyside	Gaston County, lat 35°19'20", long 81°17'10", at bridge 1¼ miles east of Sunnyside, 12 miles above mouth.	16.7	1.2	0.86	0.39	0.36	0.19	0.15	0.21	0.31	0.51	0.66
2A1446.80	Little Long Creek at Dallas	Gaston County, lat 35°19'20", long 81°09'50", at bridge on State Highway 275, ¾ mile northeast of Dallas, 2⅛ miles above mouth.	6.9	1.2	.70	.19	.17	.060	.043	.08	.15	.33	.46
2A1455.00	Catawba Creek at Gastonia	Gaston County, lat 35°14'25", long 81°10'50", 1⅛ miles above Anthony Creek, 1⅛ miles south of Gastonia.	2.77	1.3	.90	.35	.32	.17	.14	.18	.28	.48	.63
2A1455.62	Abernathy Creek at Mountain View	Gaston County, lat 35°15'20", long 81°16'10", at culvert on U. S. Highway 29, at Mountain View, 0.1 mile above mouth.	7.18	1.2	.93	.44	.42	.25	.21	.26	.37	.56	.71
2A1455.68	Crowders Creek near Bessemer City	Gaston County, lat 35°15'10", long 81°15'20", at bridge 1 mile below Abernathy Creek, 2¾ miles southeast of Bessemer City.	16.5	1.3	.92	.48	.44	.27	.23	.28	.39	.58	.74
2A1462.30	Irwin Creek at Charlotte	Mecklenburg County, lat 35°15'35", long 80°50'25", at bridge 0.2 mile below U. S. Highway 21 in Charlotte, 3.1 miles above mouth.	9.26	1.3	.53	.11	.088	.025	.016	.04	.10	.24	.34
2A1462.61	Stewart Creek near Charlotte	Mecklenburg County, lat 35°16'33", long 82°52'01", at bridge 2 miles above State Highway 16 at Charlotte, 4.1 miles above mouth.	2.65	1.3	.59	.14	.12	.041	.028	.06	.12	.27	.38
2A1463.00	Sugar Creek (Irwin Creek) at Charlotte	Mecklenburg County, lat 35°11'51", long 80°54'19", above sewage treatment plant at Charlotte, 0.7 mile above Taggard Branch.	30.5	1.3	.84	.38	.34	.18	.14	.19	.29	.48	.64
2A1463.08	Taggart Creek near Charlotte	Mecklenburg County, lat 35°12'56", long 80°55'24", at bridge 1.9 miles above mouth, 4.6 miles west of Charlotte.	4.18	1.3	.61	.14	.12	.043	.028	.06	.12	.28	.40
2A1463.48	Coffey Creek near Charlotte	Mecklenburg County, lat 35°08'43", long 80°55'37", at bridge on State Highway 49, 1.2 miles above mouth, 7.5 miles southwest of Charlotte.	9.19	1.3	.48	.08	.067	.019	.012	.03	.09	.21	.32
2A1463.64	Kings Branch near Charlotte	Mecklenburg County, lat 35°08'12", long 80°53'11", at bridge 2.0 miles above mouth, 7.4 miles south of Charlotte.	2.63	1.3	.61	.15	.13	.047	.039	.06	.13	.29	.41

2A1464.04	Little Sugar Creek at Creasote Road at Charlotte	Mecklenburg County, lat 35°15'02", long 80°48'26", at bridge on Creasote Road at Charlotte, 7.5 miles above Brier Creek.	3.32	1.3	.72	.21	.18	.056	.036	.07	.14	.33	.47
2A1464.30	Brier Creek at Charlotte	Mecklenburg County, lat 35°14'05", long 80°46'19", at bridge 0.5 mile below Norfolk Southern Railway, 4.2 miles east of Charlotte.	5.90	1.3	.70	.21	.16	.041	.024	.06	.14	.31	.47
2A1464.61	Brier Creek near Charlotte	Mecklenburg County, lat 35°09'30", long 80°50'56", at bridge 0.2 mile above mouth, 4.9 miles south of Charlotte.	21.4	1.3	.71	.23	.19	.068	.046	.08	.16	.35	.49
2A1465.66	McAlpine Creek at U. S. Highway 74 near Matthews	Mecklenburg County, lat 35°09'35", long 80°44'10", at bridge on U. S. Highway 74, 0.7 mile above Irvins Creek, 2.9 miles north of Matthews.	16.2	1.3	.52	.090	.076	.026	.017	.04	.09	.22	.33
2A1465.92	McAlpine Creek near Matthews	Mecklenburg County, lat 35°08'53", long 80°44'44", at bridge 0.2 mile below Irvins Creek, 2½ miles north of Matthews.	32.5	1.3	.59	.12	.10	.040	.028	.05	.12	.26	.37
2A1466.36	McAlpine Creek near Charlotte	Mecklenburg County, lat 35°05'50", long 80°49'20", at bridge 2¾ miles above Fourmile Creek, 9 miles south of Charlotte.	49.6	1.3	.56	.13	.11	.042	.030	.06	.12	.26	.38
2A1466.74	Fourmile Creek near Pineville	Mecklenburg County, lat 35°04'30", long 80°49'20", at bridge 1 mile above mouth, 4 miles east of Pineville.	17.5	1.2	.45	.072	.057	.011	.006	.02	.07	.20	.40
2A1467.34	McMullen Creek near Pineville	Mecklenburg County, lat 35°05'10", long 80°51'20", at bridge 1¾ miles above mouth, 2 miles east of Pineville.	13.6	1.2	.48	.082	.062	.013	.007	.03	.08	.21	.32
2A1468.58	Sixmile Creek near Pineville	Mecklenburg County, lat 35°00'40", long 80°49'40", at bridge 2 miles below Flat Branch, 6¼ miles southeast of Pineville.	20.7	1.3	.39	.038	.028	.004	.002	.01	.06	.16	....
2A1471.26	Waxhaw Creek near Waxhaw	Union County, lat 34°50', long 80°47', at bridge 6 miles above mouth, 6½ miles south of Waxhaw.	37.4	1.3	.19	.005	.003	.....	0	.01	.03	....	....
2A1490.62	Knob Creek near Lake Lure	Rutherford County, lat 35°25'21", long 82°04'34", at bridge on U. S. Highway 64, 2¼ miles above mouth, 6½ miles east of Lake Lure.	4.22	1.5	1.3	.83	.77	.57	.52	.57	.70	.89	1.1
2A1493.71	Cleghorn Creek near Rutherfordton	Rutherford County, lat 35°19', long 81°59', at bridge 1½ miles above mouth, 3½ miles south of Rutherfordton.	13.2	1.3	1.1	.72	.66	.49	.44	.50	.60	.80	.98
2A1498.61	Walnut Creek near Rock Springs	Polk County, lat 35°22'29", long 82°07'52", at bridge 1½ miles south of Rock Springs, 3 miles above mouth.	12.3	1.7	1.3	.72	.65	.42	.36	.42	.54	.76	.96
2A1501.18	McKinney Creek near Harris	Rutherford County, lat 35°11'56", long 81°54'02", at bridge 1½ miles above mouth, 3½ miles south of Harris.	7.38	1.3	1.1	.70	.64	.46	.42	.46	.58	.78	.96
2A1501.57	Richardson Creek near Harris	Rutherford County, lat 35°14'10", long 81°52'40", at bridge ½ mile south of Harris, 2¼ miles above mouth.	8.47	1.3	.99	.52	.46	.28	.24	.29	.39	.61	.73
2A1502.60	Floyds Creek near Cliffside	Rutherford County, lat 35°13'05", long 81°50'56", at bridge 1¼ miles above mouth, 5 miles southeast of Cliffside.	27.6	1.2	.94	.43	.40	.22	.18	.23	.34	.54	.71

