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SINCLAIR WEEKS, *Secretary*

WEATHER BUREAU

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TECHNICAL PAPER NO. 15

Maximum Station Precipitation for 1, 2, 3, 6, 12, and 24 Hours

Part XI: North Carolina

DIVISION OF HYDROLOGIC SERVICES

HYDROMETEOROLOGICAL SECTION

In cooperation with

CORPS OF ENGINEERS, U. S. ARMY



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MAXIMUM STATION PRECIPITATION FOR 1, 2, 3, 6, 12, and 24 HOURS

INTRODUCTION

This report which is one of a planned series covering the entire United States, was prompted by the long-standing and widespread interest in maximum observed precipitation amounts for durations of 24 hours and under. At least two summaries of this type of data have already been prepared¹. Neither summary involved more than a couple of hundred stations throughout the United States, and no attempt was made to determine the month-to-month variation of the maximum values. Eventually, the records for some 3000 recording gages in the United States will have been examined for maximum amounts. The survey for the eastern half of the country is being conducted by the Hydrometeorological Section in cooperation with the Corps of Engineers and that for the western half by the Cooperative Studies Section in cooperation with the Bureau of Reclamation. Sources of data are: (1) Hydrologic Bulletin, (2) Climatological Data, (3) WB Form 1017, triple-register sheet, (4) WB Form 1030, Monthly Climatological Summary, and (5) Tables of Excessive Precipitation from the Report of the Chief of the Weather Bureau.

All precipitation amounts presented in the tabulations are in inches.

The station names and locations shown on figures 1-6 are those listed in Climatological Data for December 1950. Some stations have operated under two or more names and/or at several local sites during the period of record. Any important change in location usually calls for a new station name so that records for the two sites are automatically tabulated separately.

The period of record, except at Weather Bureau first-order stations, is limited to the 11 years since the hydrologic network of weighing gages was inaugurated about 1940. In the case of Weather Bureau first-order stations, tipping-bucket gage records were surveyed for the entire period of record prior to 1951. For comparative purposes, two sets of maxima were obtained from these long re-

ords, one for the period 1940-1950 and the other for the period from the installation of the tipping-bucket gage through 1950. Records for stations in operation less than 5 years were not used unless the stations were active through 1950, in which case their maxima are listed to facilitate future surveys of subsequent data. If the period of record was not continuous and any single interruption was less than one year, the notation "break(s)" is inserted after the years denoting the period of record. Interruptions of one year or longer are shown by separate listing of the years, e.g., 1940-1942, 1943-1950, indicating that a break of 12 months or longer occurred in 1942-1943.

Many recording-gage stations are also equipped with nonrecording gages. Maxima from nonrecording gages were used whenever they exceeded those of the recording gages.

In many cases the maximum occurred on the last day of the month and the first day of the next month. Therefore in some instances the same maximum applies for each of the months involved.

The time intervals used in most of the survey and tabulations began on the hour. This practice yields lower values than would be obtained by allowing the interval to begin any time within an hour, but the extra work involved in obtaining the true values would greatly increase the cost of the project. It is possible that when the survey for the entire United States has been completed an attempt will be made to determine the relation between true maxima and those for the standard clock intervals over various regions of the country. A satisfactory correlation would provide a procedure for adjusting the tabulated amounts to values more nearly representing the true maxima. In the case of some Weather Bureau first-order stations, the maxima for 1-, 2-, 24-, and some 3-hour durations are true maxima, i.e., the interval is actually for the period of maximum precipitation and does not necessarily begin on the hour. True maxima are indicated by footnotes in the tabulations.

Estimates of maximum amounts, indicated by the letter "E" in the tabulations, were required whenever the following conditions prevailed: Recording gages were not functioning because of

1. Yarnell, D. L., "Rainfall Intensity-Frequency Data," U. S. Department of Agriculture Miscellaneous Publication No. 204, August 1935.
Shands, A. L. and D. Ammerman, "Maximum Recorded United States Point Rainfall," Weather Bureau Technical Paper No. 2, April 1947.

mechanical or electrical failure or because the precipitation was in the form of snow (tipping-bucket gages cannot measure snowfall rates). In such cases, the precipitation was assumed to have been evenly distributed throughout the period and estimates were obtained by prorating the accumulation. For example, in one case an amount of 5.00 inches was accumulated through a period of 54 hours. It developed that 24/54 of this amount, or 2.22 inches, was higher than any other amount for 24 hours, and this was used as the maximum.

Since this survey was confined to the period covered by recording gages, the 24-hour maximum amounts listed may be exceeded by 24-hour maxima published in reports² of other surveys supplementing the recording-gage data with antecedent nonrecording-gage records. Although

2. U. S. Weather Bureau, "Maximum 24-Hour Precipitation in the United States," Technical Paper No. 16, Washington, 1951.

it would have been an easy matter to use these higher maxima, it was believed preferable to list maxima for all durations for the same period of record.

Maximum monthly amounts determined from stations equipped with a recording gage are shown in table 1.

Maximum amounts determined from stations equipped with a recording gage are shown in table 2.

The monthly distribution of occurrences of the maximum amounts at the 62 stations with five years or more of record are shown in table 3.

A. E. Brown, Jr. was the Project Leader for North Carolina. Annie Laurie Criss (no longer with the section) compiled the data which was then checked by O. Yvette Causey, John T. Lindgren, James L. Keister, Cora Ludwig, and Harlan H. Vinnedge. Edna L. Grooms typed the manuscript.

Table 1. - Maximum monthly precipitation amounts for North Carolina

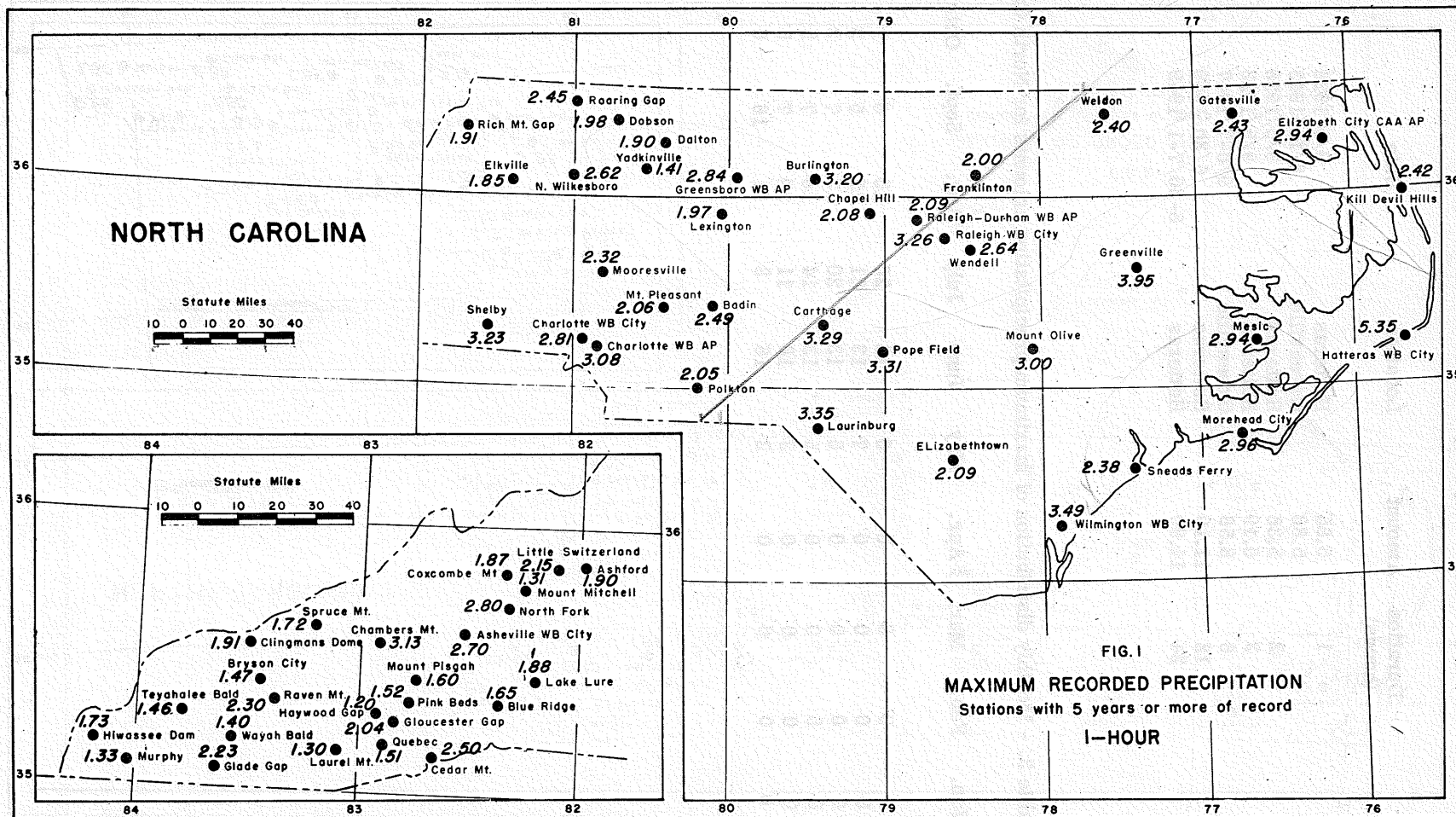
Duration (hours)	Amount	Location	Date	Duration (hours)	Amount	Location	Date
JANUARY				JULY			
1		Hatteras	23/1934	1	3.49	Wilmington	20/1924
2	1.47	Hatteras	23/1934	2	5.48	Mount Olive	23/1942
3	1.90	Charlotte WB	18-19/1936	3	5.58	Mount Olive	23/1942
6	1.98	Charlotte WB City	18-19/1936	6	5.93	Hatteras	21/1929
12	2.90	Asheville	8/1935	12	7.45E	Hatteras	30-1/1949
24	3.50	Cedar Mountain	5-6/1946	24	14.90	Hatteras	30-1/1949
FEBRUARY				AUGUST			
1	2.01	Hatteras	8/1906	1	3.65	Greenville	11/1943
2	2.69	Hatteras	8/1906	2	5.86	Greenville	11/1943
3	3.21	Hatteras	8-9/1906	3	6.15	Greenville	11/1943
6	3.72	Hatteras	8-9/1906	6	6.35	Greenville	11/1943
12	4.18	Hatteras	8-9/1906	12	6.56	Pink Beds	29-30/1940
24	4.34	Hatteras	8-9/1906	24	9.20	Mount Mitchell	31-1/1950
MARCH				SEPTEMBER			
1	1.67	Wilmington	20/1924	1	5.35	Hatteras	5/1928
2	2.18	Wilmington	20/1924	2	5.86	Hatteras	5/1928
3	2.35	Hatteras	6/1932	3	6.19	Hatteras	5/1928
6	2.80	Hatteras	6/1932	6	8.58	Greenville	6-7/1947
12	4.18	Charlotte WB City	15/1912	12	9.32	Greenville	6-7/1947
24	5.19	Wilmington	9-10/1936	24	12.53	Hatteras	15-16/1933
APRIL				OCTOBER			
1	2.08	Hatteras	23/1928	1	2.58	Mount Olive	11/1942
2	2.75	Carthage	4/1941	2	4.08	Mount Olive	11/1942
3	2.95	Carthage	4/1941	3	5.11	Mount Olive	11/1942
6	3.12	Pink Beds	16-17/1945	6	6.29	Mount Olive	11-12/1942
12	3.63	Hatteras	23/1928	12	9.03	Hatteras	13-14/1942
24	5.05	Cedar Mountain	29-30/1949	24	17.46	Hatteras	13-14/1942
MAY				NOVEMBER			
1	3.29	Carthage	15/1946	1	3.31	Pope Field	2/1947
2	5.63	Morehead City	31/1949	2	4.09	Pope Field	2/1947
3	6.12	Morehead City	31/1949	3	4.25	Pope Field	2/1947
6	6.54	Morehead City	31/1949	6	4.27	Pope Field	2-3/1947
12	6.79	Morehead City	31/1949	12	4.91	Raleigh	28-29/1934
24	7.44	Hatteras	2-3/1934	24	6.63	Quebec	18-19/1948
JUNE				DECEMBER			
1	4.57	Hatteras	30/1949	1	2.13	Hatteras	3/1948
2	5.77	Hatteras	30/1949	2	2.57	Hatteras	3/1948
3	5.89	Hatteras	30/1949	3	2.86	Hatteras	3/1948
6	8.00	Hatteras	30/1949	6	3.40	Rich Mountain Gap	7/1950
12	11.19	Hatteras	30-1/1949	12	4.95	Haywood Gap	6-7/1950
24	14.90	Hatteras	30-1/1949	24	5.75	Quebec	6-7/1950

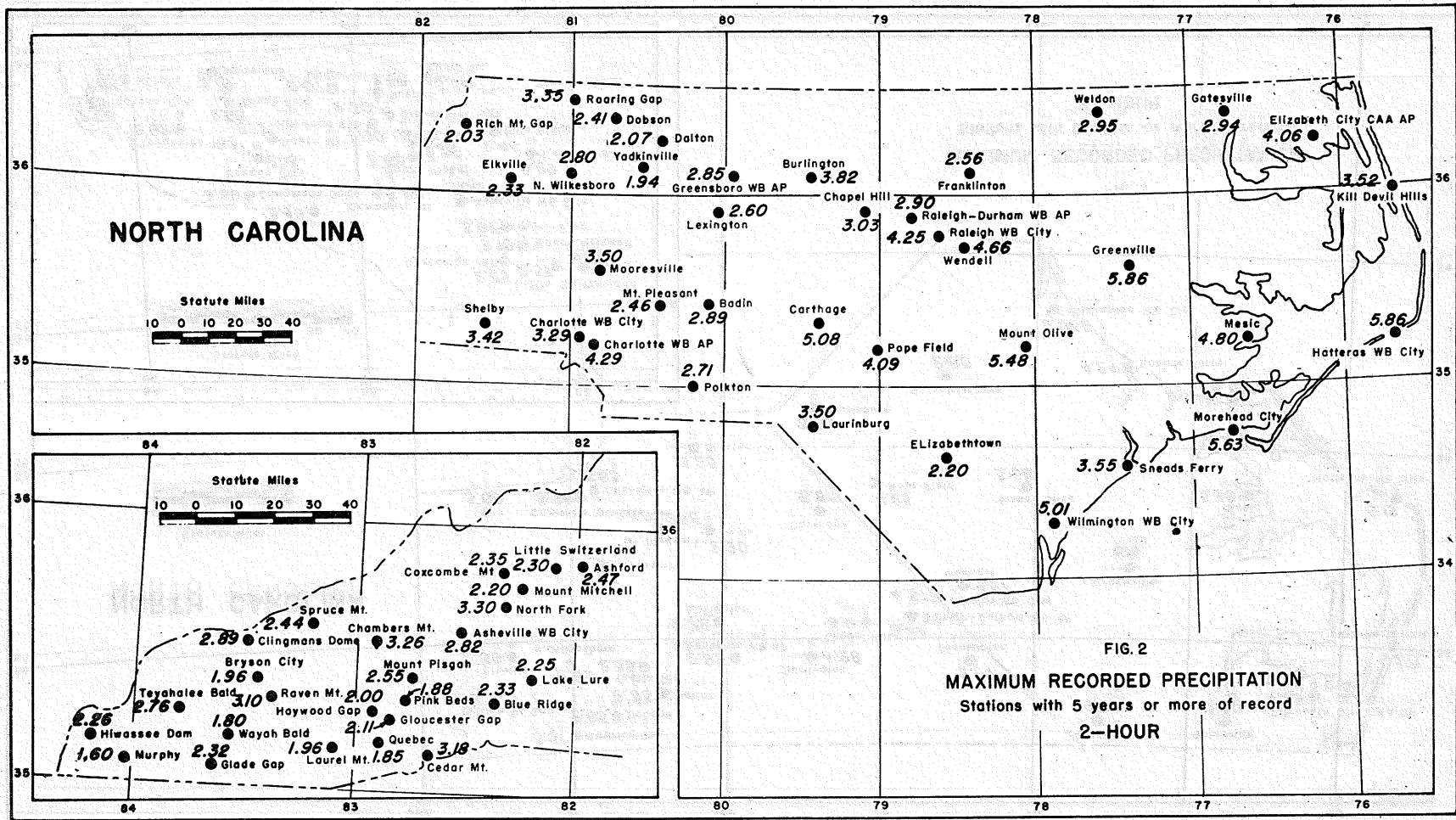
Table 2. - Maximum precipitation amounts for North Carolina

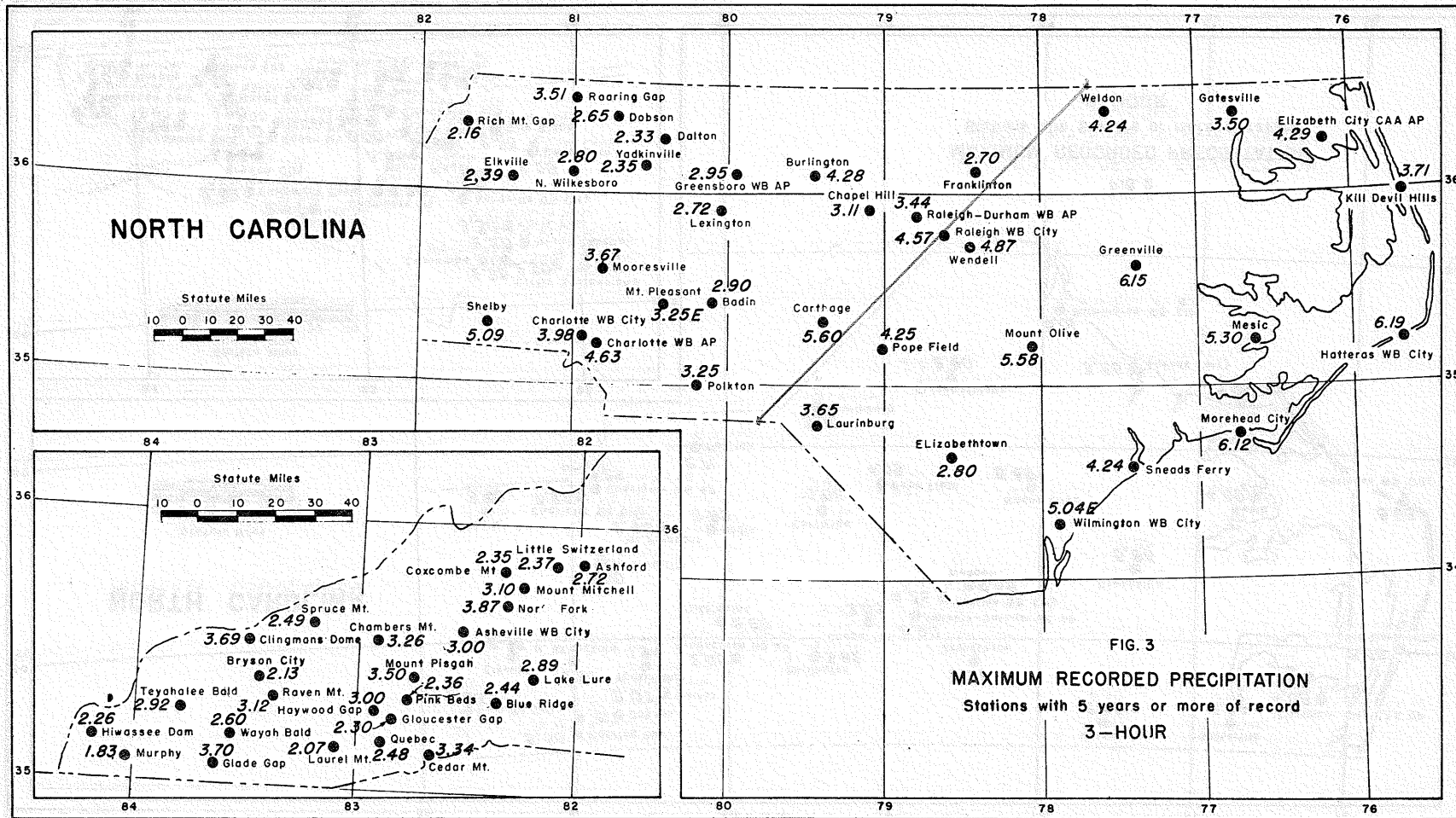
Duration (hours)	Amount	Location	Date
1	5.85	Hatteras	9/5/1928
	5.86	Greenville	8/11/1943
2	5.86	Hatteras	9/5/1928
3	6.19	Hatteras	9/5/1928
6	8.58	Greenville	9/6-7/1947
12	11.19	Hatteras	6/30/1949
24	14.90	Hatteras	6-30/7-1/1949

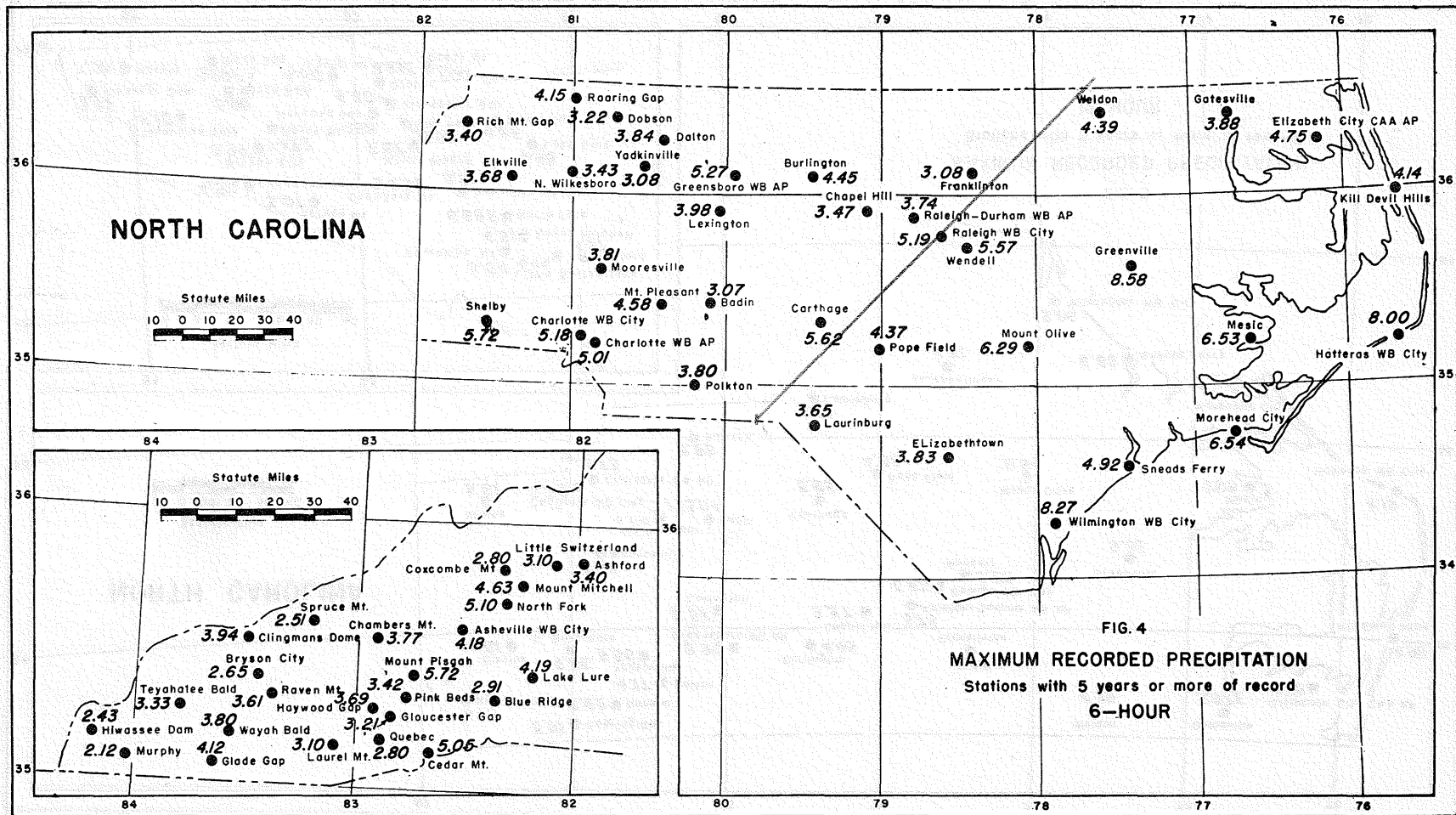
Table 3. - Monthly distribution of maximum precipitation amounts for North Carolina

