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SINCLAIR WEEKS, *Secretary*

WEATHER BUREAU

F. W. REICHELDERFER, *Chief*

TECHNICAL PAPER NO. 15

Maximum Station Precipitation for

1, 2, 3, 6, 12, and 24 Hours

Part VII: South Carolina

DIVISION OF HYDROLOGIC SERVICES

HYDROMETEOROLOGICAL SECTION

In cooperation with

CORPS OF ENGINEERS, U. S. ARMY



WASHINGTON, D. C.

1954

WITHDRAWN

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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, and (4) WB Form 1030, Monthly Climatological Summary.

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

antecedent nonrecording-gage records. Although 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 29 stations with five years or more of record are shown in table 3.

A. E. Brown, Jr. supervised the project for South Carolina. Annie Laurie Criss compiled the data which were then checked by Harlan T. Vinnedge. Marian I. Hammer did the typing.

Table 1. - Maximum Monthly Amounts for South Carolina

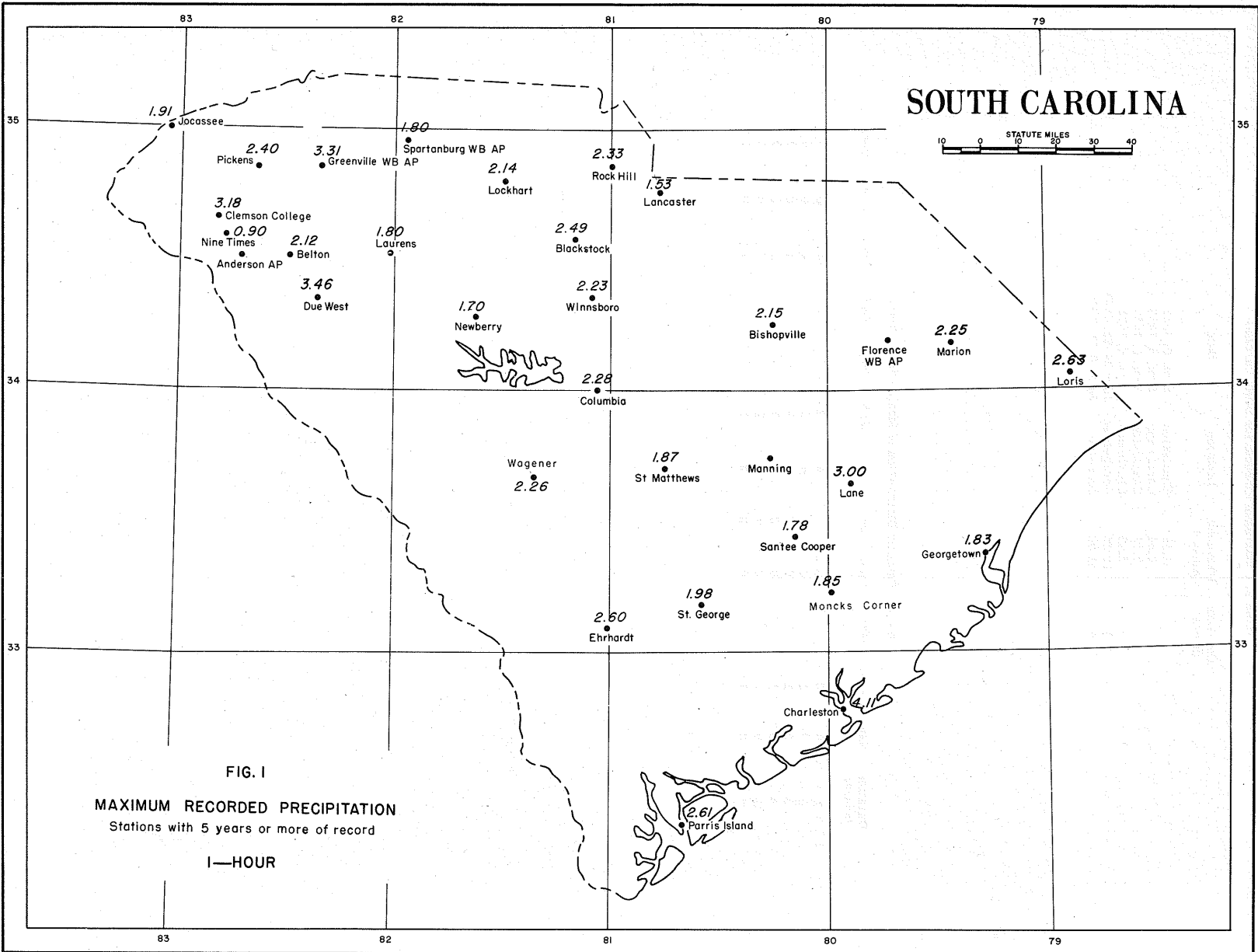
Duration (hours)	Maximum Amount	Location	Date	Duration (hours)	Maximum Amount	Location	Date
JANUARY				JULY			
1	1.60	St. Matthews	19/1943	1	3.46	Due West	27/1926
2	1.60	St. Matthews	19/1943	2	4.66	Due west	27/1926
3	1.91	Charleston	16/1925	3	4.82	Due West	27/1926
6	2.59	Charleston	16/1925	6	6.24	Charleston	14/1921
12	3.65	Belton	18/1943	12	7.50	Jocassee	11/1948
24	4.98	Jocassee	6-7/1946	24	11.88	Jocassee	10-11/1948
FEBRUARY				AUGUST			
1	1.77	Charleston	26/1939	1	3.74	Charleston	17/1945
2	2.35	Charleston	26/1939	2	4.39	Charleston	17/1945
3	2.38	Charleston	26/1939	3	4.61	Charleston	17/1945
6	3.06	Charleston	14/1944	6	4.75	Charleston	17/1945
12	4.70	Charleston	14/1944	12	6.77	Columbia	16-17/1949
24	4.77	Charleston	14/1944	24	8.43	Charleston	11-12/1940
MARCH				SEPTEMBER			
1	1.80	Laurens	15/1942	1	4.11	Charleston	6/1933
2	2.05	Charleston	23/1944	2	6.64	Charleston	6/1933
3	2.58	Charleston	23/1944	3	7.42	Charleston	6/1933
6	2.93	Charleston	23/1944	6	8.62	Charleston	6/1933
12	3.92	Blackstock	19-20/1944	12	9.03	Charleston	5-6/1933
24	5.61	Newberry	19-20/1944	24	10.57	Charleston	5-6/1933
APRIL				OCTOBER			
1	2.06	Columbia	12/1905	1	2.60	Parris Island	19/1944
2	3.01	Columbia	12/1905	2	5.04	Parris Island	19/1944
3	3.47	Columbia	12/1905	3	6.13	Parris Island	19/1944
6	3.54	Columbia	12/1905	6	8.38	Parris Island	19/1944
12	3.70	Columbia	18/1918	12	9.52	Parris Island	19/1944
		Jocassee	18-19/1943	24	10.05	Parris Island	18-19/1944
24	5.44	Jocassee	18-19/1943	NOVEMBER			
MAY				1	2.05	Charleston	3/1900
1	2.26	Wagener	28/1950	2	2.23	Charleston	3/1900
2	3.58	Bishopville	21/1942	3	2.84	Charleston	3/1900
3	4.63	Laurens	2/1946	6	3.49	Charleston	3/1900
6	4.92	Bishopville	21/1942	12	4.47	Loris	23/1948
12	5.35	Bishopville	21-22/1942	24	4.47	Loris	23/1948
24	5.88	Charleston	11-12/1915	DECEMBER			
JUNE				1	1.80	St. Matthews	25/1943
1	2.42	Charleston	20/1947	2	2.59	Charleston	26/1941
2	3.64	Due West	25/1923	3	2.84	Charleston	26/1941
3	4.53	Due West	25/1923	6	3.32	Georgetown	23/1941
		Georgetown	25/1945	12	5.51	Lane	23/1941
6	7.80	Georgetown	25/1945	24	6.56	Lane	23-24/1941
12	10.72	Georgetown	24-25/1945				
24	11.18	Georgetown	24-25/1945				

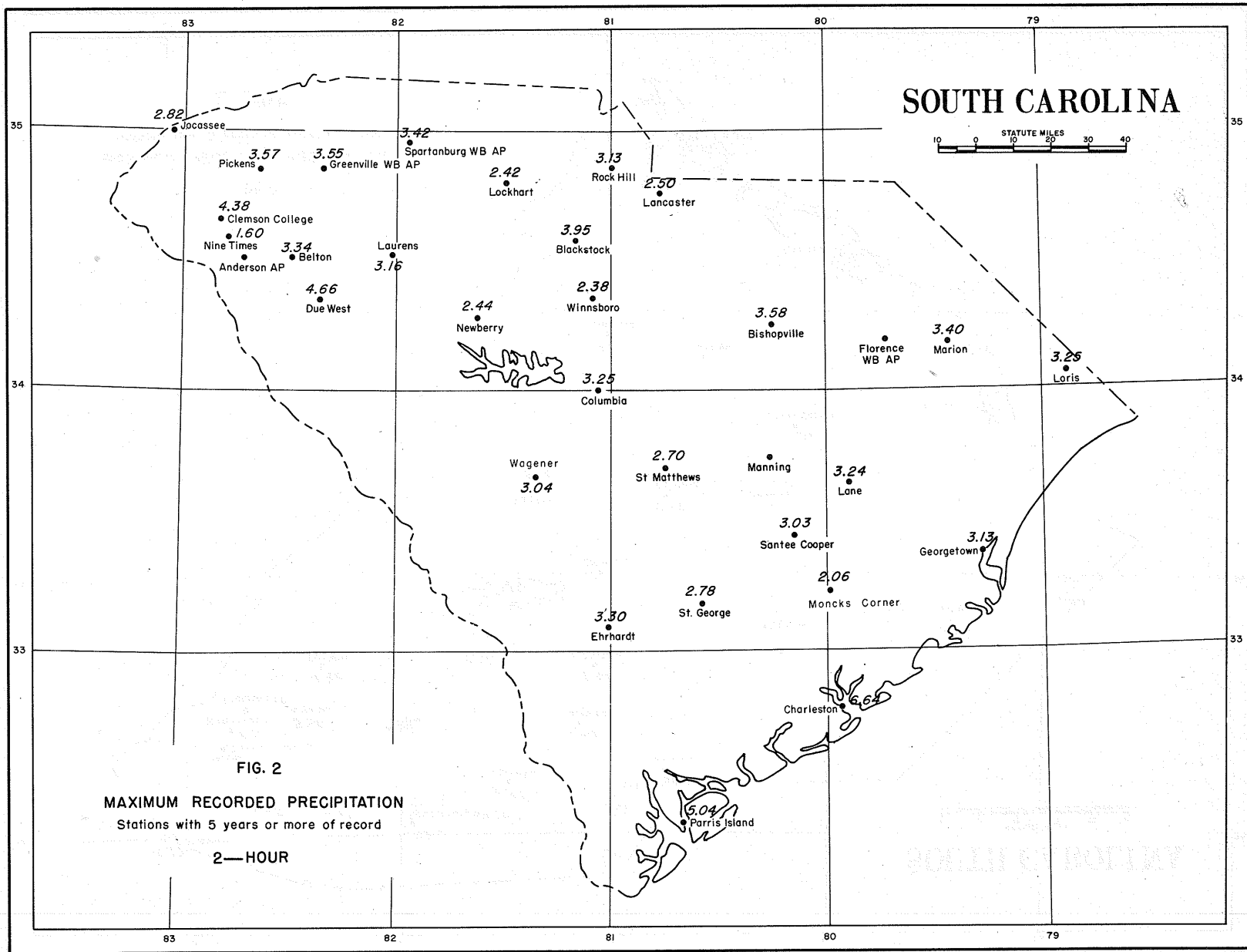
Table 2. - Maximum Amounts for South Carolina