Table 12.—Streamflow characteristics at base-flow observation points--Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	CATAWBA - SANTEE RIVER BASIN--Continued												
2A1504.20	Camp Creek near Rutherfordton	Rutherford County, lat 35°28', long 81°54', at bridge 1 mile above Little Camp Creek, 7 miles northeast of Rutherfordton.	13.1	1.3	0.96	0.48	0.42	0.26	0.22	0.27	0.36	0.57	0.74
2A1504.61	Cane Creek near Westminster	Rutherford County, lat 35°27', long 81°53', at bridge ½ mile southeast of Westminster, 1½ miles above mouth.	24.8	1.3	.98	.50	.44	.27	.23	.26	.38	.58	.75
2A1505.61	Catheys Creek near Union Mills	Rutherford County, lat 35°28', long 81°59', at bridge on U. S. Highway 221, ¾ mile above Southern Railway, 2 miles south of Union Mills.	15.0	1.3	1.0	.59	.53	.36	.31	.34	.47	.66	.83
2A1506.21	Catheys Creek near Ruth	Rutherford County, lat 35°24', long 81°56', at bridge on U. S. Highway 64, 1½ miles northeast of Ruth, 3 miles above Hollands Creek.	29.4	1.3	1.0	.57	.51	.34	.30	.33	.47	.66	.81
2A1506.81	Robinson Creek near Bostic	Rutherford County, lat 35°22', long 81°51', at bridge ½ mile above mouth, ¾ mile west of Bostic.	27.1	1.4	1.1	.60	.54	.35	.30	.36	.47	.67	.86
2A1507.83	Puzzle Creek near Bostic	Rutherford County, lat 35°21', long 81°50', at bridge ¼ mile below Seaboard Airline Railroad, ½ mile east of Bostic.	9.14	1.4	1.0	.56	.51	.34	.29	.34	.46	.65	.82
2A1508.69	Webbs Creek near Forest City	Rutherford County, lat 35°19', long 81°48', at bridge 1 mile above mouth, 3 miles southeast of Forest City.	9.30	1.4	1.1	.55	.48	.30	.26	.31	.41	.61	.77
2A1509.56	Hill Creek at Cliffside	Rutherford County, lat 35°15', long 81°46', at bridge above mouth, 1 mile north of Cliffside.	7.13	1.4	1.1	.62	.55	.36	.31	.37	.48	.68	.86
2A1517.24	Sandy Run Creek near Mooresboro	Cleveland County, lat 35°18'33", long 81°41'22", at bridge ½ mile below Seaboard Airline Railroad, 1 mile northeast of Mooresboro.	39.5	1.4	1.1	.51	.48	.27	.23	.28	.39	.60	.78
2A1520.51	North Fork Sally Queen Creek near Sunshine	Rutherford County, lat 35°32', long 81°47', at bridge ½ mile above mouth, 6¼ miles northeast of Sunshine.	12.8	1.4	1.1	.66	.61	.42	.36	.43	.54	.76	.92
2A1521.53	Wards Creek near Casar..	Cleveland County, lat 35°29'55", long 81°38'43", at bridge 2 miles southwest of Casar, 2½ miles above mouth.	14.4	1.5	1.2	.68	.65	.44	.38	.43	.56	.78	.94
2A1522.06	Duncans Creek near Polkville	Cleveland County, lat 35°27'45", long 81°40'20", at bridge on State Highway 26, ¾ mile above mouth, 3½ miles north of Polkville.	19.7	1.4	1.1	.59	.56	.34	.29	.34	.46	.68	.84

2A1522.59	Hinton Creek at Hollis..	Rutherford County, lat 35°25'56", long 81°44'01", at bridge $\frac{1}{4}$ mile below Taylor Branch, $\frac{1}{4}$ mile south of Hollis.	5.08	1.4	1.1	.67	.61	.42	.37	.42	.52	.76	.92
2A1523.12	Grassy Branch near Lawndale	Cleveland County, lat 35°25'52", long 81°35'22", at bridge $\frac{3}{4}$ mile above mouth, 2 miles northwest of Lawndale.	4.41	1.4	1.2	.63	.60	.38	.33	.39	.51	.72	.90
2A1523.66	Crooked Run Creek near Lawndale	Cleveland County, lat 35°26'40", long 81°34'35", at bridge $\frac{1}{2}$ mile above mouth, 2 miles north of Lawndale.	6.84	1.4	1.1	.62	.58	.37	.32	.37	.48	.71	.88
2A1524.46	Knob Creek near Lawndale	Cleveland County, lat 35°26'53", long 81°34'10", at bridge $2\frac{1}{2}$ miles north of Lawndale, 2.5 miles above mouth.	33.3	1.4	1.1	.62	.60	.38	.32	.38	.49	.72	.89
2A1524.72	Maple Creek near Lawndale	Cleveland County, lat 35°25'35", long 81°32'52", at bridge $\frac{3}{4}$ mile above mouth, $1\frac{1}{4}$ miles northeast of Lawndale.	7.51	1.4	1.1	.54	.50	.30	.25	.31	.42	.63	.80
2A1525.16	Big Harris Creek near Lawndale	Cleveland County, lat 35°24'08", long 81°34'20", at bridge $\frac{1}{2}$ mile south of Lawndale, 2 miles above Little Harris Creek.	5.48	1.4	1.2	.68	.65	.43	.37	.43	.55	.77	.94
2A1525.81	Brushy Creek at U. S. Highway 74 near Shelby	Cleveland County, lat 35°19'08", long 81°34'45", at bridge on U. S. Highway 74, 0.7 mile west of Shelby, 1 mile above mouth.	27.5	1.4	1.1	.53	.50	.28	.24	.29	.40	.61	.77
2A1533.28	Pilot Branch at Oak Grove	Cleveland County, lat 35°16'00", long 81°25'30", at bridge $\frac{1}{2}$ mile south of Oak Grove, 2 miles above mouth.	9.56	1.3	1.0	.54	.51	.31	.26	.32	.44	.64	.81
	NEW - KANAWHA RIVER BASIN												
3A1602.71	South Fork New River at U. S. Highway 421 near Boone	Watauga County, lat 36°13'14", long 81°38'25", at bridge on U. S. Highway 421, 2.0 miles east of Boone.	34.6	2.4	1.7	.83	.77	.42	.34	.41	.56	.82	1.04
3A1610.46	Roan Creek near Jefferson	Ashe County, lat 36°25', long 81°24', at mouth, 4 miles east of Jefferson.	7.3	2.3	1.7	.84	.82	.54	.48	.54	.67	.90	1.10
3A1611.36	Piney Fork near Laurel Springs	Alleghany County, lat 36°25', long 81°16', at bridge 1 mile northeast of Laurel Springs, $1\frac{1}{4}$ miles above mouth.	6.2	2.4	1.9	1.2	1.2	.87	.78	.82	.98	1.3	1.5
3A1612.71	Cranberry Creek near Laurel Springs	Alleghany County, lat 36°25', long 81°18', at bridge on State Highway 88, 1 mile west of Laurel Springs, $1\frac{1}{4}$ miles below Piney Fork.	22	2.4	1.9	1.1	1.0	.75	.66	.72	.88	1.1	1.3
3A1617.89	Three Top Creek near Creston	Ashe County, lat 36°24', long 81°37', at bridge $\frac{1}{4}$ mile above Long Hope Creek, $1\frac{3}{4}$ miles south of Creston.	15.6	2.2	1.6	.81	.80	.53	.47	.52	.66	.89	1.1
3A1618.37	Long Hope Creek near Creston	Ashe County, lat 36°24', long 81°37', at bridge at mouth, $1\frac{3}{4}$ miles south of Creston.	5.5	2.2	1.5	.74	.70	.47	.40	.47	.59	.81	1.0
3A1619.61	Laurel Creek at Fig.....	Ashe County, lat 36°27', long 81°37', at bridge on State Highway 88, 0.1 mile above mouth, 0.1 mile southwest of Fig.	29.6	2.2	1.4	.59	.56	.34	.28	.34	.46	.70	.89
3A1621.10	Buffalo Creek at Warrensville	Ashe County, lat 36°27', long 81°31', at bridge 1 mile south of Warrensville, 1 mile above mouth.	23	2.2	1.6	.74	.73	.48	.42	.48	.61	.83	1.0