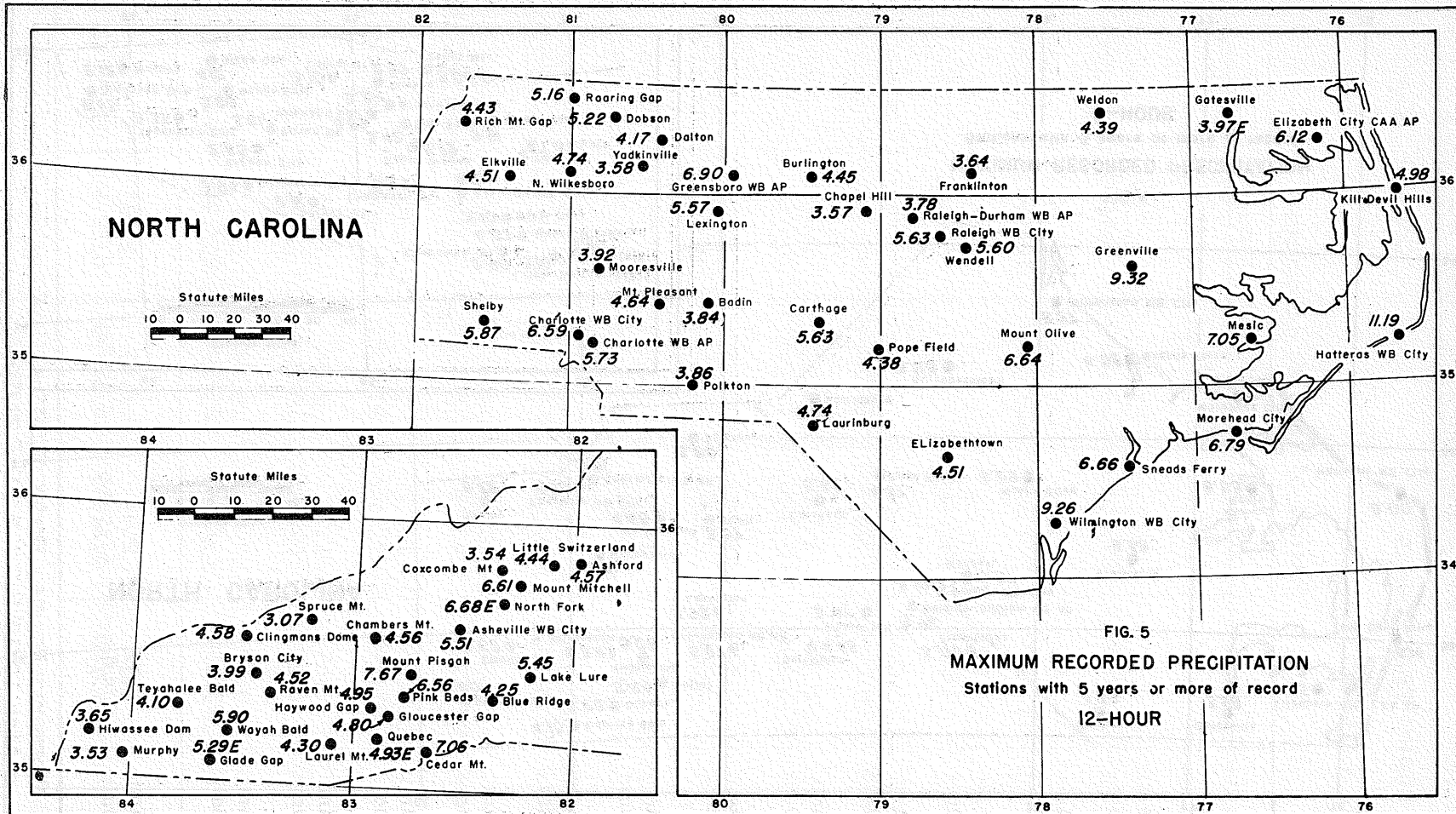
Duration (hours)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	0	0	0	6	13	20	15	6	1	1	0
2	0	0	0	0	7	13	21	12	5	3	1	0
3	0	0	0	0	5	13	20	13	7	3	1	0
6	0	0	0	0	5	13	14	16	7	5	1	1
12	0	0	0	0	3	18	11	10	7	5	4	4
24	0	0	0	0	2	16	8	11	16	6	2	1

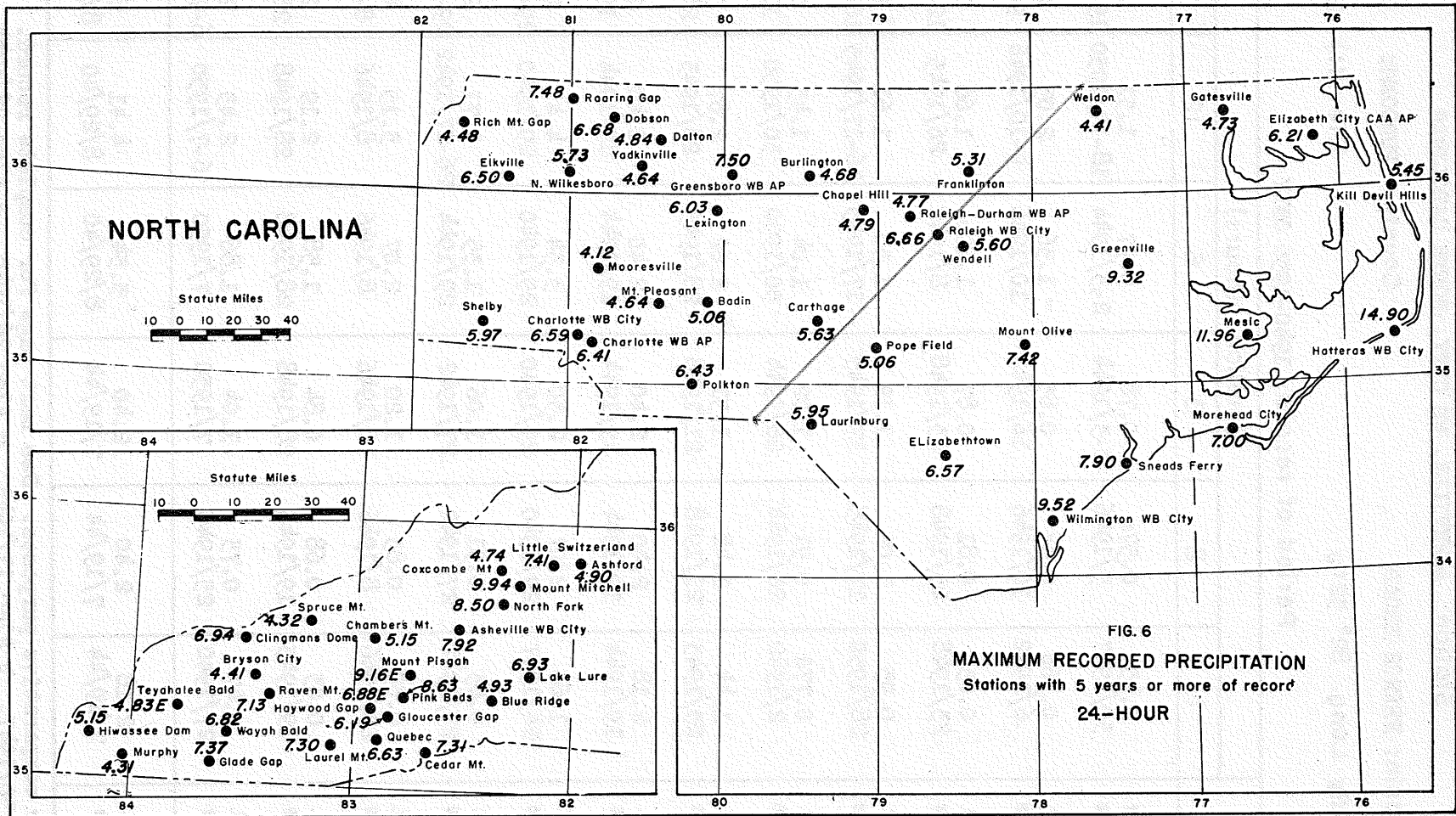












Station: ASHEVILLE, WB CITY, NORTH CAROLINA*

Drainage basin: FRENCH BROAD

County: BUNCOMBE

Lat. 35° 36' N Long. 82° 32' W

Elev.(ft.) 2203

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.45 30/1947	0.57a 5/1946	0.78 2-3/1944	0.97 2-3/1944	1.51 18-19/1950	1.75 19-20/1947
Feb.	Amt. Date	0.36b 6/1942	0.64 10/1946	0.85 16/1942	1.36 10/1946	2.03 9-10/1946	2.24 9-10/1946
Mar.	Amt. Date	0.63 23/1948	0.81 23/1948	0.87 23/1948	1.10c 8/1942	1.66 26/1945	1.92 12-13/1950
Apr.	Amt. Date	0.95 28/1950	1.02 17/1945	1.12 17/1945	1.36 17/1945	1.61 16-17/1945	2.06 16-17/1945
May	Amt. Date	0.77d 2/1942	0.91 26/1944	1.02 26/1944	1.04 30/1950	1.43 30/1950	1.72 11/1943
Jun.	Amt. Date	1.44 25/1945	1.48 21/1948	1.51 21/1948	2.62 28/1943	2.87 28/1943	3.16 28/1943
Jul.	Amt. Date	2.18 19/1944	2.40 19/1944	2.40 19/1944	2.40 19/1944	2.40 19/1944	2.40 19/1944
Aug.	Amt. Date	1.64 24/1947	2.07 29/1940	2.30 29/1940	3.34 29/1940	4.41 29/1940	6.78 29-30/1940
Sep.	Amt. Date	0.63 27/1942	0.91 27/1942	1.06 27/1942	1.35 29/1944	1.71 26-27/1942	2.10 29-30/1944
Oct.	Amt. Date	0.59 25/1946	0.83 8/1946	1.20 8/1946	2.07 8/1946	3.15 8/1946	4.06 8-9/1946
Nov.	Amt. Date	0.63 19/1945	0.68 19/1945	0.84 28/1948	1.58 28/1948	2.19 28/1948	2.51 28/1948
Dec.	Amt. Date	0.47 27/1940	0.73 25/1945	1.04 7/1950	1.86 7/1950	2.43 6-7/1950	2.61 6-7/1950
Annual	Amt. Date	2.18 7/19/44	2.40 7/19/44	2.40 7/19/44	3.34 8/29/40	4.41 8/29/40	6.78 8/29-30/40

*Given for comparative purposes. See next page for complete record.

a Also 30/1947. b Also 11/1943. c Also 26/1945. d Also 26/1944.

July 1-, and 2-hr, August and November 24-hour are true maxima.

Station: ASHEVILLE WBO CITY, NORTH CAROLINA

Drainage basin: FRENCH BROAD

County: HUNCOMBE

Lat. 35° 36'N Long. 82° 32'W

Elev.(ft.) 2203

Period of record: 1903-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.73 8/1935	1.17 8/1935	1.55 8/1935	2.62 8/1935	3.50 8/1935	3.81 8/1935
Feb.	Amt. Date	0.61 4/1903	0.94 4/1903	1.09 4/1903	1.51 25/1934	2.03 9-10/1946	2.24 9-10/1946
Mar.	Amt. Date	0.80 26/1936	1.50 26/1936	1.64 26/1936	2.16 26/1936	2.16 26/1936	3.19 22-23/1903
Apr.	Amt. Date	1.05 26/1907	1.24 26/1907	1.29 26/1907	1.93 25/1908	2.32 1-2/1920	2.39 1-2/1920
May	Amt. Date	1.54 10/1909	2.70 9-10/1909	3.00 9-10/1909	3.28 9-10/1909	3.28 9-10/1909	3.28 9-10/1909
Jun.	Amt. Date	1.59 15/1931	1.89 3/1918	1.97 3/1918	2.62 28/1943	2.87 28/1943	3.16 28/1943
Jul.	Amt. Date	2.18 19/1944	2.40 19/1944	2.40 19/1944	2.40 19/1944	2.40 19/1944	3.26 10-11/1905
Aug.	Amt. Date	2.70 12/1911	2.82 12/1911	2.82 12/1911	3.34 29/1940	4.64 30-31/1910	6.78 29-30/1940
Sep.	Amt. Date	1.28 4/1904	1.86 30/1929	2.18 30/1929	2.35 30/1929	2.65 30-1/1929	3.56 2-3/1938
Oct.	Amt. Date	1.69 25/1918	2.73 25/1918	2.88 25/1918	4.18 25/1918	5.51 24-25/1918	7.92 24-25/1918
Nov.	Amt. Date	0.71 5/1938	1.12 5/1938	1.45 5/1938	2.00 5/1938	2.38 4-5/1938	2.51 28/1948
Dec.	Amt. Date	0.50 29/1915	0.85 28-29/1915	1.06 2/1905	1.92 2-2/1905	2.54 2-3/1905	2.61a 2-3/1905
Annual	Amt. Date	2.70 8/12/11	2.82 8/12/11	3.00 5/9-10/09	4.18 10/25/18	5.51 10/24-25/18	7.92 10/24-25/18

a Also 6-7/1950.

All 1-, and 2-hr except June and September 2-hr are true maxima. All 24-hr except January through March and June are true maxima.

Station: ASHFORD, NORTH CAROLINA

Drainage basin: CATAWBA

County: McDOWELL

Lat. 35° 52'N Long. 81° 58'W

Elev.(ft.) 1600

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 7/1946	1.07 7/1946	1.11 7/1946	1.62 7/1946	2.02 7-8/1946	2.20 7-8/1946
Feb.	Amt. Date	0.30 11/1943	0.50 10/1946	0.71 10/1946	1.21 10/1946	1.80 9-10/1946	2.00 9-10/1946
Mar.	Amt. Date	0.72 27/1948	0.98 26-27/1948	1.24 27/1948	2.07 26-27/1948	2.39 26-27/1948	2.39 26-27/1948
Apr.	Amt. Date	0.77 11/1947	0.90 17/1945	1.02 17/1945	1.29 17/1945	1.62 12/1949	1.91 16-17/1945
May	Amt. Date	1.51 17/1945	2.47 17/1945	2.72 17/1945	3.40 16-17/1945	3.61 16-17/1945	3.73 16-17/1945
Jun.	Amt. Date	1.35 29/1943	1.80 29/1943	2.48 29/1943	2.70 29/1943	2.70 29/1943	3.55 15-16/1949
Jul.	Amt. Date	1.72 2/1944	2.15 2/1944	2.15 2/1944	2.15 2/1944	2.71 11-12/1949	3.13 11-12/1949
Aug.	Amt. Date	1.90 15/1944	2.30 3/1949	2.34 3/1949	3.23 28/1949	4.57 28/1949	4.90 27-28/1949
Sep.	Amt. Date	0.67 27/1942	1.10 17/1945	1.49 17/1945	2.05 17/1945	2.76 17/1945	4.00 16-17/1945
Oct.	Amt. Date	1.15 9/1947	1.40 9/1947	1.51 9/1947	1.74 20/1944	2.38 19-20/1944	2.42 9-9/1946
Nov.	Amt. Date	0.91 6/1948	1.45 6/1948	1.74 6/1948	1.84 6/1948	2.32 2/1947	2.82 2/1947
Dec.	Amt. Date	0.46 7/1950	0.86 7/1950	1.25 7/1950	2.21 7/1950	3.02 6-7/1950	3.24 4-5/1945
Annual	Amt. Date	1.90 8/15/44	2.47 5/17/45	2.72 5/17/45	3.40 5/16-17/45	4.57 8/28/49	4.90 8/27-28/49

Station: BADIN, NORTH CAROLINA

Drainage basin: PEE DEE

County: STANLY

Lat. 35° 25'N Long. 80° 07'W

Elev.(ft.) 400

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.00 18/1943	1.20 18/1943	1.71 18/1943	2.58 18/1943	2.91 18/1943	3.30 18-19/1943
Feb.	Amt. Date	0.69 16/1942	1.10 16/1942	1.42 16/1942	1.97 16-17/1942	2.29 16-17/1942	2.50 16-17/1942
Mar.	Amt. Date	0.46 2/1942	0.72 2/1942	0.96 2/1942	1.33 2/1942	1.75 2/1942	1.98 19-20/1944
Apr.	Amt. Date	1.14 11/1944	1.49 11/1944	1.72 11/1944	2.29 11/1944	2.49 11-12/1944	2.52 11-12/1944
May	Amt. Date	1.00 21/1942	1.66 20-21/1942	2.04 20-21/1942	2.24 20-21/1942	2.25 20-21/1942	4.12 20-21/1942
Jun.	Amt. Date	1.73 7/1948	2.08 7/1948	2.08 7/1948	2.08 7/1948	2.12 7-8/1948	2.24 7-8/1948
Jul.	Amt. Date	2.49 17/1944	2.77 17/1944	2.77 17/1944	2.86 17-18/1944	3.31 17-18/1944	3.31 17-18/1944
Aug.	Amt. Date	2.24 4/1945	2.89 11/1943	2.90 11/1943	3.07 24-25/1946	3.36 24-25/1946	3.36 24-25/1946
Sep.	Amt. Date	0.94 6/1942	1.20 17/1945	1.58 17/1945	2.22 17/1945	3.84 17/1945	5.06 17/1945
Oct.	Amt. Date	0.77 30/1949	0.88 30/1949	1.12 27/1941	1.71 27-28/1941	1.80 27-28/1941	1.94 8-9/1946
Nov.	Amt. Date	0.73 19/1948	0.83 19/1948	1.07 2/1947	1.26 28/1948	1.81 28/1948	2.00 12-13/1940
Dec.	Amt. Date	0.61 7/1950	0.82 7/1950	0.92 25/1945	1.27 26/1943	1.85 25-26/1943	2.09 25-26/1943
Annual	Amt. Date	2.49 7/17/44	2.89 8/11/43	2.90 8/11/43	3.07 8/24-25/46	3.84 9/17/45	5.06 9/17/45

Station: BEEFTREE DAM, NORTH CAROLINA

Drainage basin: FRENCH BROAD

County: HUNCOMBE

Lat. 35° 38' N Long. 82° 24' W

Elev.(ft.) 2540

Period of record: SEPTEMBER 1948-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.48 19/1950	0.78 19/1950	0.98 19/1950	1.07 19/1950	1.62 18-19/1950	1.65 18-19/1950
Feb.	Amt. Date	0.24 7/1950	0.38 7/1950	0.46 7/1950	0.70 9-10/1949	1.19 9-10/1949	1.27 9-10/1949
Mar.	Amt. Date	0.38 18/1949	0.60 18/1949	0.68 18/1949	0.85 22/1949	1.28 22/1949	1.31 22/1949
Apr.	Amt. Date	0.32 12/1949	0.48 4-5/1950	0.55 12/1949	1.02 12-13/1949	1.23 12-13/1949	1.47 12-13/1949
May	Amt. Date	0.64 30/1950	0.69 30/1950	0.74 30/1950	1.34 30/1950	1.46 30-31/1950	1.70 30-31/1950
Jun.	Amt. Date	1.23 21/1949	2.03 21/1949	2.38 21/1949	2.38 21/1949	2.42 16/1949	3.90 15-16/1949
Jul.	Amt. Date	1.07 16/1949	1.28 16/1949	1.41 16-17/1949	1.59 16-17/1949	1.59 16-17/1949	1.65 16-17/1949
Aug.	Amt. Date	0.56 28/1949	1.01 28/1949	1.33 28/1949	2.47 28/1949	3.21 28/1949	3.27 28/1949
Sep.	Amt. Date	0.77 4/1950	0.78 4/1950	0.78 ^a 6/1948	1.09 5/1948	1.95 5-6/1948	2.83 31-1/1950
Oct.	Amt. Date	0.60 30/1949	0.68 30/1949	0.71 30/1949	0.90 20/1950	1.57 30/1949	2.06 30/1949
Nov.	Amt. Date	0.34 28/1948	0.57 28/1948	0.82 28/1948	1.41 28/1948	1.91 28/1948	2.14 28/1948
Dec.	Amt. Date	0.58 3/1950	0.93 3/1950	1.05 3/1950	1.62 3/1950	2.34 6-7/1950	2.42 6-7/1950
Annual	Amt. Date	1.23 6/21/49	2.03 6/21/49	2.38 6/21/49	2.47 8/28/49	3.21 8/28/49	3.90 6/15-16/49

^a Also 4/1950.

Station: **BEEETREE GAP, NORTH CAROLINA**

Drainage basin: **FRENCH BROAD**

County: **BUNCOMBE**

Lat. 35° 42' N Long. 82° 24' W

Elev.(ft.) 5190

Period of record: **SEPTEMBER 1948-1950**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.32 14/1950	0.50 19/1950	0.70 19/1950	0.80 19/1950	1.38 18-19/1950	1.55 18-19/1950
Feb.	Amt. Date	0.44 15/1949	0.66 15/1949	0.76 15/1949	0.82 6-7/1950	1.14 6-7/1950	1.39 15-16/1949
Mar.	Amt. Date	0.51 27/1950	0.92 27/1950	0.95 27/1950	1.02 27/1950	1.30 12-13/1950	1.92 12-13/1950
Apr.	Amt. Date	0.42 12/1949	0.63 12/1949	0.88 12/1949	1.49 12/1949	1.74 12-13/1949	2.09 12-13/1949
May	Amt. Date	0.51 28/1951	0.67 16/1949	0.74 16/1949	0.85 11/1949	0.99 10-11/1949	1.58 10-11/1949
Jun.	Amt. Date	0.87 16/1949	1.70 16/1949	1.91 16/1949	3.00 16/1949	3.93 16/1949	5.32 15-16/1949
Jul.	Amt. Date	1.60 21/1949	2.25 21/1949	2.34 21/1949	2.40 11-12/1949	3.02 11-12/1949	3.57 11-12/1949
Aug.	Amt. Date	1.03 11/1949	1.30 28/1949	1.88 28/1949	2.98 28/1949	4.37 28/1949	4.93 27-28/1949
Sep.	Amt. Date	0.64 6/1948	0.74 ^a 5/1948	0.97 5/1948	1.43 6/1948	2.80 5-6/1948	4.18 31-1/1950
Oct.	Amt. Date	0.58 30/1949	0.85 13/1949	0.90 13/1949	0.96 13-14/1949	1.51 30/1949	2.46 30-31/1949
Nov.	Amt. Date	0.44 6/1948	0.62 28/1948	0.85 28/1948	1.52 28/1948	2.07 28/1948	2.27 28/1948
Dec.	Amt. Date	0.34 7/1950	0.67 7/1950	0.89 7/1950	1.66 7/1950	2.44 6-7/1950	2.50 6-7/1950
Annual	Amt. Date	1.60 7/21/49	2.25 7/21/49	2.34 7/21/49	3.00 6/16/49	4.37 8/28/49	5.32 6/15-16/49

^a Also 6/1948.

Station: BLUE RIDGE, NORTH CAROLINA

Drainage basin: FRENCH BROAD

County: HENDERSON

Lat. 35° 21' N Long. 82° 22' W

Elev.(ft.) 2270

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 30/1946	0.52a 2/1944	0.81 2-3/1944	1.30 2-3/1944	1.37 30-31/1949	2.12 6-7/1946
Feb.	Amt. Date	0.60 17/1945	0.70 17/1945	0.81 10/1946	1.35 10/1946	2.22 9-10/1946	2.44 9-10/1946
Mar.	Amt. Date	0.72 27/1948	0.94 26/1949	1.00b 26-27/1948	1.65 27/1948	2.24 26/1945	2.80 12-13/1950
Apr.	Amt. Date	0.90 17/1945	1.42 17/1945	1.50 17/1945	1.63 17/1945	1.69 16-17/1946	1.95 16-17/1945
May	Amt. Date	0.96 20/1944	1.01 17/1947	1.08 17/1947	1.21 30/1950	2.09 30-31/1950	2.39 30-31/1950
Jun.	Amt. Date	1.24 23/1948	2.33 30/1950	2.44 30/1950	2.91 21/1948	2.91 21/1948	2.91 21/1948
Jul.	Amt. Date	1.65 14/1946	1.74 14/1946	1.82 3/1946	2.16 11-12/1949	3.25 11-12/1949	3.91 11-12/1949
Aug.	Amt. Date	1.36 8/1947	1.47 28/1949	1.99 28/1949	2.88 28/1949	4.13 28/1949	4.93 27-28/1949
Sep.	Amt. Date	1.05 6/1948	1.54 6/1948	1.66 6/1948	2.71 6/1948	3.72 7/1945	4.11 5-6/1948
Oct.	Amt. Date	1.08 7/1949	1.43 7-8/1949	1.68 20/1944	2.86 20/1944	4.25 19-20/1944	4.28 19-20/1944
Nov.	Amt. Date	0.66 7/1943	0.87 7/1943	1.06 7/1943	1.69 28/1948	2.45 28/1948	2.88 28/1948
Dec.	Amt. Date	0.63 3/1950	1.10 3/1950	1.30c 25/1945	2.10 7/1950	3.02 6-7/1950	3.32 6-7/1950
Annual	Amt. Date	1.65 7/14/46	2.33 6/30/50	2.44 6/30/50	2.91 6/21/48	4.25 10/19-20/44	4.93 8/27-28/49

a Also 19/1950. b Also 27/1950. c Also 3/1950.