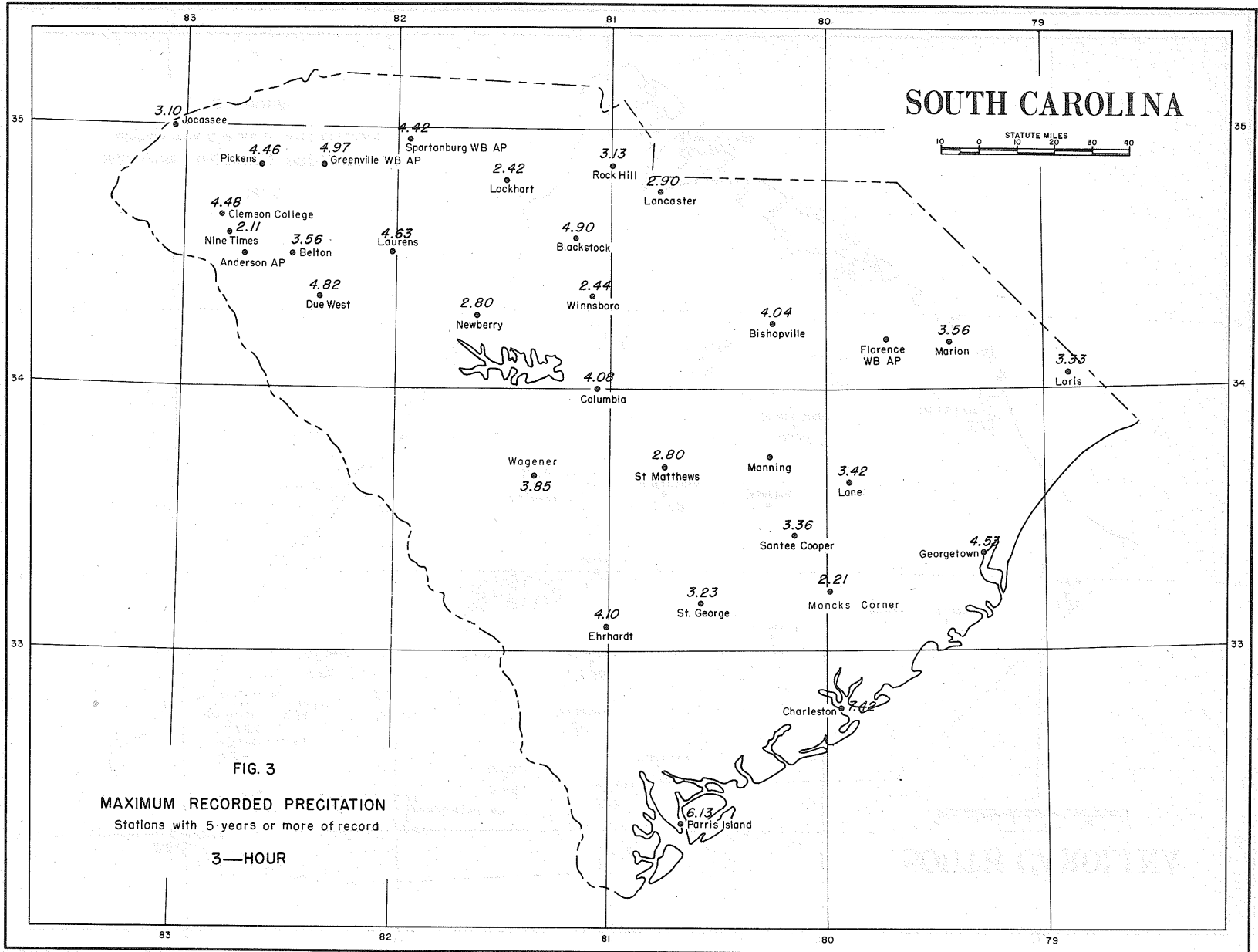
Duration (hours)	Maximum Amount	Location	Date
1	4.11	Charleston	Sept. 6, 1933
2	6.64	Charleston	Sept. 6, 1933
3	7.42	Charleston	Sept. 6, 1933
6	8.62	Charleston	Sept. 6, 1933
12	10.72	Georgetown	June 24-25, 1945
24	11.88	Jocassee	July 10-11, 1948

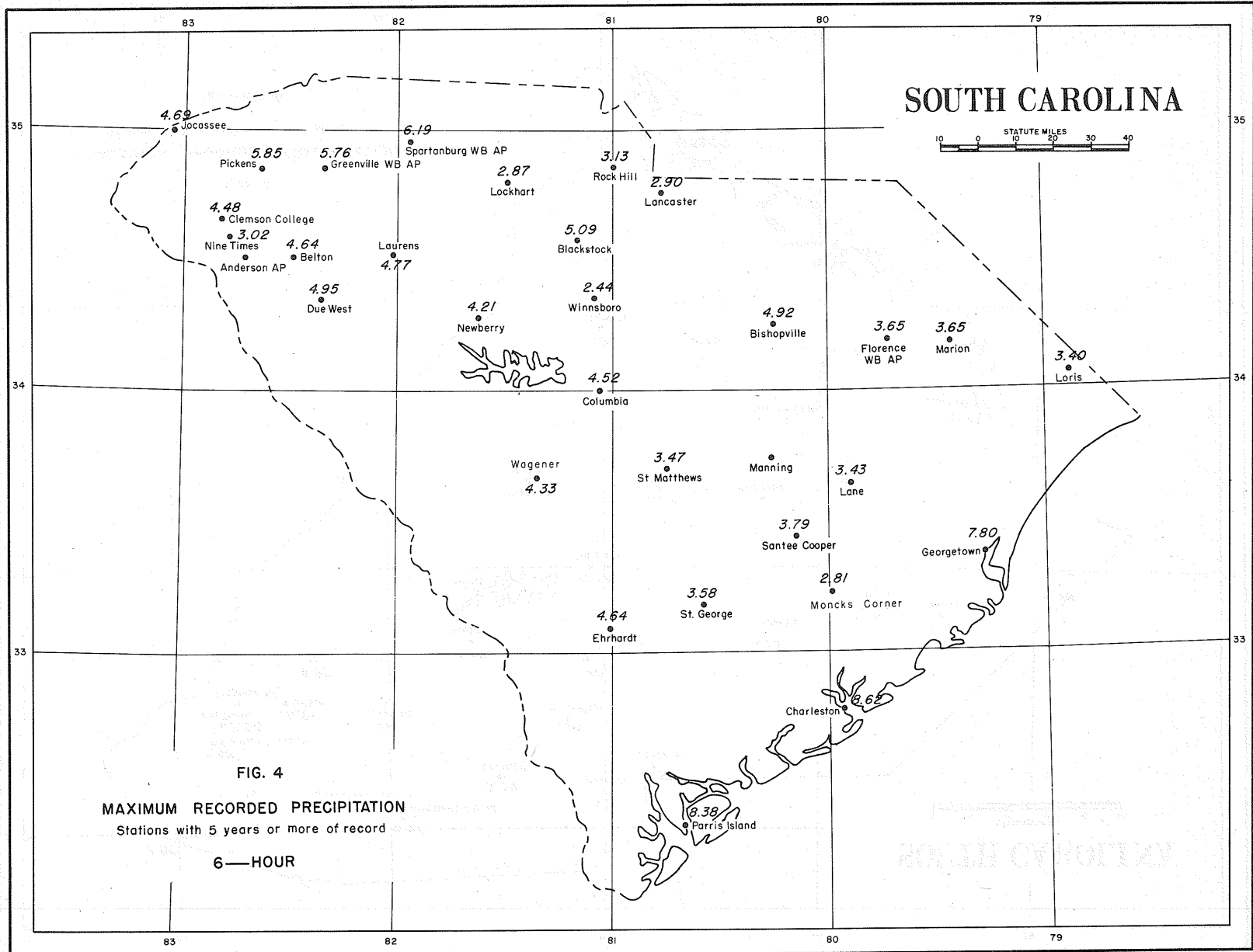
Table 3. - Monthly Distribution of Maximum Amounts

Duration (hours)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	0	1	0	1	4	8	7	4	4	0	0
2	0	1	0	0	3	4	8	6	3	4	0	0
3	0	1	0	0	3	3	9	6	3	4	0	0
6	0	1	0	0	3	1	6	8	5	5	0	0
12	0	1	0	0	3	3	2	5	7	7	0	0
24	0	1	1	0	2	2	1	5	11	5	0	1









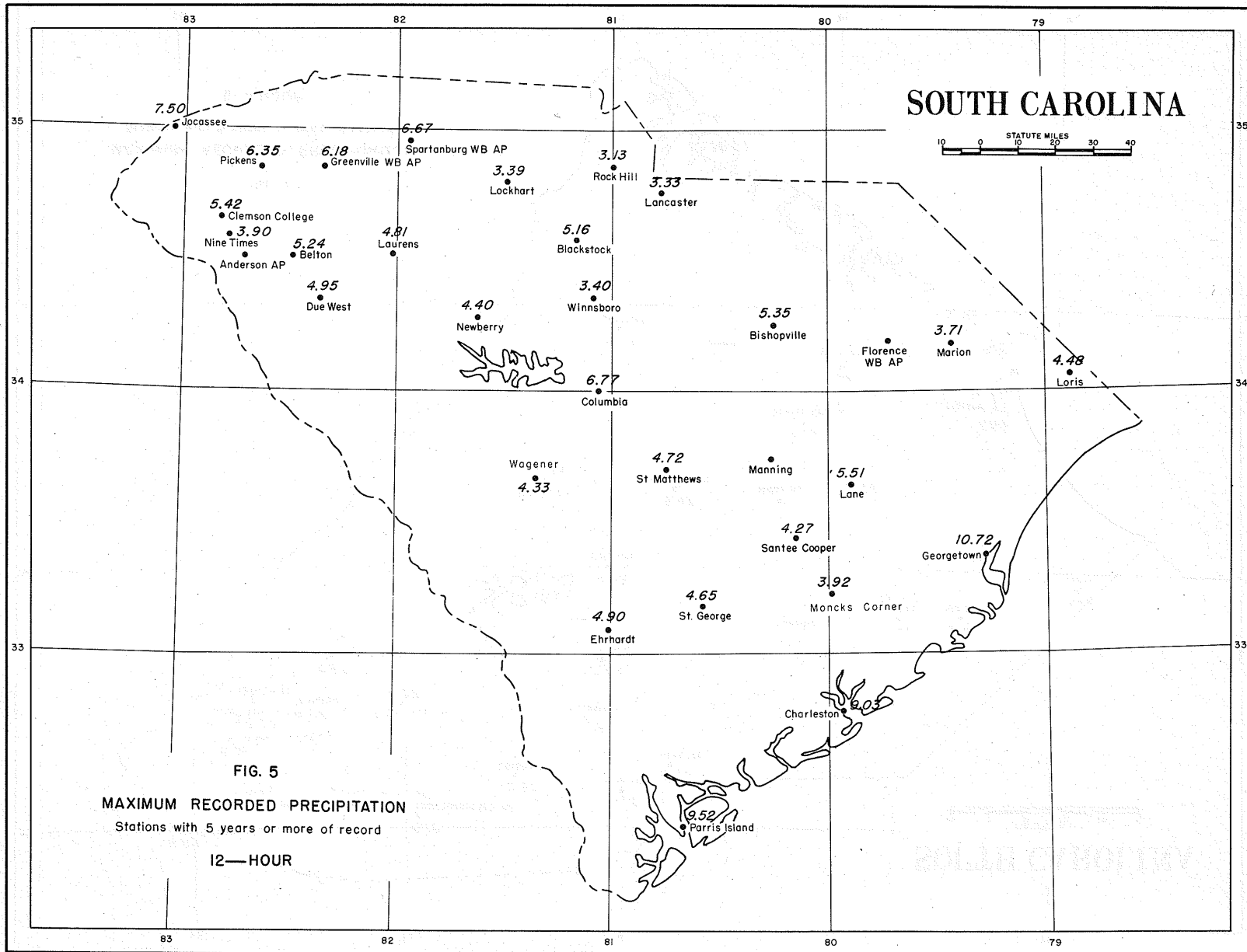
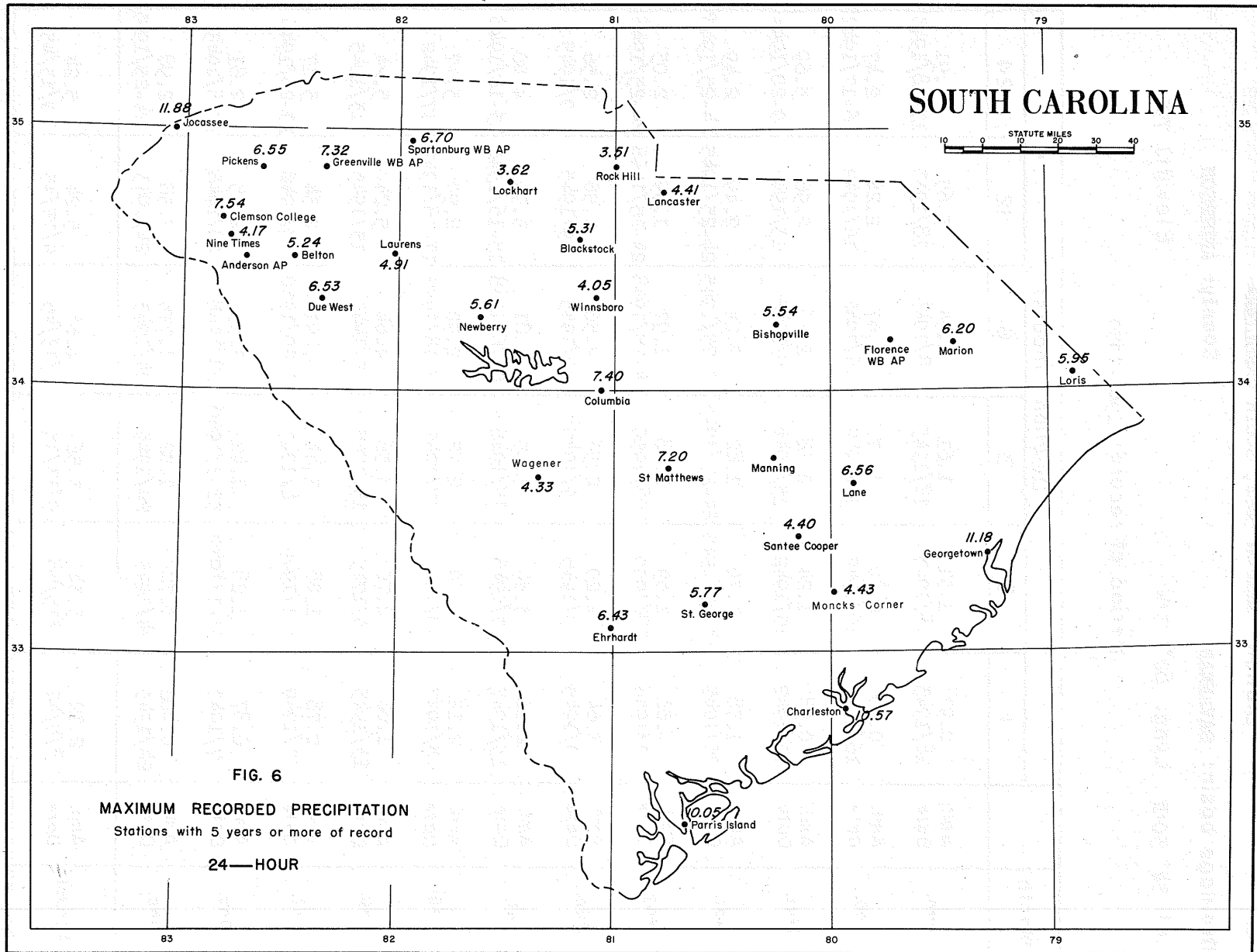