Table 12.—Streamflow characteristics at base-flow observation points—Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	NEW - KANAWHA RIVER BASIN--Continued												
3A1622.20	Horse Creek at Bina.....	Ashe County, lat 36°29', long 81°30', at bridge on State Highway 194 at Bina, ¼ mile above mouth.	59	2.2	1.15	0.43	0.40	0.21	0.17	0.22	0.33	0.54	0.74
3A1628.40	Elk Creek near Stratford	Alleghany County, lat 36°32', long 81°13', at bridge ¼ mile below Walnut Branch, ½ mile north of Stratford.	12	2.4	1.7	.78	.77	.47	.40	.46	.61	.84	1.02
3A1628.47	Rock Creek near Twin Oaks	Alleghany County, lat 36°32', long 81°10', at culvert on U. S. Highway 221, 1 mile west of Twin Oaks, 2½ miles above mouth.	1.1	2.4	1.5	.52	.49	.26	.21	.26	.38	.59	.77
3A1629.16	Little Glade Creek near Cherry Lane	Alleghany County, lat 36°26', long 81°04', at culvert on Blue Ridge Parkway, 1 mile west of Cherry Lane, 3 miles above mouth.	2.0	1.8	1.4	.72	.70	.44	.37	.43	.56	.80	.96
	TENNESSEE RIVER BASIN												
3B4389.61	North Fork French Broad River near Rosman	Transylvania County, lat 35°08'34", long 82°50'22", at bridge on U. S. Highway 64 above West Fork, 1.1 miles west of Rosman.	37.4	3.5	2.7	1.4	1.2	.77	.64	.70	.89	1.2	1.5
3B4389.76	West Fork French Broad River at Rosman	Transylvania County, lat 35°08'28", long 82°50'20", at bridge 0.1 mile above North Fork, 1.0 mile west of Rosman.	29.4	3.8	2.9	1.4	1.3	.79	.66	.73	.94	1.3	1.6
3B4391.66	Middle Fork French Broad River near Rosman	Transylvania County, lat 35°08'00", long 82°48'48", at bridge 0.3 mile above mouth, 1.0 mile southeast of Rosman.	5.63	3.6	2.8	1.5	1.3	.86	.74	.80	1.0	1.3	1.6
3B4393.33	East Fork French Broad River near Rosman	Transylvania County, lat 35°08'13", long 82°48'13", at bridge 0.8 mile above mouth, 1.4 miles southeast of Rosman.	25.9	3.6	2.7	1.5	1.3	.85	.74	.80	1.0	1.3	1.6
3B4401.11	Nicholson Creek at Brevard	Transylvania County, lat 35°13'17", long 82°44'41", at culvert on U. S. Highway 64, 1.0 mile southwest of Brevard, 1.5 miles above mouth.	3.02	3.3	2.6	1.5	1.4	.89	.78	.86	1.1	1.38	1.6
3B4401.66	Tucker Creek at Southern Railway at Brevard	Transylvania County, lat 35°13'59", long 82°44'32", at Southern Railway culvert at Brevard, 0.9 mile above mouth.	1.20	3.3	2.6	1.3	1.2	.73	.62	.69	.87	1.2	1.4
3B4403.86	Cedar Rock Creek at John Rock	Transylvania County, lat 35°17'00", long 82°47'25", at John Rock, 0.1 mile above mouth.	2.50	3.2	2.4	1.2	1.1	.66	.55	.60	.78	1.1	1.4

