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WEATHER BUREAU

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10-54

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

Part XV: Alabama

DIVISION OF HYDROLOGIC SERVICES

HYDROMETEOROLOGICAL SECTION

In cooperation with

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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-

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.

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

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

2. U. S. 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 43 stations with five or more years of record are shown in table 3.

A. E. Brown, Jr. supervised the project for Alabama. James Keister compiled the data which were then checked by Robert Frazier, John Lindgren, and Cora Ludwig. Edna L. Grooms typed the manuscript.

Table 1. - Maximum monthly precipitation amounts for Alabama

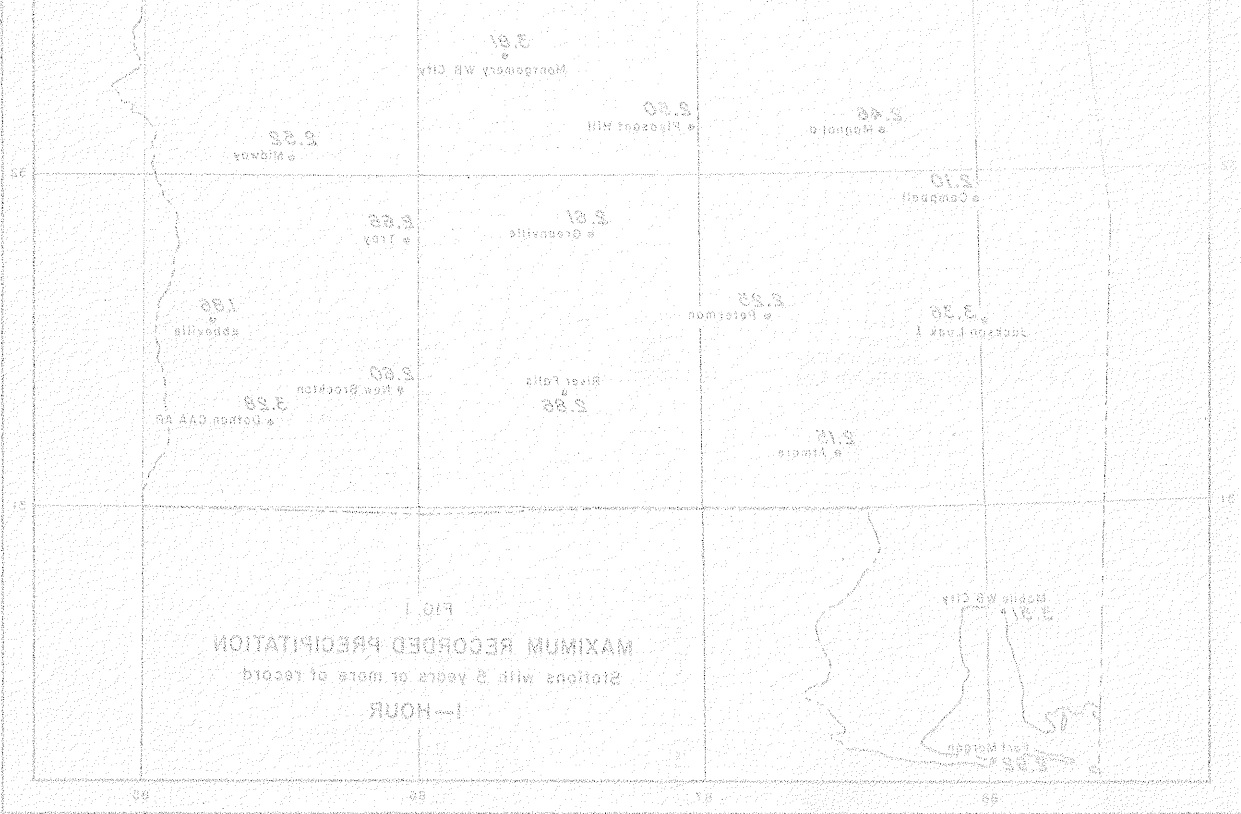
Duration (hours)	Amount	Location	Date	Duration (hours)	Amount	Location	Date
JANUARY				JULY			
1	2.06	Mobile WB City	2/1936	1	3.86	Berry	1/1945
2	3.28	Mobile WB City	2/1936	2	4.65	Berry	1/1945
3	3.75	Mobile WB City	2/1936	3	4.81	Berry	1/1945
6	4.60	Mobile WB City	2/1936	6	8.05	Lay Dam	3-4/1940
12	5.65	Atmore	31-1/1942	12	8.16	Lay Dam	3-4/1940
24	7.12	Mobile WB City	1-2/1936	24	9.21	Lay Dam	3-4/1940
FEBRUARY				AUGUST			
1	2.33	Mobile WB City	17/1917	1	3.83	Birmingham WB City	2/1941
2	2.74	Mobile WB City	28/1907	2	3.89	Birmingham WB City	2/1941
3	2.99	Mobile WB City	28/1907	3	4.78	University	19/1942
6	4.54	Mobile WB City	28/1907	6	5.98	University	19/1942
12	6.40	Mobile WB City	28/1907	12	6.73	University	1/1941
24	6.42	Mobile WB City	28/1907	24	8.83	Fort Morgan	30/1950