FIG. 5
MAXIMUM RECORDED PRECIPITATION
 Stations with 5 years or more of record
12—HOUR



Station: BELTON 5ESE, SOUTH CAROLINA*

Drainage basin: SAVANNAH

County: ANDERSON

Lat. 34° 30'N Long. 82° 33'W

Elev.(ft.) 792

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.97 18/1943	1.31 18/1943	1.61 18/1943	2.54 18/1943	3.65 18/1943	4.91 17-18/1943
Feb.	Amt. Date	0.60 16/1942	0.80 16/1942	1.17 16/1942	1.67 16/1942	2.24 16/1942	2.47 16-17/1942
Mar.	Amt. Date	0.98 15/1942	1.24 15/1942	2.18 15/1942	2.76 15/1942	2.96 15/1942	3.69 19-20/1944
Apr.	Amt. Date	1.38 25/1945	1.70 24-25/1945	1.82 24-25/1945	2.24 24-25/1945	2.49 24-25/1945	2.49 24-25/1945
May	Amt. Date	1.61 2/1946	1.69 28/1950	1.78 28/1950	1.97 24-25/1948	1.99 24-25/1948	2.05 24-25/1948
Jun.	Amt. Date	1.64 9/1945	2.20 9/1945	2.36 9/1945	2.56 9/1945	2.56 9/1945	2.56 9/1945
Jul.	Amt. Date	2.10 15/1947	3.34 15/1948	3.55 15/1948	3.81 15-16/1948	3.99 15-16/1948	4.00 15-16/1948
Aug.	Amt. Date	2.12 8/1947	2.30 8/1947	2.72 17/1942	2.90 17-18/1942	2.90 17-18/1942	3.17 17/1942
Sep.	Amt. Date	1.68 13/1945	2.70 13/1945	3.56 13/1945	4.64 13/1945	5.24 13/1945	5.24 13/1945
Oct.	Amt. Date	0.78 31/1949	1.28 31-1/1949	1.44 8/1947	1.91 19-20/1950	2.34 8/1946	3.17 19-20/1946
Nov.	Amt. Date	0.87 7/1943	1.28 31-1/1949	1.42 31-1/1949	1.59 28/1948	2.55 28/1948	2.81 7-8/1943
Dec.	Amt. Date	0.40 ^a 24/1943	0.72 24/1943	1.02 24/1943	1.72 ^b 24/1943	2.38 24/1943	2.98 24-25/1943
Annual	Amt. Date	2.12 8/8/47	3.34 7/15/48	3.56 9/13/45	4.64 9/13/45	5.24 9/13/45	5.24 9/13/45

*Formerly Belton 1 Mi NNE.

^aAlso recorded on 28/1942.

^bAlso recorded on 7/1950.

Station: BLACKSTOCK, SOUTH CAROLINA

Drainage basin: SANTEE

County: CHESTER & FAIRFIELD

Lat. 34° 34' N Long. 81° 09' W

Elev.(ft.) 615 EST

Period of record: 1941-1946

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.40 18/1943	0.73 19/1945	0.85 19/1945	1.25 2-3/1944	1.38 2-3/1944	2.04 18-19/1943	
Feb.	0.62 16/1942	0.87 16/1942	1.11 16/1942	1.49 16-17/1942	1.62 16-17/1942	1.79 16-17/1942	
Mar.	0.95 8/1942	1.56 19-20/1944	2.04 19-20/1944	2.78 19-20/1944	3.92 19-20/1944	5.12 19-20/1944	
Apr.	0.82 4/1941	0.97 25/1945	1.31 25/1945	1.61 25/1945	1.98 24-25/1945	1.98 24-25/1945	
May	0.96 19/1944	1.13 19/1944	1.33 19/1944	1.45 19/1944	1.45 19/1944	1.45 19/1944	
Jun.	1.83 10/1942	2.35 10/1942	2.58 10/1942	2.63 10/1942	3.71 10/1942	3.86 9-10/1942	
Jul.	1.71 14/1945	2.51 11/1941	3.23 14/1945	3.44 14/1945	3.48 14/1945	3.60 14/1945	
Aug.	2.49 4/1941	2.53 4/1941	2.60 4/1941	2.62 4/1941	2.62 4/1941	2.62 4/1941	
Sep.	2.27 4/1941	3.95 4/1941	4.90 4/1941	5.09 4/1941	5.16 4/1941	5.31 4/1941	
Oct.	0.85 21/1942	1.33 20/1944	1.92 19-20/1944	2.66 19-20/1944	3.23 19-20/1944	3.53 19-20/1944	
Nov.	0.78 23/1942	1.18 7/1943	1.30 7/1943	1.79 23/1942	2.27 23/1942	2.31 23-24/1942	
Dec.	0.56 1/1942	0.67 26/1943	0.89 25/1943	1.75 25-26/1943	2.46 25-26/1943	2.97 25-26/1943	
Annual	2.49 8/4/41	3.95 9/4/41	4.90 9/4/41	5.09 9/4/41	5.16 9/4/41	5.31 9/4/41	

Station: BISHOPVILLE, SOUTH CAROLINA

Drainage basin: FEE DEE

County: LEE

Lat. 34° 13'N Long. 80° 15'W

Elev.(ft.) 224

Period of record: 1941-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 17/1946	0.71 19/1945	0.93 19/1945	1.12 19/1945	1.12 19/1945	1.18 16-17/1950
Feb.	Amt. Date	0.79 6/1942	0.89 6/1942	0.89 6/1942	0.90 6/1942	1.19 8-9/1948	1.23 8-9/1948
Mar.	Amt. Date	1.52 25/1949	1.67 25/1949	1.75 25/1949	1.75 25/1949	1.75 25/1949	2.01 6-7/1944
Apr.	Amt. Date	0.66 25/1945	0.84 19/1943	0.94 19/1943	1.13 18-19/1943	1.32 23/1944	1.47 23/1944
May	Amt. Date	1.83 21/1942	3.58 21/1942	4.04 21/1942	4.92 21/1942	5.35 21-22/1942	5.40 21-22/1942
Jun.	Amt. Date	1.49 10/1947	1.82 28/1941	2.62 28/1941	3.68 28/1941	5.21 27-28/1941	5.54 27-28/1941
Jul.	Amt. Date	2.15 12/1946	2.75 12/1946	2.75 12/1946	3.03 1/1942	3.61 1/1942	3.90 1-2/1942
Aug.	Amt. Date	2.02 8/1949	2.72 18/1947	3.19 18/1947	3.47 18/1947	3.59 28/1949	3.75 27-28/1949
Sep.	Amt. Date	1.81 22/1945	1.99 22/1945	2.10 22/1945	2.27 17/1945	3.21 17/1945	5.31 16-17/1945
Oct.	Amt. Date	1.32 20/1944	1.62 19-20/1944	1.93 19-20/1944	2.82 19-20/1944	3.53 19-20/1944	4.10 8/1946
Nov.	Amt. Date	0.97 2/1947	1.92 2/1947	2.28 2/1947	2.47 2/1947	2.62 11/1947	2.82 11/1947
Dec.	Amt. Date	1.33 4/1941	1.76 4/1941	2.16 4/1941	2.87 4/1941	4.26 4/1941	4.40 4/1941
Annual	Amt. Date	2.15 7/12/46	3.58 5/21/42	4.04 5/21/42	4.92 5/21/42	5.35 5/21-22/42	5.54 6/27-28/41

Station: CHARLESTON, SOUTH CAROLINA*

Drainage basin: COASTAL

County: CHARLESTON

Lat. 32° 47' N Long. 79° 56' W

Elev.(ft.) 9

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.96 3/1942	1.23 3/1942	1.50 3/1942	1.77 3/1942	1.89 3/1942	1.89 3/1942
Feb.	Amt. Date	0.65 14/1944	1.09 14/1944	1.60 14/1944	3.06 14/1944	4.70 14/1944	4.77 14/1944
Mar.	Amt. Date	1.40 23/1944	2.05 23/1944	2.58 23/1944	2.93 23/1944	3.63 22-23/1944	3.90 22-23/1944
Apr.	Amt. Date	0.95 1/1948	1.27 1/1948	1.49 1/1948	2.07 1/1948	2.45 1/1948	3.26 1/1948
May	Amt. Date	1.46 30/1949	1.65 30/1949	1.70 30/1949	1.85 30/1949	2.23 30/1949	2.23 30/1949
Jun.	Amt. Date	2.42 20/1947	3.08 20/1947	3.08 20/1947	4.10 24-25/1945	5.68 24-25/1945	6.00 24-25/1945
Jul.	Amt. Date	2.56 8/1950	3.73 8/1950	3.88 8/1950	5.42 8/1950	5.83 8/1950	5.89 8/1950
Aug.	Amt. Date	3.74 17/1945	4.39 17/1945	4.61 17/1945	4.75 17/1945	6.69 11/1940	8.43 11-12/1940
Sep.	Amt. Date	1.63 4/1945	2.52 17/1945	2.88 1/1949	4.20 17/1945	5.58 16-17/1945	6.69 16-17/1945
Oct.	Amt. Date	1.97 19/1944	2.29 19/1944	2.48 19/1944	3.23 19/1944	3.87 19/1944	4.19 19-20/1944
Nov.	Amt. Date	0.97 23/1942	1.19 23-24/1942	1.36 23-24/1942	1.56 2/1946	1.75 4-5/1941	1.76 4-5/1941
Dec.	Amt. Date	1.67 26/1941	2.59 26/1941	2.84 26/1941	3.18 26/1941	3.38 25-26/1941	3.38 25-26/1941
Annual	Amt. Date	3.74 8/17/45	4.39 8/17/45	4.61 8/17/45	5.42 7/8/50	6.69 8/11/40	8.43 8/11-12/40

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

1-, and 2-hr amounts for March, June, July, August, October, and December are true maxima.

24-hr amounts for February, April, June, August and December are true maxima.

Station: CHARLESTON WB CITY, SOUTH CAROLINA

Drainage basin: COASTAL

County: CHARLESTON

Lat. 32° 47' N Long. 79° 56' W

Elev.(ft.) 9

Period of record: 1897-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.18 16/1925	1.54 16/1925	1.91 16/1925	2.59 16/1925	2.63 16/1925	2.63 16/1925
Feb.	Amt. Date	1.77 26/1939	2.35 26/1939	2.38 26/1939	3.06 14/1944	4.70 14/1944	4.77 14/1944
Mar.	Amt. Date	1.40 23/1944	2.05 23/1944	2.58 23/1944	2.93 23/1944	3.63 22-23/1944	4.07 9-10/1936
Apr.	Amt. Date	1.48 14/1914	2.58 18/1920	2.63 18/1920	2.63 18/1920	2.63 ^a 18/1920	3.26 1/1948
May	Amt. Date	1.74 25/1934	1.88 12/1915	3.01 12/1915	4.06 12/1915	4.64 12/1915	5.88 11-12/1915
Jun.	Amt. Date	2.42 20/1947	3.08 20/1947	3.32 27/1916	4.10 24-25/1945	5.68 24-25/1945	6.00 24-25/1945
Jul.	Amt. Date	2.56 8/1950	3.73 8/1950	3.88 8/1950	6.24 14/1921	6.96 14/1921	7.58 13-14/1921
Aug.	Amt. Date	3.74 17/1945	4.39 17/1945	4.61 17/1945	4.75 17/1945	6.69 11/1940	8.43 11-12/1940
Sep.	Amt. Date	4.11 6/1933	6.64 6/1933	7.42 6/1933	8.62 6/1933	9.03 5-6/1933	10.57 5-6/1933
Oct.	Amt. Date	1.97 19/1944	2.29 19/1944	2.48 19/1944	3.33 20/1904	4.20 19/1897	6.30 19/1897
Nov.	Amt. Date	2.05 3/1900	2.23 3/1900	2.84 3/1900	3.49 3/1900	3.84 3/1900	4.04 3/1900
Dec.	Amt. Date	1.67 26/1941	2.59 26/1941	2.84 26/1941	3.18 25-26/1941	3.38 25-26/1941	3.38 25-26/1941
Annual	Amt. Date	4.11 9/6/33	6.64 9/6/33	7.42 9/6/33	8.62 9/6/33	9.03 9/5-6/33	10.57 9/5-6/33

^aAlso recorded on 4-5/1924.