Station: BRYSON CITY, NORTH CAROLINA

Drainage basin: LITTLE TENNESSEE

County: SWAIN

Lat. 35° 25' N Long. 83° 27' W

Elev.(ft.) 1900

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.56 7/1946	0.73 27/1950	0.93 20/1947	1.28 20/1947	2.24 18-19/1950	2.75 19-20/1947
Feb.	Amt. Date	0.56 27/1944	0.63 12/1945	0.91 12/1945	1.40 10/1946	1.97 9-10/1946	2.52 9-10/1946
Mar.	Amt. Date	0.54 28/1946	1.04 28/1946	1.17 28/1946	1.62 8/1946	2.20 12-13/1950	3.26 22-23/1950
Apr.	Amt. Date	0.68 17/1945	1.08 17/1945	1.38 17/1945	1.59 17/1945	1.77 16-17/1945	2.02 16-17/1945
May	Amt. Date	1.04 30/1950	1.11 26/1948	1.12 26/1948	1.37 30/1950	2.07 30-31/1950	2.27 30-31/1950
Jun.	Amt. Date	1.47 14/1946	1.77 14/1946	1.85 14/1946	2.65 15-16/1949	3.99 15-16/1949	4.41 15-16/1949
Jul.	Amt. Date	1.42 14/1946	1.96 25/1945	2.13 25/1945	2.38 25-26/1945	2.39 25-26/1945	2.59 13-14/1948
Aug.	Amt. Date	1.43 24/1947	1.58 24/1947	1.58 24/1947	1.58 24/1947	1.71 2-3/1948	2.44 2-3/1948
Sep.	Amt. Date	0.49 6/1944	0.75 29/1944	0.92 29/1944	1.33 29/1944	1.70 6/1949	2.57 29/1944
Oct.	Amt. Date	0.70 6/1949	0.93 30/1949	1.33 30/1949	1.75 30/1949	2.67 30/1949	3.27 30-31/1949
Nov.	Amt. Date	0.60 19/1945	1.04 6/1948	1.35 6/1948	1.82 28/1948	3.01 28/1948	3.66 28/1948
Dec.	Amt. Date	0.40 7/1950	0.62 3/1950	0.82 6-7/1950	1.32 6-7/1950	1.98 6-7/1950	2.26 4-5/1945
Annual	Amt. Date	1.47 6/14/46	1.96 7/25/45	2.13 7/25/45	2.65 6/15-16/49	3.99 6/15-16/49	4.41 6/15-16/49

Station: BURLINGTON, NORTH CAROLINA

Drainage basin: CAPE FEAR

County: ALAMANCE

Lat. 36° 05' N Long. 79° 26' W

Elev.(ft.) 656

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 3/1944	0.54 3/1944	0.83 3/1944	1.09 3/1944	1.53 2-3/1944	1.81 2-3/1944
Feb.	Amt. Date	0.53 5/1943	0.75 5/1943	0.83 5/1943	1.12 10/1946	2.03 10/1946	2.42 9-10/1946
Mar.	Amt. Date	1.01 19/1944	1.37 19/1944	1.37 19/1944	1.37 19/1944	1.37 19/1944	1.42 5-6/1942
Apr.	Amt. Date	0.60 4/1941	0.81 7/1948	1.16 11/1944	1.40 11/1944	1.60 11/1944	1.60 11/1944
May	Amt. Date	1.24 22/1942	1.94 21-22/1942	2.84 21-22/1942	3.09 21-22/1942	3.12 21-22/1942	3.15 21-22/1942
Jun.	Amt. Date	3.20 8/1942	3.82 8/1942	4.28 8/1942	4.45 8/1942	4.45 8/1942	4.68 8-9/1942
Jul.	Amt. Date	1.00 22/1945	1.01 22/1945	1.01 22/1945	1.47 15/1944	1.68 14-15/1949	1.92 14-15/1945
Aug.	Amt. Date	0.96 15/1949	1.28 2/1949	1.62 11/1950	1.74a 28/1949	1.85 15-16/1949	2.69 15-16/1949
Sep.	Amt. Date	1.32 7/1943	1.44 7/1943	1.55 5/1947	1.60 7-8/1943	2.60 24/1947	3.65 24-25/1947
Oct.	Amt. Date	1.45 7/1949	2.25 7/1949	2.95 7/1949	3.20 7/1949	3.31 7/1949	3.35 7/1949
Nov.	Amt. Date	0.47 27/1944	0.70 17/1946	0.94 27/1944	1.21 17/1946	1.52 17-18/1946	1.95 8-9/1943
Dec.	Amt. Date	0.80 4/1950	1.05 4/1950	1.30 3-4/1950	1.62 3-4/1950	1.79 3-4/1950	1.80 3-4/1950
Annual	Amt. Date	3.20 6/8/42	3.82 6/8/42	4.28 6/8/42	4.45 6/8/42	4.45 6/8/42	4.68 6/8-9/42

a Also 11/1950.

Station: CARTHAGE, NORTH CAROLINA

Drainage basin: CAPE FEAR

County: MOORE

Lat. 35° 19' N Long. 79° 25' W

Elev.(ft.) 600

Period of record: 1941-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.69 13/1947	1.01 13/1947	1.23 13/1947	1.63 13/1947	1.93 13-14/1947	2.08 18-19/1943
Feb.	Amt. Date	0.54E 12/1948	0.82E 12/1948	1.13E 12/1948	1.81E 12/1948	2.51E 12/1948	2.56 12/1948
Mar.	Amt. Date	0.51 26/1945	0.84 8/1942	1.04 8/1942	1.88E 6/1943	2.50 6/1943	2.50 6/1943
Apr.	Amt. Date	1.91 4/1941	2.75 4/1941	2.95 4/1941	3.10 4/1941	3.34 4-5/1941	3.39 4-5/1941
May	Amt. Date	3.29 15/1946	5.08 15/1946	5.60 15/1946	5.62 15/1946	5.63 15/1946	5.63 15/1946
Jun.	Amt. Date	1.64 28/1946	2.42 28/1946	2.85 28/1946	2.93 28/1946	2.93 28/1946	2.93 28/1946
Jul.	Amt. Date	1.72 24/1948	2.29 10/1941	2.66 10/1941	2.89 10/1941	2.97 10/1941	3.00 10-11/1941
Aug.	Amt. Date	1.61 30/1949	2.10 25/1946	2.42 17/1942	3.58 17/1942	3.71 17/1942	3.75 16-17/1942
Sep.	Amt. Date	2.01 7/1943	2.16 7/1943	2.20 7/1943	2.41 7/1943	3.31 17/1945	4.67 16-17/1945
Oct.	Amt. Date	0.77 8/1946	1.19 8/1946	1.33 8/1946	1.71 8/1946	2.50E 7/1949	4.62 7-8/1949
Nov.	Amt. Date	0.78 8/1943	0.79 8/1943	0.93 17/1948	1.50 23/1942	1.71 23-24/1942	1.80 23-24/1942
Dec.	Amt. Date	0.71 4/1941	1.06 4/1941	1.16 4/1941	1.33 3-4/1950	1.70 4/1941	1.78 4-5/1941
Annual	Amt. Date	3.29 5/15/46	5.08 5/15/46	5.60 5/15/46	5.62 5/15/46	5.63 5/15/46	5.63 5/15/46

Station: CEDAR MOUNTAIN, NORTH CAROLINA

Drainage basin: FRENCH BROAD

County: TRANSYLVANIA

Lat. 35° 09' N Long. 82° 39' W

Elev.(ft.) 2750

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.62 2/1944	1.13 2-3/1944	1.54 2-3/1944	2.17 2-3/1944	3.00 6/1946	4.64 5-6/1946
Feb.	Amt. Date	0.68 17/1944	0.80 ^a 10/1946	1.13 10/1946	2.02 10/1946	3.38 9-10/1946	3.65 9-10/1946
Mar.	Amt. Date	1.06 26/1948	1.26 26/1948	1.31 ^b 26/1948	2.06 22/1949	3.20 14/1946	3.53 14-15/1946
Apr.	Amt. Date	0.80 17/1945	1.20 ^c 2/1945	1.50 2/1945	1.97 2/1945	3.07 29-30/1949	5.05 29-30/1949
May	Amt. Date	1.13 29/1950	2.04 31/1950	2.14 31/1950	2.21 31/1950	2.31 30-31/1950	3.24 30-31/1950
Jun.	Amt. Date	1.40 21/1948	2.25 17/1946	2.60 21/1948	3.80 21/1948	4.71 16/1949	5.83 15-16/1949
Jul.	Amt. Date	1.92 27/1950	2.73 11/1949	3.24 11/1949	5.05 11-12/1949	7.06 11-12/1949	7.31 11-12/1949
Aug.	Amt. Date	2.50 16/1949	3.18 16/1949	3.24 15/1949	3.38 16/1949	4.19 28/1949	4.99 27-28/1949
Sep.	Amt. Date	0.78 16/1945	0.96 22/1946	1.23 31-1/1950	2.28 31-1/1950	3.01 31-1/1950	4.82 31-1/1950
Oct.	Amt. Date	1.56 31/1944	2.31 31-1/1944	2.75 31-1/1944	3.34 19-20/1950	3.64 6-7/1949	5.97 19-20/1950
Nov.	Amt. Date	0.91 6/1948	2.31 31-1/1944	2.75 31-1/1944	3.19 2-3/1948	3.95 2-3/1948	4.83 18-19/1948
Dec.	Amt. Date	0.74 25/1945	1.16 25/1945	1.64 7/1950	2.88 6-7/1950	4.75 6-7/1950	5.02 6-7/1950
Annual	Amt. Date	2.50 8/16/49	3.18 8/16/49	3.34 8/16/49	5.05 7/11-12/49	7.06 7/11-12/49	7.31 7/11-12/49

a Also 19/1949. b Also 27/1950. c Also 17/1945.

Station: CHAMBERS MOUNTAIN, NORTH CAROLINA*

Drainage basin: FRENCH BROAD

County: HAYWOOD

Lat. 35° 34' N Long. 82° 54' W

Elev.(ft.) 4300

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.57 7/1946	0.58 7/1946	0.75 2/1944	1.20 7/1946	1.54 7/1946	2.13 6-7/1946
Feb.	Amt. Date	0.48 17/1944	0.71 10/1946	1.01 10/1946	1.90 10/1946	2.80 9-10/1946	2.99 9-10/1946
Mar.	Amt. Date	0.56 26/1945	0.81 26/1945	1.05 26/1945	1.37 26/1945	1.82 26/1945	1.92 19/1944
Apr.	Amt. Date	0.54 28/1942	0.75 28/1942	0.78 28/1949	1.07 28/1949	1.29 16-17/1946	1.31 16-17/1946
May	Amt. Date	0.94 27/1950	0.95 27/1950	0.95 27/1950	1.37 20/1942	1.72 20/1942	1.94 19-20/1942
Jun.	Amt. Date	1.68 13/1943	1.87 13/1943	2.50 16/1949	3.60 16/1949	4.56 16/1949	5.15 15-16/1949
Jul.	Amt. Date	1.90 21/1949	2.43 21/1949	2.46 21/1949	2.54 17/1940	2.99 17/1940	3.00 17-18/1940
Aug.	Amt. Date	3.13 4/1941	3.26 4/1941	3.26 4/1941	3.77 4/1941	4.04 29-30/1940	5.06 29-30/1940
Sep.	Amt. Date	1.09 13/1947	1.09 13/1947	1.09 13/1947	1.37 29/1944	1.73 29-30/1944	2.33 29-30/1944
Oct.	Amt. Date	0.69 15/1940	0.71 15/1940	0.98 20/1944	1.65 20/1944	2.54 20/1944	2.78 20/1944
Nov.	Amt. Date	0.54 28/1948	0.83 28/1948	1.14 28/1948	1.99 28/1948	2.79 28/1948	3.21 28/1948
Dec.	Amt. Date	0.53 3/1950	0.77 3/1950	0.90 3/1950	1.04 7/1950	1.58 7/1950	1.69 4-5/1945
Annual	Amt. Date	3.13 8/4/41	3.26 8/4/41	3.26 8/4/41	3.77 8/4/41	4.56 6/16/49	5.15 6/15-16/49

*Formerly Clyde, North Carolina

Station: CHAPEL HILL, NORTH CAROLINA

Drainage basin: CAPE FEAR

County: ORANGE

Lat. 35° 55' N Long. 79° 01' W

Elev.(ft.) 500

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.64 17/1946	1.00E 17/1946	1.42E 17/1946	2.16E 17/1946	2.60E 16-17/1946	3.00 16-17/1946
Feb.	Amt. Date	0.29a 10/1946	0.47 11/1944	0.62 10/1946	1.12 10/1946	2.00 10/1946	2.28 9-10/1946
Mar.	Amt. Date	0.38 31/1948	0.54 31/1948	0.63 7/1948	0.96 7/1948	1.37 7-8/1947	2.34 19-20/1944
Apr.	Amt. Date	0.83 11/1944	1.26 11/1944	1.56 11/1944	2.09 11/1944	2.24 11-12/1944	2.54 11-12/1944
May	Amt. Date	0.78 24/1948	1.10 24/1948	1.35 24/1948	1.45 24/1948	1.45 24/1948	1.67 14/1950
Jun.	Amt. Date	2.08 30/1947	2.20 30/1947	2.20 30/1947	2.20 30/1947	2.20 30/1947	2.20 30/1947
Jul.	Amt. Date	1.66 2/1946	3.03 2/1946	3.11 2/1946	3.47 2-3/1946	3.57 2-3/1946	3.64 2-3/1946
Aug.	Amt. Date	1.70 27/1943	1.75 27/1943	1.80 27/1943	2.36 28/1949	2.44 28/1949	2.44 28/1949
Sep.	Amt. Date	1.33 15/1945	2.02 15-16/1945	2.38 15-16/1945	2.97 30/1944	3.38 29-30/1944	4.79 29-30/1944
Oct.	Amt. Date	1.15 9/1947	1.39 20/1944	1.66 20/1944	2.10 20/1944	2.69 20/1944	2.79 8-9/1946
Nov.	Amt. Date	0.78 2/1947	1.18 4/1948	1.50 27/1944	1.80 28/1948	2.19 28/1948	2.37 3-4/1948
Dec.	Amt. Date	0.62 30/1948	0.72 30/1948	0.95 26/1943	1.47 26/1943	2.01 26/1943	2.33 4-5/1945
Annual	Amt. Date	2.08 6/30/47	3.03 7/2/46	3.11 7/2/46	3.47 7/2-3/46	3.57 7/2-3/46	4.79 9/29-30/44

a Also 23/1950.

Station: CHARLOTTE WB APT, NORTH CAROLINA

Drainage basin: CATAWBA

County: MECKLENBURG

Lat. 35° 14' N Long. 80° 56' W

Elev.(ft.) 750

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.67 18/1943	0.93 18/1943	1.34 18/1943	2.05 18/1943	2.38 18/1943	2.94 18-19/1943
Feb.	Amt. Date	0.70 16/1942	1.29 16/1942	1.37 16/1942	1.75 16/1942	2.14 10/1946	2.31 16-17/1942
Mar.	Amt. Date	0.85 26/1945	1.17 26/1945	1.42 26/1945	1.70 2/1942	2.05 2/1942	3.13 19-20/1944
Apr.	Amt. Date	0.65 11/1944	0.89 11/1944	1.12 11/1944	1.62 11/1944	1.88 11-12/1944	2.02 11-12/1944
May	Amt. Date	0.91 17/1946	0.98 20/1942	0.98 20/1942	1.06 21/1942	1.85 20-21/1942	2.06 20-21/1942
Jun.	Amt. Date	1.27 30/1950	1.92 13/1949	2.39 13/1949	3.52 13/1949	3.76 13/1949	3.78 13-14/1949
Jul.	Amt. Date	1.25 14/1945	1.52 15/1949	1.75 15/1949	2.11 15-16/1949	2.39 15-16/1949	3.00 15-16/1949
Aug.	Amt. Date	3.08 15/1942	4.29 3/1948	4.63 3/1948	5.01 3/1948	5.73 3-4/1948	6.41 3-4/1948
Sep.	Amt. Date	1.90 7/1943	2.01 13/1945	2.14 13/1945	2.54 13/1945	3.47 24/1947	3.85 24/1947
Oct.	Amt. Date	1.06 8/1947	2.07 8/1947	2.29 8/1947	2.43 7/1949	2.90 6-7/1949	4.50 8-9/1946
Nov.	Amt. Date	0.64 3/1950	0.71a 27/1944	0.96 28/1948	1.72 28/1948	2.69 28/1948	2.88 28/1948
Dec.	Amt. Date	0.59 4/1941	0.88 25/1945	1.19 25/1945	1.81 4/1941	2.19E 25-26/1943	2.71E 25-26/1943
Annual	Amt. Date	3.08 8/15/42	4.29 8/3/48	4.63 8/3/48	5.01 8/3/48	5.73 8/3-4/48	6.41 8/3-4/48

a Also 3-4/1950.

Station: CHARLOTTE WB CITY, NORTH CAROLINA*

Drainage basin: CATAWBA

County: MECKLENBURG

Lat. 35° 13' N Long. 80° 51' W

Elev.(ft.) 741

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.67 19/1943	1.01 18/1943	1.44 18/1943	2.06 18/1943	2.46 18/1943	3.24 18-19/1943
Feb.	Amt. Date	0.76 16/1942	1.39 16/1942	1.52 16/1942	1.86 16/1942	2.33 16-17/1942	2.51 16-17/1942
Mar.	Amt. Date	0.68 18/1946	1.16 26/1945	1.34 26/1945	1.73 8/1942	1.98 5-6/1943	3.19 19-20/1944
Apr.	Amt. Date	0.93 17/1945	0.95 17/1945	0.97 4/1941	1.69 11/1944	1.82 11/1944	1.94 11-12/1944
May	Amt. Date	1.44 30/1948	1.53 30/1948	1.54 30/1948	1.54 30/1948	1.90 21/1942	2.78 20-21/1942
Jun.	Amt. Date	1.79 11/1942	2.52 11/1942	2.54 11/1942	2.77 11/1942	2.77 11/1942	2.91 29-30/1943
Jul.	Amt. Date	2.81 1/1944	3.12 1-2/1944	3.14 1-2/1944	5.18 1-2/1944	6.59 1-2/1944	6.59 1-2/1944
Aug.	Amt. Date	1.81 3/1948	2.05 3/1948	2.13 3/1948	2.65 3/1948	2.96 28/1949	3.18 3-4/1948
Sep.	Amt. Date	1.96 7/1943	2.13 16/1945	2.26 16/1945	2.50 16/1945	3.36 24/1947	4.12 16-17/1945
Oct.	Amt. Date	1.43 25/1946	1.60 25/1946	1.66 27/1941	2.17 7/1949	2.84 8/1946	4.35 8-9/1946
Nov.	Amt. Date	0.73 8/1947	0.83 7-8/1947	0.94 28/1948	1.75 28/1948	2.91 28/1948	3.06 28/1948
Dec.	Amt. Date	0.50 25/1940	0.74 7/1950	0.93 4/1941	1.51 4/1941	1.95 25-26/1943	2.18 25-26/1943
Annual	Amt. Date	2.81 7/1/44	3.12 7/1-2/44	3.14 7/1-2/44	5.18 7/1-2/44	6.59 7/1-2/44	6.59 7/1-2/44

*Given for comparative purposes. See next page for complete record.
February 1-, and 2-hr, March 2-hr, are true maxima.

Station: CHARLOTTE WB CITY, NORTH CAROLINA

Drainage basin: CATAWBA

County: MECKLENBURG

Lat. 35° 13' N Long. 80° 51' W

Elev.(ft.) 741

Period of record: 1901-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.05 6/1915	1.54 18-19/1936	1.98 18-19/1936	2.90 18-19/1936	3.41 18-19/1936	3.61 18-19/1936
Feb.	Amt. Date	0.76 16/1942	1.39 16/1942	1.52 16/1942	2.01 25-26/1939	2.33 16-17/1942	3.12 1-2/1916
Mar.	Amt. Date	0.98 27/1932	1.16 26/1945	1.50 15/1912	2.48 15/1912	4.18 15/1912	4.40 14-15/1912
Apr.	Amt. Date	1.68 30/1924	1.89 30/1924	1.95 30/1924	2.82 6/1936	3.00 6/1936	4.08 6-7/1936
May	Amt. Date	1.44 30/1948	2.16 20/1909	2.28 20/1909	2.52 20/1909	3.72 20/1909	3.88 20-21/1909
Jun.	Amt. Date	1.97 3/1934	2.52 11/1942	2.54 11/1942	3.11 14/1912	3.16 14/1912	3.86 3-4/1909
Jul.	Amt. Date	2.81 1/1944	3.12 1-2/1944	3.40 21/1939	5.18 1-2/1944	6.59 1-2/1944	6.59 1-2/1944
Aug.	Amt. Date	2.52 23/1934	2.53 23/1934	2.53 23/1934	2.65 3/1948	3.28 10-11/1928	4.22 24-25/1908
Sep.	Amt. Date	2.35 13/1933	3.29 13/1933	3.98 13/1933	4.10 13/1933	4.12 13/1933	5.16 17-18/1928
Oct.	Amt. Date	2.11 7/1936	2.20 7/1936	2.23 1-2/1933	2.32 7/1936	3.40 16/1932	4.99 16-17/1932
Nov.	Amt. Date	1.41 3/1929	1.51 3/1929	1.55 17/1902	1.90 17-18/1902	2.91 28/1948	3.06 28/1948
Dec.	Amt. Date	0.64 25/1931	0.93 3/1931	1.10 22-23/1907	2.06 3/1931	3.31 3-4/1931	4.50 3-4/1931
Annual	Amt. Date	2.81 7/1/44	3.29 9/13/33	3.98 9/13/33	5.18 7/1-2/44	6.59 7/1-2/44	6.59 7/1-2/44

All 1-hr except May, July and August; all 2-hr except June, July August and November and all 24-hr except April, May, July, August, November, and December are true maxima.

Station: CLINGMANS DOME, NORTH CAROLINA*

Drainage basin: LITTLE TENNESSEE

County: SWAIN

Lat. 35° 33'N Long. 83° 30'W

Elev.(ft.) 6400

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.76 30/1947	0.93 30/1947	1.05 20/1947	1.67 20/1947	2.74 19-20/1947	4.12 4-5/1949
Feb.	Amt. Date	0.88 17/1945	1.30 17/1945	1.47 17/1945	2.19 17/1945	2.62 12-13/1945	3.15 3-4/1943
Mar.	Amt. Date	0.61 8/1946	0.95 7/1948	1.36 7/1948	1.90 8/1946	2.83 19/1944	3.52 19-20/1944
Apr.	Amt. Date	0.95 8/1948	1.08 8/1948	1.13 17/1945	1.71 27-28/1949	2.28 27-28/1949	2.55 16-17/1945
May	Amt. Date	1.91 19/1944	2.86 19/1944	2.97 19/1944	3.02 19/1944	3.02 19/1944	3.02 19/1944
Jun.	Amt. Date	1.84 21/1948	1.98 21/1948	2.10 16/1949	3.30 16/1949	4.58 16/1949	5.18 15-16/1949
Jul.	Amt. Date	1.60 12/1948	2.57 12/1948	2.81 12/1948	2.94 12/1948	3.43 6-7/1941	4.01 6-7/1941
Aug.	Amt. Date	1.69 3/1942	2.89 3/1942	3.69 3/1942	3.94 23/1945	4.34 29-30/1940	6.94 29-30/1940
Sep.	Amt. Date	1.18 8/1947	1.35 6/1942	1.52 29/1944	2.59 6/1949	3.76 6/1949	6.29 28-29/1944
Oct.	Amt. Date	0.73 27/1941	1.14 27/1941	1.50 27/1941	1.91 27/1941	2.84 30-31/1949	5.08 30-31/1949
Nov.	Amt. Date	0.85 6/1948	1.42 6/1948	1.89 6/1948	2.90 6/1948	3.84 6/1948	4.59 28-29/1948
Dec.	Amt. Date	0.52 29/1946	0.82 29/1946	0.94 29/1946	1.54 28/1942	2.70 29/1942	3.92 28-29/1942
Annual	Amt. Date	1.91 5/19/44	2.89 8/3/42	3.69 8/3/42	3.94 8/23/45	4.58 6/16/49	6.94 8/29-30/40

*Formerly Smokemount, North Carolina

Station: COXCOME MOUNTAIN, NORTH CAROLINA*

Drainage basin: FRENCH BROAD

County: BUNCO-YANCEY

Lat. 35° 49'N Long. 82° 21'W

Elev.(ft.) 4250

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.83 30/1947	1.13 30/1947	1.27 30/1947	1.69 7/1946	1.94 7-8/1946	2.28 6-7/1946
Feb.	Amt. Date	0.48 10/1946	0.60a 6/1942	0.88 6/1942	1.03 6/1942	1.33 16/1942	1.61 11-12/1948
Mar.	Amt. Date	0.54 16/1948	0.66 23/1948	0.87 8/1946	1.40 26/1945	1.71 26/1945	1.76 8/1946
Apr.	Amt. Date	0.95 17/1941	1.09 28/1942	1.12 28/1942	1.23 17/1945	1.57 16-17/1945	2.08 16-17/1945
May	Amt. Date	1.87 27/1950	2.08 27/1950	2.08 27/1950	2.08 27/1950	2.22 27-28/1950	2.28 27-28/1950
Jun.	Amt. Date	1.11 4/1950	1.32 16/1949	1.92 16/1949	2.80 16/1949	3.54 16/1949	4.46 15-16/1949
Jul.	Amt. Date	1.37 12/1943	2.35 12/1943	2.35 12/1943	2.41 12/1943	2.54 12-13/1943	2.80 11-12/1949
Aug.	Amt. Date	0.92 3/1947	1.40 20/1949	1.53 13/1940	2.36 13/1940	3.14 13/1940	4.32 12-13/1940
Sep.	Amt. Date	1.12 8/1941	1.17 8/1941	1.28 27/1942	1.99 29/1944	3.14 29/1944	4.74 29-30/1944
Oct.	Amt. Date	0.49 17/1947	0.76 17/1947	1.01 12/1946	1.66 8/1946	2.32 8/1946	2.68 8-9/1946
Nov.	Amt. Date	0.53 1/1940	0.64 1/1940	0.92 2/1947	1.42 2/1947	1.89 2/1947	2.34 2-3/1947
Dec.	Amt. Date	0.42 25/1945	0.72 3/1950	0.96 3/1950	1.46 7/1950	1.88 6-7/1950	1.97 28-29/1942
Annual	Amt. Date	1.87 5/27/50	2.35 7/12/43	2.35 7/12/43	2.80 6/16/49	3.54 6/16/49	4.74 9/29-30/44

*Formerly Pensacola, North Carolina. a Also 15/1949.