MARCH				SEPTEMBER			
1	2.56	Marion	25/1945	1	3.62	Anniston	5/1906
2	3.93	Marion	25/1945	2	5.46	River Falls	10/1944
3	4.69	Marion	25/1945	3	6.56	River Falls	10/1944
6	6.01	Campbell	25/1945	6	8.30	Fort Morgan	10/1944
12	7.29	Mobile WB City	14/1929	12	9.31	River Falls	10/1944
24	11.59	Mobile WB City	14-15/1929	24	10.14	Fort Morgan	9-10/1944
APRIL				OCTOBER			
1	3.51	Mobile WB City	2/1949	1	1.98	Birmingham WB City	17/1928
2	4.78	River Falls	14/1944	2	2.50	New Brocton	3/1948
3	5.07	Fort Morgan	20/1944	3	2.87	Mobile WB City	26/1918
6	8.22	Mobile WB City	4-5/1911	6	3.78	Mobile WB City	26-27/1918
12	8.62	Mobile WB City	4-5/1911	12	5.94	Mobile WB City	17-18/1937
24	8.91	Mobile WB City	4-5/1911	24	8.37	Mobile WB City	17-18/1937
MAY				NOVEMBER			
1	3.52	Montgomery WB City	30/1905	1	3.05	Montgomery WB City	9/1927
2	3.84	Belgreen	20/1943	2	4.39	Montgomery WB City	9/1927
3	4.11	Belgreen	20/1943	3	5.40	Montgomery WB City	9/1927
6	4.39	River Falls	21/1947	6	6.44	Peterman	8/1943
12	4.48	River Falls	20-21/1947	12	7.71	Peterman	8/1943
24	6.19	Magnolia	30-1/1950	24	8.07	Peterman	8/1943
JUNE				DECEMBER			
1	3.28	Dothan CAA Apt	22/1949	1	2.37	Birmingham WB City	27/1942
2	4.27	Lay Dam	12/1942	2	3.46	Birmingham WB City	27/1942
3	5.78	Lay Dam	12/1942	3	4.51	Marion	27/1942
6	8.09	Lay Dam	12/1942	6	7.42	Birmingham WB City	27/1942
12	8.74	Lay Dam	12/1942	12	8.34	Marion	27-28/1942
24	9.18	Lay Dam	12/1942	24	8.54	Birmingham WB Apt	27-28/1942
						Birmingham WB Apt	27-28/1942

Table 2. - Maximum precipitation amounts for Alabama

Duration (hours)	Amount	Location	Date
1	3.86	Berry	7/1/1945
2	5.46	River Falls	9/10/1944
3	6.56	River Falls	9/10/1944
6	8.30	Fort Morgan	9/10/1944
12	9.31	River Falls	9/10/1944
24	11.59	Mobile WB City	3/14-15/1929