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

Station: CLEMSON, SOUTH CAROLINA

Drainage basin: SAVANNAH

County: OCONNE

Lat. 34° 40'N Long. 82° 50'W

Elev.(ft.) 850

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.66 6/1946	0.88 18/1943	1.07 27/1943	1.56 2-3/1943	2.45 6/1946	3.97 6/1946
Feb.	Amt. Date	0.66 26/1944	1.10 16/1942	1.64 16/1942	2.49 16/1942	3.18 16/1942	3.43 16-17/1942
Mar.	Amt. Date	0.92 26/1945	1.50 16/1948	1.62 16/1948	2.13 19/1944	2.95 19/1944	3.95 19-20/1944
Apr.	Amt. Date	0.88 ^a 17/1945	1.19 16/1946	1.50 16/1946	1.85 16/1946	2.17 18-19/1943	3.12 18-19/1943
May	Amt. Date	1.26 20/1942	1.64 26/1945	1.72 20/1942	1.72 20/1942	3.30 20/1942	3.58 20/1942
Jun.	Amt. Date	1.55 8/1950	2.08 8/1950	2.38 8/1950	2.48 8/1950	2.80 8/1950	3.10 8-9/1950
Jul.	Amt. Date	3.18 17/1940	4.38 17/1940	4.48 17/1940	4.48 17/1940	4.48 17/1940	4.56 17-18/1940
Aug.	Amt. Date	2.16 29/1940	2.74 29/1940	3.16 13/1940	4.34 13/1940	5.42 12-13/1940	7.54 12-13/1940
Sep.	Amt. Date	0.88 6/1948	1.49 29/1944	1.71 29/1944	1.78 29/1944	2.12 6/1949	2.69 17-20/1943
Oct.	Amt. Date	0.76 28/1947	1.24 28/1947	1.53 19-20/1950	2.07 19-20/1950	2.32 19-20/1950	3.32 19-20/1950
Nov.	Amt. Date	1.23 3/1948	1.61 3/1948	1.69 3/1948	2.14 2-3/1948	3.12 28/1948	3.34 28/1948
Dec.	Amt. Date	0.60 7/1950	1.02 7/1950	1.36 7/1950	2.10 7/1950	2.86 6-7/1950	2.98 6-7/1950
Annual	Amt. Date	3.18 7/17/40	4.38 7/17/40	4.48 7/17/40	4.48 7/17/40	5.42 8/12-13/40	7.54 8/12-13/40

^aAlso recorded on 16/1946.

Station: COLUMBIA WB CITY, SOUTH CAROLINA*

Drainage basin: CONGAREE

County: RICHLAND

Lat. 34° 00'N Long. 81° 03'W

Elev.(ft.) 332

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.54 28/1950	1.07 28/1950	1.27 28/1950	1.43 28/1950	1.43 28/1950	1.43 28/1950
Feb.	Amt. Date	0.45 18/1940	0.66 ^a 12/1948	0.87 19/1949	1.09 9/1946	1.36 14/1944	1.78 19/1949
Mar.	Amt. Date	0.88 16/1948	0.94 26/1945	1.03 16/1948	1.66 22-23/1944	1.98 5-6/1943	2.03 5-6/1943
Apr.	Amt. Date	0.78 10/1942	0.99 27/1950	1.21 10/1942	1.52 9-10/1942	2.74 9-10/1942	2.75 9-10/1942
May	Amt. Date	1.00 ^b 26/1943	1.31 25-26/1943	2.01 28/1950	2.53 28/1950	2.55 28/1950	2.55 28/1950
Jun.	Amt. Date	1.38 14/1944	2.16 14/1944	2.25 14/1944	2.28 14/1944	2.52 12/1944	2.52 12/1944
Jul.	Amt. Date	1.88 30/1944	2.09 31/1944	2.37 3/1942	3.39 3/1942	3.41 3/1942	5.00 30-31/1944
Aug.	Amt. Date	2.10 16/1949	2.57 16/1949	2.99 16/1949	4.52 16/1949	6.77 16-17/1949	7.40 16-17/1949
Sep.	Amt. Date	1.01 19/1944	1.42 14/1945	1.87 14/1945	1.90 14/1945	2.68 14/1945	4.33 16-17/1945
Oct.	Amt. Date	0.64 26/1949	0.85 26/1949	1.09 8/1946	1.83 8/1946	2.62 8/1946	3.13 8/1946
Nov.	Amt. Date	0.70 22/1948	0.87 25/1949	0.99 24-25/1949	1.48 22/1948	1.92 23/1942	1.96 23-24/1942
Dec.	Amt. Date	0.51 25/1941	0.78 25/1941	1.03 4/1941	1.30 4/1941	1.97 25-26/1943	2.98 25-26/1943
Annual	Amt. Date	2.10 8/16/49	2.57 8/16/49	2.99 8/16/49	4.52 8/16/49	6.77 8/16-17/49	7.40 8/16-17/49

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

^aAlso recorded on 19/1949.

^bAlso recorded on 28/1950.

Station: COLUMBIA WB CITY, SOUTH CAROLINA

Drainage basin: CONGAREE

County: RICHLAND

Lat. 34° 00'N Long. 81° 03'W

Elev.(ft.) 332

Period of record: 1901-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.05 2/1903	1.11 2/1903	1.27 28/1950	1.71 11/1908	2.30 19/1925	2.82 18-19/1925
Feb.	Amt. Date	1.21 24/1910	1.72 24/1910	2.13 24/1910	2.99 24/1910	3.80 23-24/1910	4.23 23-24/1910
Mar.	Amt. Date	1.19 20/1924	1.60 29/1902	1.82 29/1902	2.25 30-31/1926	2.44 30-31/1926	2.58 30-31/1926
Apr.	Amt. Date	2.06 12/1905	3.01 12/1905	3.47 12/1905	3.54 12/1905	3.70 8/1918	3.96 1-2/1936
May	Amt. Date	2.18 31/1907	2.54 31/1907	2.56 31/1907	2.80 30/1933	3.10 31-1/1907	3.42 31-1/1907
Jun.	Amt. Date	2.28 28/1914	3.25 19/1911	4.08 19-20/1911	4.10 19-20/1911	4.13 19-20/1911	4.13 19-20/1911
Jul.	Amt. Date	2.03 7/1902	2.46 7/1928	2.53 30/1929	3.39 3/1942	3.46 20/1919	5.00 30-31/1944
Aug.	Amt. Date	2.10 16/1949	2.57 16/1949	3.49 7/1932	4.52 16/1949	6.77 16-17/1949	7.40 16-17/1949
Sep.	Amt. Date	1.48 27/1939	2.45 5/1928	3.01 5/1928	3.71 5-6/1928	4.99 26-27/1939	5.50 5-6/1928
Oct.	Amt. Date	1.41 5/1932	1.59 5/1932	1.66 26/1904	2.27 3/1927	3.64 1/1929	4.48 1-2/1929
Nov.	Amt. Date	0.70a 7/1935	1.18 12/1936	1.32 12/1936	1.73 12/1936	2.01 28-29/1934	2.04 28-29/1934
Dec.	Amt. Date	0.76 12/1902	1.13 12/1902	1.33 3/1905	1.94 2-3/1905	2.34 3/1927	3.28 2-3/1927
Annual	Amt. Date	2.28 6/6/14	3.25 6/19/11	4.08 6/19-20/11	4.52 8/16/49	6.77 8/16-17/49	7.40 8/16-17/49

^aAlso recorded on 22/1948.

1-, 2-, and 24-hr amounts for January through March are true maxima.

Station: DUE WEST, SOUTH CAROLINA

Drainage basin: SAVANNAH

County: ABBEVILLE

Lat. 34° 21' N Long. 82° 22' W

Elev.(ft) 711

Period of record: 1921-1932

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.54 6/1932	0.64 16/1924	0.92 16/1924	1.57 16/1924	1.85 16/1924	1.94 23-24/1923
Feb.	Amt. Date	0.93 9/1921	1.24 9/1921	1.45 9/1921	1.52 9/1921	2.74 26-27/1923	2.87 27-28/1929
Mar.	Amt. Date	0.61 30/1928	1.03 4/1929	1.44 4/1929	1.88 4/1929	2.50 4/1929	4.52 4-5/1929
Apr.	Amt. Date	1.26 30/1932	1.75 30-1/1932	1.84 30-1/1932	1.91 30-1/1932	2.55 5-6/1922	2.92 30-1/1929
May	Amt. Date	0.99 1/1929	1.75 30-1/1932	1.84 30-1/1932	1.91 30-1/1932	2.11 1/1929	2.92 30-1/1929
Jun.	Amt. Date	1.91 25/1923	3.64 25/1923	4.53 25/1923	4.76 25/1923	4.76 25/1923	4.76 25/1923
Jul.	Amt. Date	3.46 27/1926	4.66 27/1926	4.82 27/1926	4.95 27/1926	4.95 27/1926	5.31 26-27/1926
Aug.	Amt. Date	1.62 24/1926	1.89 15/1928	2.10 15/1928	3.22 15/1928	4.06 15/1928	5.61 15-16/1928
Sep.	Amt. Date	1.27 26/1929	1.75 26/1929	1.82 26/1929	2.17 25-26/1929	3.82 26/1929	6.53 30-1/1929
Oct.	Amt. Date	0.78 1/1929	1.22 1/1929	1.44 1/1929	2.52 1/1929	4.06 1/1929	6.53 30-1/1929
Nov.	Amt. Date	0.75 17/1929	0.97 15/1926	1.27 15/1926	1.83 15/1926	1.97 17/1929	2.01 16-17/1929
Dec.	Amt. Date	0.74 28/1926	0.99 28/1926	1.21 2/1929	1.59 2/1929	2.62 3-4/1931	2.01 3-4/1931
Annual	Amt. Date	3.46 7/27/26	4.66 7/27/26	4.82 7/27/26	4.95 7/27/26	4.95 7/27/26	6.53 9/30- 10/1/29

1-, 2-hr amounts for July and 24-hr amount for September-October are true maxima.

Station: EHRHARDT, SOUTH CAROLINA

Drainage basin: COAST

County: BAMBERG

Lat. 33° 06'N Long. 81° 01'W

Elev.(ft.) 140 (EST)

Period of record: 1941-1949 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.39 19/1947	0.49 ^a 16/1946	0.54 ^b 19/1947	0.83 16/1946	1.19 16/1946	1.69 14-15/1944
Feb.	Amt. Date	0.53 10/1949	0.80 10/1949	0.94 10/1949	1.19 14/1944	1.94 14/1944	1.99 8-9/1948
Mar.	Amt. Date	1.00 23/1948	1.30 23/1948	1.59 23/1948	1.82 23/1948	2.30 6-7/1944	3.29 31-1/1948
Apr.	Amt. Date	1.55 13/1947	1.86 13/1947	1.96 13/1947	1.96 13/1947	2.40 1/1948	3.29 31-1/1948
May	Amt. Date	0.73 6/1948	1.16 21/1942	1.26 21/1942	1.82 21/1942	1.82 21/1942	1.82 21/1942
Jun.	Amt. Date	1.24 7/1949	1.49 10/1942	1.74 10/1942	2.16 10/1942	2.67 25/1941	4.22 9-10/1942
Jul.	Amt. Date	1.29 21/1948	2.09 21/1948	2.09 21/1948	2.45 14/1946	2.71 22/1942	2.71 22/1942
Aug.	Amt. Date	2.60 24/1946	3.30 24/1946	4.10 20/1941	4.64 20/1941	4.64 20/1941	4.64 20/1941
Sep.	Amt. Date	1.05 30/1948	1.58 17/1945	1.97 17/1945	3.67 17/1945	4.90 17/1945	6.43 16-17/1945
Oct.	Amt. Date	0.60 4/1948	1.09 19/1944	1.48 19/1944	2.68 19/1944	4.20 19/1944	4.93 19-20/1944
Nov.	Amt. Date	0.61 26/1941	0.80 2/1947	1.20 2/1947	2.00 2/1947	2.00 2/1947	2.00 2/1947
Dec.	Amt. Date	0.48 29/1942	0.65 29/1942	0.78 29/1942	1.06 21/1947	1.55 21/1947	1.63 21/1947
Annual	Amt. Date	2.60 8/24/46	3.30 8/24/46	4.10 8/20/41	4.64 8/20/41	4.90 9/17/47	6.43 9/16-17/47

^aAlso recorded on 19/1947.

^bAlso recorded on 16/1946.