Station: DALTON, NORTH CAROLINA

Drainage basin: PEE DEE

County: STOKES

Lat. 36° 17' N Long. 80° 24' W

Elev.(ft.) 785

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 7/1946	1.15 6-7/1946	1.20 6-7/1946	1.28 6-7/1946	1.36 6-7/1946	1.97 6-7/1946
Feb.	Amt. Date	0.54 16/1942	0.83 16/1942	1.04 16/1942	1.48 16/1942	1.66 16-17/1942	1.85 16-17/1942
Mar.	Amt. Date	0.84 17/1945	0.85 17/1945	1.01 31/1948	1.38 26/1945	1.59 31/1948	1.85 31-1/1948
Apr.	Amt. Date	0.86 14/1948	1.12 16/1947	1.27 16/1947	1.64 11/1944	1.81 11/1944	2.10 11-12/1944
May	Amt. Date	1.90 25/1944	2.07 25/1944	2.11 25/1944	3.84 12/1948	4.17 12/1948	4.17 12/1948
Jun.	Amt. Date	1.05 29/1949	1.60 29/1949	1.69 9/1944	1.76 9/1944	1.76 9/1944	1.76 9/1944
Jul.	Amt. Date	1.22 2/1946	1.78 16/1941	2.33 16/1941	2.76 16/1941	3.03 16-17/1941	3.03 16-17/1941
Aug.	Amt. Date	1.53 6/1944	1.80 6/1944	1.81 24/1941	2.34 13-14/1940	2.76 13-14/1940	3.87 13-14/1940
Sep.	Amt. Date	1.55 13/1945	1.84 13/1945	2.10 6/1942	2.90 6/1942	3.40 6/1942	4.84 29-30/1944
Oct.	Amt. Date	0.95 25/1946	1.66 25/1946	1.83 25/1946	1.96 25/1946	2.00 25-26/1946	2.00 25-26/1946
Nov.	Amt. Date	0.40 27/1945	0.70 27/1945	0.95 27-28/1945	1.40 1/1940	1.57 1/1940	1.75 17/1946
Dec.	Amt. Date	0.61 4/1941	0.67 7/1950	0.85 28/1942	1.23 28-29/1942	1.62 4/1941	2.08 28-29/1942
Annual	Amt. Date	1.90 5/25/44	2.07 5/25/44	2.33 7/16/41	3.84 5/12/48	4.17 5/12/48	4.84 9/29-30/44

Station: DOBSON, NORTH CAROLINA

Drainage basin: PEE DEE

County: SURRY

Lat. 36° 23'N Long. 80° 43'W

Elev.(ft.) 1250

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.43 26/1943	0.71 3/1944	0.88 3/1944	1.21 27-28/1943	2.09 27-28/1943	2.60 27-28/1943
Feb.	Amt. Date	0.40 16/1942	0.76 16/1942	0.95 16/1942	1.19 16/1942	1.36 16/1942	1.63 16/1944
Mar.	Amt. Date	0.68 22/1949	0.94 19-20/1943	1.20 19-20/1943	1.69 22/1943	2.14 22/1949	2.43 31-1/1948
Apr.	Amt. Date	0.58 8/1946	0.70 16/1947	0.87 16/1947	1.33E 20/1940	2.21 19-20/1940	2.48 19-20/1940
May	Amt. Date	1.98 21/1942	2.41 21/1942	2.50 21/1942	3.22 21/1942	3.35 21/1942	3.46 21-22/1942
Jun.	Amt. Date	1.65 27/1949	2.25 29/1943	2.65 29/1943	2.98 16-17/1949	5.22 13-14/1947	6.68 13-14/1947
Jul.	Amt. Date	1.61 29/1945	2.01 29/1945	2.04 29/1945	2.36 30/1940	3.47 13-14/1944	3.52 29-30/1940
Aug.	Amt. Date	1.57 17/1942	2.12 17/1942	2.33 17/1942	2.35 17/1942	2.90 18/1949	3.24 13-14/1940
Sep.	Amt. Date	1.93 16/1949	2.34 16/1949	2.39 16/1949	2.39 16/1949	3.35 6/1942	3.87 6-7/1942
Oct.	Amt. Date	1.02 23/1945	1.19 23/1945	1.48 20/1944	2.68 20/1944	3.73 20/1944	3.90 20/1944
Nov.	Amt. Date	0.40 1/1942	0.57 27/1945	0.84 27/1945	0.97 2/1947	1.38 28/1948	1.64 28-29/1948
Dec.	Amt. Date	0.74 7/1950	1.00 7/1950	1.20 7/1950	1.44a 4/1941	1.76 7/1950	1.93 3/1948
Annual	Amt. Date	1.98 5/21/42	2.41 5/21/42	2.65 6/29/43	3.22 5/21/42	5.22 6/13-14/47	6.68 6/13-14/47

a Also 7/1950

Station: ELIZABETH CITY CAA APT, NORTH CAROLINA

Drainage basin: COASTAL

County: PASQUOTANK

Lat. 36° 16'N Long. 76° 11'W

Elev.(ft.) 10

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.70 18/1943	1.10 18/1943	1.52 18/1943	1.83 18/1943	1.94 18/1943	2.31E 2-3/1944
Feb.	Amt. Date	0.56 26/1944	0.86 26/1944	1.09 26/1944	1.37 26/1944	1.45 13/1945	1.63 13/1945
Mar.	Amt. Date	0.92 28/1950	1.19 28/1950	1.21 28/1950	1.53 27/1943	1.80 27/1943	2.07 19-20/1944
Apr.	Amt. Date	0.98 28/1950	1.24 28/1950	1.25 28/1950	1.36 28/1950	1.36 28/1950	1.36 28/1950
May	Amt. Date	1.71 2/1950	1.88 21/1943	1.91 21/1943	2.42 20-21/1943	2.43 20-21/1943	3.49 20-21/1943
Jun.	Amt. Date	1.62 25/1945	2.44 25/1945	3.04 25/1945	4.21 25-26/1945	6.12 25-26/1945	6.21 25-26/1945
Jul.	Amt. Date	2.94 6/1948	4.06 20/1948	4.29 20/1948	4.75 6-7/1948	4.75 6-7/1948	4.75 6-7/1948
Aug.	Amt. Date	2.11 21/1946	3.56 21/1946	3.66 21/1946	3.68 21/1946	3.94 21/1946	3.96 21/1946
Sep.	Amt. Date	1.46 17/1947	2.00 14/1944	2.75 14/1944	3.88 14/1944	4.10 14/1944	4.10 14/1944
Oct.	Amt. Date	1.41 8/1944	1.42 8/1944	1.42 8/1944	1.78 20/1944	2.11 31-1/1949	3.03 31-1/1949
Nov.	Amt. Date	1.83 4/1948	2.81 4/1948	2.91 4/1948	3.92 3-4/1948	4.87 3-4/1948	4.87 3-4/1948
Dec.	Amt. Date	0.55 8/1944	0.78 8/1944	0.94 26/1943	1.37 26/1943	1.74 26/1943	1.81 25-26/1943
Annual	Amt. Date	2.94 7/6/48	4.06 7/20/48	4.29 7/20/48	4.75 7/6-7/48	6.12 6/25-26/45	6.21 6/25-26/45

Station: ELIZABETHTOWN, NORTH CAROLINA

Drainage basin: CAPE FEAR

County: BLADEN

Lat. 34° 37'N Long. 78° 35'W

Elev.(ft.) 60

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.87 17/1943	1.17 17/1943	1.47 17/1943	1.62 17-18/1943	1.68 17-18/1943	1.84 2-3/1944
Feb.	Amt. Date	0.43 5/1943	0.62 5/1943	0.80 19/1949	1.04 19/1949	1.52E 9-10/1948	2.71 9-10/1948
Mar.	Amt. Date	0.87 7/1941	1.13 7/1941	1.67 7/1941	2.41 7/1941	3.42 7/1941	4.31 7/1941
Apr.	Amt. Date	1.07 24/1941	1.31 24/1941	1.44 24/1941	1.55 28/1949	1.96 28/1949	2.23 27-28/1949
May	Amt. Date	1.84 3/1946	2.19 3/1946	2.31 3/1946	2.44 3/1946	2.67 3-4/1946	2.85 3-4/1946
Jun.	Amt. Date	1.23 13/1948	2.07 10/1942	2.80 10/1942	2.92 10/1942	4.51 10/1942	4.60 10/1942
Jul.	Amt. Date	2.09 24/1941	2.20 24/1941	2.28 24/1941	2.30 24/1941	2.30 24/1941	3.03 2-3/1943
Aug.	Amt. Date	1.58 20/1950	1.64 20/1950	1.73 25/1946	2.22 20/1941	2.36 20/1941	3.24 1/1944
Sep.	Amt. Date	1.27 9/1950	1.78 9/1950	2.08 9/1950	3.83 9/1950	4.14 9/1950	6.57 8-9/1950
Oct.	Amt. Date	1.66 10/1947	2.06 9/1950	2.15 9/1950	3.40 20/1950	3.88 19-20/1950	5.19 19-20/1950
Nov.	Amt. Date	0.79 4/1948	0.84 23/1948	0.98 23/1948	1.35 23/1948	1.92 11/1947	2.29 11/1947
Dec.	Amt. Date	0.55 4/1941	1.02 26/1943	1.32 26/1943	2.04 26/1943	2.43 26/1943	2.70 25-26/1943
Annual	Amt. Date	2.09 7/24/41	2.20 7/24/41	2.80 6/10/42	3.83 9/9/50	4.51 6/10/42	6.57 9/8-9/50

Station: ELKVILLE, NORTH CAROLINA

Drainage basin: PEE DEE

County: WILKES

Lat. 36° 04'N Long. 81° 24'W

Elev.(ft.) 1200E

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.47 12/1947	0.72 12/1947	0.95 7/1946	1.47 7/1946	1.68 7-8/1946	2.30 6-7/1946
Feb.	Amt. Date	0.52 16/1942	0.88 16/1942	1.08 16/1942	1.57 20/1940	2.11 20/1940	2.68 20/1940
Mar.	Amt. Date	0.66 17/1943	0.84 27/1948	1.14 27/1948	1.78 27/1948	1.95 22/1949	1.96 22/1949
Apr.	Amt. Date	0.86 17/1945	1.13 17/1945	1.37 17/1945	1.47 17/1945	2.14 18-19/1943	2.54 18-19/1943
May	Amt. Date	0.86 24/1949	1.03 24/1949	1.03 24/1949	1.42 21/1942	1.78 21/1942	2.19 19-20/1942
Jun.	Amt. Date	1.37 13/1947	1.62 13/1947	2.31 13/1947	3.47 13/1947	4.39 13-14/1947	6.50 13-14/1947
Jul.	Amt. Date	1.85 13/1944	2.33 13/1944	2.39 13/1944	2.43 13/1944	2.43 13/1944	3.23 13-14/1944
Aug.	Amt. Date	1.61 22/1942	1.76 12/1943	2.07 15-16/1949	3.68 15-16/1949	4.51 15-16/1949	5.39 15-16/1949
Sep.	Amt. Date	1.58 6/1942	2.12 6/1942	2.34 6/1942	2.94 6/1942	3.70 6/1942	5.36 5-6/1942
Oct.	Amt. Date	0.65 27/1941	1.27 27/1941	1.38 27/1941	2.11 20/1944	3.02 20/1944	3.13 20/1944
Nov.	Amt. Date	0.74 1/1940	0.92 8/1943	1.14 1/1940	1.54 3/1948	1.94 1/1940	3.08 7-8/1943
Dec.	Amt. Date	0.59 4/1941	1.03 4/1941	1.31 7/1950	2.47 7/1950	3.37 6-7/1950	3.38 6-7/1950
Annual	Amt. Date	1.85 7/13/44	2.33 7/13/44	2.39 7/13/44	3.68 8/15-16/49	4.51 8/15-16/49	6.50 6/13-14/47

Station: FRANKLINTON 3 ESE, NORTH CAROLINA

Drainage basin: TAR

County: FRANKLIN

Lat. 36° 06'N Long. 78° 25'W

Elev.(ft.) 300E

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.88 18/1943	1.21 18/1943	1.34 18/1943	1.77 18/1943	2.04 18/1943	2.41 18-19/1943
Feb.	Amt. Date	0.58 14/1950	0.72 14/1950	0.76 14/1950	1.23 16-17/1942	1.57 16-17/1942	1.72 10/1946
Mar.	Amt. Date	0.40 8/1942	0.55 8/1942	0.69 8/1942	1.24 8-9/1942	1.70 6/1943	1.71 6/1943
Apr.	Amt. Date	0.69 30/1950	1.04 11/1944	1.24 11/1944	1.89 11/1944	2.08 11-12/1944	2.08 11-12/1944
May	Amt. Date	0.85 24/1944	0.98 24/1944	0.98 24/1944	1.17 21/1942	1.68 24/1944	2.21E 26-27/1945
Jun.	Amt. Date	1.81 9/1942	1.93 9/1942	2.11 26/1947	2.40 26/1947	2.48 26/1947	2.95 8-9/1942
Jul.	Amt. Date	1.69 15/1944	2.18 15/1944	2.44a 15/1944	3.08 31/1949	3.64 14-15/1944	3.75 14-15/1944
Aug.	Amt. Date	2.00 28/1949	2.56 28/1949	2.70 28/1949	2.92 28/1949	3.05 28/1949	3.11 28-29/1949
Sep.	Amt. Date	1.58 2/1941	1.79 2/1941	1.92 2/1941	2.63 30/1944	2.86 29-30/1944	5.31 29-30/1944
Oct.	Amt. Date	0.92 20/1944	1.37 27-28/1941	1.44 27-28/1941	1.77 27-28/1941	2.05 19-20/1944	2.30 4-5/1948
Nov.	Amt. Date	1.35 4/1948	1.70 4/1948	1.96 4/1948	2.53 4/1948	3.00 3-4/1948	3.11 3-4/1948
Dec.	Amt. Date	0.89 4/1941	1.23 4/1941	1.28 4/1941	1.30 4/1941	1.67 4/1941	2.02 4-5/1945
Annual	Amt. Date	2.00 8/28/49	2.56 8/28/49	2.70 8/28/49	3.08 7/31/49	3.64 7/14-15/44	5.31 9/29-30/44

a Also 31/1949

Station: GATESVILLE, NORTH CAROLINA

Drainage basin: CHOWAN

County: GATES

Lat. 36° 24' N Long. 76° 45' W

Elev.(ft.) 40

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.58 18/1943	0.75 13/1948	0.98 18/1943	1.32 13/1948	1.89 2-3/1944	2.25 2-3/1944
Feb.	Amt. Date	0.41 22/1945	0.66 12/1945	0.96 12/1945	1.46 12-13/1945	1.65 12-13/1945	1.74 12-13/1945
Mar.	Amt. Date	0.57 27/1948	0.99 23/1949	1.15 23/1949	1.71 23/1949	1.76 22-23/1949	2.50 19-20/1944
Apr.	Amt. Date	0.73 8/1946	1.03 8/1946	1.11 8/1946	1.17 11/1944	1.47 11-12/1944	1.47 11-12/1944
May	Amt. Date	1.37 29/1950	1.59 29/1950	1.69 20/1943	2.12 20-21/1943	2.59 20-21/1943	2.71 20-21/1943
Jun.	Amt. Date	2.43 28/1949	2.84 28/1949	2.89 28/1949	3.06 28/1949	3.58 28-29/1949	4.73 28-29/1949
Jul.	Amt. Date	1.99 23/1946	2.94 23/1946	3.50 23/1946	3.88 23/1946	3.97E 23/1946	4.15E 22-23/1946
Aug.	Amt. Date	1.57 4/1948	1.68 27/1947	1.80 27/1947	1.85 27/1947	1.86 27/1947	1.98 27-28/1947
Sep.	Amt. Date	1.30 20/1942	1.53 3/1941	2.12 3/1941	3.39 3/1941	3.64 2-3/1941	3.64 2-3/1941
Oct.	Amt. Date	0.70 28/1941	1.27 28/1941	1.62 28/1941	2.06 28/1941	2.17 31-1/1949	3.29 31-1/1949
Nov.	Amt. Date	1.05 10/1942	1.13 10/1942	1.29 3/1947	1.94 3/1947	3.00 3/1947	3.31 2-3/1947
Dec.	Amt. Date	0.63 15/1947	0.80 30/1948	0.99 30/1948	1.30 30/1948	1.63 26/1943	1.74 25-26/1943
Annual	Amt. Date	2.43 6/28/49	2.94 7/23/46	3.50 7/23/46	3.88 7/23/46	3.97E 7/23/46	4.73 6/28-29/49

Station: GLADE GAP, NORTH CAROLINA*

Drainage basin: LITTLE TENNESSEE

County: CLAY

Lat. 35° 04'N Long. 83° 38'W

Elev.(ft.) 3800

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.65 18/1943	1.13 18/1943	1.48 18/1943	2.40 18/1943	3.14 18/1943	3.98 17-18/1943
Feb.	Amt. Date	0.80 26/1944	1.08 26/1944	1.25 26/1944	1.66 10/1946	2.37 9-10/1946	3.33 26-27/1944
Mar.	Amt. Date	1.01 15/1942	1.33 15/1942	1.42 15/1942	1.88 12-13/1950	2.96 12-13/1950	4.51 12-13/1950
Apr.	Amt. Date	0.87 4/1950	1.10 4/1950	1.24 17/1945	1.48 25/1946	1.96 25/1946	2.00 16-17/1945
May	Amt. Date	1.30 27/1950	1.34 17/1945	1.34 17/1945	1.87 20/1942	2.01 19-20/1942	2.50 19-20/1942
Jun.	Amt. Date	1.30 11/1947	2.00 16/1949	2.55 16/1949	3.53 15-16/1949	5.29E 15-16/1949	7.37 15-16/1949
Jul.	Amt. Date	2.23 15/1943	2.32 15/1943	3.70 14/1946	4.12 14/1946	4.12 14/1946	4.84 14-15/1946
Aug.	Amt. Date	2.00 23/1947	2.26 23/1947	2.27 23/1947	2.27 23/1947	2.99 12-13/1940	4.28 12-13/1940
Sep.	Amt. Date	1.07 4/1941	1.17 4/1941	1.20 6/1949	1.92 6/1949	2.48 5-6/1949	3.33 19-20/1943
Oct.	Amt. Date	0.72 27/1941	1.18 27/1941	1.30 27/1941	2.29 27/1941	2.42 22-23/1945	2.99 30-31/1949
Nov.	Amt. Date	0.60 20/1950	0.91 6/1948	1.29 6/1948	1.67 28/1948	2.93 28/1948	3.66 28/1948
Dec.	Amt. Date	0.62 3/1950	1.04 3/1950	1.23 3/1950	1.44 3/1950	1.85 29/1942	2.90 28-29/1942
Annual	Amt. Date	2.23 7/15/43	2.32 7/15/43	3.70 7/14/46	4.12 7/14/46	5.29E 6/15-16/49	7.37 6/15-16/49

*Formerly Shooting Creek, North Carolina.

Station: GLOUCESTER GAP, NORTH CAROLINA

Drainage basin: FRENCH BROAD

County: TRANSYLVANIA

Lat. 35° 16'N Long. 82° 50'W

Elev.(ft.) 3050

Period of record: 1945-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.42 5/1946	0.83 5/1946	0.97 5/1946	1.25 20/1947	2.26 19-20/1947	2.97 19-20/1947
Feb.	Amt. Date	0.39 12/1948	0.67 12/1948	0.89 12/1948	1.59 10/1946	2.49 10/1946	2.80 9-10/1946
Mar.	Amt. Date	0.51 26/1948	0.71 14/1946	1.02 31/1948	1.71 14/1946	2.73 14/1946	3.26 12-13/1950
Apr.	Amt. Date	0.69 11/1947	0.98 11/1947	1.12 11/1947	1.27 11/1947	2.29 11/1947	3.18 10-11/1947
May	Amt. Date	0.79 ^a 3/1946	1.50 26/1948	1.53 26/1948	1.54 26/1948	1.83 2/1946	1.86 2/1946
Jun.	Amt. Date	2.04 28/1948	2.11 28/1948	2.11 28/1948	2.90 16/1949	4.18 16/1949	5.23 15-16/1949
Jul.	Amt. Date	2.03 10/1949	2.05 10/1949	2.22 10/1949	2.25 10/1949	3.10 11-12/1949	3.70 11-12/1949
Aug.	Amt. Date	1.39 2/1948	1.99 2/1948	2.30 2/1948	3.00 2-3/1948	3.87 2-3/1948	4.12 2-3/1948
Sep.	Amt. Date	1.46 4/1950	1.48 4/1950	1.48 4/1950	2.01 5/1948	3.50 5-6/1948	4.94 7-8/1950
Oct.	Amt. Date	1.00 20/1950	1.72 20/1950	2.21 20/1950	3.21 20/1950	3.82 19-20/1950	6.19 19-20/1950
Nov.	Amt. Date	0.70 5/1948	1.29 19/1948	1.64 19/1948	2.36 28/1948	3.44 19/1948	4.66 18-19/1948
Dec.	Amt. Date	0.75 25/1945	1.41 7/1950	2.00 6-7/1950	3.18 6-7/1950	4.80 6-7/1950	5.15 6-7/1950
Annual	Amt. Date	2.04 6/28/48	2.11 6/28/48	2.30 8/2/48	3.21 10/20/50	4.80 12/6-7/50	6.19 10/19-20/50

^a Also 26/1948.

Station: GREENSBORO WB APT, NORTH CAROLINA*

Drainage basin: CAPE FEAR

County: GUILFORD

Lat. 36° 05'N Long. 79° 57'W

Elev.(ft.) 891

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.67 19/1943	0.77 19/1943	0.84 16/1941	1.12 18-19/1943	1.38 ^a 18-19/1943	2.20 18-19/1943
Feb.	Amt. Date	0.50 16/1942	0.90 16/1942	1.21 16/1942	1.86 16/1942	2.09 16-17/1942	2.52 9-10/1946
Mar.	Amt. Date	0.53 8/1942	0.96 8/1942	1.25 8/1942	1.90 8/1942	1.99 8/1942	1.99 8/1942
Apr.	Amt. Date	0.86 11/1944	1.33 11/1944	1.57 11/1944	2.20 11/1944	2.69 11/1944	2.70 11-12/1944
May	Amt. Date	1.35 17/1946	1.58 20/1940	1.66 20/1940	1.69 20/1940	2.01 29/1940	2.58 29-30/1940
Jun.	Amt. Date	1.36 12/1941	2.03 12/1941	2.06 12-13/1941	2.25 12-13/1941	2.26 12-13/1941	2.26 12-13/1941
Jul.	Amt. Date	2.84 14/1944	2.85 14/1944	2.85 14/1944	2.85 14/1944	2.95 14-15/1944	4.43 13-14/1944
Aug.	Amt. Date	2.15 15/1949	2.60 15/1949	2.90 15/1949	4.13 15-16/1949	4.33 15-16/1949	4.47 15-16/1949
Sep.	Amt. Date	1.23 24/1947	2.14 24/1947	2.95 24/1947	5.27 24/1947	6.90 24/1947	7.50 24-25/1947
Oct.	Amt. Date	0.69 31/1949	0.90 26/1942	1.21 26/1942	1.70 26/1942	2.63 30/1949	3.90 30-31/1949
Nov.	Amt. Date	0.81 27/1944	1.00 27/1944	1.09 27/1944	1.39 27/1944	1.78 28/1948	2.04 28/1948
Dec.	Amt. Date	0.55 1/1942	0.62 1/1942	0.80 26/1943	1.12 26/1943	1.38 25-26/1943	1.70 4-5/1945
Annual	Amt. Date	2.84 7/14/44	2.85 7/14/44	2.95 9/24/47	5.27 9/24/47	6.90 9/24/47	7.50 9/24-25/47

*Given for comparative purposes. See next page for complete record.

^a Also 2-3/1944.

February 2-hr amount, September 2-, and 24-hr amounts, and November 1-, and 2-hr amounts are true maxima.

Station: GREENSBORO WB APT, NORTH CAROLINA*

Drainage basin: CAPE FEAR

County: GULLFORD

Lat. 36° 05'N Long. 79° 57'W

Elev.(ft.) 891

Period of record: 1928-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.89 19/1936	0.95 19/1936	1.09 19/1936	1.39 19/1937	2.30 18-19/1936	3.06 18-19/1936
Feb.	Amt. Date	0.60 25/1934	1.10 25/1934	1.40 25/1934	2.05 25-26/1934	2.55 25-26/1934	3.02 25-26/1934
Mar.	Amt. Date	0.79 22/1932	1.04 22/1932	1.25 8/1942	2.01 6/1932	2.88 6/1932	3.07 5-6/1932
Apr.	Amt. Date	0.86 11/1944	1.33 11/1944	1.57 11/1944	2.20 11/1944	2.69 11/1944	2.70 11-12/1944
May	Amt. Date	1.76 6/1930	1.76 6/1930	1.79 29/1930	2.00 29/1930	2.38 29/1930	2.64 29-30/1930
Jun.	Amt. Date	1.36 12/1941	2.03 12/1941	2.06 12-13/1941	2.25 12-13/1941	2.70 11/1932	4.13 11-12/1932
Jul.	Amt. Date	2.84 14/1944	2.85 14/1944	2.85 14/1944	2.85 14/1944	2.95 14-15/1944	4.43 13-14/1944
Aug.	Amt. Date	2.15 15/1949	2.60 15/1949	2.90 15/1949	4.13 15-16/1949	4.33 15-16/1949	4.47 15-16/1949
Sep.	Amt. Date	1.61 12/1934	2.14 24/1947	2.95 24/1947	5.27 24/1947	6.90 24/1947	7.50 24-25/1947
Oct.	Amt. Date	0.74 1/1939	1.01 17/1932	1.23 17/1932	2.10 17/1932	3.67 16-17/1932	4.79 16-17/1932
Nov.	Amt. Date	0.81 27/1944	1.00 27/1944	1.09 27/1944	1.65 19/1938	2.63 19/1938	3.02 19-20/1938
Dec.	Amt. Date	0.65 1/1934	0.93 31/1936	0.97 31/1936	1.12 26/1943	1.48 16-17/1932	2.00 16-17/1932
Annual	Amt. Date	2.84 7/14/44	2.85 7/14/44	2.95 9/24/47	5.27 9/24/47	6.90 9/24/47	7.50 9/24-25/47

*Formerly Greensboro WB City, North Carolina.
1-, 2-, and 24-hr amounts for January, March and September through December except September 24-hr amount are true maxima.