3B4404.41	Coontree Creek near Pisgah Forest	Transylvania County, lat 35°17'22", long 82°45'47", at culvert on U. S. Highway 276, 0.1 mile above mouth, 4.3 miles northwest of Pisgah Forest.	0.85	3.2	2.5	1.4	1.2	.79	.67	.77	.93	1.2	1.5
3B4407.51	Joel Branch near Pisgah Forest	Transylvania County, lat 35°16'33", long 82°42'57", at mouth, 1.7 miles northwest of Pisgah Forest.	0.59	3.2	2.4	1.1	1.0	.58	.48	.56	.73	1.0	1.3
3B4410.81	Turkey Creek near Pisgah Forest	Transylvania County, lat 35°16'25", long 82°42'06", at bridge 0.1 mile above mouth, 1.3 miles north of Pisgah Forest.	5.55	3.2	2.6	1.3	1.2	.78	.64	.73	.92	1.2	1.5
3B4414.20	Little River at Cedar Mountain	Transylvania County, lat 35°09'19", long 82°37'43", at bridge 0.2 mile below Duncan Creek, 1.1 miles northeast of Cedar Mountain.	16.1	3.6	2.6	1.2	1.0	.58	.49	.58	.73	1.0	1.3
3B4432.66	Big Willow Creek near Blantyre	Henderson County, lat 35°17'55", long 82°33'46", at bridge 0.2 mile above mouth, 3.6 miles east of Blantyre.	9.11	2.5	2.0	1.1	1.0	.70	.61	.69	.84	1.1	1.4
3B4451.25	Big Creek near Mills River	Henderson County, lat 35°25'10", long 82°40'40", 1,200 ft above Hendersonville water supply reservoir 6.5 miles northwest of Mills River.	6.12	2.9	2.0	.86	.74	.40	.32	.39	.56	.82	1.03
3B4452.56	Fletcher Creek near Mills River	Henderson County, lat 35°25'12", long 82°40'37", 600 ft above Hendersonville water supply reservoir, 6.5 miles northwest of Mills River.	4.35	2.6	1.9	.83	.70	.38	.30	.37	.53	.78	1.0
3B4463.28	Johnson Drainage Ditch at Hendersonville	Henderson County, lat 35°19'36", long 82°27'09", at Hendersonville, just below Devils Fork.	24.7	2.2	1.6	.64	.55	.30	.24	.30	.44	.67	.86
3B4464.10	Laurel Branch near Edneyville	Henderson County, lat 35°22'15", long 82°24'10", at culvert on U. S. Highway 64, 0.5 mile above mouth, 4 miles southwest of Edneyville.	0.57	1.8	1.4	.74	.66	.42	.36	.42	.55	.78	.96
3B4472.56	Cane Creek at U. S. Highway 74 at Fairview	Buncombe County, lat 35°31'04", long 82°24'08", at bridge on U. S. Highway 74, just above Ashworth Creek, 0.2 mile northwest of Fairview.	18.5	1.3	.95	.45	.39	.24	.20	.25	.36	.54	.69
3B4473.36	Cane Creek near Fairview	Buncombe County, lat 35°29'40", long 82°25'45", 0.3 mile below Gap Creek, 2.2 miles southwest of Fairview.	40.8	1.3	1.0	.52	.46	.30	.24	.30	.41	.61	.77
3B4475.83	Hooper Creek near Fletcher	Henderson County, lat 35°25'54", long 82°28'34", at ford at Asheville-Hendersonville Airport. 1.0 mile above mouth, 1½ miles east of Fletcher.	15.5	1.3	.93	.38	.34	.18	.14	.19	.29	.48	.64
3B4476.66	Cane Creek at U. S. Highway 25 at Fletcher	Henderson County, lat 35°25'19", long 82°30'16", at bridge on U. S. Highway 25 at Fletcher, 2.1 miles above mouth.	82.4	1.3	.93	.45	.40	.22	.19	.24	.34	.55	.71
3B4477.66	Avery Creek near Fletcher	Buncombe County, lat 35°27'06", long 83°33'25", at bridge at mouth, 3.4 miles northwest of Fletcher.	8.59	1.3	1.2	.76	.72	.54	.49	.52	.66	.85	.99
3B4478.34	Powell Creek near Skyland	Buncombe County, lat 35°28'25", long 82°33'10", 0.1 mile above mouth, 1.5 miles southwest of Skyland.	4.86	1.3	.92	.35	.30	.15	.12	.16	.25	.46	.60
3B4479.17	Bent Creek at Bent Creek	Buncombe County, lat 35°30'08", long 82°35'39", at bridge on State Highway 191 at Bent Creek, 0.1 mile above mouth.	10.8	1.2	.91	.46	.42	.26	.22	.26	.37	.59	.74
3B4481.36	North Hominy Creek near Canton	Haywood County, lat 35°32'08", long 82°49'00", at culvert on U. S. Highway 19, 0.1 mile above mouth, 1.2 miles east of Canton.	7.82	1.2	.86	.41	.36	.20	.16	.21	.32	.51	.66

Table 12.—Streamflow characteristics at base-flow observation points—Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	TENNESSEE RIVER BASIN --Continued												
3B4482.10	Hominy Creek above South Hominy Creek at Candler	Buncombe County, lat 35°32'08", long 82°41'40", at bridge on State Highway 112, 0.1 mile above South Hominy Creek, 0.1 mile west of Candler.	30.2	1.2	0.88	0.42	0.37	0.20	0.17	0.22	0.32	0.52	0.68
3B4482.72	South Hominy Creek at South Hominy	Buncombe County, lat 35°29'22", long 82°44'15", at South Hominy, just above Glady Fork.	16.3	1.2	.88	.46	.40	.25	.21	.26	.36	.56	.72
3B4483.41	Beaverdam Creek near Candler	Buncombe County, lat 35°31'12", long 82°41'15", at bridge 1.0 mile above mouth, 1.1 miles south of Candler.	7.65	1.2	.98	.62	.56	.41	.36	.41	.51	.72	.90
3B4484.64	Pole Creek at Hominy....	Buncombe County, lat 35°32'40", long 82°40'55", at bridge on U. S. Highway 19, at Hominy, 0.3 mile above mouth.	9.58	1.2	.89	.44	.39	.24	.20	.26	.35	.55	.70
3B4488.48	Flat Creek at Black Mountain	Buncombe County, lat 35°37'11", long 82°18'53", at bridge on U. S. Highway 70, at Black Mountain, 0.1 mile above mouth.	6.02	2.4	1.6	.58	.48	.24	.19	.24	.36	.60	.82
3B4489.10	Swannanoa River at Grovestone, at Swannanoa	Buncombe County, lat 35°36'11", long 82°21'55", at bridge on U. S. Highway 70 at Grovestone, 0.2 mile above North Fork, 1.8 miles northeast of Swannanoa.	21.2	2.4	1.8	.70	.60	.26	.18	.25	.40	.68	.89
3B4502.66	Bull Creek near Azalea	Buncombe County, lat 35°36'29", long 82°27'32", at bridge 200 ft above mouth, 2.0 miles north of Azalea.	10.6	2.2	1.3	.34	.28	.11	.077	.12	.21	.43	.62
3B4506.21	Gashers Creek at Oakley	Buncombe County, lat 35°34'02", long 82°30'03", at bridge on U. S. Highway 74 at Oakley, 0.6 mile above mouth.	6.15	1.3	.95	.41	.36	.20	.16	.21	.32	.52	.67
3B4509.21	Haw Creek at mouth at Biltmore	Buncombe County, lat 35°34'35", long 82°31'29", at bridge on State Highway 81, at mouth, 1.2 miles northeast of Biltmore.	4.57	1.2	.81	.27	.23	.11	.080	.12	.21	.40	.54
3B4509.31	Ross Creek near Biltmore	Buncombe County, lat 35°34'19", long 82°32'01", at culvert on State Highway 81, at mouth, 0.7 mile east of Biltmore.	3.21	1.3	.86	.27	.22	.092	.070	.11	.19	.38	.52
3B4509.91	Sweeten Creek at Biltmore	Buncombe County, lat 35°34'09", long 82°32'31", at bridge at mouth, at Biltmore.	5.46	1.3	.87	.31	.28	.14	.10	.14	.24	.43	.57
3B4512.66	Mill Creek near Asheville	Buncombe County, lat 35°35'43", long 82°34'33", at bridge at mouth, 1.3 miles west of Asheville.	6.85	1.2	.88	.45	.39	.23	.19	.24	.35	.56	.71