Station: GEORGETOWN, SOUTH CAROLINA

Drainage basin: COAST

County: GEORGETOWN

Lat. 33° 23' N Long. 79° 17' W

Elev.(ft.) 14

Period of record: 1941-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.58 19/1943	0.87 3/1944	1.12 3/1944	1.35 3/1944	1.88 16/1946	1.94a 16/1946
Feb.	Amt. Date	1.00 14/1944	1.43 14/1944	1.73 14/1944	2.62 14/1944	3.18 14/1944	3.20 14/1944
Mar.	Amt. Date	1.28 28/1946	1.65 23/1948	1.65 23/1948	1.88 6-7/1944	2.05 6-7/1944	2.41 6-7/1944
Apr.	Amt. Date	0.81 9/1942	1.16 9/1942	1.25 9/1942	1.31 19/1943	1.65 1/1948	2.61 1/1948
May	Amt. Date	1.21 29/1950	1.74 29/1950	1.79 29/1950	1.81 29/1950	1.81 29/1950	1.81 29/1950
Jun.	Amt. Date	1.83 25/1945	3.13 25/1945	4.53 25/1945	7.80 25/1945	10.72 24-25/1945	11.18 24-25/1945
Jul.	Amt. Date	1.83 19/1949	2.13 11/1948	2.42 19/1949	2.83 19/1949	3.13 8/1950	5.27 7-8/1950
Aug.	Amt. Date	1.62 22/1949	2.20 19/1945	2.28 19/1945	3.39 13/1950	3.46 13/1950	4.68 19/1945
Sep.	Amt. Date	1.00 2/1949	1.75 7-8/1950	2.65 7-8/1950	3.92 7-8/1950	4.81 7-8/1950	5.47 7-8/1950
Oct.	Amt. Date	0.82 19/1944	1.47 19/1944	1.76 19/1944	2.55 19/1944	3.90 19/1944	4.27 19-20/1944
Nov.	Amt. Date	0.43 2/1947	0.70 6/1941	0.90 2/1947	1.16 2/1947	1.79 11/1947	2.12 10-11/1947
Dec.	Amt. Date	1.35 23/1941	2.03 23/1943	2.50 23/1941	3.32 23/1941	4.45 23/1941	5.39 23-24/1941
Annual	Amt. Date	1.83b 6/25/45	3.13 6/25/45	4.53 6/25/45	7.80 6/25/45	10.72 6/24-25/45	11.18 6/24-25/45

^aAlso recorded on 30-31/1948.

^bAlso recorded on 7/19/49.

Station: GREENVILLE, WB APT, SOUTH CAROLINA*

Drainage basin: BROAD

County: GREENVILLE

Lat. 34° 51'N Long. 82° 21'W

Elev.(ft.) 1006

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.96 18/1943	1.12 18/1943	1.51 18/1943	2.01 18/1943	2.85 6/1946	3.95 6-7/1946
Feb.	Amt. Date	0.75 4/1943	1.07 16/1942	1.53 16/1942	2.37 16/1942	2.85 16/1942	3.10 16-17/1942
Mar.	Amt. Date	0.89 26/1945	1.00 26/1945	1.32 31/1948	1.83 26/1945	1.86 26/1945	1.86a 28-29/1944
Apr.	Amt. Date	0.95 4/1941	1.15 25/1945	1.26 24-25/1945	1.60 24-25/1945	1.76 24-25/1945	2.27 18-19/1943
May	Amt. Date	1.50 26/1948	2.32 26/1948	3.13 26/1948	3.69 26/1948	3.69 26/1948	3.69 26/1948
Jun.	Amt. Date	1.36 13/1949	1.47 13/1949	1.48 13/1949	1.48 13/1949	1.67 13-14/1947	1.97 13-14/1947
Jul.	Amt. Date	1.56 26/1943	1.72 26/1943	2.24 14/1950	2.85 14/1950	2.85 14/1950	2.85 14/1950
Aug.	Amt. Date	2.13 4/1945	2.30 4/1945	2.30 4/1945	2.51 13/1940	3.32 12-13/1940	4.75 12-13/1940
Sep.	Amt. Date	1.33 13/1945	2.06 13/1945	2.66 13/1945	3.33 13/1945	4.10 13/1945	4.10 13/1945
Oct.	Amt. Date	2.45 6/1949	3.55 6/1949	4.97 6/1949	5.76 6-7/1949	6.18 6-7/1949	6.24 6-7/1949
Nov.	Amt. Date	1.03 3/1948	1.04 28/1948	1.30 28/1948	2.41 28/1948	3.51 28/1948	3.61 28/1948
Dec.	Amt. Date	0.50b 25/1945	0.97 7/1950	1.42 7/1950	2.34 7/1950	3.24 6-7/1950	3.31 6-7/1950
Annual	Amt. Date	2.45 10/6/49	3.55 10/6/49	4.97 10/6/49	5.76 10/6-7/49	6.18 10/6-7/49	6.27 10/6-7/49

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

^aAlso recorded on 26/1945.

^bAlso recorded on 7/1950.

Station: GREENVILLE WB APT, SOUTH CAROLINA

Drainage basin: BROAD

County: GREENVILLE

Lat. 34° 51'N Long. 82° 21'W

Elev.(ft.) 1006

Period of record: 1917-1933
1939-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.96 18/1943	1.12 18/1943	1.51 18/1943	2.01 18/1943	2.85 6/1946	3.95 6-7/1946
Feb.	Amt. Date	0.91 10/1921	1.32 10/1921	1.53 16/1942	2.37 16/1942	2.85 16/1942	3.10 16-17/1942
Mar.	Amt. Date	0.89 26/1945	1.00 26/1945	1.32 31/1948	1.83 26/1945	2.47 6-7/1930	3.02 4-5/1929
Apr.	Amt. Date	1.38 20/1920	1.65 20/1920	1.85 20/1920	1.90a 20/1920	2.03 25/1939	2.56 5-6/1922
May	Amt. Date	1.50 26/1948	2.32 26/1948	3.13 26/1948	3.69 26/1948	3.69 26/1948	3.69 26/1948
Jun.	Amt. Date	1.48 5/1920	1.54 5/1920	1.73 2/1922	2.25 2/1922	2.76 1-2/1922	3.47 4-5/1920
Jul.	Amt. Date	3.31 9/1928	3.52 9-10/1928	3.61 9-10/1928	3.68 9-10/1928	3.95 9-10/1928	3.95 9-10/1928
Aug.	Amt. Date	2.13 4/1945	2.42 29/1923	2.42 29/1923	3.74 15/1928	5.34 15/1928	6.52 14-15/1928
Sep.	Amt. Date	1.33 13/1945	2.06 13/1945	2.66 13/1945	3.33 13/1945	4.10 13/1945	5.85 25-26/1929
Oct.	Amt. Date	2.45 6/1949	3.55 6/1949	4.97 6/1949	5.76 6-7/1949	6.18 6-7/1949	7.32 24-25/1918
Nov.	Amt. Date	1.03b 3/1948	1.04 28/1948	1.54 15/1926	2.72 15/1926	3.51 28/1948	3.61 28/1948
Dec.	Amt. Date	0.82 4/1923	1.03 19/1939	1.42 7/1950	2.34 7/1950	3.24 6-7/1950	4.44 3-4/1931
Annual	Amt. Date	3.31 7/9/28	3.55 10/6/49	4.97 10/6/49	5.76 10/6-7/49	6.18 10/6-7/49	7.32 10/24-25/18

^aAlso recorded on 5-6/1922.

^bAlso recorded on 17/1930.

Station: JOCASSEE (NR), SOUTH CAROLINA

Drainage basin: SAVANNAH

County: OCONEE

Lat. 34° 59' N Long. 83° 04' W

Elev.(ft.) 2300

Period of record: 1941-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.67 5/1946	1.08 5/1946	1.31 2-3/1944	2.10 2-3/1944	2.88 6/1946	4.98 6-7/1946
Feb.	Amt. Date	0.65 16/1942	1.12 16/1942	1.54 16/1942	2.60 16/1942	3.59 16/1942	3.87 16/1942
Mar.	Amt. Date	0.88 18/1945	0.97 18/1945	1.24 14/1946	2.12 14/1946	3.38 14/1946	3.85 13-14/1946
Apr.	Amt. Date	1.65 16/1945	1.72 16/1945	1.78 16/1945	2.38 12/1949	3.70 18-19/1943	5.44 18-19/1943
May	Amt. Date	1.52 3/1946	1.94 3/1946	1.98 3/1946	2.15 15/1942	2.99 15/1942	3.40 14-15/1942
Jun.	Amt. Date	1.60 29/1943	2.33 29/1943	2.37 29/1943	3.19 16/1949	4.79 16/1949	6.79 15-16/1949
Jul.	Amt. Date	1.91 11/1949	2.82 2/1946	3.10 11/1949	4.69 11/1949	7.50 11/1948	11.88 10-11/1948
Aug.	Amt. Date	1.47 16/1949	1.69 12/1943	1.78 15/1950	1.99 4/1945	2.69 20-21/1949	3.73 3-4/1941
Sep.	Amt. Date	1.06 21/1944	1.68 5/1942	1.81 21/1944	2.47 20-21/1944	3.08 20-21/1944	4.06 7-8/1950
Oct.	Amt. Date	1.20 23/1945	1.66 23/1945	2.26 23/1945	3.38 22-23/1945	4.20 22-23/1945	6.46 19-20/1950
Nov.	Amt. Date	0.53 22/1950	0.85 7/1943	1.15 7/1943	1.48 2/1947	2.36 2/1947	2.65 7-8/1943
Dec.	Amt. Date	0.78 4/1941	1.41 4/1941	1.93 4/1941	3.24 4/1941	4.11 3-4/1941	4.45 22-23/1941
Annual	Amt. Date	1.91 6/11/49	2.82 7/2/46	3.10 7/11/49	4.69 7/11/49	7.50 7/11/48	11.88 7/10-11/48

Station: LANCASTER, SOUTH CAROLINA

Drainage basin: CATAWBA

County: LANCASTER

Lat. 34° 43' N Long. 80° 46' W

Elev.(ft.) 540

Period of record: 1940-1950 (BREAKS)

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.45 18/1943	0.73 18/1943	0.95 18/1943	1.30 5/1949	1.81 5/1949	2.05 18-19/1943	
Feb.	0.28 ^a 9/1944	0.48 9/1944	0.68 9/1944	1.15 9/1944	1.84 12/1948	1.98 12-13/1948	
Mar.	0.59 16/1946	0.82 25/1949	0.90 23/1944	1.20 6-7/1948	1.62 6-7/1948	2.15 3/1942	
Apr.	1.13 23/1944	1.38 23/1944	1.53 23/1944	1.60 23/1944	1.92 9-10/1942	2.25 23-24/1944	
May	1.18 30/1945	1.64 3/1946	2.01 3/1946	2.31 3/1946	2.51 3/1946	2.51 3/1946	
Jun.	1.38 15/1948	2.07 15/1948	2.45 9/1940	2.50 9/1940	2.50 9/1940	2.50 9/1940	
Jul.	1.50 24/1941	2.50 24/1941	2.90 24/1941	2.90 24/1941	3.07 14/1945	3.09 14-15/1945	
Aug.	1.30 11/1942	1.83 11/1942	1.85 11/1942	2.46 21/1949	3.19 21/1949	3.69 21/1949	
Sep.	1.12 5/1942	1.13 5/1942	1.30 14-15/1945	1.89 24/1947	2.93 17/1945	4.41 16-17/1945	
Oct.	1.53 20/1944	1.85 20/1944	2.13 20/1944	2.69 20/1944	3.33 19-20/1944	3.63 19-20/1944	
Nov.	0.80 6/1948	0.92 6/1948	1.22 28/1948	1.88 28/1948	2.68 28/1948	2.79 28/1948	
Dec.	1.05 2/1942	1.05 2/1942	1.09 25/1945	1.50 4/1941	1.75 4/1941	1.98 24/1941	
Annual	1.53 10/20/44	2.50 7/24/41	2.90 7/24/41	2.90 7/24/41	3.33 10/19-20/44	4.41 9/16-17/45	

^aAlso recorded on 23/1950

Station: LANE APT, SOUTH CAROLINA

Drainage basin: SANTEE

County: WILLIAMSBURG

Lat. 33° 29'N Long. 79° 53'W

Elev.(ft.) 70 (EST)

Period of record: 1941-1947

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.48 3/1944	0.69 5/1947	0.77 5/1947	1.18 3/1944	1.39 3/1944	1.51 2-3/1944
Feb.	Amt. Date	0.53 5/1943	0.84 14/1944	1.01 14/1944	1.53 14/1944	2.36 14/1944	2.41 14/1944
Mar.	Amt. Date	0.95 7/1944	1.17 7/1941	1.55 18/1943	1.96 7/1941	2.26 6-7/1944	2.75 7/1941
Apr.	Amt. Date	0.75 14/1947	1.40 14/1947	1.45 14/1947	1.49 14/1947	1.67 9-10/1943	1.96 14/1947
May	Amt. Date	0.67 12/1945	0.93 12/1945	1.18 12/1945	1.41 12/1945	1.41 12/1945	1.41 12/1945
Jun.	Amt. Date	1.54 11/1941	1.88 11/1941	2.11 11/1941	2.36 11/1941	2.38 11/1941	3.31 10-11/1941
Jul.	Amt. Date	1.42 11/1941	2.32 11/1941	2.44 11/1941	2.72 11/1941	2.77 11-12/1941	2.77 11-12/1941
Aug.	Amt. Date	3.00 1/1947	3.24 1/1947	3.42 1/1947	3.43 1/1947	3.43 1/1947	3.81 1/1947
Sep.	Amt. Date	1.08 4/1941	1.26 15/1945	1.30 14/1945	1.98 15/1945	3.26 16-17/1945	5.60 16-17/1945
Oct.	Amt. Date	0.60 23/1945	0.92 19/1944	1.29 19/1944	1.87 19/1944	3.01 19/1944	3.46 19-20/1944
Nov.	Amt. Date	0.84 8/1943	0.93 8/1943	0.93 8/1943	0.93 8/1943	1.41 8/1943	1.71 8/1943
Dec.	Amt. Date	0.80 23/1941	1.39 23/1941	1.89 23/1941	3.25 23/1941	5.51 23/1941	6.56 23-24/1941
Annual	Amt. Date	3.00 8/1/47	3.24 8/1/47	3.42 8/1/47	3.43 8/1/47	5.51 12/23/41	6.56 12/23-24/41