Station: GREENVILLE, NORTH CAROLINA

Drainage basin: TAR

County: PITT

Lat. 35° 36'N Long. 77° 23'W

Elev.(ft.) 50E

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.68 13/1948	0.84 13/1948	0.96 13/1948	1.31 13/1948	1.70 16-17/1946	2.32 16-17/1946
Feb.	Amt. Date	0.39 19/1946	0.55 19/1949	0.68 12/1948	1.13 19/1949	1.50E 9-10/1948	2.20 9-10/1948
Mar.	Amt. Date	1.07 21/1945	1.16 21/1945	1.26 6-7/1944	1.39 6-7/1944	1.47 8/1947	1.66 6-7/1944
Apr.	Amt. Date	1.02 19/1943	1.63 19/1943	2.10 19/1943	2.46 19/1943	2.82 19/1943	2.92 19/1943
May	Amt. Date	1.10 13/1948	1.41 12/1946	1.42 12/1946	1.65 21/1943	1.65 21/1943	1.99 12-13/1946
Jun.	Amt. Date	3.95 30/1944	5.70 30/1944	5.76E 30/1944	5.92E 30/1944	5.98 30/1944	5.98 30/1944
Jul.	Amt. Date	1.07 11/1950	1.50 23/1946	1.50 23/1946	1.85 10/1943	1.85 10/1943	2.14 23/1946
Aug.	Amt. Date	3.65 11/1943	5.86 11/1943	6.15 11/1943	6.35 11/1943	6.35 11/1943	6.35 11/1943
Sep.	Amt. Date	2.32 7/1947	4.16 7/1947	6.02 7/1947	8.58 6-7/1947	9.32 6-7/1947	9.32 6-7/1947
Oct.	Amt. Date	0.72 11/1942	1.13 11/1942	1.50 11/1942	2.32 11/1942	2.98 11/1942	4.51 11-12/1942
Nov.	Amt. Date	1.25 17/1948	1.49 17/1948	1.69 17/1948	1.75 31-1/1949	2.50 31-1/1949	3.06 31-1/1949
Dec.	Amt. Date	0.79 30/1948	1.09 30/1948	1.34 26/1943	2.10 26/1943	2.48 26/1943	2.60 25-26/1943
Annual	Amt. Date	3.95 6/30/44	5.86 8/11/43	6.15 8/11/43	8.58 9/6-7/47	9.32 9/6-7/47	9.32 9/6-7/47

Station: HATTERAS WB CITY, NORTH CAROLINA*

Drainage basin: COASTAL

County: DARE

Lat. 35° 15'N Long. 75° 40'W

Elev.(ft.) 7

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.69 6/1949	0.76 23/1940	1.03 23/1940	1.75 23/1940	2.07 23/1940	2.29 27-28/1943
Feb.	Amt. Date	1.31 18/1940	1.57 18/1940	1.63a 18/1940	2.08 26/1944	2.13 26/1944	2.23 10-11/1940
Mar.	Amt. Date	0.78 27/1943	1.31 7/1944	1.60 27/1943	2.53 27/1943	2.58 27/1943	2.58 27/1943
Apr.	Amt. Date	1.29 12/1946	1.37 12/1946	1.37 12/1946	1.39 12/1946	1.40 12/1946	1.75 12-13/1949
May	Amt. Date	2.94 20/1940	4.71 20/1940	4.93 20/1940	5.10 20/1940	5.28 20/1940	5.40 20/1940
Jun.	Amt. Date	4.57 30/1949	5.77 30/1949	5.89 30/1949	8.00 30/1949	11.19 30/1949	14.90 30-1/1949
Jul.	Amt. Date	2.08 6/1946	2.43b 6/1946	3.41 6/1946	4.03 6/1946	7.45E 30-1/1949	14.90 30-1/1949
Aug.	Amt. Date	1.85 22/1948	2.25c 22/1948	2.71 24/1949	3.66 24/1949	3.69 27-28/1947	3.79 24/1949
Sep.	Amt. Date	1.81 7/1949	2.77 18/1944	3.31 18/1944	3.60 18/1944	3.66 14/1944	4.21 24-25/1947
Oct.	Amt. Date	1.40 14/1942	2.40 14/1942	3.15 14/1942	5.32 14/1942	9.03 13-14/1942	12.46 13-14/1942
Nov.	Amt. Date	1.25 9/1943	1.44 11/1947	2.09 11/1947	3.65 11/1947	4.14 11/1947	4.26 11/1947
Dec.	Amt. Date	2.13 3/1948	2.57 3/1948	2.86 3/1948	3.23 23-24/1941	3.56 23-24/1941	3.65 23-24/1941
Annual	Amt. Date	4.57 6/30/49	5.77 6/30/49	5.89 6/30/49	8.00 6/30/49	11.19 6/30/49	14.90 6/30- 7/1/49

*Given for comparative purposes. See next page for complete record.
a Also 26/1944. b Also 10/1946. c Also 24/1949.
February 1-, and 2-hr amounts, October 24-hr amount and December 1-, and
2-hr amounts are true maxima.

Station: HATTERAS WB CITY, NORTH CAROLINA

Drainage basin: COASTAL

County: DARE

Lat. 35° 15' N Long. 75° 40' W

Elev.(ft.) 7

Period of record: 1900-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.47 23/1934	1.90 23/1934	1.92 23/1934	2.65 27/1922	3.21 27/1922	3.44 29-30/1939
Feb.	Amt. Date	2.01 8/1906	2.69 8/1906	3.21 8-9/1906	3.72 8-9/1906	4.18 8-9/1906	4.34 8-9/1906
Mar.	Amt. Date	1.34 21/1924	1.94 6/1932	2.35 6/1932	2.80 6/1932	3.28 6/1932	3.28 6/1932
Apr.	Amt. Date	2.08 23/1928	2.73 23/1928	2.82 23/1928	2.84 23/1928	3.63 23/1928	4.49 23/1928
May	Amt. Date	2.94 20/1940	4.71 20/1940	4.93 20/1940	5.73 2/1934	6.22 2/1934	7.44 2-3/1934
Jun.	Amt. Date	4.57 30/1949	5.77 30/1949	5.89 30/1949	8.00 30/1949	11.19 30/1949	14.90 30-1/1949
Jul.	Amt. Date	2.64 11/1933	4.93 21/1924	5.47 21/1924	5.93 21/1929	7.45E 30-1/1949	14.90 30-1/1949
Aug.	Amt. Date	2.52 8/1936	2.97 26/1908	3.07 26/1908	3.66 24/1949	4.21 3/1907	4.86 27-28/1910
Sep.	Amt. Date	5.35 5/1928	5.86 5/1928	6.19 5/1928	7.73 5/1928	9.10E 15-16/1933	12.53 15-16/1933
Oct.	Amt. Date	2.12 31/1921	2.66 31/1921	3.15 14/1942	5.32 14/1942	9.03 13-14/1942	12.46 13-14/1942
Nov.	Amt. Date	2.08 26/1932	2.61 26/1932	2.68 26/1932	3.65 11/1947	4.14 11/1947	4.26 11/1947
Dec.	Amt. Date	2.13 3/1948	2.57 3/1948	2.86 3/1948	3.23 23-24/1941	3.56 23-24/1941	4.06 4-5/1938
Annual	Amt. Date	5.35 9/5/28	5.86 9/5/28	6.19 9/5/28	8.00 6/30/49	11.19 6/30/49	14.90 6/30- 7/1/49

1-, 2-, and 24-hr amounts for January, March, October, and December, February 24-hr amount, and September and December 1-, and 2-hr amounts are true maxima.

Station: HAYWOOD GAP, NORTH CAROLINA

Drainage basin: FRENCH BROAD

County: JACKSON

Lat. 35° 18'N Long. 82° 55'W

Elev.(ft.) 5400

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.42 1/1948	0.63a 1/1945	0.89 19/1950	1.28 2-3/1944	2.12 19-20/1947	2.88 19-20/1947
Feb.	Amt. Date	0.85 17/1944	0.89 17/1944	1.04 25/1944	1.67 10/1946	2.51 10/1946	2.86 9-10/1946
Mar.	Amt. Date	0.82 27/1944	1.06 23/1948	1.32 23/1948	2.14 14/1946	2.92 14/1946	3.37 12-13/1950
Apr.	Amt. Date	0.75b 17/1945	1.05 17/1945	1.49 16/1945	1.81 16/1945	2.48 16-17/1945	3.86 16-17/1945
May	Amt. Date	0.82 15/1945	0.82 15/1945	0.93 2/1946	1.44 2/1946	1.79 2/1946	2.07 2/1946
Jun.	Amt. Date	1.20 18/1948	1.48 16/1949	2.18 16/1949	3.10 16/1949	4.79 15-16/1949	6.29 15-16/1949
Jul.	Amt. Date	1.10 21/1949	1.48 21/1949	1.48 21/1949	1.78 21/1949	1.92 21/1949	2.60 11-12/1949
Aug.	Amt. Date	1.10 8/1947	2.00 31/1950	3.00 31/1950	3.69 31/1950	4.88 31-1/1950	6.88E 31-1/1950
Sep.	Amt. Date	0.61 14/1945	1.10 5/1948	1.75E 31-1/1950	3.50 31-1/1950	4.88 31-1/1950	6.88E 31-1/1950
Oct.	Amt. Date	0.79 20/1950	1.19 20/1950	1.76 20/1950	2.70 20/1950	3.28 19-20/1950	5.34 19-20/1950
Nov.	Amt. Date	0.71 6/1948	1.07 6/1948	1.48 3/1948	2.28 3-4/1948	4.00 19/1948	5.75 18-19/1948
Dec.	Amt. Date	1.01 7/1950	1.61 7/1950	2.01 7/1950	3.20 6-7/1950	4.95 6-7/1950	5.34 6-7/1950
Annual	Amt. Date	1.20 6/18/48	2.00 8/31/50	3.00 8/31/50	3.69 8/31/50	4.95 12/6-7/50	6.88E 8/31- 9/1/50

a Also 5/1946. b Also 8/1946.

Station: HIWASSEE DAM, NORTH CAROLINA

Drainage basin: HIWASSEE

County: CHEROKEE

Lat. 35° 09'N Long. 84° 11'W

Elev.(ft.) 1500

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 19/1950	0.94 18/1943	1.19 18-19/1950	1.75 15/1947	2.70 18-19/1950	3.22 4-5/1949
Feb.	Amt. Date	0.83 26/1944	1.27 26/1944	1.38 16/1942	1.86 16/1942	2.48 16/1942	2.93 12-13/1945
Mar.	Amt. Date	0.99 28/1948	1.21 6/1944	1.48 6/1944	2.05 12-13/1950	2.85 12-13/1950	4.32 12-13/1950
Apr.	Amt. Date	1.05 28/1949	1.36 28/1949	1.65 28/1949	2.05 28/1949	2.46 28/1949	2.66 28-29/1949
May	Amt. Date	1.34 20/1942	1.34 20/1942	1.38 27-28/1950	1.47 29/1948	1.47 29/1948	2.27 27-28/1950
Jun.	Amt. Date	1.62 29/1941	1.64 ^a 29/1941	1.65 4/1942	1.71 4/1942	1.91 29/1941	1.98 28-29/1941
Jul.	Amt. Date	1.73 8/1942	1.84 8/1942	2.04 13/1943	2.43 13/1943	2.60 8-9/1942	3.07 12-13/1943
Aug.	Amt. Date	1.31 17/1942	1.46 1/1948	1.88 1/1948	2.10 1/1948	2.12 1/1948	2.14 1/1948
Sep.	Amt. Date	0.69 ^b 9/1947	0.97 7/1947	1.31 29/1944	2.14 5-6/1949	2.47 5-6/1949	2.70 5-6/1949
Oct.	Amt. Date	1.71 27/1941	2.26 6/1949	2.26 6/1949	2.26 6/1949	3.24 30/1949	5.15 30-31/1949
Nov.	Amt. Date	1.20 20/1950	1.67 20/1950	1.70 20/1950	2.10 28/1948	3.65 28/1948	4.19 27-28/1948
Dec.	Amt. Date	0.74 15/1947	0.89 15/1947	1.02 28/1942	1.65 28/1942	2.17 28/1942	2.96 28-29/1942
Annual	Amt. Date	1.73 7/8/47	2.26 10/6/49	2.26 10/6/49	2.43 7/13/43	3.65 11/28/48	5.15 10/30-31/49

a Also 4/1942. b Also 9/1948.

Station: KILL DEVIL HILLS, NORTH CAROLINA

Drainage basin: COASTAL

County: DARE

Lat. 36° 01' N Long. 75° 40' W

Elev.(ft.) 11

Period of record: 1941-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.88 3/1947	0.90 3/1947	0.90 3/1947	1.29 3/1944	1.65 31-1/1948	1.89 2-3/1944
Feb.	Amt. Date	0.57 6/1942	0.88 14/1944	1.05 14/1944	1.26a 14/1944	1.65 31-1/1948	1.80 31-1/1948
Mar.	Amt. Date	0.54 27/1943	0.95 27/1943	1.18 28/1941	1.98 28/1941	2.39 28/1941	2.39 28/1941
Apr.	Amt. Date	0.60b 5/1941	1.13 5/1941	1.40 5/1941	1.57 5/1941	1.83 5/1941	2.06 5/1941
May	Amt. Date	1.00 26/1943	1.21 26/1943	1.25 26/1943	1.42 12/1943	1.70 12/1943	1.83 2-3/1950
Jun.	Amt. Date	0.97 25/1945	1.49 25/1945	1.87 25/1945	2.99 15/1947	4.41 15/1947	4.46 14-15/1947
Jul.	Amt. Date	2.08 8/1941	3.18 8/1941	3.35 8/1941	4.14 8/1941	4.98 8/1941	5.45 8/1941
Aug.	Amt. Date	1.97 5/1942	2.33 18/1942	2.88 18/1942	3.90 18/1942	4.15 18/1942	4.23 18-19/1942
Sep.	Amt. Date	2.42 4/1941	3.52 4/1941	3.71 4/1941	3.85 4/1941	4.31 24/1947	5.04 29-30/1944
Oct.	Amt. Date	0.68 25/1943	1.11 11/1942	1.40 11/1942	2.09 14/1942	3.61 11/1942	4.29 11-12/1942
Nov.	Amt. Date	1.32 4/1948	1.86 4/1948	2.45 4/1948	2.80 4/1948	3.14 4/1948	3.15 3-4/1948
Dec.	Amt. Date	0.80 15/1947	1.48 3/1948	1.55 3/1948	1.92 15/1947	2.19 23-24/1941	2.20 23-24/1941
Annual	Amt. Date	2.42 9/4/41	3.52 9/4/41	3.71 9/4/41	4.14 7/8/41	4.98 7/8/41	5.45 7/8/41

a Also 1/1948.

b Also 27/1948.

Station: LAKE LURE , NORTH CAROLINA

Drainage basin: BROAD

County: RUTHERFORD

Lat. 35° 26'N Long. 82° 12'W

Elev.(ft.) 2000E

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.42 30/1946	0.68 3/1944	1.01 2-3/1944	1.45 2-3/1944	1.56 2-3/1944	2.11 18-19/1943
Feb.	Amt. Date	0.45 16/1942	0.83 16/1942	1.18 16/1942	1.76 16/1942	2.18 16/1942	2.37 9-10/1946
Mar.	Amt. Date	0.62 27/1948	0.87 26-27/1948	1.00 26-27/1948	1.76 8/1942	2.25 14/1946	2.94 12-13/1950
Apr.	Amt. Date	0.81 17/1945	1.02 17/1945	1.31 11/1949	1.65 18-19/1943	2.58 18-19/1943	3.48 18-19/1943
May	Amt. Date	1.35 15/1942	2.25 15/1942	2.47 15/1942	3.42 15/1942	4.41 15/1942	5.12 15/1942
Jun.	Amt. Date	1.88 21/1948	2.20 21/1948	2.22 21/1948	2.41 16/1949	3.58 13-14/1947	4.40 13-14/1947
Jul.	Amt. Date	1.20 7/1943	1.88 11/1948	2.44 11/1948	4.19 11/1948	5.45 11/1948	6.93 10-11/1948
Aug.	Amt. Date	1.14 3/1948	2.23 3/1948	2.89 3/1948	3.98 2-3/1948	5.21 2-3/1948	5.49 27-28/1949
Sep.	Amt. Date	1.49 8/1945	1.88 6/1948	2.29 6/1948	2.64 6/1948	3.42 5-6/1948	4.01 5-6/1948
Oct.	Amt. Date	0.90 20/1950	1.31 20/1950	1.59 28/1947	2.29 20/1950	2.60 8/1946	4.60 19-20/1950
Nov.	Amt. Date	0.60 3/1948	1.09 3/1948	1.57 3/1948	2.55 3/1948	3.46 2-3/1948	3.81 2-3/1948
Dec.	Amt. Date	0.62 7/1950	1.17 7/1950	1.58 7/1950	2.71 7/1950	4.16 6-7/1950	4.37 6-7/1950
Annual	Amt. Date	1.88 6/21/48	2.25 5/15/42	2.89 8/3/48	4.19 7/11/48	5.45 7/11/48	6.93 7/10-11/48

Station: LAUREL MOUNTAIN, NORTH CAROLINA

Drainage basin: LITTLE TENNESSEE

County: JACKSON

Lat. 35° 09'N Long. 83° 05'W

Elev.(ft.) 4200

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.88 1/1948	1.28 1/1948	1.44 1/1948	1.61 2-3/1944	2.59 5/1949	3.71 4-5/1949
Feb.	Amt. Date	0.75 15/1944	0.90 ^a 15/1944	1.08 13/1948	1.80 10/1946	2.77 10/1946	3.22 9-10/1946
Mar.	Amt. Date	0.91 26/1944	1.18 26/1944	1.38 ^b 26/1944	2.25 14/1946	3.25 14/1946	4.03 13-14/1946
Apr. 2	Amt. Date	0.71 12/1949	1.12 12/1949	1.25 12/1949	1.95 12/1949	2.35 12/1949	2.74 12-13/1949
May	Amt. Date	0.80 31/1950	1.04 22/1949	1.35 22/1949	1.39 22-23/1949	1.76 2/1946	1.95 30-31/1950
Jun.	Amt. Date	1.01 ^c 3/1944	1.96 3/1944	2.07 16/1949	2.91 16/1949	3.99 16/1949	4.95 15-16/1949
Jul.	Amt. Date	1.30 12/1950	1.51 18/1949	1.94 11/1948	2.70 11/1948	4.30 11/1948	7.30 10-11/1948
Aug.	Amt. Date	1.01 16/1944	1.40 28/1949	1.90 28/1949	3.10 28/1949	4.13 28/1949	4.51 27-28/1949
Sep.	Amt. Date	0.75 5/1948	1.00 5/1948	1.35 5/1948	2.29 5/1948	3.18 5/1948	4.60 5-6/1948
Oct.	Amt. Date	0.63 17/1947	1.00 20/1950	1.50 20/1950	2.30 20/1950	2.98 19-20/1950	5.12 16-17/1947
Nov.	Amt. Date	0.68 19/1945	1.20 14/1945	1.65 2/1948	2.87 2-3/1948	3.81 2-3/1948	4.64 2-3/1948
Dec.	Amt. Date	0.69 3/1950	1.00 3/1950	1.22 6/1950	2.40 6-7/1950	3.93 6-7/1950	4.49 6-7/1950
Annual	Amt. Date	1.30 7/12/50	1.96 6/3/44	2.07 6/16/49	3.10 8/28/49	4.30 7/11/48	7.30 7/10-11/48

a Also 13/1948.

b Also 26-27/1948.

c Also 16/1949.

Station: LAURINBURG, NORTH CAROLINA

Drainage basin: LITTLE PEE DEE

County: SCOTLAND

Lat. 34° 47' N Long. 79° 27' W

Elev.(ft.) 226

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.57 3/1944	0.99 3/1944	1.42 3/1944	2.02 3/1944	2.44 14-15/1944	3.02 14-15/1944
Feb.	Amt. Date	0.63 27/1944	0.76 27/1944	0.82 27/1944	0.98 9/1944	1.74 8-9/1944	1.92 8-9/1944
Mar.	Amt. Date	0.73 6/1944	1.10 21/1942	1.30a 27/1941	1.63 27/1941	1.86 21/1942	2.12 7-8/1941
Apr.	Amt. Date	0.98 11/1947	1.35 11/1944	1.60 11/1944	2.29 28/1949	3.28 27-28/1949	4.00 27-28/1949
May	Amt. Date	1.68 25/1943	2.23 25/1943	2.28 25/1943	2.47 25/1943	2.56 25-26/1943	2.58 25-26/1943
Jun.	Amt. Date	3.35 26/1948	3.50 26/1948	3.65 26/1948	3.65 26/1948	3.65 26/1948	3.65 26/1948
Jul.	Amt. Date	2.43 28/1947	3.01 28/1947	3.08 28/1947	3.22 28/1947	3.75 28-29/1947	3.75 28-29/1947
Aug.	Amt. Date	2.43 3/1946	2.75 3/1946	2.90 3/1946	2.93 3/1946	2.93 3/1946	2.95 3-4/1946
Sep.	Amt. Date	1.97 15/1945	2.27 15/1945	2.28 15/1945	3.10 15/1945	3.30 15/1945	5.95 16-17/1945
Oct.	Amt. Date	0.69 9/1950	1.20 9/1950	1.22 9/1950	1.25 9/1950	1.84 19-20/1944	2.56 19-20/1950
Nov.	Amt. Date	1.14 2/1947	1.26 2/1947	1.29 2/1947	1.57 11/1947	2.58 11/1947	3.06 10-11/1947
Dec.	Amt. Date	0.78 26/1943	1.39 26/1943	1.80 26/1943	2.91 26/1943	4.74 25-26/1943	5.55 25-26/1943
Annual	Amt. Date	3.35 6/26/48	3.50 6/26/48	3.65 6/26/48	3.65 6/26/48	4.74 12/25-26/43	5.95 9/16-17/5

a Also 21/1942.

Station: LEXINGTON, NORTH CAROLINA

Drainage basin: PEE DEE

County: DAVIDSON

Lat. 35° 52'N Long. 80° 15'W

Elev.(ft.) 860

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.59 18/1943	1.07 18/1943	1.27 18/1943	1.48 18/1943	1.56 18/1943	2.62 18-19/1943
Feb.	Amt. Date	0.43 16/1942	0.70 16/1942	0.98 16/1942	1.74 16/1942	2.24 10/1946	2.73 9-10/1946
Mar.	Amt. Date	0.57 6/1943	0.87 8/1942	1.15 8/1942	1.89 8/1942	1.97 5-6/1943	2.02 5-6/1943
Apr.	Amt. Date	0.99 30/1950	1.14 11/1944	1.39 11/1944	1.99 11/1944	2.57 11/1944	3.23 30-1/1949
May	Amt. Date	1.27 20/1942	1.92 20/1943	2.00 20/1943	2.31 21/1942	2.66 20-21/1942	3.43 20-21/1942
Jun.	Amt. Date	1.97 8/1942	2.60 27/1941	2.72 27/1941	2.75 27/1941	3.47 26-27/1941	3.94 27-28/1941
Jul.	Amt. Date	1.34 5/1943	1.59 5/1943	1.60 5/1943	1.73 16/1941	1.80 16-17/1941	1.89 14-15/1945
Aug.	Amt. Date	1.34 17/1949	2.01 17/1949	2.41 17/1949	3.17 17-18/1949	3.34 17/1949	4.34 17/1949
Sep.	Amt. Date	1.29 30/1944	2.07 8/1943	2.49 8/1943	3.98 24/1947	5.57 24/1947	6.03 24/1947
Oct.	Amt. Date	0.72 23/1950	1.10 26/1942	1.50 26/1942	1.80 26/1942	2.57 30/1949	3.50 30-31/1949
Nov.	Amt. Date	0.79 1/1940	0.98 1/1940	1.02 1/1940	1.31 1/1940	1.75 1-2/1940	2.15 12-13/1940
Dec.	Amt. Date	0.74 25/1945	1.42 25/1945	1.68 25/1945	2.00 25/1945	2.12 25/1945	2.30 25-26/1945
Annual	Amt. Date	1.97 6/8/42	2.60 6/27/41	2.72 6/27/41	3.98 9/24/47	5.57 9/24/47	6.03 9/27/47

Station: LITTLE SWITZERLAND, NORTH CAROLINA

Drainage basin: FRENCH BROAD

County: McDOWELL

Lat. 35° 51' N Long. 82° 06' W

Elev.(ft.) 3550

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.05 7/1946	1.72 7/1946	1.95 7/1946	2.77 7/1946	3.20 7-8/1946	3.55 6-7/1946
Feb.	Amt. Date	0.32 26/1944	0.56 10/1946	0.76 10/1946	1.36 10/1946	1.99 10/1946	2.40 9-10/1946
Mar.	Amt. Date	0.64 23/1948	0.98 14/1946	1.28 14/1946	2.18 14/1946	2.76 14/1946	2.85 14/1946
Apr.	Amt. Date	0.90 12/1949	1.30 12/1949	1.60 12/1949	2.01 12/1949	2.81 12/1949	3.17 12-13/1949
May	Amt. Date	1.01 17/1945	1.21 17/1945	1.41 17/1945	1.62 16-17/1945	2.31 16-17/1945	2.31 16-17/1945
Jun.	Amt. Date	0.95 18/1945	1.25 18/1945	1.37 14/1949	2.09 16/1949	2.75 16/1949	4.23 15-16/1949
Jul.	Amt. Date	2.15 13/1944	2.30 13/1944	2.37 13/1944	2.46 13/1944	2.46 13/1944	3.82 10-11/1948
Aug.	Amt. Date	1.28 24/1950	1.60 19/1950	1.63 19/1950	3.10 31-1/1950	4.44 31-1/1950	7.41 31-1/1950
Sep.	Amt. Date	1.25 1/1950	1.52 1/1950	2.12 1/1950	3.10 31-1/1950	4.44 31-1/1950	7.41 31-1/1950
Oct.	Amt. Date	1.04 17/1947	1.09 17/1947	1.43 20/1944	2.35 20/1944	2.94 20/1944	2.98 20/1944
Nov.	Amt. Date	0.70 3/1948	1.03 3/1948	1.60 3/1948	2.32 3/1948	3.05 2-3/1948	3.56 2-3/1948
Dec.	Amt. Date	0.81 7/1950	1.30 7/1950	1.80 7/1950	3.05 7/1950	4.19 6-7/1950	4.23 6-7/1950
Annual	Amt. Date	2.15 7/13/44	2.30 7/13/44	2.37 7/13/44	3.10 8/31- 9/1/50	4.44 8/31- 9/1/50	7.41 8/31- 9/1/50

Station: MAX PATCH MOUNTAIN, NORTH CAROLINA

Drainage basin: FRENCH BROAD

County: MADISON

Lat. 35° 48'N Long. 82° 58'W

Elev.(ft.) 4285

Period of record: MAY 1947-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.47 13/1948	0.90 13/1948	1.12 13/1948	1.41 13/1948	1.69 12-13/1948	1.88 12-13/1948
Feb.	Amt. Date	0.45 7/1950	0.76 7/1950	0.86 6-7/1950	1.33 7/1950	1.90 6-7/1950	2.84 6-7/1950
Mar.	Amt. Date	0.40 ^a 18/1949	0.70 18/1949	0.79 27/1950	0.97 18/1949	1.29 18/1949	1.42 17-18/1949
Apr.	Amt. Date	1.53 8/1948	1.58 8/1948	1.61 8/1948	1.61 8/1948	1.61 8/1948	2.42 7-8/1948
May	Amt. Date	0.54 6/1949	0.55 6/1949	0.62 14/1950	0.93 14/1950	1.21 14/1950	1.45 14-15/1950
Jun.	Amt. Date	1.48 28/1947	2.38 28/1947	2.67 28/1947	3.19 16/1949	4.33 16/1949	4.57 15-16/1949
Jul.	Amt. Date	0.91 19/1948	1.04 19/1948	1.05 19/1948	1.49 21/1949	1.49 21/1949	1.78 20-21/1949
Aug.	Amt. Date	0.96 23/1947	1.03 23/1947	1.03 23/1947	1.20 28/1949	2.07 28/1949	2.29 28/1949
Sep.	Amt. Date	1.00 19/1949	1.79 19/1949	1.80 19/1949	2.00 19/1949	2.01 19/1949	3.31 18-19/1949
Oct.	Amt. Date	0.34 17/1948	0.50 17/1948	0.60 17/1948	0.98 17/1948	1.19E 17-18/1948	1.52E 31/1949
Nov.	Amt. Date	0.51 6/1948	0.80 6/1948	1.01 6/1948	1.66 28/1948	2.43 28/1948	2.67 28-29/1948
Dec.	Amt. Date	0.49 29/1948	0.86 3/1950	1.02 3/1950	1.54 3/1950	2.04 3-4/1950	2.04 3-4/1950
Annual	Amt. Date	1.53 4/8/48	2.38 6/28/47	2.67 6/28/47	3.19 6/16/49	4.33 6/16/49	4.51 6/15-16/49

^a Also 1/1950.