3B4515.63	Beaverdam Creek at Asheville	Buncombe County, lat 35°38'05", long 82°33'15", 0.1 mile above U. S. Highway 19 at Asheville, 0.8 mile below Spooks Branch.	7.63	2.0	1.4	.46	.39	.18	.14	.18	.29	.53	.70
3B4516.90	Newfound Creek near Alexander	Buncombe County, lat 35°39'58", long 82°38'04", at bridge 0.9 mile above mouth, 2.6 miles southwest of Alexander.	34.2	1.0	.73	.34	.30	.16	.13	.17	.27	.46	.59
3B4518.90	Reems Creek at Alexander	Buncombe County, lat 35°41'40", long 82°36'48", at bridge on U. S. Highway 25, at mouth, 0.5 mile south of Alexander.	36.3	1.1	.68	.21	.17	.068	.048	.09	.16	.34	.47
3B4519.62	Flat Creek near Alexander	Buncombe County, lat 35°42'59", long 82°37'34", at bridge on U. S. Highway 25, 0.1 mile above mouth, 1.2 miles northwest of Alexander.	24.7	1.1	.65	.20	.16	.069	.054	.08	.15	.32	.44
3B4523.76	Martin Creek near Barnardsville	Buncombe County, lat 35°48'35", long 82°23'50", in Pisgah National Forest, 2.3 miles above mouth, 4.3 miles northeast of Barnardsville.	.88	1.8	1.1	.45	.38	.20	.16	.21	.32	.54	.70
3B4526.21	Ivy River above Forks of Ivy near Democrat	Buncombe County, lat 35°47'28", long 82°32'20", at bridge on U. S. Highway 19, 50 ft above Little Ivy River, 2.6 miles west of Democrat.	60.6	1.5	.84	.28	.23	.096	.072	.11	.20	.39	.54
3B4528.21	Little Ivy Creek above Forks of Ivy near Mars Hill	Madison County, lat 35°47'31", long 82°32'20", at bridge at mouth, 2.5 miles south of Mars Hill.	46.5	1.1	.67	.24	.20	.097	.074	.11	.18	.35	.49
3B4529.21	Bull Creek near Mars Hill	Madison County, lat 35°47'41", long 82°36'44", at mouth, 4.2 miles southwest of Mars Hill.	22.9	1.3	.75	.23	.18	.083	.062	.10	.17	.35	.48
3B4537.66	Big Pine Creek at Barnard	Madison County, lat 35°50'18", long 82°45'25", at bridge at mouth, 0.4 mile southwest of Barnard.	16.6	1.1	.67	.24	.20	.093	.070	.11	.18	.37	.50
3B4539.91	Shelton Laurel Creek near Stackhouse	Madison County, lat 35°55'24", long 82°45'08", at mouth, 3.1 miles north of Stackhouse.	54.7	1.6	.97	.34	.28	.13	.102	.14	.23	.44	.58
3B4562.66	East Fork Pigeon River near Cruso	Haywood County, lat 35°23'42", long 82°48'34", at bridge 0.5 mile above Crawford Creek, 1.6 miles south of Cruso.	15.8	3.0	2.2	1.1	1.0	.62	.52	.59	.77	1.1	1.3
3B4570.62	Beaverdam Creek near Canton	Haywood County, lat 35°32'30", long 82°50'45", 0.1 mile above mouth, 0.5 mile northeast of Canton.	11.2	1.2	.79	.28	.24	.12	.092	.13	.22	.40	.54
3B4586.21	Crabtree Creek at Crabtree	Haywood County, lat 35°36'00", long 82°56'55", 0.2 mile above mouth, 0.6 mile west of Crabtree.	25.3	1.0	.68	.28	.24	.14	.10	.16	.24	.42	.56
3B4587.21	Jonathan Creek above Dellwood	Haywood County, lat 35°30'50", long 83°04'04", at bridge 0.2 mile above Mitchell Cove Branch, 2.0 miles west of Dellwood.	26.5	2.2	1.6	.77	.67	.44	.38	.43	.56	.80	.98
3B4597.66	Fines Creek at Hepco....	Haywood County, lat 35°40'20", long 82°59'25", 0.5 mile above mouth, 0.5 mile north of Hepco.	25.8	1.0	.72	.33	.28	.18	.16	.19	.28	.45	.60
3B4619.10	North Toe River at Newland	Avery County, lat 36°05'01", long 81°55'45", at culvert on State Highway 194 at Newland, 100 ft below Kentucky Creek.	9.2	2.2	1.5	.53	.46	.23	.19	.24	.36	.59	.78
3B4630.66	Crabtree Creek near Newdale	Yancey County, lat 35°54'09", long 82°08'50", at bridge on U. S. Highway 19E, 0.5 mile below Roaring Branch, 1.7 miles east of Newdale.	16.6	3.2	2.2	.84	.73	.38	.30	.38	.52	.86	1.1
3B4630.86	Rebels Creek near Boonford	Mitchell County, lat 35°56'11", long 82°10'47", 200 ft above mouth, 0.7 mile northwest of Boonford.	1.34	3.3	1.8	.60	.49	.22	.16	.22	.34	.60	.83

Table 12.--Streamflow characteristics at base-flow observation points--Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	TENNESSEE RIVER BASIN --Continued												
3B4636.32	Little Crabtree Creek at Micaville	Yancey County, lat 35°54'29", long 82°13'16", at bridge on U. S. Highway 19E, 0.3 mile west of Micaville.	16.7	2.1	1.4	0.58	0.50	0.26	0.21	0.26	0.38	0.64	0.85
3B4637.21	Jacks Creek near Huntdale	Yancey County, lat 36°00'14", long 82°16'30", at bridge on State Highway 197, 200 ft above mouth, 2.7 miles southeast of Huntdale.	20.7	1.8	1.1	.42	.35	.17	.13	.18	.28	.51	.69
3B4637.64	Pigeonroost Creek at State Highway 26 near Huntdale	Mitchell County, lat 36°02'45", long 82°17'57", at bridge on State Highway 26, 0.1 mile above mouth, 1.7 miles northeast of Huntdale.	14.1	2.0	1.3	.43	.37	.17	.13	.18	.29	.52	.68
3B4639.58	Big Creek at Sioux.....	Yancey County, lat 36°00'55", long 82°21'10", 0.1 mile above mouth, 0.6 mile southeast of Sioux.	7.98	1.7	1.0	.33	.27	.13	.095	.14	.22	.43	.57
3B4787.21	Watauga River at Foscoe	Watauga County, lat 36°09'23", long 81°46'14", at bridge at Foscoe, 0.1 mile below Moodys Mill Creek.	10.6	3.0	2.0	.72	.63	.32	.26	.32	.46	.72	.93
3B4787.66	Watauga River above power plant at Shulls Mills	Watauga County, lat 36°10'43", long 81°44'45", 100 ft above Molasses Creek, 0.3 mile above abandoned power plant dam, 0.4 miles north of Schulls Mills.	25.2	2.8	1.8	.66	.64	.34	.27	.33	.46	.71	.91
3B4789.56	Cove Creek near Sugar Grove	Watauga County, lat 36°14'19", long 81°49'18", at mouth, 2.3 miles southwest of Sugar Grove.	34.5	2.2	1.2	.40	.37	.18	.14	.19	.29	.50	.67
3B4792.66	Beaverdam Creek at Bethel	Watauga County, lat 36°17'34", long 81°50'57", 0.2 mile above Rube Creek, 0.2 mile southwest of Bethel.	13.0	2.2	1.1	.27	.25	.10	.075	.12	.20	.39	.55
3B4990.39	Tessentee Creek at Otto	Macon County, lat 35°03'54", long 83°22'41", at bridge 0.6 mile above mouth, 0.8 mile northeast of Otto.	14.8	4.3	3.0	1.0	.83	.45	.36	.43	.61	.87	1.1
3B4990.84	Coweeta Creek near Franklin	Macon County, lat 35°05'00", long 83°23'04", at bridge on U. S. Highway 23, 0.2 mile above mouth, 6.8 miles south of Franklin.	16.9	4.0	3.0	1.2	1.1	.66	.56	.63	.80	1.1	1.4
3B5002.40	Cartoogechaye Creek near Franklin	Macon County, lat 35°09'31", long 83°23'39", at bridge on U. S. Highway 23, 1.8 miles south of Franklin, 1.9 miles above mouth.	57.1	3.0	2.4	1.1	.96	.63	.54	.60	.76	1.0	1.3
3B5005.60	Skitty Creek near Highlands	Macon County, lat 35°04'25", long 83°14'22", at bridge on U. S. Highway 64, 300 ft above mouth, 2.8 miles northwest of Highlands.	1.89	4.3	3.0	.90	.73	.38	.30	.37	.53	.78	1.0