Station: LAURENS, SOUTH CAROLINA

Drainage basin: SALUDA

County: LAURENS

Lat. 34° 30'N Long. 82° 02'W

Elev.(ft.) 589

Period of record: 1941-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.57 5/1949	0.77 ^a 19/1945	0.89 5/1949	1.73 5/1949	2.23 5/1949	2.36 4-5/1949
Feb.	Amt. Date	0.42 16/1942	0.70 12/1945	0.87 12-13/1945	1.21 12/1945	1.55 12-13/1945	2.17 12-13/1945
Mar.	Amt. Date	1.80 15/1942	1.89 15/1942	2.09 15/1942	2.52 15/1942	2.92 15/1942	4.29 19-20/1944
Apr.	Amt. Date	1.02 25/1945	1.70 25/1945	1.87 24-25/1945	2.34 25/1945	2.70 24-25/1945	2.70 24-25/1945
May	Amt. Date	1.65 2/1946	3.16 2/1946	4.63 2/1946	4.77 2-3/1946	4.81 2-3/1946	4.91 2-3/1946
Jun.	Amt. Date	1.65 16/1949	1.95 16/1949	2.25 10/1942	2.32 10/1942	2.32 10/1942	2.84 10/1942
Jul.	Amt. Date	1.04 13/1943	1.62 30/1944	1.77 9/1943	1.97 9/1943	2.17 15-16/1950	2.17 15-16/1950
Aug.	Amt. Date	1.15 5/1943	1.88 1/1944	2.16 1/1944	2.48 1/1944	2.50 1/1944	2.60 31-1/1944
Sep.	Amt. Date	1.44 15/1947	1.54 15/1947	1.62 15/1947	1.94 22-23/1948	1.95 ^b 22-23/1948	2.55 16-17/1945
Oct.	Amt. Date	0.82 19/1950	0.95 19/1950	1.00 26/1942	1.50 8/1946	2.65 8/1946	3.45 8/1946
Nov.	Amt. Date	0.71 7/1943	1.07 28/1948	1.41 28/1948	2.27 28/1948	3.58 28/1948	3.79 28/1948
Dec.	Amt. Date	0.60 23/1941	0.84 ^c 25/1943	1.16 25/1943	1.97 7/1950	2.54 25-26/1943	3.19 25-26/1943
Annual	Amt. Date	1.80 3/15/42	3.16 5/2/46	4.63 5/2/46	4.77 5/2-3/46	4.81 5/2-3/46	4.91 5/2-3/46

^aAlso recorded on 13/1948.

^bAlso recorded on 17/1945.

^cAlso recorded on 7/1950.

Station: LOCKHART, SOUTH CAROLINA

Drainage basin: BROAD

County: UNION

Lat. 34° 47' N Long. 81° 28' W

Elev.(ft.) 400

Period of record: 1945-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.30 16/1947	1.46 16/1947	1.50 16/1947	1.52 16/1947	1.69 13/1948	1.71 13/1948
Feb.	Amt. Date	0.34 12/1948	0.50 12/1948	0.70 12/1948	1.00 12/1948	1.15 20/1947	1.33 19-20/1947
Mar.	Amt. Date	0.44 31/1948	0.53 ^a 16/1946	0.65 7/1950	1.08 7-8/1947	1.59 7-8/1947	1.94 31-1/1948
Apr.	Amt. Date	0.53 12/1949	0.78 14/1947	0.97 14/1947	1.30 28/1949	1.54 28/1949	1.94 31-1/1948
May	Amt. Date	0.88 14/1950	1.06 14/1950	1.10 14/1950	1.26 14/1950	1.36 14/1950	1.43 ^b 12-13/1948
Jun.	Amt. Date	0.86 30/1950	1.08 ^c 16/1949	1.22 30-1/1950	1.27 30-1/1950	1.27 30-1/1950	1.27 30-1/1950
Jul.	Amt. Date	2.14 19/1947	2.42 19/1947	2.42 19/1947	2.42 19/1947	2.42 19/1947	3.19 28-29/1948
Aug.	Amt. Date	1.44 22/1946	1.84 22/1946	2.08 22/1946	2.15 22/1946	2.15 22/1946	2.18 3-4/1948
Sep.	Amt. Date	1.44 14/1945	2.18 14/1945	2.25 14/1945	2.30 14/1945	2.39 14/1945	3.62 16-17/1945
Oct.	Amt. Date	1.14 8/1947	1.68 8/1947	2.17 8/1947	2.87 8/1947	3.39 8/1947	3.44 8/1947
Nov.	Amt. Date	0.70 ^d 2/1947	1.26 2/1947	1.31 2/1947	1.85 2/1947	1.95 2/1947	2.29 2-3/1947
Dec.	Amt. Date	0.72 25/1945	1.21 25/1945	1.32 25/1945	1.55 25/1945	2.21 25/1945	2.55 25/1945
Annual	Amt. Date	2.14 7/19/47	2.42 7/19/47	2.42 7/19/47	2.87 10/8/47	3.39 10/8/47	3.62 9/16-17/47

^aAlso recorded on 31/1948.

^cAlso recorded on 30/1950.

^bAlso recorded on 14/1950.

^dAlso recorded on 23/1948.

Station: LORIS, SOUTH CAROLINA

Drainage basin: LITTLE PEE DEE

County: Horry

Lat. 34° 03'N Long. 78° 53'W

Elev.(ft.) 96

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.74 19/1943	1.29 19/1943	1.42 19/1943	1.62 19/1943	1.63 19/1943	1.63 19/1943
Feb.	Amt. Date	0.56 4/1945	0.78 19/1949	1.20 19/1949	1.25 19/1949	1.74 19/1949	2.38 19-20/1949
Mar.	Amt. Date	1.05 14/1942	1.35 ^a 7/1941	2.22 7/1941	2.56 6-7/1944	3.39 7/1941	4.33 7/1941
Apr.	Amt. Date	1.04 12/1947	1.60 12/1947	1.94 11-12/1947	2.40 19/1943	2.59 18-19/1943	2.77 18-19/1943
May	Amt. Date	0.90 26/1948	1.13 6/1944	1.52 25/1943	1.61 25/1943	1.82 6/1944	1.82 6/1944
Jun.	Amt. Date	1.21 29/1949	1.73 25/1945	2.26 25/1945	3.16 25/1945	4.48 25/1945	5.08 24-25/1945
Jul.	Amt. Date	2.63 19/1948	3.24 19/1948	3.33 19-20/1948	3.40 19-20/1948	3.49 19-20/1948	3.57 19-20/1948
Aug.	Amt. Date	2.27 12/1943	2.79 12/1943	3.08 12/1943	3.12 12/1943	4.22 11-12/1943	4.76 11-12/1943
Sep.	Amt. Date	1.90 29/1948	3.25 29/1948	3.25 29/1948	3.39 20-21/1943	4.23 20-21/1943	5.95 20-21/1943
Oct.	Amt. Date	0.68 19/1950	0.93 19/1950	0.98 19/1950	1.50 7/1949	1.92 7/1949	1.98 7/1949
Nov.	Amt. Date	1.34 19/1948	1.53 23/1948	1.97 23/1948	3.16 23/1948	4.47 23/1948	4.47 23/1948
Dec.	Amt. Date	0.89 23/1941	1.30 23/1941	1.56 23/1941	2.84 23/1941	4.01 23/1941	4.96 23-24/1941
Annual	Amt. Date	2.63 7/19/48	3.25 9/29/48	3.33 7/19-20/48	3.40 7/19-20/48	4.48 6/25/45	5.95 9/20-21/43

^aAlso recorded on 14/1942.

Station: MANNING, 4 WNW, SOUTH CAROLINA

Drainage basin: BLACK

County: CLARENDON

Lat. 33° 43'N Long. 80° 16'W

Elev.(ft.) 95

Period of record: 1947-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.37 27/1950	0.39 27/1950	0.58 27/1950	0.76 30/1948	1.15 30-31/1948	1.18 30-31/1948
Feb.	Amt. Date	0.65 9/1949	1.12 9/1949	1.26 9/1949	1.52 9/1949	1.71 8-9/1949	2.04 8-9/1949
Mar.	Amt. Date	0.39 2/1948	0.45 2/1948	0.53 7/1948	0.79 6-7/1948	1.07 6-7/1948	1.36 6-7/1948
Apr.	Amt. Date	1.07 27/1950	1.33 1/1948	1.43 1/1948	1.73 1/1948	1.78 1/1948	2.24 1/1948
May	Amt. Date	0.84 13/1948	0.97 13/1948	0.99 13/1948	1.25 12/1948	1.53 11-12/1948	1.53 11-12/1948
Jun.	Amt. Date	1.15 17/1948	1.15 7/1948	1.29 16/1949	1.45 16/1949	1.45 16/1949	1.45 16/1949
Jul.	Amt. Date	2.25 31/1949	2.44 31/1949	2.58 31/1949	2.62 31/1949	2.62 31/1949	2.75 30-31/1949
Aug.	Amt. Date	1.52 28/1949	2.10 28/1949	3.43 28/1949	4.48 28/1949	5.19 28/1949	5.19 28/1949
Sep.	Amt. Date	0.71 7/1950	1.11 7/1950	1.71 7/1950	2.56 7/1950	3.45 7/1950	4.06 7-8/1950
Oct.	Amt. Date	0.51 31/1949	0.77 31/1949	0.80 31/1949	0.88 31/1949	1.15 31-1/1949	1.47 31-1/1949
Nov.	Amt. Date	0.17 1/1949	0.22 1/1949	0.23 1/1949	0.41E 25/1949	0.55 25/1949	0.55 25/1949
Dec.	Amt. Date	0.31 3/1950	0.48 3/1950	0.62 3/1950	1.04 21/1947	1.49 21/1947	1.90 21/1947
Annual	Amt. Date	2.25 7/31/49	2.44 7/31/49	3.43 8/28/49	4.48 8/28/49	5.19 8/28/49	5.19 8/28/49

Station: MARION 3 W, SOUTH CAROLINA

Drainage basin: PEE DEE

County: MARION

Lat. 34° 10'N Long. 79° 26'W

Elev.(ft.) 65

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.47 19/1943	0.74 10-11/1947	0.79 10-11/1947	0.91 ^a 19/1943	1.14 18-19/1943	1.44 2-3/1944
Feb.	Amt. Date	0.45 9/1949	0.57 9/1949	0.71 19/1949	0.84 19/1949	0.96 8-9/1949	1.73 8-9/1949
Mar.	Amt. Date	0.73 16/1948	1.03 2/1943	1.15 2/1943	1.40 23/1944	1.50 23/1944	1.58 7-8/1947
Apr.	Amt. Date	1.88 29/1949	2.53 26-27/1950	2.78 26-27/1950	2.78 26-27/1950	2.80 26-27/1950	4.10 26-27/1950
May	Amt. Date	1.37 25/1944	2.40 25/1944	2.40 25/1944	2.40 25/1944	2.40 25/1944	2.40 25/1944
Jun.	Amt. Date	1.38 14/1944	1.78 11/1944	2.03 14/1944	2.40 25/1945	3.71 25/1945	4.08 24-25/1945
Jul.	Amt. Date	2.25 9/1946	3.40 8/1944	3.56 8/1944	3.65 8/1944	3.65 8/1944	4.11 7-8/1947
Aug.	Amt. Date	1.81 6/1949	2.29 6/1949	2.64 5-6/1949	2.65 5-6/1949	2.65 5-6/1949	2.79 5-6/1949
Sep.	Amt. Date	1.28 7/1949	1.80 7/1949	2.23 7/1949	2.23 7/1949	3.12 17/1945	6.20 16-17/1945
Oct.	Amt. Date	1.58 23/1945	1.65 23/1945	1.67 23/1945	2.18 7/1949	2.59 7/1949	2.71 7/1949
Nov.	Amt. Date	0.84 2/1947	0.96 2/1947	0.99 2/1947	1.41 7-8/1946	1.86 11/1947	2.21 10-11/1947
Dec.	Amt. Date	0.85 25/1945	1.00 25/1945	1.11 26/1943	1.80 26/1943	2.42 25-26/1943	2.94 25-26/1943
Annual	Amt. Date	2.25 7/9/46	3.40 7/8/44	3.56 7/8/46	3.65 7/8/44	3.71 6/25/45	6.20 9/16-17/45