Station: MESIC, NORTH CAROLINA*

Drainage basin: COASTAL

County: PAMLICO

Lat. 35° 13'N Long. 76° 37'W

Elev.(ft.) 25 E

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.06 3/1944	1.31 3/1944	1.48 3/1944	2.55 31-1/1948	3.20 31-1/1948	3.20 31-1/1948
Feb.	Amt. Date	1.00 1/1948	1.40 1/1948	1.83 1/1948	2.83 1/1948	3.20 31-1/1948	3.20 31-1/1948
Mar.	Amt. Date	0.62 7/1944	0.93 7/1944	1.23 7/1944	1.54 7/1944	2.02E 9-10/1948	2.52 9-10/1948
Apr.	Amt. Date	0.78 11/1944	0.99 11-12/1944	1.37 11-12/1944	2.10 11-12/1944	2.30 11-12/1944	2.30 11-12/1944
May	Amt. Date	0.90 7/1950	1.34 12/1946	1.62 7/1950	2.70 12/1943	2.75 12/1943	2.75 12/1943
Jun.	Amt. Date	2.46 29/1949	4.80 29/1949	5.30 29/1949	6.53 29-30/1949	7.05 29-30/1949	11.96 29-30/1949
Jul.	Amt. Date	2.88 8/1950	3.32 8/1950	3.66 8/1950	5.58 8/1950	6.38 8-9/1950	7.60 8-9/1950
Aug.	Amt. Date	2.94 1/1949	3.14 1/1949	3.16 1/1949	3.66 1/1949	3.67 1/1949	3.71 31-1/1949
Sep.	Amt. Date	1.44a 8/1943	1.65 16/1945	1.80 16/1945	2.72 14/1944	3.03 14/1944	4.04 19-20/1946
Oct.	Amt. Date	1.17 5/1948	2.09 5/1948	2.46 5/1948	3.66 4-5/1948	4.29 4-5/1948	4.48 4-5/1948
Nov.	Amt. Date	1.48 4/1948	2.62 3/1947	2.89 3/1947	2.95 2-3/1947	3.61 2-3/1947	3.66 2-3/1947
Dec.	Amt. Date	0.83 26/1943	1.33 26/1943	1.85 26/1943	2.31 26/1943	2.41b 23-24/1941	2.54 25-26/1943
Annual	Amt. Date	2.94 8/1/49	4.30 6/29/49	5.30 6/29/49	6.53 6/29-30/49	7.05 6/29-30/49	11.96 6/29-30/49

*Formerly Hobucken Bridge, North Carolina

a Also 16/1945. b Also 26/1943.

Station: MOORESVILLE, NORTH CAROLINA*

Drainage basin: PEE DEE

County: IREDELL

Lat. 35° 35'N Long. 80° 49'W

Elev.(ft.) 905

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.71 1/1945	0.94 1/1945	1.04 3/1944	1.52 2-3/1944	1.64 2-3/1944	2.32 17-18/1943
Feb.	Amt. Date	0.63 16/1942	1.01 16/1942	1.18 16/1942	1.76 16/1942	2.38 10/1946	2.64 9-10/1946
Mar.	Amt. Date	0.76 26/1945	0.97 27/1944	1.14 26/1945	1.26 26/1945	1.54 5-6/1943	2.29 19-20/1944
Apr.	Amt. Date	0.91 30/1950	1.38 11/1944	1.52 11/1944	2.06 11/1944	2.34 11-12/1944	2.36 11-12/1944
May	Amt. Date	0.80a 12/1941	1.10 14/1950	1.11 14/1950	1.31 14/1950	1.69 20-21/1942	1.81 20-21/1942
Jun.	Amt. Date	1.00 30/1945	1.70 28/1942	1.72 28/1942	1.86 27/1941	2.14 27-28/1941	2.26 27-28/1941
Jul.	Amt. Date	1.50 16/1941	2.21 13/1944	2.24 13/1944	2.38 13/1944	2.47 13-14/1944	3.20 7-8/1943
Aug.	Amt. Date	1.69 4/1941	2.48 15-16/1949	2.56 15-16/1949	2.58 15-16/1949	2.70 15-16/1949	3.16 15-16/1949
Sep.	Amt. Date	1.01 6/1942	1.41 6/1942	1.75 6/1942	2.74 6/1942	3.63 24/1947	4.03 24/1947
Oct.	Amt. Date	2.32 8/1947	3.50 8/1947	3.67 8/1947	3.81 8-9/1947	3.92 8-9/1947	4.12 8-9/1947
Nov.	Amt. Date	1.50 1/1940	1.77 1/1940	1.85 1/1940	1.85 1/1940	2.32 28/1948	2.48 28/1948
Dec.	Amt. Date	0.48 25/1945	0.83E 25/1945	1.06E 25/1945	1.65 4/1941	1.91E 25/1945	2.26 4-5/1945
Annual	Amt. Date	2.32 10/8/47	3.50 10/8/47	3.67 10/8/47	3.81 10/8-9/47	3.92 10/8-9/47	4.12 10/8-9/47

*Formerly Huntersville, North Carolina
a Also 14/1950.

Station: MOREHEAD CITY, NORTH CAROLINA *

Drainage basin: COASTAL

County: CARTERET

Lat. 34° 43' N Long. 76° 44' W

Elev.(ft.) 10

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.96 3/1944	1.49 19/1943	1.54 19/1943	1.62 31-1/1948	2.12 31-1/1948	2.22 31-1/1948
Feb.	Amt. Date	0.73 27/1946	1.32 27/1946	1.35 27-28/1946	1.63 14/1944	2.12 31-1/1948	2.38 27-28/1946
Mar.	Amt. Date	0.75 7/1944	1.20 7/1944	1.58 7/1944	1.90 7/1944	2.00 7/1944	2.10 6-7/1944
Apr.	Amt. Date	0.48 10/1944	0.72 10/1944	0.73 10/1944	0.81 19/1943	0.97 28/1949	1.05 28/1949
May	Amt. Date	2.96 31/1949	5.63 31/1949	6.12 31/1949	6.54 31/1949	6.79 31/1949	7.00 31-1/1949
Jun.	Amt. Date	2.38 22/1946	3.64 22/1946	4.50 22/1946	4.51 22/1946	4.51 22/1946	7.00 31-1/1949
Jul.	Amt. Date	2.24 2/1950	2.86 29/1944	3.32 29/1944	3.79 29/1944	4.92 28-29/1944	5.07 28-29/1944
Aug.	Amt. Date	1.42 30/1949	2.09 30/1949	2.27 30/1949	2.84 20/1945	3.08 20/1945	3.14 20-21/1945
Sep.	Amt. Date	1.26 24/1947	2.08 17/1947	2.16 17/1947	2.38 24/1947	3.44 19-20/1946	5.81 19-20/1946
Oct.	Amt. Date	1.52 9/1950	2.12 9/1950	2.65 9/1950	2.95 9/1950	3.89 4-5/1948	4.28 4-5/1948
Nov.	Amt. Date	1.40 8/1946	1.59 8/1946	1.80 11/1947	2.78 11/1947	3.68 11/1947	3.68 11/1947
Dec.	Amt. Date	0.82 23/1941	1.37 23/1941	1.73 7-8/1944	2.28 7-8/1944	2.55 23-24/1941	2.64 23-24/1941
Annual	Amt. Date	2.96 5/31/49	5.63 5/31/49	6.12 5/31/49	6.54 5/31/49	6.79 5/31/49	7.00 5/31- 6-1/49

*Formerly Beaufort, North Carolina

Station: MOUNT MITCHELL, NORTH CAROLINA

Drainage basin: FRENCH BROAD

County: YANCEY

Lat. 35° 46'N Long. 82° 16'W

Elev.(ft.) 6635

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 2/1944	0.70 2-3/1944	0.87 2-3/1944	1.02 2-3/1944	1.24 18-19/1950	1.47 18-19/1950
Feb.	Amt. Date	0.56 25/1944	0.77 25/1944	0.83 25/1944	1.35 14/1944	1.88 14/1944	1.90 9-10/1946
Mar.	Amt. Date	0.59 23/1948	0.86 23/1948	1.06 23/1948	1.80 14/1946	2.97 14/1946	3.23 14/1946
Apr.	Amt. Date	0.61 11/1947	0.70 12/1949	0.95 12-13/1949	1.55 12-13/1949	2.07 12-13/1949	2.46 12-13/1949
May	Amt. Date	0.54 17/1945	0.91 12/1948	1.03 12/1948	1.21 12/1948	1.63 17/1945	1.78 30-31/1950
Jun.	Amt. Date	1.20 16/1949	2.20 16/1949	3.10 16/1949	4.40 16/1949	6.61 16/1949	9.94 15-16/1949
Jul.	Amt. Date	1.05 19/1944	1.54 20/1945	1.54 20/1945	1.54 20/1945	1.67 20/1945	2.32 20-21/1945
Aug.	Amt. Date	1.31 3/1947	1.94 31/1950	2.85 31/1950	4.63 31/1950	6.35 31/1950	9.20 31-1/1950
Sep.	Amt. Date	0.68E 1/1950	1.36E 31-1/1950	2.04E 31-1/1950	4.08 31-1/1950	6.23 31-1/1950	9.20 31-1/1950
Oct.	Amt. Date	0.80 16/1947	1.50 16/1947	1.93 8/1946	3.57 16-17/1947	5.14 16-17/1947	6.00 19-20/1950
Nov.	Amt. Date	0.68 7/1943	0.95 7/1943	1.26 7/1943	1.95 3/1948	3.00 2-3/1948	4.07 2-3/1948
Dec.	Amt. Date	0.70a 3/1950	1.18 3/1950	1.58 3/1950	2.62 7/1950	3.42 6-7/1950	3.62 6-7/1950
Annual	Amt. Date	1.31 8/3/47	2.20 6/16/49	3.10 6/16/49	4.63 8/31/49	6.61 6/16/49	9.94 6/15-16/49

a Also 7/1950.

Station: MOUNT OLIVE, NORTH CAROLINA

Drainage basin: CAPE FEAR

County: WAYNE

Lat. 35° 12'N Long. 78° 04'W

Elev.(ft.) 165

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 26/1943	0.70 26/1943	1.00 26/1943	1.44E 17/1946	2.02E 17/1946	2.12E 17/1946
Feb.	Amt. Date	0.41 16/1945	0.59 16/1945	0.82 16/1945	1.15 9/1944	1.84 9/1944	2.43 12-13/1948
Mar.	Amt. Date	1.03 30/1946	1.30 30/1946	1.45 6-7/1944	1.67 6-7/1944	1.70 6-7/1944	1.90 6-7/1944
Apr.	Amt. Date	1.45 12/1947	1.71 12/1947	1.79 12/1947	1.85 11-12/1944	1.98 27-28/1949	2.25 27-28/1949
May	Amt. Date	1.42 26/1949	1.53 26/1949	1.60 26/1949	1.75 26/1949	1.87 31/1950	2.07 31/1950
Jun.	Amt. Date	1.51 12/1949	1.89 12/1949	1.91 12/1949	2.10 10/1942	2.86 10/1942	2.99 10/1942
Jul.	Amt. Date	3.00 23/1942	5.48 23/1942	5.58 23/1942	5.61 23/1942	5.95 23-24/1942	5.97 23-24/1942
Aug.	Amt. Date	2.77 20/1949	4.34 4/1945	5.11 4/1945	5.33 4-5/1945	5.89 4/1945	6.76 4-5/1945
Sep.	Amt. Date	1.39 9/1945	1.95 17/1945	1.95 17/1945	1.98 17/1945	2.18 17/1945	2.61 19-20/1946
Oct.	Amt. Date	2.58 11/1942	4.08 11/1942	5.11 11/1942	6.29 11-12/1942	6.64 11-12/1942	7.42 11-12/1942
Nov.	Amt. Date	1.00 2/1947	1.23 2-3/1947	1.30 2-3/1947	1.76 11/1947	2.85 11/1947	2.97 11/1947
Dec.	Amt. Date	0.98 4/1941	1.20 26/1943	1.68 26/1943	2.79 26/1943	3.36 26/1943	3.51 25-26/1943
Annual	Amt. Date	3.00 7/23/42	5.48 7/23/42	5.58 7/23/42	6.29 10/11-12/42	6.64 10/11-12/42	7.42 10/11-12/42

Station: MOUNT PISGAH, NORTH CAROLINA

Drainage basin: FRENCH BROAD

County: HAYWOOD

Lat. 35° 25'N Long. 82° 45'W

Elev.(ft.) 5300

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.65 30/1947	0.90 30/1947	1.04 30/1947	1.18 30/1947	1.92 19-20/1947	2.62 30-31/1949
Feb.	Amt. Date	0.38 19/1949	0.60 19/1949	0.77 12/1945	1.10 19/1949	1.50 11-12/1948	2.35 11-12/1948
Mar.	Amt. Date	0.54 12/1950	0.75 14/1946	1.10 14/1946	1.85 14/1946	3.00 14/1946	3.43 14/1946
Apr.	Amt. Date	0.75 16/1945	1.30 16-17/1945	1.50 16-17/1945	2.60 16-17/1945	2.96E 16-17/1945	4.32 16-17/1945
May	Amt. Date	1.17 16/1944	1.28 16/1944	1.30 26/1948	1.69 26-27/1948	1.89 2/1946	2.50 26-27/1948
Jun.	Amt. Date	1.55 16/1949	2.55 16/1949	3.50 16/1949	5.72 16/1949	7.67 16/1949	9.16E 15-16/1949
Jul.	Amt. Date	1.05 23/1945	1.97 22/1946	2.82 22/1946	2.97 22/1946	3.03 22/1946	4.22 10-11/1948
Aug.	Amt. Date	1.60 16/1949	1.80a 16/1949	2.45 28/1949	3.75 28/1949	5.25 28/1949	5.75 27-28/1949
Sep.	Amt. Date	0.96 8/1947	0.97 8/1947	1.36 7/1945	2.14 7/1945	2.66 7/1950	4.87 31-1/1950
Oct.	Amt. Date	0.73 16/1947	1.10 20/1950	1.65 20/1950	2.90 20/1950	3.71 8/1946	6.57 19-20/1950
Nov.	Amt. Date	0.62 3/1948	1.03 3/1948	1.56 3/1948	2.44 2-3/1948	3.72 2-3/1948	4.27 2-3/1948
Dec.	Amt. Date	0.60 6/1950	1.00 6/1950	1.40 6/1950	2.50 6/1950	3.80 6-7/1950	3.96 6-7/1950
Annual	Amt. Date	1.60 8/16/49	2.55 6/16/49	3.50 6/16/49	5.72 6/16/49	7.67 6/16/49	9.16E 6/15-16/49

a Also 28/1949.

Station: MOUNT PLEASANT, NORTH CAROLINA

Drainage basin: PEE DEE

County: CABARRUS

Lat. 35° 24' N Long. 80° 26' W

Elev.(ft.) 630

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.72 19/1943	0.80 18/1943	1.27 18/1943	2.05 18/1943	2.35 18/1943	3.17 18-19/1943
Feb.	Amt. Date	0.75 16/1942	1.17E 16/1942	1.59E 16/1942	2.67 16-17/1942	3.13 16-17/1942	3.31 16-17/1942
Mar.	Amt. Date	0.63 8/1942	1.06 8/1942	1.64 8/1942	2.01 8/1942	2.09 8/1942	2.22 19-20/1944
Apr.	Amt. Date	1.29 11/1944	1.54 11/1944	1.71 11/1944	2.28 11/1944	2.46 11-12/1944	2.65 18-19/1943
May	Amt. Date	1.12 2/1946	1.55 30/1940	1.59 30/1940	1.69 30/1940	1.93 30/1940	2.86 20-21/1942
Jun.	Amt. Date	1.58 8/1942	1.61 8/1942	1.62 8/1942	1.88 27-28/1941	2.09 27-28/1941	2.64 27-28/1941
Jul.	Amt. Date	1.33 13/1944	1.77 15/1945	1.97 18/1944	2.01 18/1944	2.20 17-18/1944	2.62 23-24/1942
Aug.	Amt. Date	2.06 11/1943	2.46 11/1943	3.25E 24-25/1946	4.58 24-25/1946	4.64 24-25/1946	4.64 24-25/1946
Sep.	Amt. Date	1.29 13/1945	1.84 6/1942	2.19 6/1942	2.81 6/1945	3.23 5-6/1945	4.61 16-17/1945
Oct.	Amt. Date	0.85 28/1949	1.06 28/1949	1.21 28/1949	1.52 28/1949	1.95 8-9/1946	2.90 8-9/1946
Nov.	Amt. Date	0.67 1/1940	0.77 19/1948	1.22 19/1948	1.64 19/1948	2.27 28/1948	2.40 28/1948
Dec.	Amt. Date	0.60 1/1942	0.70 7/1950	0.81 4/1941	1.36 4/1941	1.68 4/1941	1.82 25-26/1943
Annual	Amt. Date	2.06 8/11/43	2.46 8/11/43	3.25E 8/24-25/46	4.58 8/24-25/46	4.64 8/24-25/46	4.64 8/24-25/46

Station: MURPHY, NORTH CAROLINA*

Drainage basin: HIWASSEE

County: CHEROKEE

Lat. 35° 05'N Long. 84° 02'W

Elev.(ft.) 1575

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.71 19/1950	0.99 18-19/1950	1.30 15/1947	2.06 15/1947	2.59 18-19/1950	3.21 4-5/1949
Feb.	Amt. Date	0.98 26/1944	1.24 26/1944	1.44 17/1945	2.03 17/1945	2.43 9-10/1946	3.14 9-10/1946
Mar.	Amt. Date	1.11 26/1944	1.31 27/1948	1.39 27/1948	1.99 12-13/1950	2.99 12-13/1950	4.22 12-13/1950
Apr.	Amt. Date	0.76 4/1950	1.09 4/1950	1.57 16-17/1945	1.77 28/1945	2.10 28/1945	2.12 28-29/1945
May	Amt. Date	0.84 25/1946	1.03 11/1946	1.45 11/1946	1.70 11/1946	1.81 11/1946	1.82 11/1946
Jun.	Amt. Date	1.10 28/1944	1.34 28/1949	1.53 28/1949	1.66 16/1949	1.86 15-16/1949	2.94 15-16/1949
Jul.	Amt. Date	1.33 26/1950	1.60 26/1950	1.83 27/1950	1.88 27/1950	2.08 26-27/1950	3.81 26-27/1950
Aug.	Amt. Date	0.99 31/1949	1.29 31/1949	1.50 31/1949	1.60 31/1949	1.60 31/1949	1.76 2-3/1944
Sep.	Amt. Date	0.69 10/1946	0.87 29/1944	1.13 29/1944	1.98 5-6/1949	2.45 5-6/1949	2.64 5-6/1949
Oct.	Amt. Date	1.09 6/1949	1.48 6/1949	1.74 6/1949	1.90 22/1945	3.15 30/1949	4.31 30-31/1949
Nov.	Amt. Date	1.05 20/1950	1.26 20/1950	1.34 20/1950	2.12 28/1948	3.53 28/1948	4.26 27-28/1948
Dec.	Amt. Date	0.35 25/1945	0.70 25/1945	0.87 25/1945	1.07a 24-25/1945	1.43 22-23/1949	1.89 4/1945
Annual	Amt. Date	1.33 7/26/50	1.60 7/26/50	1.83 7/27/50	2.12 11/28/48	3.53 11/28/48	4.31 10/30-31/49

*Formerly Murphy Evap. Station, North Carolina
a Also 24/1948.

Station: NORTH FORK, NORTH CAROLINA *

Drainage basin: FRENCH BROAD

County: BUNCOMBE

Lat. 35° 42'N Long. 82° 20'W

Elev.(ft.) 2765

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.80 30/1947	1.05 30/1947	1.15 30/1947	1.16 30/1947	1.85a 18/1943	2.54 18-19/1943
Feb.	Amt. Date	0.45 16/1942	0.75 16/1942	1.04 9/1949	1.74 9-10/1949	2.07 16/1942	2.22 9-10/1949
Mar.	Amt. Date	1.21 9/1942	1.22 9/1942	1.22 9/1942	1.86 26-27/1948	2.23 26/1945	2.37 26-27/1948
Apr.	Amt. Date	0.65 11/1947	0.88 11/1944	1.16 11/1944	1.40 11/1944	1.54 11/1944	1.88 11-12/1944
May	Amt. Date	1.20 25/1948	1.35 25/1948	1.35 25/1948	1.58 30/1948	2.88 30/1950	3.04 30-31/1950
Jun.	Amt. Date	2.80 16/1949	3.30 16/1949	3.87 16/1949	5.10 16/1949	6.68E 16/1949	8.50 16-17/1949
Jul.	Amt. Date	1.54 21/1949	2.93 21/1949	2.98 21/1949	2.98 21/1949	2.98 21/1949	3.19 11-12/1949
Aug.	Amt. Date	1.90 30/1940	3.13 30/1940	3.23 30/1940	4.01 28/1949	5.52 28/1949	8.46 29-30/1940
Sep.	Amt. Date	1.31 20/1944	1.97 20/1944	2.03 20/1944	2.24 29/1944	3.39 5-6/1948	4.64 8-9/1950
Oct.	Amt. Date	1.24 17/1947	1.68 17/1947	1.81 17/1947	2.30 16-17/1947	3.06 16-17/1947	3.54 16-17/1947
Nov.	Amt. Date	0.62 2/1947	0.92 2/1947	1.19 2/1947	2.30 2/1947	3.10E 2/1947	4.01 2-3/1947
Dec.	Amt. Date	0.50 3/1950	0.80 3/1950	1.00 3/1950	1.66 3/1950	2.53 6-7/1950	2.61 6-7/1950
Annual	Amt. Date	2.80 6/16/49	3.30 6/16/49	3.87 6/16/49	5.10 6/16/49	6.68E 6/16/49	8.50 6/16-17/49

*Formerly Black Mountain, North Carolina
Also 18-19/1950.

Station: NORTH WILKESBORO, NORTH CAROLINA

Drainage basin: PEE DEE

County: WILKES

Lat. 36° 05'N Long. 81° 00

Elev.(ft.) 1000 E

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 7/1946	0.68 3/1944	0.95 3/1944	1.25 2-3/1944	1.91 27-28/1943	2.54 27-28/1943
Feb.	Amt. Date	0.39 17/1944	0.61 17/1944	0.79 17/1944	1.18 17/1944	1.47 9-10/1946	2.20 16-17/1942
Mar.	Amt. Date	0.68 27/1950	0.91 16/1948	1.14 16/1948	1.54 16/1948	1.90 14/1946	2.29 31-1/1948
Apr.	Amt. Date	0.72 4/1941	0.98 4/1941	1.20 4/1941	1.55 19/1943	2.65 19/1943	3.30 18-19/1943
May	Amt. Date	2.18 25/1944	2.36 25/1944	2.57 25/1944	3.11 26-27/1948	3.47 26-27/1948	3.51 26-27/1948
Jun.	Amt. Date	0.94 30/1945	1.38 9/1944	1.70 13/1947	3.06 14/1947	4.74 14/1947	5.73 13-14/1947
Jul.	Amt. Date	1.42 29/1940	2.13 10/1949	2.46 25/1943	2.62 25/1943	2.62 25/1943	2.72 25-26/1943
Aug.	Amt. Date	1.35 14/1940	2.10 13-14/1940	2.64 13-14/1940	3.43 13-14/1940	4.18 13-14/1940	5.60 13-14/1940
Sep.	Amt. Date	2.62 11/1950	2.80 11/1950	2.80 11/1950	2.80 11/1950	3.06 29-30/1944	4.93 29-30/1944
Oct.	Amt. Date	1.47 9/1947	1.78 9/1947	2.08 9/1947	2.40 9/1947	3.48 9/1947	4.38 8-9/1947
Nov.	Amt. Date	0.55 1/1940	0.88 6/1941	1.22 6/1941	1.40 6/1941	1.81 17/1946	2.09 ^a 17/1946
Dec.	Amt. Date	0.80 7/1950	1.16 27/1940	1.49 27/1940	1.83 27/1940	2.22 7/1950	2.56 28-29/1942
Annual	Amt. Date	2.62 9/11/50	2.80 9/11/50	2.80 9/11/50	3.43 8/13-14/40	4.74 6/14/47	5.73 6/13-14/47

^a Also 28/1948.