3B5007.79	Ellijay Creek near Cullasaja	Macon County, lat 35°09'58", long 83°18'27", at bridge 0.5 mile above mouth, 0.9 mile east of Cullasaja.	20.4	2.8	2.1	.89	.76	.48	.40	.48	.61	.86	1.1
3B5021.67	Iotla Creek at Iotla....	Macon County, lat 35°14'05", long 83°23'46", at bridge 200 ft above mouth, 0.2 mile southwest of Iotla.	9.95	2.9	2.2	.96	.82	.52	.45	.51	.65	.92	1.2
3B5023.33	Cowee Creek at Wests Mill	Macon County, lat 35°15'43", long 83°24'36", at bridge on State Highway 28, 0.1 mile east of Wests Mill, 0.6 mile above mouth.	25.5	2.6	2.0	.83	.72	.37	.22	.28	.54	.82	1.0
3B5026.26	Burningtown Creek at Stiles	Macon County, lat 35°16'57", long 83°29'00", at Lost Bridge, 0.2 mile northeast of Stiles, 0.4 mile above mouth.	26.6	2.6	1.9	.78	.65	.38	.32	.37	.51	.76	.99
3B5027.66	Tellico Creek near Stiles	Macon County, lat 35°17'18", long 83°29'30", at mouth, 0.7 mile northwest of Stiles.	12.2	2.6	1.9	.66	.55	.31	.25	.31	.44	.68	.91
3B5028.76	Brush Creek near Needmore	Swain County, lat 35°18'54", long 83°30'10", at culvert on State Highway 28, 1.4 mile above mouth, 1.4 miles southeast of Needmore.	6.67	1.7	1.1	.38	.32	.16	.12	.17	.27	.49	.66
3B5035.61	Nantahala River at Rainbow Springs	Macon County, lat 35°05'39", long 83°33'38", at bridge on U. S. Highway 64, at Rainbow Springs, 0.3 mile above Black Creek.	24.2	4.1	3.0	1.2	1.0	.64	.54	.61	.77	1.07	1.33
3B5037.42	Buck Creek near Shooting Creek	Clay County, lat 35°04'31", long 83°36'37", at bridge on U. S. Highway 64, 1.6 miles above Barnett Creek, 4.8 miles northeast of Shooting Creek.	6.53	4.1	3.0	1.2	1.0	.67	.56	.64	.80	1.1	1.3
3B5068.33	Alarka Creek near Judson	Swain County, lat 35°23'52", long 83°32'05", at bridge 300 ft above Grassy Branch, 1.5 miles southeast of Judson.	31.6	1.7	1.2	.54	.47	.28	.22	.27	.40	.62	.81
3B5071.66	Sols Creek near Argura	Jackson County, lat 35°15'34", long 83°01'20", at culvert on State Highway 281, 1.2 miles southeast of Argura, 2.6 miles above mouth.	3.86	4.0	2.8	1.1	.96	.64	.54	.61	.77	1.0	1.3
3B5082.39	Caney Fork at East Laport	Jackson County, lat 35°17'50", long 83°08'44", at bridge on State Highway 107, at East Laport, 0.1 mile above mouth.	51.2	2.5	1.8	.77	.67	.45	.39	.44	.56	.80	.98
3B5087.39	Savannah Creek near Webster	Jackson County, lat 35°20'16", long 83°14'12", at bridge on State Highway 116, 0.9 mile above mouth, 1.0 mile southwest of Webster.	41.2	2.9	2.1	.96	.83	.53	.44	.51	.66	.91	1.2
3B5105.66	Dicks Creek near Dillsboro	Jackson County, lat 35°23'14", long 83°16'22", at bridge on U. S. Highway 19A, at mouth, 1.8 miles northwest of Dillsboro.	8.66	2.3	1.4	.44	.36	.19	.15	.21	.30	.52	.70
3B5106.74	Oconaluftee River near Smokemont	Swain County, lat 35°33'30", long 83°19'20", 0.6 mile above Bradley Fork, 0.6 mile northwest of Smokemont.	20.1	3.2	2.4	.98	.82	.49	.40	.49	.63	.88	1.1
3B5107.39	Bradley Fork near Smokemont	Swain County, lat 35°33'21", long 83°18'42", at bridge 100 ft above mouth, 0.2 mile north of Smokemont.	20.0	3.2	2.3	.94	.80	.47	.37	.44	.61	.88	1.1
3B5108.14	Mingus Creek at Ravensford	Swain County, lat 35°31'12", long 83°18'30", at bridge on U. S. Highway 441, 200 ft above mouth, 0.9 mile northwest of Ravensford.	4.70	3.1	2.2	.86	.70	.40	.33	.40	.54	.79	1.0

Table 12.—Streamflow characteristics at base-flow observation points—Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	TENNESSEE RIVER BASIN --Continued												
3B5108.69	Raven Fork at Swayney..	Swain County, lat 35°33'50", long 83°14'30", at Swayney 0.2 mile below Straight Creek.	47.7	3.2	2.2	0.84	0.72	0.42	0.35	0.41	0.55	0.80	1.0
3B5109.34	Raven Fork at Ravensford	Swain County, lat 35°30'50", long 83°17'55", at Ravensford, 0.2 mile above mouth.	74.3	3.2	2.2	.83	.70	.41	.34	.40	.54	.78	1.0
3B5121.81	Cooper Creek at mouth near Bryson City	Swain County, lat 35°27'11", long 83°23'33", at culvert on U. S. Highway 19, at mouth, 3.5 miles northeast of Bryson City.	7.10	3.1	2.1	.79	.66	.36	.28	.34	.49	.76	.99
3B5126.19	Indian Creek near Bryson City	Swain County, lat 35°29'10", long 83°24'30", 1.7 miles above mouth, 4½ miles northeast of Bryson City.	6.85	3.1	2.0	.64	.61	.48	.43	.47	.59	.77	.92
3B5134.64	Lands Creek near Bryson City	Swain County, lat 35°28'01", long 83°28'01", 10 ft below Long Branch, 3.0 miles northwest of Bryson City.	2.52	3.1	1.9	.50	.38	.15	.11	.16	.27	.50	.71
3B5137.84	Panther Creek at Japan..	Graham County, lat 35°23'44", long 83°37'24", at bridge 0.1 mile above Little Horse Branch, 0.7 mile southeast of Japan.	11.1	3.5	2.2	.62	.48	.22	.17	.22	.34	.59	.84
3B5151.22	Twenty Mile Creek near Fontana	Swain County, lat 35°28'00", long 83°52'45", at bridge on State Highway 28, 0.5 mile below Moore Spring Branch, 4.0 miles northwest of Fontana Village.	15.1	3.1	2.1	.72	.59	.31	.24	.30	.43	.68	.93
3B5152.44	Tulula Creek at Robbinsville	Graham County, lat 35°19'15", long 83°48'08", at bridge 0.3 mile southeast of Robbinsville, 0.5 mile above Sweetwater Creek.	28.6	3.5	2.0	.51	.39	.16	.12	.17	.27	.50	.73
3B5153.66	Sweetwater Creek near Robbinsville	Graham County, lat 35°19'30", long 83°47'36", at bridge 0.5 mile above Tulula Creek, 0.8 mile east of Robbinsville.	13.6	3.5	2.1	.60	.48	.22	.17	.23	.34	.58	.83
3B5156.10	Long Creek at Robbinsville	Graham County, lat 35°19'44", long 83°48'40", at bridge 200 feet above mouth, 0.5 mile north of Robbinsville.	11.8	3.8	2.2	.60	.47	.21	.16	.21	.32	.57	.80
3B5161.41	Buffalo Creek at mouth near Santeetlah	Graham County, lat 35°19'40", long 83°53'43", at bridge 0.7 mile above Teeoatlah Branch, 4.0 miles southwest of Santeetlah.	13.8	3.5	2.2	.75	.60	.30	.24	.30	.43	.68	.94
3B5164.21	Santeetlah Creek near Santeetlah	Graham County, lat 35°21'50", long 83°55'08", at bridge 0.1 mile below Little Santeetlah Creek, 4.6 miles west of Santeetlah.	27.9	3.5	2.2	.72	.58	.28	.22	.32	.40	.65	.90