^aAlso recorded on 3/1944

Station: MONCKS CORNER 3 N, SOUTH CAROLINA

Drainage basin: COAST

County: BERKELEY

Lat. 33° 14' N Long. 79° 59' W

Elev.(ft.) 49

Period of record: 1946-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.55 5/1947	0.85 5/1947	1.10 5/1947	1.14 5/1947	1.49 30-31/1948	1.60 30-31/1948
Feb.	Amt. Date	0.87 9/1949	1.44 9/1949	1.51 9/1949	1.67 9/1949	1.70 9/1949	2.57 9-10/1949
Mar.	Amt. Date	0.70 23/1948	1.40 23/1948	1.57 23/1948	1.97 23/1948	2.34 23/1948	2.44 23/1948
Apr.	Amt. Date	1.15 27/1950	1.33 27/1950	1.50 27/1950	1.54 27/1950	1.59 27/1950	1.76 1/1948
May	Amt. Date	0.92 27/1947	1.44 27/1947	1.47 27/1947	1.50 27/1946	1.61 31/1949	1.73 30-31/1949
Jun.	Amt. Date	1.54 3/1947	1.73 31/1948	1.80 31/1948	1.80 31/1948	1.80 31/1948	1.80 31/1948
Jul.	Amt. Date	1.08 17/1950	1.29 28/1947	1.45 28-29/1947	2.15 28-29/1947	2.39 28-29/1947	2.39 28-29/1947
Aug.	Amt. Date	1.28 15/1948	2.06 15/1948	2.21 15/1948	2.81 22/1949	3.05 28/1949	3.60 27-28/1949
Sep.	Amt. Date	1.85 28/1948	1.92 28/1948	1.93 28/1948	2.37 24/1947	3.92 23-24/1947	4.43 23-24/1947
Oct.	Amt. Date	1.15 8/1946	1.34 8/1946	1.54 8/1946	1.91 8/1946	2.24 7-8/1946	2.36 7-8/1946
Nov.	Amt. Date	1.00 28/1948	1.35 28/1948	1.65 28/1948	2.52 27-28/1948	2.75 27-28/1948	3.07 27-28/1948
Dec.	Amt. Date	0.46 31/1946	0.71 31/1946	0.81 31/1946	1.23 21/1947	1.74 21/1947	2.50 29-30/1950
Annual	Amt. Date	1.85 9/28/48	2.06 8/15/48	2.21 8/15/48	2.81 8/22/49	3.92 9/23-24/42	4.43 9/23-24/42

Station: NEWBERRY, SOUTH CAROLINA

Drainage basin: BROAD

County: NEWBERRY

Lat. 34° 17'N Long. 81° 37'W

Elev.(ft.) 476

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.12 17/1943	1.25 17/1943	1.26 17/1943	1.53 18/1943	1.96 18/1943	3.34 18-19/1943
Feb.	Amt. Date	0.59 5/1943	0.88 6/1942	0.99 6/1942	1.28 14/1944	1.60 14/1944	1.63 14/1944
Mar.	Amt. Date	1.17 20/1944	1.89 19-20/1944	2.22 19-20/1944	2.58 19-20/1944	3.85 19-20/1944	5.61 19-20/1944
Apr.	Amt. Date	1.08 1/1948	1.30 12/1943	1.45 12/1943	1.53 12/1943	1.76 18-19/1943	2.17 18-19/1943
May	Amt. Date	1.33 29/1948	1.70 29/1948	2.20 28/1950	3.48 28/1950	3.59 28/1950	3.59 28/1950
Jun.	Amt. Date	1.70 10/1943	2.44 10/1943	2.47 10/1943	2.47 10/1943	3.93 30-1/1943	4.06 30-1/1943
Jul.	Amt. Date	1.60 6/1941	2.15 6-7/1950	2.80 6-7/1950	3.64 1/1943	3.93 30-1/1943	4.23 1-2/1943
Aug.	Amt. Date	1.68 3/1941	1.69 3/1941	1.70 3/1941	2.17 16/1945	3.06 28/1949	3.80 27-28/1949
Sep.	Amt. Date	1.02 6/1948	1.65 6/1948	2.40 6/1948	4.21 6/1948	4.40 6/1948	4.40 6/1948
Oct.	Amt. Date	0.83 ^a 19/1950	1.15 26/1942	1.38 8/1946	2.01 21/1942	3.16 8/1946	3.83 8-9/1946
Nov.	Amt. Date	0.66 28/1948	0.93 28/1948	1.35 28/1948	2.01 28/1948	2.85 28/1948	2.91 28/1948
Dec.	Amt. Date	0.53 7/1950	0.82 23/1941	1.10 23/1941	1.93 23/1941	2.61 23/1941	2.85 23/1941
Annual	Amt. Date	1.70 6/10/43	2.44 6/10/43	2.80 7/6-7/50	4.21 9/6/48	4.40 9/6/48	5.61 3/19-20/44

^aAlso recorded on 26/1942

Station: NINE TIMES (NR), SOUTH CAROLINA

Drainage basin: SAVANNAH

County: PICKENS

Lat. 34° 55'N Long. 82° 47'W

Elev.(ft.) 875 (EST)

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 3/1944	0.52 3/1944	0.71 3/1944	1.33 3/1944	1.95 2-3/1944	2.01 2-3/1944
Feb.	Amt. Date	0.85 16/1942	1.60 16/1942	2.11 16/1942	3.02 16/1942	3.90 16/1942	4.17 16-17/1942
Mar.	Amt. Date	0.58 8/1942	0.89 8/1942	1.05 8/1942	1.54 ^a 8/1942	2.80 19/1944	4.01 19-20/1944
Apr.	Amt. Date	0.48 27/1944	0.69 11/1944	0.70 11/1944	1.14 18-19/1943	2.25 18-19/1943	3.29 18-19/1943
May	Amt. Date	0.48 11/1943	0.70 11/1943	0.96 11/1943	1.26 20/1942	1.62 11/1943	2.32 10-11/1943
Jun.	Amt. Date	0.86 10/1941	1.08 30/1943	1.46 30/1943	1.84 30/1943	1.85 30/1943	3.34 30-1/1943
Jul.	Amt. Date	0.78 5/1941	1.07 10/1943	1.48 20/1943	1.48 20/1943	2.15 30-1/1943	3.34 30-1/1943
Aug.	Amt. Date	0.60 14/1943	0.85 5/1944	1.11 5/1944	1.65 5/1944	1.66 5/1944	1.70 5-6/1944
Sep.	Amt. Date	0.52 21/1944	0.86 21/1944	0.94 21/1944	1.25 29/1944	1.76 29-30/1944	2.98 19-20/1943
Oct.	Amt. Date	0.90 31/1941	1.04 31/1941	1.15 31-1/1941	1.24 31-1/1941	1.68 31-1/1941	1.70 31-1/1941
Nov.	Amt. Date	0.53 1/1940	1.01 31-1/1941	1.15 31-1/1941	1.24 31-1/1941	1.68 31-1/1941	1.70 31-1/1941
Dec.	Amt. Date	0.64 4/1941	1.11 4/1941	1.43 4/1941	2.29 4/1941	2.74 4/1941	2.96 3-4/1941
Annual	Amt. Date	0.90 10/31/41	1.60 2/16/42	2.11 2/16/42	3.02 2/16/42	3.90 2/16/42	4.17 2/16-17/42

^aAlso recorded on 19/1944

Station: PARRIS ISLAND, SOUTH CAROLINA

Drainage basin: COAST

County: BEAUFORT

Lat. 32° 19'W Long. 80° 41'W

Elev.(ft.) 10 (EST)

Period of record: 1941-1947

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.97 3/1942	1.30 3/1942	1.47 3/1942	1.91 3/1942	2.18 3/1942	2.26 3-4/1942
Feb.	Amt. Date	0.83 14/1944	1.59 14/1944	1.75 14/1944	1.87 14/1944	3.31 14/1944	3.37 14/1944
Mar.	Amt. Date	0.66 21/1945	0.95 30/1947	1.21 30/1947	1.63 6-7/1944	2.26 6-7/1944	2.32 6-7/1944
Apr.	Amt. Date	0.87 15/1944	1.64 15/1944	1.89 15/1944	2.00 15/1944	2.00 15/1944	2.00 15/1944
May	Amt. Date	0.38 25/1943	0.55 21/1942	0.80 21/1942	0.81 21/1942	0.81 ^a 21/1942	0.91 13-14/1945
Jun.	Amt. Date	1.82 28/1942	2.35 18/1943	2.36 18/1943	2.40 28/1942	2.43 24-25/1945	3.35 24-25/1945
Jul.	Amt. Date	1.60 27/1947	1.82 6/1945	1.87 6/1945	1.89 6/1945	1.93 6-7/1945	1.93 6-7/1945
Aug.	Amt. Date	1.70 13/1943	1.98 13/1943	2.09 24/1941	2.22 24/1941	2.22 24/1941	2.22 24/1941
Sep.	Amt. Date	2.61 17/1945	3.41 17/1945	3.98 17/1945	5.39 16-17/1945	7.32 16-17/1945	8.60 16-17/1945
Oct.	Amt. Date	2.60 19/1944	5.04 19/1944	6.13 19/1944	8.38 19/1944	9.52 19/1944	10.05 18-19/1944
Nov.	Amt. Date	0.45 2/1946	0.90 2/1946	1.20 2/1946	1.97 2/1946	2.54 2/1946	2.73 2/1946
Dec.	Amt. Date	0.74 4/1941	1.18 4/1941	1.34 4/1941	1.54 14-15/1943	1.84 14-15/1943	2.51 14-15/1943
Annual	Amt. Date	2.61 9/17/45	5.04 10/19/44	6.13 10/19/44	8.38 10/19/44	9.52 10/19/44	10.05 10/18-19/44

^aAlso recorded on 14/1945.

Station: PICKENS, SOUTH CAROLINA

Drainage basin: SAVANNAH

County: PICKENS

Lat. 34° 53'N Long. 82° 42'W

Elev.(ft.) 1162

Period of record: 1945-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 6/1946	1.04 6/1946	1.15 6/1946	2.10 6-7/1946	2.81 6-7/1946	4.25 6-7/1946
Feb.	Amt. Date	0.48 10/1946	0.84 10/1946	1.10 10/1946	1.58 10/1946	2.34 9-10/1946	2.48 9-10/1946
Mar.	Amt. Date	0.52 16/1946	0.98 22/1949	1.32 22/1949	1.88 22/1949	2.46 22/1946	2.94 22-23/1946
Apr.	Amt. Date	0.75 4/1950	0.96 4/1950	1.32 4/1950	1.41 4/1950	1.66 4/1950	2.03 4/1950
May	Amt. Date	0.47 2/1946	0.69 28/1950	0.82 28/1950	0.87 28/1950	1.10 30-31/1950	1.27 30-31/1950
Jun.	Amt. Date	0.68 21/1947	0.80 8/1950	0.96 8/1950	1.28 16/1949	2.36E 14/1947	3.94E 13-14/1947
Jul.	Amt. Date	0.97 15/1945	1.27 15/1945	1.67 15/1945	2.11 15/1945	2.11 15/1945	3.08 14-15/1945
Aug.	Amt. Date	0.98 26/1950	1.13 26/1950	1.32 4/1948	2.03 4/1948	2.59 3-4/1948	2.96 27-28/1949
Sep.	Amt. Date	1.20 16/1945	1.90 16/1945	2.16 16/1945	2.77 6/1949	3.06 6/1949	3.32 5-6/1949
Oct.	Amt. Date	2.40 6/1949	3.57 6/1949	4.46 6-7/1949	5.85 6-7/1949	6.35 6-7/1949	6.53 6-7/1949
Nov.	Amt. Date	0.68 28/1948	1.28 28/1948	1.78 28/1948	2.76 28/1948	3.26 28/1948	3.30 28/1948
Dec.	Amt. Date	0.36 25/1945	0.66 25/1945	0.92 25/1945	1.58 25/1945	2.20 25/1945	2.75 6-7/1950
Annual	Amt. Date	2.40 10/6/49	3.57 10/6/49	4.46 10/6-7/49	5.85 10/6-7/49	6.35 10/6-7/49	6.55 10/6-7/49

Station: ROCK HILL (6 MI SE), SOUTH CAROLINA

Drainage basin: WATEREE

County: YORK

Lat. 34° 50'W Long. 81° 00'W

Elev.(ft.) 570

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.76 19/1945	0.87 14/1947	0.90 14-15/1947	1.36 3/1944	1.60 5-6/1949	1.65 5-6/1949
Feb.	Amt. Date	0.48 13/1945	0.63 13/1945	0.94 10/1946	1.05 10/1946	1.51 13/1945	1.91 12-13/1945
Mar.	Amt. Date	0.43 21/1945	0.65 19/1944	0.93 19/1944	1.30 19/1944	2.15 19-20/1944	3.48 19-20/1944
Apr.	Amt. Date	0.70 25/1945	1.04 25/1945	1.08 25/1945	1.42 28/1949	1.77 28/1949	1.83 27-28/1949
May	Amt. Date	0.92 2/1949	1.26 2/1949	1.33 2/1949	1.40 2/1949	1.40 2/1949	1.42 2/1949
Jun.	Amt. Date	1.53 16/1949	1.58 30/1945	1.58 30/1945	1.59 30/1945	1.70 16/1949	1.80 16-17/1949
Jul.	Amt. Date	1.43 19/1949	1.43 19/1949	1.44 29/1948	2.17 31/1946	2.65 31/1946	2.68 31/1946
Aug.	Amt. Date	2.33 3/1946	3.13 3/1946	3.13 3/1946	3.13 3/1946	3.13 3/1946	3.51 27-28/1949
Sep.	Amt. Date	1.30 16/1945	1.52 16/1945	1.59 16/1945	2.16 7/1949	3.12 6-7/1949	3.12 6-7/1949
Oct.	Amt. Date	0.76 20/1950	1.25 20/1950	1.67 20/1950	2.05 20/1950	2.20 19-20/1950	3.20 8/1946
Nov.	Amt. Date	0.53 19/1948	0.68 3/1948	0.84 28/1948	1.46 28/1948	2.28 28/1948	2.38 28/1948
Dec.	Amt. Date	0.61 7/1950	0.84 7/1950	1.00 7/1950	1.04 7/1950	1.41E 25/1943	2.15 25-26/1943
Annual	Amt. Date	2.33 8/3/46	3.13 8/3/46	3.13 8/3/46	3.13 8/3/46	3.13 8/3/46	3.51 8/27-28/49