Table 3. - Monthly distribution of maximum precipitation amounts for Alabama

Duration (hours)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	0	3	5	1	2	14	10	4	0	3	1
2	0	0	2	4	1	4	17	6	3	0	4	2
3	1	0	2	4	1	5	13	6	4	0	3	4
6	3	0	4	4	1	7	8	2	4	0	2	8
12	4	0	6	3	0	2	5	2	5	0	6	10
24	3	1	7	4	0	2	7	1	5	0	6	7



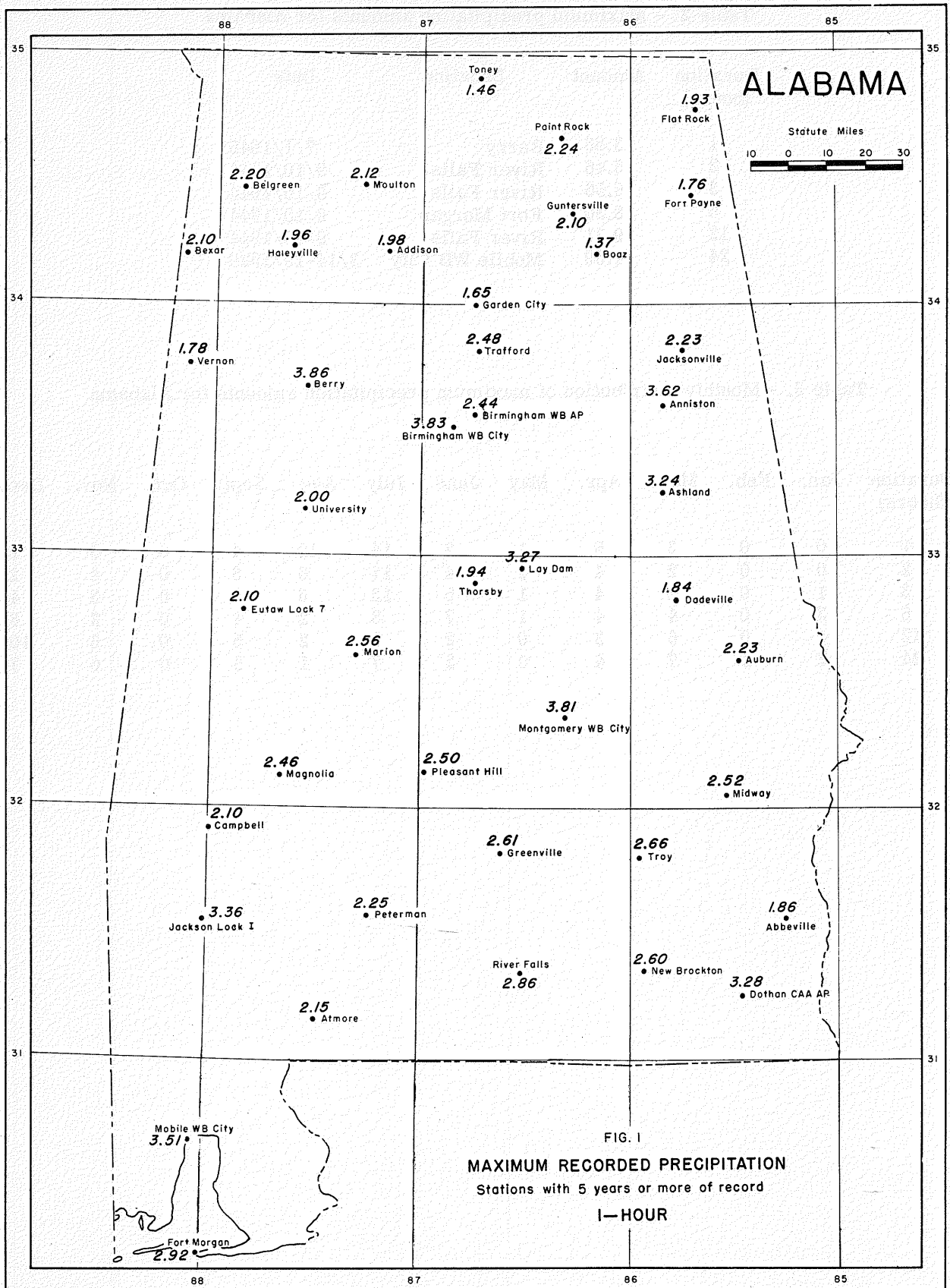


FIG. 1
MAXIMUM RECORDED PRECIPITATION
 Stations with 5 years or more of record
1— HOUR