385475.42	Tusquitee Creek below Greasy Creek near Hayesville	Clay County, lat 35°04'13", long 83°49'00", at bridge 0.2 mile below Greasy Creek, 1.7 miles north of Hayesville.	42.5	2.5	1.8	.73	.62	.39	.33	.40	.52	.76	.97
385480.83	Fires Creek near Hayesville	Clay County, lat 35°04'38", long 83°51'53", at bridge 1.1 miles above mouth, 3.3 miles northwest of Hayesville.	23.0	2.5	1.6	.42	.33	.17	.13	.18	.28	.49	.67
385481.66	Sweetwater Creek near Brasstown	Clay County, lat 35°03'16", long 83°53'36", at culvert 0.6 mile above mouth, 3.8 miles northeast of Brasstown.	4.25	2.2	1.5	.58	.47	.29	.24	.30	.39	.63	.83
385482.49	Little Brasstown Creek at Brasstown	Cherokee County, lat 35°02'00", long 83°57'46", at bridge 0.4 mile above mouth, 0.5 mile southwest of Brasstown.	9.47	2.1	1.4	.56	.47	.28	.23	.29	.39	.62	.83
385483.30	Brasstown Creek at Brasstown	Cherokee County, lat 35°02'24", long 83°57'34", at bridge 0.1 mile northwest of Brasstown, 0.8 mile above mouth.	83.1	2.1	1.5	.69	.60	.39	.34	.39	.49	.74	.95
385484.13	Peachtree Creek near Murphy	Cherokee County, lat 35°04'40", long 83°58'28", at bridge on U. S. Highway 64, 0.4 mile above mouth, 3.4 miles east of Murphy.	18.2	2.5	1.5	.41	.32	.16	.12	.17	.25	.48	.67
385491.24	Valley River at Buffalo	Cherokee County, lat 35°12'00", long 83°47'58", at bridge 0.1 mile below Worm Creek, 0.4 mile southwest of Buffalo.	20.7	2.4	1.6	.47	.39	.20	.16	.21	.31	.54	.74
385492.49	Junaluska Creek near Andrews	Cherokee County, lat 35°11'45", long 83°48'09", at bridge on U. S. Highway 19, 0.9 mile above mouth, 1.3 miles southeast of Andrews.	8.31	2.4	1.7	.64	.54	.32	.27	.33	.44	.68	.90
385493.74	Tatham Creek at Andrews	Cherokee County, lat 35°12'02", long 83°48'47", at bridge on U. S. Highway 19, 0.5 mile above mouth, 0.7 mile east of Andrews.	8.04	2.4	1.58	.505	.415	.222	.179	.23	.33	.56	.77
385495.00	Valley River at Andrews	Cherokee County, lat 35°12'20", long 83°49'03", 300 feet below bridge, 0.1 mile below Tatham Creek, 0.5 mile northeast of Andrews.	41.8	2.4	1.5	.49	.39	.21	.17	.22	.32	.55	.78
385496.41	Taylor Creek at Coalville	Cherokee County, lat 35°10'40", long 83°53'16", at bridge 0.1 mile above Luther Branch, 0.7 mile south of Coalville.	5.78	2.5	1.7	.66	.56	.34	.29	.34	.46	.70	.92
385497.21	Welch Mill Creek at Coalville	Cherokee County, lat 35°11'18", long 83°53'38", at bridge on U. S. Highway 19, 0.2 mile west of Coalville, 0.7 mile above mouth.	3.77	2.5	1.8	.72	.62	.39	.33	.39	.49	.75	.95
385498.79	Vengeance Creek at Marble	Cherokee County, lat 35°10'07", long 83°55'22", 500 ft above mouth, ½ mile south of Marble.	7.63	2.5	1.6	.58	.48	.27	.22	.27	.38	.62	.84
385499.39	Colvard Creek at U. S. Highway 19 at Tomotla	Cherokee County, lat 35°08'47", long 83°58'15", at bridge on U. S. Highway 19, 0.2 mile above mouth, 1.3 miles northeast of Tomotla.	3.23	2.5	1.6	.48	.40	.21	.17	.22	.32	.55	.75
385536.66	Moccasin Creek near Macedonia	Cherokee County, lat 34°59'14", long 84°05'00", at State line, 1 mile above mouth, 1.7 miles east of Macedonia.	7.44	2.1	1.6	.73	.64	.42	.37	.42	.54	.80	1.0
385538.33	South Fork Rapier Mill Creek at Culberson	Cherokee County, lat 34°59'24", long 84°09'59", at bridge on State Highway 60, at Culberson, 2.8 miles above mouth.	9.65	2.0	1.43	.61	.53	.33	.28	.34	.45	.68	.88

Table 12.—Streamflow characteristics at base-flow observation points—Continued

Site number	Observation point	Location	Drainage area (square miles)	Average discharge (cfs per square mile)	Daily flow, in cfs per square mile, for indicated duration, in percent of time		Minimum 7-day flow, in cfs per square mile, for indicated recurrence intervals, in years			Available draft, in cfs per square mile, for indicated storage, in acre feet per square mile, at 20-year recurrence interval			
					50	90	2	10	20	1	10	50	100
	TENNESSEE RIVER BASIN --Continued												
3B5541.21	Hanging Dog Creek near Murphy	Cherokee County, lat 35°06'41", long 84°04'02", 200 ft above Bates Creek, 2½ miles northwest of Murphy.	37.2	2.5	1.7	.76	.66	.42	.36	.42	.55	.77	.99
3B5542.21	Grape Creek near Ebenezer	Cherokee County, lat 35°08'00", long 84°05'45", 0.1 mile below West Prong Grape Creek, 2.5 miles southwest of Ebenezer.	3.79	2.5	1.5	.53	.44	.24	.20	.25	.36	.58	.80
3B5543.21	Persimmon Creek near Letitia	Cherokee County, lat 35°03'20", long 84°10'40", 0.2 mile below Hickey Branch, 1.9 miles northwest of Letitia.	14.2	2.0	1.5	.81	.72	.50	.45	.51	.61	.84	1.0
3B5544.21	Beaverdam Creek at Unaka	Cherokee County, lat 35°11'34", long 84°08'03", at bridge 0.2 mile below Copper Creek, 0.4 mile southeast of Unaka.	21.7	2.5	1.6	.52	.44	.24	.19	.25	.36	.58	.80
3B5552.10	Shoal Creek near Murphy	Cherokee County, lat 35°06'48", long 84°14'06", at bridge on State Highway 294, 50 ft below Thompson Branch, 11 miles west of Murphy.	12.6	2.0	1.5	.71	.62	.42	.36	.41	.52	.76	.97
3B5553.27	North Shoal Creek near Violet	Cherokee County, lat 35°12'42", long 84°12'27", at bridge on Joe Brown Highway, 1.5 miles northeast of Violet, 4.2 miles above mouth.	4.09	2.5	1.7	.74	.64	.40	.34	.40	.51	.76	.94
3B5555.44	Shuler Creek near Violet	Cherokee County, lat 35°12'15", long 84°15'25", at bridge 0.2 mile above State Creek, 2.4 miles northwest of Violet.	13.9	2.5	1.8	.82	.72	.46	.40	.46	.58	.82	1.1