Station: PINK BEDS, NORTH CAROLINA*

Drainage basin: FRENCH BROAD

County: TRANSYLVANIA

Lat. 35° 21' N Long. 82° 46' W

Elev.(ft.) 3300

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.67 18/1943	1.08 18/1943	1.23 18/1943	1.90 18/1943	2.69 18-19/1943	3.41 19-20/1947
Feb.	Amt. Date	0.49 16/1942	0.98 16/1942	1.41 16/1942	2.26 16/1942	3.04 16/1942	3.39 16-17/1942
Mar.	Amt. Date	0.70 16/1946	1.08 26/1948	1.52 26-27/1948	2.55 26-27/1948	3.73 14/1946	4.21 14/1946
Apr.	Amt. Date	1.15 16/1945	1.42 16/1945	1.73 16-17/1945	3.12 16-17/1945	3.37 16-17/1945	4.88 16-17/1945
May	Amt. Date	1.00 26/1948	1.88 26/1948	2.36 26/1948	3.01 20/1942	4.41 19-20/1942	5.04 19-20/1942
Jun.	Amt. Date	1.35 30/1945	1.46 2/1944	1.46 2/1944	2.84E 16/1949	5.24 16/1949	6.52 15-16/1949
Jul.	Amt. Date	1.28 11/1949	1.58 13/1946	1.68 11-12/1949	2.25 11-12/1949	2.55 11-12/1949	3.49 10-11/1948
Aug.	Amt. Date	1.52 15/1942	1.75 29/1940	2.35 13/1940	3.42 29/1940	6.56 29-30/1940	8.63 12-13/1940
Sep.	Amt. Date	1.19 4/1950	1.65 6/1948	1.90 5-6/1948	2.84 5-6/1948	4.82 5-6/1948	6.27 5-6/1948
Oct.	Amt. Date	0.81 23/1945	1.11 22-23/1945	1.40a 22-23/1945	2.57 20/1950	3.16 19-20/1950	5.17 19-20/1950
Nov.	Amt. Date	0.80 5/1948	1.38 1/1941	1.72 1/1941	2.48 2-3/1948	3.87 2-3/1948	4.59 2-3/1948
Dec.	Amt. Date	0.77 4/1941	1.32 7/1950	1.94 7/1950	2.84 7/1950	4.41 6-7/1950	4.78 6-7/1950
Annual	Amt. Date	1.52 8/15/42	1.88 5/26/48	2.36 5/26/48	3.42 8/29/40	6.56 8/29-30/40	8.63 8/12-13/40

*Formerly Pisgah Forest, North Carolina
a Also 20/1950.

Station: POLKTON, NORTH CAROLINA

Drainage basin: PEE DEE

County: ANSON

Lat. 35° 00'N Long. 80° 13'W

Elev.(ft.) 320

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.57 16/1947	0.80 13/1948	1.08 13/1948	1.29 13/1948	1.60 13/1948	1.63 13/1948
Feb.	Amt. Date	0.37 25/1942	0.74 25/1942	1.09 25/1942	1.30 9/1944	1.97 9/1944	2.03 8-9/1944
Mar.	Amt. Date	0.51 26/1945	0.77 20/1944	1.13 20/1944	1.60 19-20/1944	2.32 19-20/1944	3.14 19-20/1944
Apr.	Amt. Date	0.90 4/1941	1.48 4/1941	1.67 4/1941	1.82a 4/1941	1.93b 11-12/1944	1.95b 11-12/1944
May	Amt. Date	0.90 17/1945	0.98 17/1945	1.00 30/1941	1.39 17/1945	1.48 17/1945	1.51 17/1945
Jun.	Amt. Date	1.56 22/1941	2.66 22/1941	2.83 22/1941	2.83 22/1941	2.83 22/1941	2.87 22-23/1941
Jul.	Amt. Date	2.05 14/1947	2.71 10/1941	3.25 10/1941	3.25 10/1941	3.25 10/1941	3.50 11-12/1941
Aug.	Amt. Date	1.60 4/1949	2.40 28/1941	2.60 28/1941	3.80 16/1949	3.86 16/1949	3.91 16-17/1949
Sep.	Amt. Date	1.52 5/1947	1.75 17/1945	2.10 17/1945	2.73 7/1949	3.73 16-17/1945	6.43 16-17/1945
Oct.	Amt. Date	0.53 25/1946	0.85 4/1948	1.15 4/1948	1.54 19-20/1944	2.43 19-20/1944	2.71 19-20/1944
Nov.	Amt. Date	0.93 6/1948	1.09 19/1948	1.19c 19/1948	1.29 6/1948	2.15 1/1940	2.15 1/1940
Dec.	Amt. Date	0.45 3/1950	0.74 25/1945	0.92 25/1945	1.29 26/1943	2.16 25-26/1943	2.47 25-26/1943
Annual	Amt. Date	2.05 7/14/47	2.71 7/10/41	3.25 7/10/41	3.80 8/16/49	3.86 8/16/49	6.43 9/16-17/45

a Also 11/1944. b Also 29-30/1946. c Also 6/1948.

Station: POPE FIELD, NORTH CAROLINA

Drainage basin: CAPE FEAR

County: CUMBERLAND

Lat. 35° 11' N Long. 79° 01' W

Elev.(ft.) 210

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.71 13/1947	0.84 18/1943	0.91 18/1943	1.55 3/1944	1.65a 3/1944	2.81E 12-13/1947
Feb.	Amt. Date	0.90 12/1948	1.02 12/1948	1.25 12/1948	1.43 12/1948	1.47 12/1948	2.07 12-13/1948
Mar.	Amt. Date	0.60b 21/1942	1.02 21/1942	1.26 21/1942	1.59 21/1942	2.01 21/1942	2.29 21/1942
Apr.	Amt. Date	1.09 29/1942	1.52 29/1942	1.59 11/1944	1.86 11/1944	1.90 11-12/1944	2.13c 18-19/1943
May	Amt. Date	1.24 27/1945	1.77 27/1945	1.77 27/1945	1.77 27/1945	1.77 27/1945	1.91 26-27/1945
Jun.	Amt. Date	1.64 14/1941	1.75 14/1941	1.75 14/1941	1.98 14/1941	2.20 30-1/1948	2.24 30-1/1948
Jul.	Amt. Date	1.92 31/1945	2.42 31/1945	2.46 31/1945	2.46 31/1945	3.15 28/1948	3.26 28-29/1948
Aug.	Amt. Date	2.78 4/1945	3.76 4/1945	4.06 4/1945	4.37 28/1949	4.38 28/1949	4.38 28/1949
Sep.	Amt. Date	1.69 17/1945	1.98 17/1945	2.03 17/1945	2.47 17/1945	3.65 17/1945	5.06 16-17/1945
Oct.	Amt. Date	0.91 28/1941	1.54 28/1941	2.02 28/1941	2.35 27-28/1941	2.45 27-28/1941	3.14 19-20/1950
Nov.	Amt. Date	3.31 2/1947	4.09 2/1947	4.25 2/1947	4.27 2-3/1947	4.27 2-3/1947	4.39 2-3/1947
Dec.	Amt. Date	1.34 4/1941	1.79 4/1941	1.83 4/1941	1.83 4/1941	2.58 4/1941	2.60 4-5/1941
Annual	Amt. Date	3.31 11/2/47	4.09 11/2/47	4.25 11/2/47	4.37 8/28/49	4.38 8/28/49	5.06 9/16-17/45

a Also 12-13/1947.

b Also 27/1948.

c Also 27-28/1949.

Station: QUEBEC, NORTH CAROLINA

Drainage basin: FRENCH BROAD

County: TRANSYLVANIA

Lat. 35° 11' N Long. 82° 54' W

Elev.(ft.) 2600

Period of record: 1945-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.07 30/1947	1.29 30/1947	1.69 30/1947	1.93 30/1947	2.50 19-20/1947	3.60a 5-6/1946
Feb.	Amt. Date	0.40b 10/1946	0.80 10/1946	0.99 14/1950	1.90 10/1946	3.05 10/1946	3.42 9-10/1946
Mar.	Amt. Date	0.56 27/1948	0.91 31/1948	1.30 27/1950	1.83 14/1946	2.84 14/1946	3.60 14/1946
Apr.	Amt. Date	0.84 16/1946	1.25 16/1946	1.44 16/1946	1.98 16/1946	2.42 16/1946	3.59 10-11/1947
May	Amt. Date	1.07 17/1950	1.47 10/1949	1.84 10/1949	2.01 10-11/1949	2.36 2/1946	2.43 2/1946
Jun.	Amt. Date	1.20 2/1950	1.70 2-3/1950	2.00 2-3/1950	2.50 8/1950	3.30 8/1950	3.92c 13/1947
Jul.	Amt. Date	1.34 12/1949	1.85 12/1949	2.26 12/1949	2.49 18/1949	3.89 11-12/1949	4.92 11-12/1949
Aug.	Amt. Date	1.36 2/1948	1.60 2/1948	1.76 2/1948	2.80 2-3/1948	4.08 2-3/1948	4.74 2-3/1948
Sep.	Amt. Date	1.51 6/1948	1.72 6/1948	2.48 6/1948	2.73 6/1948	4.50 5-6/1948	5.45 5-6/1948
Oct.	Amt. Date	0.91 6/1949	1.47 22/1945	1.80 22-23/1945	2.62 22-23/1945	3.94 22-23/1945	4.69 6-7/1949
Nov.	Amt. Date	0.97 19/1948	1.35 19/1948	1.77 19/1948	2.69 19/1948	4.37 19/1948	6.63 18-19/1948
Dec.	Amt. Date	0.87 25/1945	1.25 25/1945	1.65 25/1945	2.46E 6-7/1950	4.93E 6-7/1950	5.75 6-7/1950
Annual	Amt. Date	1.51 9/6/48	1.85 7/12/49	2.48 9/6/48	2.80 8/2-3/48	4.93E 8/6-7/50	6.63 11/18-19/48

a Also 4-5/1949.

b Also 19/1949.

c 15-16/1949.

Station: RALEIGH WB CITY, NORTH CAROLINA*

Drainage basin: NEUSE

County: WAKE

Lat. 35° 47'N Long. 78° 38'W

Elev.(ft.) 400

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.47 16/1946	0.87 16/1946	1.25 16/1946	1.90 16/1946	2.18 16/1946	2.32 16-17/1946
Feb.	Amt. Date	0.49 17/1942	0.59 14/1944	0.70 14/1944	1.18 16-17/1942	1.63 10/1946	1.82 9-10/1946
Mar.	Amt. Date	0.62 25/1947	0.91 6-7/1944	1.12 6-7/1944	1.61 8/1942	1.75 6/1943	2.52 19-20/1944
Apr.	Amt. Date	1.01 25/1946	1.21 30/1950	1.34 11/1944	1.85 11/1944	2.06 11-12/1944	2.09 11-12/1944
May	Amt. Date	1.82 17/1946	1.94 10/1949	2.85 10/1949	3.17 10/1949	3.26 10-11/1949	3.37 10-11/1949
Jun.	Amt. Date	1.86 28/1949	2.09 28/1949	2.11a 9/1943	3.15 9/1943	4.79 8-9/1943	4.99 8-9/1943
Jul.	Amt. Date	3.26 2/1946	4.08 2-3/1946	4.25 2-3/1946	4.58 2-3/1946	4.70 2-3/1946	4.76 2-3/1946
Aug.	Amt. Date	1.77 28/1949	1.93 28/1949	2.08 28/1949	3.33 14/1940	4.28 14/1940	4.43 14-15/1940
Sep.	Amt. Date	2.13 20/1947	3.83 20-21/1947	4.50 20-21/1947	5.19 20-21/1947	5.63 20-21/1947	5.64 20-21/1947
Oct.	Amt. Date	0.86 28/1946	1.06 28/1941	1.26 27-28/1941	1.66 27-28/1941	2.09 19-20/1944	2.30 4-5/1948
Nov.	Amt. Date	1.20 4/1948	2.05 4/1948	2.45 4/1948	2.83 3-4/1948	3.30 3-4/1948	3.48 3-4/1948
Dec.	Amt. Date	0.88 4/1941	1.48 4/1941	1.50 4/1941	1.51 4-5/1941	2.00b 4/1941	2.67 4-5/1945
Annual	Amt. Date	3.26 7/2/46	4.08 7/2-3/46	4.50 9/20-21/47	5.19 9/20-21/47	5.63 9/20-21/47	5.64 9/20-21/47

*Given for comparative purposes see next page for complete record.

a Also 28/1949. b Also 26/1943.

September 2-hr and November 2-hr are true maxima.

Station: RALEIGH WB CITY, NORTH CAROLINA

Drainage basin: NEUSE

County: WAKE

Lat. 35° 47'N Long. 78° 38'W

Elev.(ft.) 400

Period of record: 1897-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.88 6/1915	1.03 6/1915	1.25 16/1946	1.90 16/1946	2.18 16/1946	2.32 16-17/1946
Feb.	Amt. Date	0.78 4/1903	0.93 1/1915	1.25 26/1935	1.60 14/1922	2.30 3/1920	3.00 3/1920
Mar.	Amt. Date	1.56 6/1932	1.97 6/1932	2.04 6/1932	2.45 6/1932	3.39 5-6/1932	3.65 5-6/1932
Apr.	Amt. Date	1.44 8/1932	1.46 8/1932	1.78 7/1899	2.25 7/1899	2.67 2-3/1901	3.36 2-3/1901
May	Amt. Date	2.25 15/1898	3.12 15/1898	3.19 15/1898	3.66 27-28/1932	3.70 27-28/1932	3.70 27-28/1932
Jun.	Amt. Date	1.88 14/1907	2.55 14/1907	2.62 14/1907	3.15 9/1943	4.79 8-9/1943	4.99 8-9/1943
Jul.	Amt. Date	3.26 2/1946	4.25 4/1931	4.57 4/1931	4.83 4/1931	4.83 4/1931	4.83 4/1931
Aug.	Amt. Date	2.50 3/1915	2.84 3/1915	3.17 3/1915	3.37 3/1915	5.12 3/1915	5.66 24-25/1908
Sep.	Amt. Date	2.31 29/1901	3.83 20-21/1947	4.50 20-21/1947	5.19 20-21/1947	5.63 20-21/1947	6.66 30-1/1929
Oct.	Amt. Date	2.00 30/1917	2.17 30/1917	2.64 30/1917	3.31 30/1917	4.48 1/1929	6.66 30-1/1929
Nov.	Amt. Date	1.30 22/1907	2.05 4/1948	2.45 4/1948	2.97 29/1934	4.91 28-29/1934	5.21 28-29/1934
Dec.	Amt. Date	1.76 23/1907	1.84 23/1907	2.03 23/1907	2.11 23/1907	2.52 10-11/1936	2.69 10-11/1936
Annual	Amt. Date	3.26 7/2/46	4.25 7/4/31	4.57 7/4/31	5.19 9/20-21/47	5.63 9/20-21/47	6.66 9/30- 10-1/29

January 1-, 2-hr. February, March, September, October, November and December 1-, 2-, and 24-hr amounts are true maxima.

Station: RALEIGH-DURHAM WB APT, NORTH CAROLINA

Drainage basin: NEUSE

County: WAKE

Lat. 35° 52'N Long. 78° 47'W

Elev.(ft.) 438

Period of record: 1944-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.37 17/1946	0.72 17/1946	0.99 17/1946	1.52 17/1946	1.94 16-17/1946	2.07 16-17/1946
Feb.	Amt. Date	0.44 10/1946	0.44 10/1946	0.62 10/1946	1.14 10/1946	1.69 10/1946	2.29 9-10/1946
Mar.	Amt. Date	0.33a 30/1946	0.49 13/1950	0.58 7/1948	0.87 7/1948	1.11 6-7/1948	1.25 6-7/1948
Apr.	Amt. Date	1.03 30/1950	1.08 30/1950	1.09 30/1950	1.14 30/1950	1.42 30-1/1950	1.93 30-1/1950
May	Amt. Date	1.10 26/1946	1.73 26/1946	2.25 26/1946	2.80 26/1946	2.99 26/1946	3.00 14/1950
Jun.	Amt. Date	1.04 29/1950	1.11 29/1950	1.35 20/1947	1.89 29/1950	2.05 29/1950	2.05 29/1950
Jul.	Amt. Date	1.53 19/1949	2.05 19/1949	2.19 19/1949	2.34 19/1949	2.55 22/1946	2.94 16-17/1945
Aug.	Amt. Date	2.09 28/1949	2.39 28/1949	2.56 28/1949	2.81 28/1949	2.83 28/1949	2.83 28/1949
Sep.	Amt. Date	1.70 18/1949	2.04 18/1949	2.11 18/1949	2.24 18/1949	3.32 15/1945	4.77 15-16/1945
Oct.	Amt. Date	1.74 28/1947	2.90 28/1947	3.44 28/1947	3.74 28/1947	3.78 28/1947	3.80 28/1947
Nov.	Amt. Date	1.13 2/1947	1.35 2-3/1947	1.61 2-3/1947	1.73 3-4/1948	2.43 3-4/1948	2.60 3-4/1948
Dec.	Amt. Date	0.53 7/1950	0.70 7/1950	1.03 29-30/1948	1.27 29-30/1948	1.54 4-5/1945	2.25 4-5/1945
Annual	Amt. Date	2.09 8/28/49	2.90 10/28/47	3.44 10/28/47	3.74 10/28/47	3.78 10/28/47	4.77 9/15-16/45

a Also 13/1950.

Station: RAVEN MOUNTAIN, NORTH CAROLINA*

Drainage basin: LITTLE TENNESSEE

County: MACON-SWAIN

Lat. 35° 20'N Long. 83° 22'W

Elev.(ft.) 4500

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.73 7/1946	0.95 7/1946	1.05 7/1946	1.71 7/1946	2.51 18-19/1950	2.96 4-5/1949
Feb.	Amt. Date	0.80 25/1944	0.96 25/1944	1.32 16/1942	2.02 16/1942	2.58 16/1942	3.05 9-10/1946
Mar.	Amt. Date	0.66 28/1946	1.00 28/1946	1.32 28/1946	1.86 8/1946	2.36 19/1944	3.33 12-13/1950
Apr.	Amt. Date	0.82 8/1946	0.90 8/1946	0.99 17/1945	1.43 28/1945	1.53 28/1945	1.81 31-1/1948
May	Amt. Date	1.31 16/1947	1.31 16/1947	1.31 16/1947	1.32 16/1947	1.86 10/1949	1.99 10-11/1949
Jun.	Amt. Date	1.65 28/1943	2.01 28/1943	2.26 28/1943	2.45 16/1949	3.96 15-16/1949	5.25 15-16/1949
Jul.	Amt. Date	1.70 11/1949	2.33 11/1949	2.84 11/1949	3.08 11/1949	3.30 11-12/1949	3.82 11-12/1949
Aug.	Amt. Date	2.30 8/1940	3.10 8/1940	3.12 8/1940	3.61 29-30/1940	4.52 29-30/1940	7.13 29-30/1940
Sep.	Amt. Date	1.82 9/1948	1.82 9/1948	1.82 9/1948	1.93 13-14/1945	2.54 13-14/1945	3.20 13-14/1945
Oct.	Amt. Date	0.92 8/1949	0.92 8/1949	1.13 23/1945	1.53 30/1949	2.41 30/1949	3.70 30-31/1949
Nov.	Amt. Date	0.54 19/1945	0.94 6/1948	1.21 6/1948	1.88 28/1948	2.95 28/1948	3.62 28/1948
Dec.	Amt. Date	0.63 29/1942	0.89 29/1942	1.08 29/1942	1.50 4/1945	2.10 4/1945	3.03 28-29/1942
Annual	Amt. Date	2.30 8/8/40	3.10 8/8/40	3.12 8/8/40	3.61 8/29-30/40	4.52 8/29-30/40	7.13 8/29-30/40

*Formerly West Mills, North Carolina

Station: RICH MOUNTAIN GAP, NORTH CAROLINA*

Drainage basin: HOLSTON

County: WATAUGA

Lat. 36° 20'N Long. 81° 43'W

Elev.(ft.) 4350

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.34 12/1947	0.57 30/1947	0.67 30/1947	0.80 1/1947	0.95 30-31/1949	1.42 29-30/1950
Feb.	Amt. Date	0.25 ^a 13/1946	0.41 9/1950	0.53 27/1949	0.79 9/1950	1.29 28-1/1950	1.39 28-1/1950
Mar.	Amt. Date	0.65 27/1950	1.10 27/1950	1.32 27/1950	1.56 27/1950	1.56 27/1950	1.61 27-28/1950
Apr.	Amt. Date	0.70 8/1948	0.94 8/1948	1.10 8/1948	1.38 12-13/1949	1.76 ^E 12-13/1949	2.12 7-8/1948
May	Amt. Date	0.93 17/1945	1.13 17/1945	1.14 17/1945	1.51 17/1945	3.01 16-17/1945	4.22 16-17/1945
Jun.	Amt. Date	0.77 16/1949	1.21 18/1945	1.29 18/1945	1.60 16/1949	1.96 16/1949	3.72 15-16/1949
Jul.	Amt. Date	1.91 12/1941	2.03 12/1941	2.16 12/1941	2.20 12/1941	2.31 12/1941	3.27 29-30/1940
Aug.	Amt. Date	0.80 3/1948	1.12 11/1943	1.66 28/1949	2.76 28/1949	3.39 13-14/1940	4.18 13-14/1946
Sep.	Amt. Date	1.03 2/1943	1.49 2/1943	1.72 2/1943	1.91 2/1943	2.34 8-9/1950	3.32 29/1944
Oct.	Amt. Date	0.70 23/1945	0.70 23/1945	0.90 30/1949	1.20 30/1949	1.67 16-17/1947	2.27 16-17/1947
Nov.	Amt. Date	0.54 6/1948	0.99 6/1948	1.34 6/1948	1.70 2/1947	2.99 2/1947	3.67 2-3/1947
Dec.	Amt. Date	0.72 7/1950	1.40 7/1950	2.00 7/1950	3.40 7/1950	4.43 6-7/1950	4.48 6-7/1950
Annual	Amt. Date	1.91 7/12/41	2.03 7/12/41	2.16 7/12/41	3.40 12/7/50	4.43 12/6-7/50	4.48 12/6-7/50

*Formerly Zionville, North Carolina, and combined with Snake Mountain, North Carolina.
a Also 14/1948.