Station: SAINT GEORGE, SOUTH CAROLINA

Drainage basin: EDISTO

County: DORCHESTER

Lat. 33° 11'N Long. 80° 34'W

Elev.(ft.) 109

Period of record: 1946-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.48 5/1947	0.78 5/1947	0.93 5/1947	1.16 5/1947	1.16a 5/1947	1.24 30-31/1948
Feb.	Amt. Date	0.68 9/1949	0.79 9/1949	0.80 9/1949	1.04 9/1948	1.56 9/1948	2.23 9/1948
Mar.	Amt. Date	0.46 7/1947	0.88 7/1947	1.19 7/1947	1.90 7/1947	2.09 7/1947	2.40 7-8/1947
Apr.	Amt. Date	1.26 22/1949	1.26 22/1949	1.26 22/1949	1.36 1/1948	1.64 1/1948	2.45 1/1948
May	Amt. Date	1.10 10/1949	1.11 10/1949	1.11 10/1949	1.11 10/1949	1.11 10/1949	1.29 9-10/1949
Jun.	Amt. Date	1.26 21/1946	1.48 7/1949	1.75 14/1947	1.78 14/1947	1.80 14/1947	1.94 14/1947
Jul.	Amt. Date	1.85 28/1947	2.39 28-29/1947	2.52 28-29/1947	2.68 28-29/1947	2.68 28-29/1947	2.73 28-29/1947
Aug.	Amt. Date	1.98 20/1946	2.78 20/1946	3.23 20/1946	3.58 28/1949	4.65 28/1949	5.77 27-28/1949
Sep.	Amt. Date	1.00 7/1950	1.77 7/1950	2.49 7/1950	3.52 7/1950	4.48 7/1950	4.85 6-7/1950
Oct.	Amt. Date	0.94 24/1947	1.04 24/1947	1.06 4/1948	1.48 7-8/1946	1.78 7-8/1946	2.10 7-8/1946
Nov.	Amt. Date	1.44 2/1947	1.52 2/1947	1.53 2/1947	1.80 2/1947	1.81 2/1947	2.08 1-2/1947
Dec.	Amt. Date	0.42 21/1947	0.81 21/1947	0.96 21/1947	1.71 21/1947	2.23 21/1947	2.33 21/1947
Annual	Amt. Date	1.98 8/20/46	2.78 8/20/46	3.23 8/20/46	3.58 8/28/49	4.65 8/28/49	5.77 8/27-28/49

^aAlso recorded on 30-31/1948

Station: ST. MATTHEWS 2 ESE, SOUTH CAROLINA

Drainage basin: SANTEE

County: CALHOUN

Lat. 33° 40'N Long. 80° 44'W

Elev.(ft.) 269

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.60 19/1943	1.60 19/1943	1.60 19/1943	1.60 19/1943	1.60 19/1943	1.60 19/1943
Feb.	Amt. Date	0.99 9/1949	1.38 9/1949	1.59 9/1949	1.78 9/1949	1.98 8-9/1949	2.30 8-9/1949
Mar.	Amt. Date	1.65 6/1943	1.65 6/1943	1.65 6/1943	2.11 22-23/1944	2.61 22-23/1944	2.61 22-23/1944
Apr.	Amt. Date	1.00 24/1943	1.00 24/1943	1.00 24/1943	1.30 12/1943	1.65 16-17/1946	1.70a 12/1943
May	Amt. Date	1.68 29/1950	2.02 16/1944	2.05 16/1944	2.05 16/1944	2.05 16/1944	2.05 16/1944
Jun.	Amt. Date	1.70 22/1941	2.70 22/1941	2.80 22/1941	2.88 9-10/1942	4.23 9-10/1942	4.88 9-10/1942
Jul.	Amt. Date	1.50 14/1941	1.68 28/1947	1.84 28/1947	1.84 28/1947	1.92 28-29/1947	2.36 30-31/1944
Aug.	Amt. Date	1.69 18/1942	2.42 12/1945	2.49 12/1945	2.80 12/1947	3.31 27-28/1949	4.32 27-28/1949
Sep.	Amt. Date	1.87 17/1945	2.27 17/1945	2.56 17/1945	3.47 17/1945	4.72 17/1945	7.20 16-17/1945
Oct.	Amt. Date	0.78 19/1944	1.48 19/1944	1.90 19/1944	3.00 19/1944	4.38 19-20/1944	4.85 19-20/1944
Nov.	Amt. Date	1.20 2/1947	1.82 2/1947	1.92 2/1947	2.13 22/1948	2.68 2/1947	2.70 2/1947
Dec.	Amt. Date	1.80 25/1943	1.80 25/1943	1.80 25/1943	2.20 23/1941	3.44 23/1941	4.55 23-24/1941
Annual	Amt. Date	1.87 9/17/45	2.70 6/22/41	2.80 6/22/41	3.47 9/17/45	4.72 9/17/45	7.20 9/16-17/45

aAlso recorded on 16-17/1946

Station: SPARTANBURG WB AIRPORT, SOUTH CAROLINA

Drainage basin: BROAD

County: SPARTANBURG

Lat. 34° 55'N Long. 81° 57'W

Elev.(ft.) 794

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.64 17/1943	1.01 18/1943	1.34 18/1943	2.01 18/1943	2.55 18/1943	3.41 17-18/1943
Feb.	Amt. Date	0.88 16/1942	1.43 16/1942	1.64 16/1942	2.21 16/1942	2.59 16/1942	2.77 16-17/1942
Mar.	Amt. Date	0.55 16/1948	1.10 16/1948	1.47 16/1948	1.52 16/1948	1.97 19-20/1944	3.34 19-20/1944
Apr.	Amt. Date	0.68 7/1948	1.08 7/1948	1.35 7/1948	1.35 7/1948	2.36 18-19/1943	3.22 18-19/1943
May	Amt. Date	1.31 29/1944	1.54 29/1944	1.56 ^a 21/1943	1.60 21/1943	1.60 21/1943	2.80 21/1943
Jun.	Amt. Date	1.27 16/1949	1.77 ^b 28/1943	2.23 16/1949	2.28 16/1949	2.31 16/1949	2.38 15-16/1949
Jul.	Amt. Date	1.59 8/1947	1.62 8/1947	1.62 8/1947	1.63 8/1947	1.90 14/1945	2.70 14-15/1945
Aug.	Amt. Date	1.78 16/1949	2.32 16/1949	2.47 16/1949	2.75 16/1949	2.86 16/1949	3.46 16-17/1949
Sep.	Amt. Date	1.52 6/1942	1.92 5-6/1942	2.00 5-6/1942	2.22 6/1948	2.44 6/1948	3.17 16-17/1945
Oct.	Amt. Date	1.80 6/1949	3.42 6/1949	4.42 6-7/1949	6.19 6-7/1949	6.67 6-7/1949	6.70 6-7/1949
Nov.	Amt. Date	0.48 28/1948	0.89 28/1948	1.11 28/1948	2.11 28/1948	3.13 28/1948	3.30 28/1948
Dec.	Amt. Date	0.72 25/1945	1.02 25/1945	1.24 7/1950	1.77 7/1950	2.34 25-26/1943	2.78 25-26/1943
Annual	Amt. Date	1.80 10/6/49	3.42 10/6/49	4.42 10/6-7/49	6.19 10/6-7/49	6.67 10/6-7/49	6.70 10/6-7/49

^aAlso recorded on 29/1944.

^bAlso recorded on 16/1949.

Station: WAGENER, SOUTH CAROLINA

Drainage basin: EDISTO

County: AIKEN

Lat. 33° 39'N Long. 81° 20'W

Elev.(ft.) 330 (EST)

Period of record: 1941-1944*
1946-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.46a 6/1942	0.70 6/1942	0.84 6/1942	1.23 13/1948	1.31 13/1948	1.31 13/1948
Feb.	Amt. Date	0.80 9/1949	1.01 9/1949	1.14 9/1949	1.34 8-9/1949	1.50 8-9/1949	1.72 19/1949
Mar.	Amt. Date	0.64 17/1942	1.01 23/1944	1.32 23/1944	2.16 22-23/1944	2.86 22-23/1944	2.93 22-23/1944
Apr.	Amt. Date	0.68 27/1944	1.11 27/1944	1.18 26-27/1944	1.25 2/1947	1.65 31-1/1948	2.30 31-1/1948
May	Amt. Date	2.26 28/1950	3.04 25/1948	3.85 25/1948	4.33 25/1948	4.33 25/1948	4.33 25/1948
Jun.	Amt. Date	1.28 3/1950	1.67 3/1950	2.02 3/1950	2.03 3/1950	2.52 3-4/1950	3.00 9-10/1942
Jul.	Amt. Date	1.13 7/1948	1.54 7/1948	1.56 7/1948	1.58 15/1950	1.81 15/1950	2.20 14-15/1944
Aug.	Amt. Date	2.10 6/1949	2.29 7/1946	2.48 7/1946	2.55 7/1946	2.83 6/1949	2.83 6/1949
Sep.	Amt. Date	0.58 22/1950	0.91 24/1947	1.22 24/1947	1.47 24/1947	2.45 24/1947	2.76 23-24/1947
Oct.	Amt. Date	0.43 11/1948	0.73 11/1948	0.91 19/1950	1.36 19/1950	1.44 4/1948	2.05 4/1948
Nov.	Amt. Date	0.80 7/1946	1.05 22/1948	1.20 22/1948	1.69 22/1948	2.15 11/1947	2.35 11/1947
Dec.	Amt. Date	0.70 4/1941	1.14 4/1941	1.52 4/1941	1.80 4/1941	2.24 25-26/1943	3.25 25-26/1943
Annual	Amt. Date	2.26 5/28/50	3.04 5/25/48	3.85 5/25/48	4.33 5/25/48	4.33 5/25/48	4.33 5/25/48

^aAlso recorded on 3/1947.

*Station closed October 1944 to July 1946.

Station: WINNSBORO NO. 2, SOUTH CAROLINA

Drainage basin: BROAD RIVER

County: FAIRFIELD

Lat. 34° 22'N Long. 81° 05'W

Elev.(ft.) 545

Period of record: 1946-1950 (BREAKS)

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.33 1/1947	0.53 1/1947	0.84 1/1947	0.99 13/1947	1.21 13/1947	1.33 ^E 13/1948	
Feb.	0.25 8/1948	0.35 8/1948	0.40 8/1948	0.49 8/1948	0.70 20/1947	0.92 7-8/1948	
Mar.	0.55 16/1946	0.72 27/1948	0.99 27/1948	1.15 6-7/1948	1.67 6-7/1948	2.02 6-7/1948	
Apr.	0.66 7/1948	0.66 ^a 7/1948	0.71 4/1950	1.04 25/1946	1.56 25-26/1946	1.99 25-26/1946	
May	0.93 21/1947	1.57 21/1947	1.83 21/1947	2.00 21/1947	2.00 21/1947	2.00 21/1947	
Jun.	0.73 14/1948	0.78 29/1949	0.78 29/1949	0.78 29/1949	0.78 29/1949	0.90 29-30/1949	
Jul.	1.38 31/1949	1.46 31/1949	1.46 31/1949	1.53 31/1949	2.02 30-31/1949	2.86 30-31/1949	
Aug.	2.23 25/1947	2.38 25/1947	2.44 25/1947	2.44 25/1947	2.55 16-17/1949	2.79 16-17/1949	
Sep.	1.22 2/1947	1.22 2/1947	1.22 2/1947	1.22 2/1947	1.93 24/1947	2.22 23-24/1947	
Oct.	0.78 24/1947	1.05 8/1946	1.35 8/1946	2.30 8/1946	3.40 8/1946	4.05 7-8/1946	
Nov.	0.46 17/1948	0.61 17/1948	0.73 ^b 3/1948	1.20 28/1948	1.97 28/1948	2.40 1-2/1947	
Dec.	0.40 7/1948	0.56 7/1948	0.65 7/1948	0.76 7/1948	1.00 14/1949	1.13 14-15/1949	
Annual	2.23 8/25/47	2.38 8/25/47	2.44 8/25/47	2.44 8/25/47	3.40 10/8/46	4.05 10/7-8/46	

^aAlso recorded on 4/1950.

^bAlso recorded on 6/1948.