INDEX

	Page
Acknowledgments	2
Adjustment curves	24
Analysis, methods	14
Atlantic Plain	3
Base-flow observation points, discharge measurement at	35
location	14
Blue Ridge Province	3
Carolina Bays	5
Climate	5
Coastal Plain Province	3
Creeks:	
Abbotts	66
Ahoskie	54
Alamance	60
Allen	74
Barton, Upper and Lower	57
Bear	58, 61, 65
Beaverdam	57
Beetree	73
Belews	54
Big Bear	67
Big Beaver Island	54
Big Branch	57
Big Laurel	73
Big Mountain	67
Big Shoe Heel	68
Big Swamp	68
Black	58
Boylston	72
Broad	59
Brown	67
Brush	61
Buck Swamp	58
Buffalo	71
North	60
South	60
Bugaboo	64
Buttermilk	60
Cane	60, 73
Cartledge	67
Cataloochee	74
Catheys	72
Cedar	55
Clark	70
Clarke	66
Clear	73
Coddle	67
Colly	63
Connelly	75
Contentnea	58
Core	59
Country Line	55
Creeks—Continued	
Cove	71
Crab	72
Crabtree	57
Crane	62
Crooked	55
Crowders	70
Curtis	69
Cypress	56
Davidson	70
Deep	68, 75
Deep Run	58
Dial	57
Drowning	32, 68
Dutch Buffalo	67
Dutchmans	65, 70
Elk	63
Falling	58, 67
Fifth	65
Fishing	56
Forbush	64
Fork	61
Fourmile Branch	66
Fourth	65
Galbreath	75
Grants	65
Grindle	56
Gun Swamp	68
Hazel	76
Henry Fork	70
Herring Run	56
Hogan	54
Hominy	73
Hood	62
Horse	57
Horsepen	60
Howard	71
Hunting	65
Hyatt	76
Indian	70
Jacob	70
Jonathan	74
Jones, North Fork	68
South Fork	67
Jordan	60
Lewis Fork, North and South Prongs	63
Little Alamance	60
Little Brown	67
Little Coharie	62
Little Contentnea	59
Little Raft Swamp	68
Little Sugar	70
Livingston	62
Long	70
Lower	69
Lyle	69

Creeks—Continued Page
McAlpine 70
Maiden 70
Mallard 67
Marks 68
Middle 58
Mill 69
Mill Timber 69
Moccasin 58
Moon 55
Morgan 61
Mountain 69, 71
Mud 73
Muddy 61, 65, 67
North Fork 69
Mulberry 64
Nahunta Swamp 59
Neal 61
New Hope 61
New Light 57
Noland 76
North Hyco 55
North Second 65
Northeast 59
Peeples 57
Pinch Gut 63
Polecat 61
Poplar 57
Raft Swamp 68
Ready Branch 55
Reedy 65, 67
Reedy Fork 60
Richardson 67
Richland 61, 73
Rockfish 62
Sandy 56
Sandy Run 71
Sandymush 73
Sapony 56
Scott 75
Shelton 55
Shocco 56
Shooting 76
Silver 69
Six Pound 55
Six Runs 63
Smith 55
Snowbird 76
Soco 75
South Second 66
Southwest 59
Spring 73
Stewarts 64
Stony 58, 60
Stony Fork 63
Swearing 66
Swift 56
Tabbs 55
Third 65
Tick 61
Toisnot 58
Toms 64
Town 56
Town Fork 54
Turnbull 62
Twelve Mile 71
Warrior Fork 69

Creeks—Continued Page
White Oak 71
Wilson 69
Wolf Island 55

Data, adjusted, compilation 24
availability 14
estimating for ungaged sites 37
See also particular types.
Discharge, 1-day versus 7-day 38
minimum, along 6 rivers 27
Drainage 3
Duration curve, daily flow 17

Flow-duration data 16

Ground-water sources 9

Hydrograph 20
Hydrologic cycle 7

Introduction 1

Karst topography 5

Low flow, magnitude 38
Low-flow frequency data, computation 19
curves 27
meaning 18

Physiographic divisions 3
Piedmont 3
Precipitation 5, 10, 12
Purpose and scope of report 1

Quality of water 7

Recurrence intervals, computation 19
definition 18
minimum annual discharge 28
Reference period, adjustment to 15
Results 37
Rivers:
Ararat 64
Black 63
Broad 71
Cape Fear 13, 30, 62
Catawba 69
South Fork 70
Cheoah 76
Chowan 7, 54
Cullasaja 75
Dan 54
Davidson 72
Deep, and West Fork 61
Elk 74
Eno 29, 56
First Broad 71
Fisher 64
Flat 57
French Broad 11, 13, 15, 26, 72, 73
Green 71
Haw 30, 60
Hiwassee 76
Ivy 73
Johns 69
Linville 69

Rivers—Continued Page
Little 57, 62, 67, 72
Lower 69
Little Tennessee 74, 75, 76
Lumber 32, 68
Mayo 54
Meherrin 54
Mills 73
South Fork 72
Mitchell 64
Nantahala 75
Neuse 29, 57
New 59
Middle Fork South Fork 71
North Fork 72
Nolichucky 74
North Pacolet 71
Nottely 76
Oconaluftee 75
Pee Dee 31, 67
Pigeon, and West and East Forks 73, 74
Reddies 64
Roanoke 7, 55
Roaring 64
Rocky 24, 61, 66, 67
Second Broad 71
Smith 54
South 63
Swannanoa 73
Tar 10, 16, 20, 25, 28, 55
Toe, North and South 74

Rivers—Continued Page
Trent 59
Tuckasegee 75
Uwharrie 66
Valley 13, 76
Waccamaw 63
Watauga 74
White Oak 59
Yadkin 13, 31, 63, 64, 66

Sand Hills 3
Selected references 42
Sources of water 7
Southern Appalachian Highlands 3
Storage-required-frequency data, application 35
computation 34
Storage requirements 36
Streamflow, duration and frequency 38
factors affecting 14
minimum and peak 19
variations with location 13
variations with time 10
Summary 41
Swamps. *See* Creeks.

Temperature 5
Terminology, explained 39
Topography 3

Units of measurement 39
Uses of water 9

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