Station: ROARING GAP, NORTH CAROLINA

Drainage basin: PEE DEE

County: ALLEGHANY

Lat. 36° 28'N Long. 80° 58'W

Elev.(ft.) 3300

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.49 1/1945	0.62 1/1945	0.79 1/1945	1.03 1/1945	1.31 31-1/1945	1.89 6-7/1946
Feb.	Amt. Date	0.36 17/1944	0.60 11/1943	0.75 17/1944	1.15 17/1944	1.55 17/1944	2.00 17/1944
Mar.	Amt. Date	0.62 14/1946	1.19 14/1946	1.62 14/1946	2.23 14/1946	2.48 14/1946	2.85 31-1/1948
Apr.	Amt. Date	0.50 17/1945	0.78 17/1945	0.90 19/1943	1.40 19/1943	2.24 18-19/1943	3.17 18-19/1943
May	Amt. Date	1.33 15/1945	1.54 15/1945	1.60 15/1945	1.87 5-6/1944	2.83 5-6/1944	2.93 5-6/1944
Jun.	Amt. Date	1.80 13/1947	2.32 13-14/1947	2.70 13-14/1947	4.15 13-14/1947	5.16 13-14/1947	7.48 13-14/1947
Jul.	Amt. Date	2.35 29/1945	2.41 29/1945	2.41 29/1945	2.43 29/1945	2.50 29/1945	3.53 1-2/1946
Aug.	Amt. Date	2.45 12/1943	3.35 12/1943	3.51 12/1943	3.80 28/1949	4.61 28/1949	4.61 28/1949
Sep.	Amt. Date	1.55 6/1942	2.63 6/1942	2.95 6/1942	4.03 6/1942	5.15 6/1942	5.79 16-17/1945
Oct.	Amt. Date	0.78 9/1947	1.28 20/1944	1.84 20/1944	3.22 20/1944	4.66 20/1944	5.52 9-10/1947
Nov.	Amt. Date	0.86 8/1943	1.32 3/1950	1.34 3/1950	1.54 2/1947	2.06 8/1943	3.27 7-8/1943
Dec.	Amt. Date	0.57 7/1950	0.92 7/1950	1.26 7/1950	2.41 7/1950	3.53 7/1950	3.55 6-7/1950
Annual	Amt. Date	2.45 8/12/43	3.35 8/12/43	3.51 8/12/43	4.15 6/13-14/47	5.16 6/13-14/47	7.48 6/13-14/47

Station: SHELBY, NORTH CAROLINA

Drainage basin: BROAD

County: CLEVELAND

Lat. 35° 18' N Long. 81° 33' W

Elev.(ft.) 900 E

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.80 6/1946	0.87 6/1946	1.04 18/1943	1.71 6/1946	2.34 6/1946	2.76 6-7/1946
Feb.	Amt. Date	0.84 16/1942	1.32 16/1942	1.64 16/1942	2.64 16/1942	3.02 16/1942	3.34 16-17/1942
Mar.	Amt. Date	0.74 14/1946	0.85 27/1944	0.96 14/1946	1.10 14/1946	1.53 19/1944	2.85 19-20/1944
Apr.	Amt. Date	1.05 19/1943	1.35 19/1943	1.54 19/1943	2.01 11/1944	2.71 11/1944	3.05 18-19/1943
May	Amt. Date	1.65 24/1947	1.72 24/1947	1.94 24/1947	2.23 24-25/1947	2.42 24-25/1947	2.56 24-25/1947
Jun.	Amt. Date	2.38 12/1943	2.93 11-12/1943	3.10 6-7/1943	3.26 6-7/1943	3.27 6-7/1943	3.27 6-7/1943
Jul.	Amt. Date	3.23 15/1949	3.42 15/1949	5.09 15/1949	5.72 15-16/1949	5.87 15-16/1949	5.97 15-16/1949
Aug.	Amt. Date	1.88 11/1943	2.43 11/1943	2.43 11/1943	2.44 11/1943	3.29 28/1949	3.62 28/1949
Sep.	Amt. Date	1.45 22/1946	1.55 22/1946	1.99 29/1944	3.47 29-30/1944	3.56 29-30/1944	4.46 16-17/1945
Oct.	Amt. Date	1.37 20/1950	1.97 6/1949	2.17 6/1949	2.71 6-7/1949	2.97E 6-7/1949	3.40 19-20/1950
Nov.	Amt. Date	0.55 7/1943	0.93 2/1947	1.07 2/1947	1.63 2/1947	2.18 2/1947	2.37 2-3/1947
Dec.	Amt. Date	0.47 25/1945	0.82 25/1945	1.05 25/1945	1.36 25/1945	1.86 25-26/1943	2.42 4/1945
Annual	Amt. Date	3.23 7/15/49	3.42 7/15/49	5.09 7/15/49	5.72 7/15-16/49	5.87 7/15-16/49	5.97 7/15-16/49

Station: SNEADS FERRY, NORTH CAROLINA

Drainage basin: COASTAL

County: ONSLOW

Lat. 34° 33' N Long. 77° 24' W

Elev.(ft.) 10

Period of record: 1946-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.73 12/1947	0.85 12/1947	1.00 24/1948	1.45 24/1948	1.49 24/1948	1.49 24/1948
Feb.	Amt. Date	0.37 4/1947	0.39 4/1947	0.49 6/1948	0.70a 6/1948	1.22 9/1948	1.38 8-9/1948
Mar.	Amt. Date	0.91 2/1948	0.97 2/1948	0.99 2/1948	1.30 9-10/1948	1.82 9-10/1948	2.00 9-10/1948
Apr.	Amt. Date	0.96 5/1950	1.00 5/1950	1.06 12/1949	1.07 12/1949	1.07 12/1949	1.10 5/1950
May	Amt. Date	0.96 1/1950	1.52 1/1950	1.62 1/1950	1.81 1/1950	1.83 1/1950	1.83 1/1950
Jun.	Amt. Date	1.75 8/1948	2.17 30/1949	2.88 30/1949	3.10 30-1/1949	3.15 30-1/1949	3.62 30-1/1949
Jul.	Amt. Date	2.38 8/1950	3.55 8/1950	4.24 8/1950	4.92 8/1950	6.66 8-9/1950	7.90 7-8/1950
Aug.	Amt. Date	1.51 20/1950	2.02 20/1950	2.70 20/1950	2.74 20/1950	2.90 20/1950	2.90 20/1950
Sep.	Amt. Date	1.65 10/1950	2.22 9/1950	2.67 9/1950	2.98 9/1950	3.05 9/1950	4.66 23-24/1947
Oct.	Amt. Date	2.13 19/1950	2.88 19/1950	3.10 19/1950	4.06 19-20/1950	4.76 19-20/1950	5.10 19-20/1950
Nov.	Amt. Date	1.05 11/1947	1.60 11/1947	2.00 11/1947	2.61 11/1947	3.87 11/1947	3.99 11/1947
Dec.	Amt. Date	1.02 20/1946	1.45 20/1946	1.50 20/1946	1.59 30/1948	1.82 30/1948	1.84 30/1948
Annual	Amt. Date	2.38 7/8/50	3.55 7/8/50	4.24 7/8/50	4.92 7/8/50	6.66 7/8-9/50	7.90 7/7-8/50

a Also 9/1948.

Station: SPRUCE MOUNTAIN, NORTH CAROLINA*

Drainage basin: FRENCH BROAD

County: SWAIN

Lat. 35° 37'N Long. 83° 11'W

Elev.(ft.) 4800

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.53 20/1947	0.79 27/1950	1.03 5/1949	1.63 5/1949	2.60 5/1949	3.48 4-5/1949
Feb.	Amt. Date	0.90 17/1944	1.05 17/1944	1.19 17/1944	1.65 10/1946	2.30 ^a 16/1942	2.76 9-10/1946
Mar.	Amt. Date	0.56 16/1943	0.80 ^b 18/1949	1.09 8/1946	1.75 8/1946	2.33 19/1944	2.99 19/1944
Apr.	Amt. Date	0.60 28/1949	0.90 8/1948	1.16 28/1949	1.64 27-28/1949	1.78 27-28/1949	1.99 7-8/1948
May	Amt. Date	0.71 16/1946	1.26 21/1947	1.47 21/1947	2.00 21/1947	2.05 21/1947	2.09 21-22/1947
Jun.	Amt. Date	1.65 12/1949	2.44 12/1949	2.49 12/1949	2.51 12/1949	2.57 16/1949	2.69 16/1949
Jul.	Amt. Date	1.30 15/1949	1.35 15/1949	1.35 15/1949	1.71 7/1946	1.80 6-7/1941	2.18 25-26/1943
Aug.	Amt. Date	1.72 5/1945	1.94 5/1945	1.95 5/1945	2.07 29-30/1940	2.84 29-30/1940	4.32 29-30/1940
Sep.	Amt. Date	0.96 14/1947	1.07 14/1947	1.40 6/1948	1.87 6/1948	2.49 26-27/1942	4.05 26-27/1942
Oct.	Amt. Date	0.66 27/1941	1.30 27/1941	1.62 27/1941	2.09 30/1949	3.00 30/1949	3.90 30-31/1949
Nov.	Amt. Date	0.69 6/1948	1.30 6/1948	1.65 6/1948	2.25 6/1948	3.07 28/1948	3.93 28-29/1948
Dec.	Amt. Date	0.64 25/1945	0.91 25/1945	1.09 25/1945	1.51 25/1945	2.20 6-7/1950	2.84 28-29/1942
Annual	Amt. Date	1.72 8/5/45	2.44 6/12/49	2.49 6/12/49	2.51 6/12/49	3.07 11/28/48	4.32 8/29-30/40

*Formerly Maggie, North Carolina.
 a Also 10/1946. b Also 27/1950.

Station: TEYAHALLEE BALD, NORTH CAROLINA

Drainage basin: LITTLE TENNESSEE

County: GRAHAM

Lat. 35° 15' N Long. 83° 48' W

Elev.(ft.) 4750

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.28 18/1943	1.29 18/1943	1.33 5/1949	1.98 5/1949	2.72 19-20/1947	3.87 4-5/1949
Feb.	Amt. Date	0.76 26/1944	0.96 10/1946	1.27 16/1942	1.96 9-10/1946	2.70 12-13/1945	3.34 12-13/1945
Mar.	Amt. Date	0.73 4/1941	1.23 4/1941	1.49 18/1949	1.81a 8/1946	2.85 12-13/1950	4.14 12-13/1950
Apr.	Amt. Date	0.77 14/1948	0.89 14/1948	1.24 13-14/1948	2.20 13-14/1948	2.28 13-14/1948	2.46 13-14/1948
May	Amt. Date	1.10 15/1946	1.23 26/1948	1.27 26/1948	1.73 11/1946	2.17 11/1946	2.57 19-20/1942
Jun.	Amt. Date	1.39 2/1941	1.80 21/1950	1.98 21/1950	2.20 4/1950	3.52 15-16/1949	3.79 15-16/1949
Jul.	Amt. Date	1.46 16/1941	2.76 16/1941	2.92 10/1942	3.33 10/1942	3.43 9-10/1942	3.91 10-11/1942
Aug.	Amt. Date	1.22 22/1945	1.40 22/1945	1.40 22/1945	1.46 20/1949	1.49 20/1949	1.84 23-24/1945
Sep.	Amt. Date	0.87 8/1945	1.33 29/1944	1.66 29/1944	2.83 29/1944	3.21 29-30/1944	3.89 26-27/1942
Oct.	Amt. Date	0.66 31/1942	1.01 27/1941	1.36 27/1941	1.98 27/1941	3.06 30/1949	4.49 30-31/1949
Nov.	Amt. Date	0.90 6/1948	1.52 6/1948	2.04 6/1948	2.78 6/1948	3.10 28/1948	4.83E 28-29/1948
Dec.	Amt. Date	0.57 28/1942	0.99 28/1942	1.18 28/1942	1.99 28/1942	2.38 28/1942	4.00 28-29/1942
Annual	Amt. Date	1.46 7/16/41	2.76 7/16/41	2.92 7/10/42	3.33 7/10/42	4.10 11/28/48	4.83E 11/28-29/48

a Also 18/1949.

Station: WAYAH BALD, NORTH CAROLINA

Drainage basin: LITTLE TENNESSEE

County: MACON

Lat. 35° 11' N Long. 83° 34' W

Elev.(ft.) 5330

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.48 6/1946	0.84 19/1950	1.13 15/1947	1.73 15/1947	2.51 19-20/1947	3.56 4-5/1949
Feb.	Amt. Date	0.75 17/1945	1.34 17/1945	1.84 17/1945	2.44 17/1945	2.64 17/1945	3.16 26-27/1944
Mar.	Amt. Date	0.86 27/1948	1.39 18/1949	1.78 18/1949	2.06 18/1949	2.90 12-13/1950	4.40 12-13/1950
Apr.	Amt. Date	0.71 16/1946	1.11 17/1945	1.49 17/1945	2.07 28/1945	2.25 28/1945	2.28 28-29/1945
May	Amt. Date	1.10 17/1945	1.38 17/1945	1.40 17/1945	1.48 2/1946	1.70 27-28/1950	2.09 27-28/1948
Jun.	Amt. Date	1.28 12/1944	1.80 16/1949	2.60 16/1949	3.80 16/1949	5.90 15-16/1949	6.82 15-16/1949
Jul.	Amt. Date	1.19 15/1946	1.49 15/1946	1.65 15/1946	1.68 15/1946	1.68 15/1946	2.48 15/1946
Aug.	Amt. Date	0.57 2/1949	0.89 30/1950	1.20 30/1950	1.48 30/1950	1.72 30-31/1950	2.76 30-31/1950
Sep.	Amt. Date	1.40 8/1947	1.53 8/1947	1.53 8/1947	1.64 29/1944	2.48 13-14/1945	3.80 13-14/1945
Oct.	Amt. Date	0.70 30/1949	0.97 30/1949	1.24 30/1949	1.80 8/1946	3.23 30/1949	3.98E 30-31/1949
Nov.	Amt. Date	0.79 28/1948	1.23 20/1950	1.46 6/1948	2.21 28/1948	3.27 28/1948	4.06 28-29/1948
Dec.	Amt. Date	0.40a 12/1946	0.80 29/1948	0.90 29/1948	1.15 24/1945	1.80 29/1948	2.06 25-26/1943
Annual	Amt. Date	1.40 9/8/47	1.80 6/16/49	2.60 6/16/49	3.80 6/16/49	5.90 6/15-16/49	6.82 6/15-16/49

a Also 29/1948.

Station: WELDON, NORTH CAROLINA

Drainage basin: ROANOKE

County: HALIFAX

Lat. 36° 25'N Long. 77° 35'W

Elev.(ft.) 80

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.78 18/1943	0.97 3/1944	1.31 3/1944	1.57 3/1944	1.90 2-3/1944	2.13 2-3/1944
Feb.	Amt. Date	0.44 17/1942	0.65 13/1945	0.90 13/1945	1.47 13/1945	1.74 13/1945	1.82 12-13/1945
Mar.	Amt. Date	0.53 8/1942	1.02 8/1942	1.10 8/1942	1.21 8-9/1942	1.83 6/1943	1.92 19-20/1944
Apr.	Amt. Date	0.77 25/1946	0.99 25/1946	1.14 25/1946	1.27 25/1946	1.64 25/1946	1.90 25-26/1946
May	Amt. Date	0.90 28/1946	1.20 21/1942	1.69 12/1943	1.70 12/1943	2.20 10-11/1949	2.50 10-11/1949
Jun.	Amt. Date	1.16 30/1944	1.22 30/1944	1.40 10/1942	1.83 10/1942	1.90 10/1942	1.93 10-11/1942
Jul.	Amt. Date	1.73 9/1950	2.44 9/1950	2.73 9/1950	2.83 9/1950	3.23 9/1950	3.61 9/1950
Aug.	Amt. Date	1.50 23/1950	1.95 3/1950	2.01 3/1950	2.01a 3/1950	2.06 23-24/1950	2.88 19-20/1941
Sep.	Amt. Date	2.40 12/1950	2.95 12/1950	4.24 12/1950	4.39 12-13/1950	4.39 12-13/1950	4.41 12-13/1950
Oct.	Amt. Date	0.46b 12/1946	0.77 28/1941	0.95 28/1941	1.19 4-5/1948	1.91 31-1/1949	2.69 31-1/1949
Nov.	Amt. Date	0.65 27/1944	1.00 27/1944	1.14 27/1944	1.68 27/1944	1.98 27/1944	2.69 31-1/1949
Dec.	Amt. Date	0.67 4/1941	0.87 4/1941	1.01 4/1941	1.66c 4-5/1941	1.41 30/1948	1.65 4-5/1945
Annual	Amt. Date	2.40 9/12/50	2.95 9/12/50	4.24 9/12/50	4.39 9/12-13/50	4.39 9/12-13/50	4.41 9/12-13/50

a Also 23/1950.

b Also 15/1947.

c Also 30/1948.

Station: WENDELL, NORTH CAROLINA

Drainage basin: NEUSE

County: WAKE

Lat. 35° 43'N Long. 78° 27'W

Elev.(ft.) 300

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.81 18/1943	1.01 18/1943	1.71 18/1943	2.01 18/1943	2.22 18/1943	2.48 18-19/1943
Feb.	Amt. Date	0.54 16/1949	0.63 23/1950	0.89 16/1949	1.02 12-13/1945	1.37 10/1946	1.63 9-10/1946
Mar.	Amt. Date	0.72 30/1946	0.83 30/1946	0.88 23/1948	1.22 6/1943	1.62 6/1943	2.57 19-20/1944
Apr.	Amt. Date	0.92 11/1944	1.12 11/1944	1.34 11/1944	2.01 11/1944	2.24 11-12/1944	2.24 11-12/1944
May	Amt. Date	1.30 10/1949	1.65 10/1949	1.75 10/1949	1.98 22/1947	2.39 22/1947	2.54 21-22/1947
Jun.	Amt. Date	2.64 29/1949	2.99 29/1949	3.11 29/1949	3.31 29/1949	4.62 8-9/1943	4.85 8-9/1943
Jul.	Amt. Date	2.48 13/1941	4.66 13/1941	4.87 13/1941	5.57 31/1941	5.60 13/1941	5.60 13/1941
Aug.	Amt. Date	2.31 28/1949	2.73 28/1949	2.81 28/1949	3.05 28/1949	3.09 28/1949	3.44 14-15/1940
Sep.	Amt. Date	2.12 9/1950	2.28 9/1950	2.36 9/1950	2.61 30/1944	3.01 29/1948	4.37 29-30/1944
Oct.	Amt. Date	0.99 28/1941	1.46 28/1941	1.57 28/1941	2.13 27-28/1941	2.67 11-12/1942	3.02 11-12/1942
Nov.	Amt. Date	1.04 4/1948	1.52 4/1948	2.33 4/1948	2.45 4/1948	2.68 3-4/1948	2.91 3-4/1948
Dec.	Amt. Date	0.63 4/1941	0.96 4/1941	1.00 4/1941	1.12 26/1943	1.76 26/1943	2.27 4-5/1945
Annual	Amt. Date	2.64 6/29/49	4.66 7/13/41	4.87 7/13/41	5.57 7/13/41	5.60 7/13/41	5.60 7/13/41

Station: WILMINGTON WB CITY, NORTH CAROLINA*

Drainage basin: CAPE FEAR

County: NEW HANOVER

Lat. 34° 14' N Long. 77° 57' W

Elev.(ft.) 6

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.63 18/1943	0.86 17-18/1943	1.14 23/1940	1.39 19/1943	1.47 23/1940	1.51 23-24/1940
Feb.	Amt. Date	1.14 14/1944	1.43 14/1944	1.76 14/1944	2.10 14/1944	2.58 10/1940	3.12 10-11/1940
Mar.	Amt. Date	1.26 14/1947	1.86 14/1947	1.99 14/1947	2.13a 6-7/1944	2.22 6-7/1944	2.94 6-7/1944
Apr.	Amt. Date	0.80 7/1948	0.97 7/1948	1.11 7/1948	1.17 17/1946	1.75 16-17/1946	2.30 16-17/1946
May	Amt. Date	1.23 17/1948	1.59 15/1942	1.85 15/1942	2.12 15/1942	2.36 15/1942	2.47 15-16/1942
Jun.	Amt. Date	1.98 4/1950	2.72 25/1945	3.26 4/1950	4.46 25/1945	7.17 25/1945	7.69 25/1945
Jul.	Amt. Date	2.38 5/1946	3.11 5/1946	3.82 7/1950	4.79 6-7/1950	4.89 6-7/1950	7.11 6-7/1950
Aug.	Amt. Date	1.93 1/1940	2.45 1/1940	2.49 1/1940	3.07 1/1944	3.52 1/1944	4.18 1/1944
Sep.	Amt. Date	1.87 3/1947	1.87 3/1947	2.57 19/1946	3.74 19/1946	5.65 19/1946	7.71 18-19/1946
Oct.	Amt. Date	1.21 17/1947	1.76 19-20/1944	2.49 19-20/1944	3.52 19-20/1944	4.59 19-20/1944	4.73 19-20/1944
Nov.	Amt. Date	1.04 21/1945	1.14 21/1945	1.19 11/1947	1.73 31-1/1949	2.33 11/1947	2.83 11/1947
Dec.	Amt. Date	1.20 23/1941	1.59 23/1941	2.07 23/1941	2.85 23/1941	3.85 23/1941	4.14 23-24/1941
Annual	Amt. Date	2.38 7/5/46	3.11 7/5/46	3.82 7/7/50	4.79 7/6-7/50	7.17 6/25/45	7.71 9/18-19/46

*Given for comparative purposes see next page for complete record.

a Also 14/1947.

February 1-hr, December 2-, and 24-hr amounts are true maxima.

Station: WILMINGTON WB CITY, NORTH CAROLINA

Drainage basin: CAPE FEAR

County: NEW HANOVER

Lat. 34° 14' N Long. 77° 57' W

Elev.(ft.) 6

Period of record: 1893-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.07 18/1915	1.47 18/1915	1.65 18/1915	2.30 18/1915	3.32 18/1915	3.84 18/1915
Feb.	Amt. Date	1.14 14/1944	1.54 11/1910	1.87 11/1910	2.41 11/1910	2.58a 11/1910	3.12 10-11/1940
Mar.	Amt. Date	1.67 20/1924	2.18 20/1924	2.27E 20/1924	2.42 10/1936	4.06 10/1936	5.19 9-10/1936
Apr.	Amt. Date	1.54 23/1928	1.86 23/1928	2.13 23/1928	2.67 23/1928	2.72 23/1928	3.72 28-29/1895
May	Amt. Date	1.43 28/1934	1.90 8/1910	2.38 8-9/1910	2.38 8-9/1910	2.38 8-9/1910	2.72 21/1932
Jun.	Amt. Date	1.98 4/1950	2.94 7/1903	3.26 4/1950	4.46 25/1945	7.17 25/1945	7.69 25/1945
Jul.	Amt. Date	3.49 20/1924	5.01 20/1924	5.04E 20/1924	5.13E 20/1924	5.31E 20/1924	7.11 6-7/1950
Aug.	Amt. Date	2.10 20/1926	3.31 20-21/1926	4.05 4/1911	4.51 4/1911	4.79 4/1911	5.97 29-30/1935
Sep.	Amt. Date	2.80 23/1923	3.96 29/1938	4.97 29/1938	8.27 29/1938	9.26 29/1938	9.52 29/1938
Oct.	Amt. Date	1.36 21/1929	2.05 21/1929	2.49 19-20/1944	3.63 21/1929	4.59 19-20/1944	5.31 21-22/1929
Nov.	Amt. Date	1.14 6/1935	1.63 6/1935	1.86 11-12/1937	2.82 11-12/1937	3.94 11-12/1937	4.42 11-12/1937
Dec.	Amt. Date	1.40 5/1923	1.59 23/1941	2.07 23/1941	2.85 23/1941	3.85 23/1941	4.14 23-24/1941
Annual	Amt. Date	3.49 7/20/24	5.01 7/20/24	5.04E 7/20/24	8.27 9/29/38	9.26 9/29/38	9.52 9/29/38

a Also 10/1940.

January, March and September thru December 1-, 2-,
and 24-hr amounts are true maxima.

Station: WILSON, NORTH CAROLINA

Drainage basin: NEUSE

County: WILSON

Lat. 35° 43'N Long. 77° 55'W

Elev.(ft.) 145

Period of record: April 1948-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.26 17/1950	0.46 17/1950	0.59 17/1950	0.83 17/1950	1.05 17/1950	1.12 16-17/1950
Feb.	Amt. Date	0.36 23/1950	0.50 23/1950	0.52 23/1950	0.71 19/1949	0.88 19/1949	1.18 19-20/1949
Mar.	Amt. Date	0.53 23/1949	0.56 23/1949	0.58 23/1949	0.82 6-7/1949	1.05 6-7/1949	1.05 6-7/1949
Apr.	Amt. Date	1.98 28/1950	2.68 28/1950	2.89 28/1950	3.08 28/1950	3.10 28-29/1950	3.10 28-29/1950
May	Amt. Date	1.37 10/1949	1.62 10/1949	2.00 10/1949	2.26 10/1949	2.40 10-11/1949	2.52 9-10/1949
Jun.	Amt. Date	0.88 29/1949	1.57 29/1949	2.06 29/1949	2.42 29/1949	2.45 29/1949	2.87 29-30/1949
Jul.	Amt. Date	0.83 1/1949	0.93 21/1950	1.01 1/1949	1.03 21/1950	1.03 21/1950	1.06 16/1949
Aug.	Amt. Date	1.19 2/1949	1.94 20/1949	2.10 20/1949	2.33 20/1949	2.54 20/1949	2.69 19-20/1949
Sep.	Amt. Date	1.24 7/1949	1.84 7/1949	2.27 7/1949	4.00 7/1949	4.05 7/1949	4.05 7/1949
Oct.	Amt. Date	0.77 24/1950	1.20 24/1950	1.30 24/1950	1.87 24/1950	2.14 31-1/1949	2.67 31-1/1949
Nov.	Amt. Date	0.66 6/1948	0.74 6-7/1948	0.93 1/1949	1.53 1/1949	2.14 31-1/1949	2.67 31-1/1949
Dec.	Amt. Date	0.65 30/1948	0.85 30/1948	0.90 30/1948	1.10 30/1949	1.31 29-30/1948	1.39 29-30/1948
Annual	Amt. Date	1.98 4/28/50	2.68 4/28/50	2.89 4/28/50	4.00 9/7/49	4.05 9/7/49	4.05 9/7/49

Station: YADKINVILLE, NORTH CAROLINA

Drainage basin: PEE DEE

County: YADKIN

Lat. 36° 08'N Long. 80° 33'W

Elev.(ft.) 750 E

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.61 7/1946	1.01 6-7/1946	1.21 6-7/1946	1.37 6-7/1946	1.60 6-7/1946	2.03 6-7/1946
Feb.	Amt. Date	0.66 16/1942	1.12 16/1942	1.45 16/1942	2.16 16/1942	2.30 16/1942	2.49 16-17/1942
Mar.	Amt. Date	0.54 17/1943	0.77 16/1948	0.97 16/1948	1.38 31/1948	1.76 31/1948	2.04 31-1/1948
Apr.	Amt. Date	0.82 11/1944	1.14 11/1944	1.43 11/1944	2.25 11/1944	2.69 11/1944	3.11 11-12/1944
May	Amt. Date	1.12 20/1940	1.12 20/1940	1.53 30/1940	2.01 12/1948	2.79 30/1940	3.91 29-30/1940
Jun.	Amt. Date	1.41 12/1940	1.94 12/1940	2.08a 12/1940	3.08 27-28/1941	3.58 27-28/1941	3.92 27-28/1941
Jul.	Amt. Date	1.19 12/1940	1.70 17/1940	2.35 17/1940	2.85 17/1940	2.90 17/1940	2.90 17/1940
Aug.	Amt. Date	1.24 28/1943	1.87 14/1940	1.94 14/1940	2.27 13-14/1940	2.68 13-14/1940	4.64 13-14/1940
Sep.	Amt. Date	0.99 6/1942	1.58 6/1942	1.79 13/1945	2.09 6/1942	2.86 6/1942	4.59 29-30/1944
Oct.	Amt. Date	1.27 25/1946	1.76 25/1946	1.99 25/1946	2.24 25/1946	2.29 25-26/1946	2.29 25-26/1946
Nov.	Amt. Date	0.50 27/1945	0.87 27-28/1945	1.05 27-28/1945	1.46 28/1948	2.00 28/1948	2.26 28-29/1948
Dec.	Amt. Date	0.54 7/1950	0.69b 29/1942	0.88 4/1941	1.19 4/1941	1.52 25-26/1943	1.81 24-25/1945
Annual	Amt. Date	1.41 6/12/40	1.94 6/12/40	2.35 7/17/40	3.08 6/27-28/41	3.58 6/27-28/41	4.64 8/13-14/40

a Also 28/1941.

b Also 7/1950.