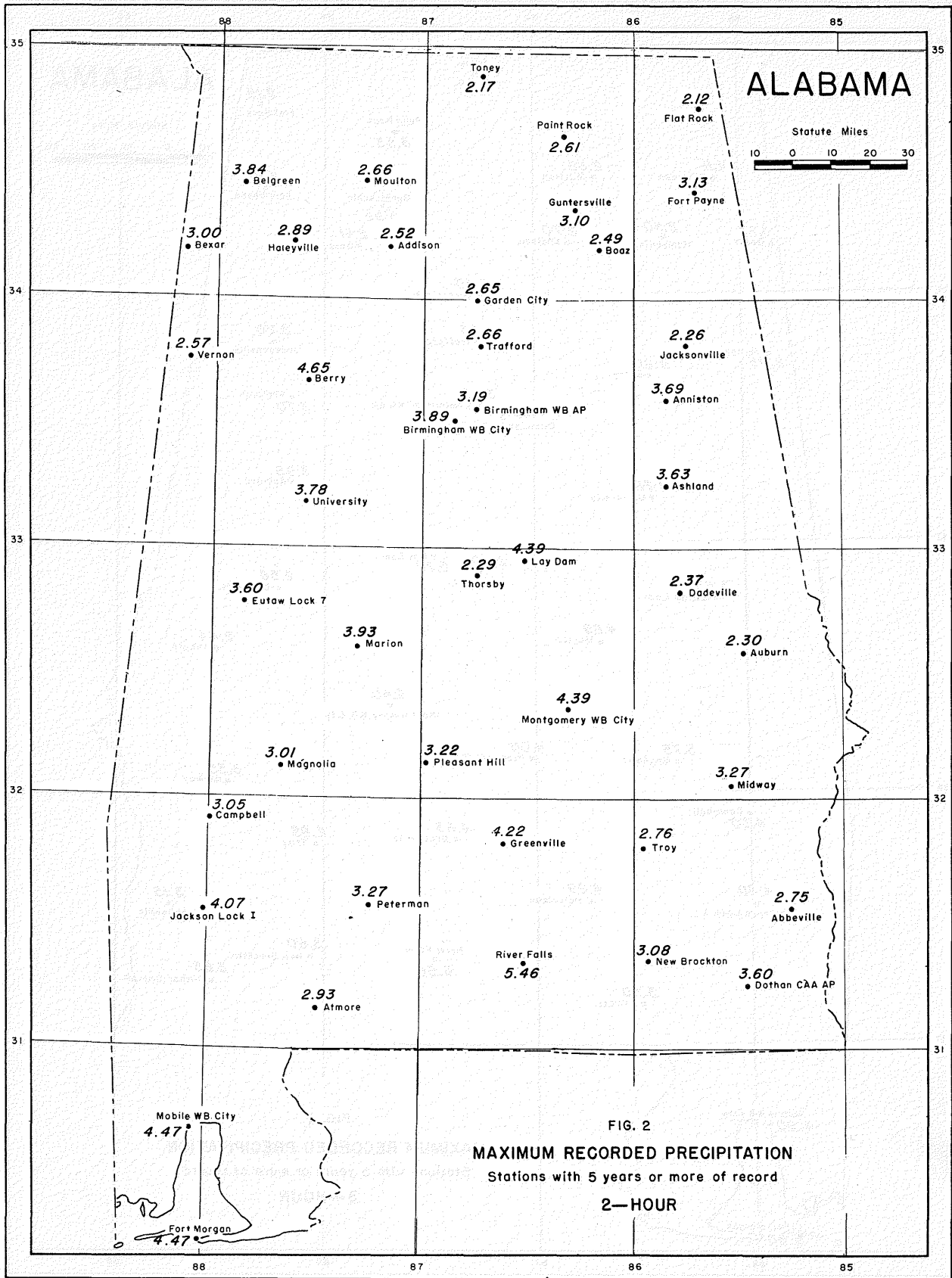
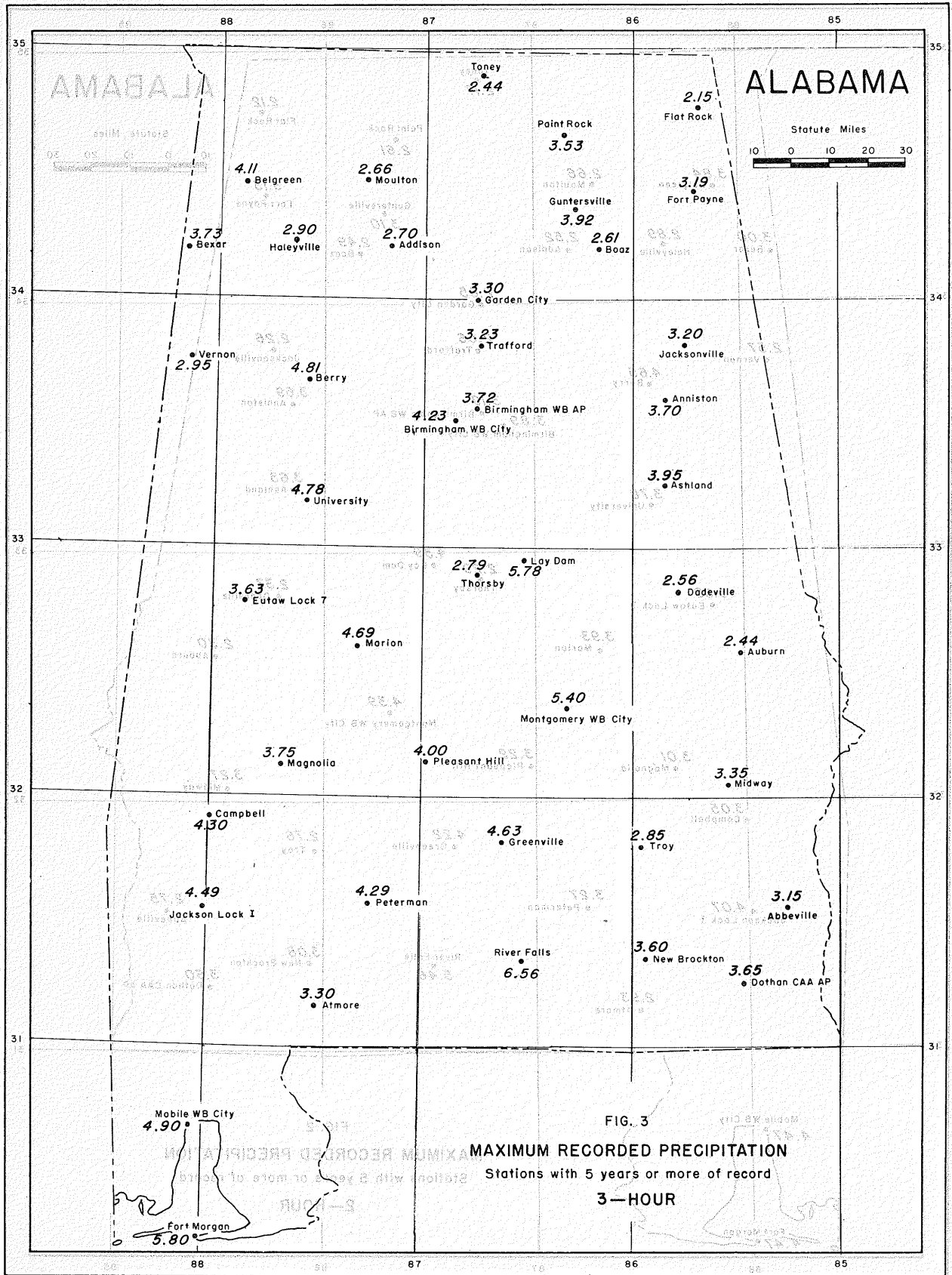
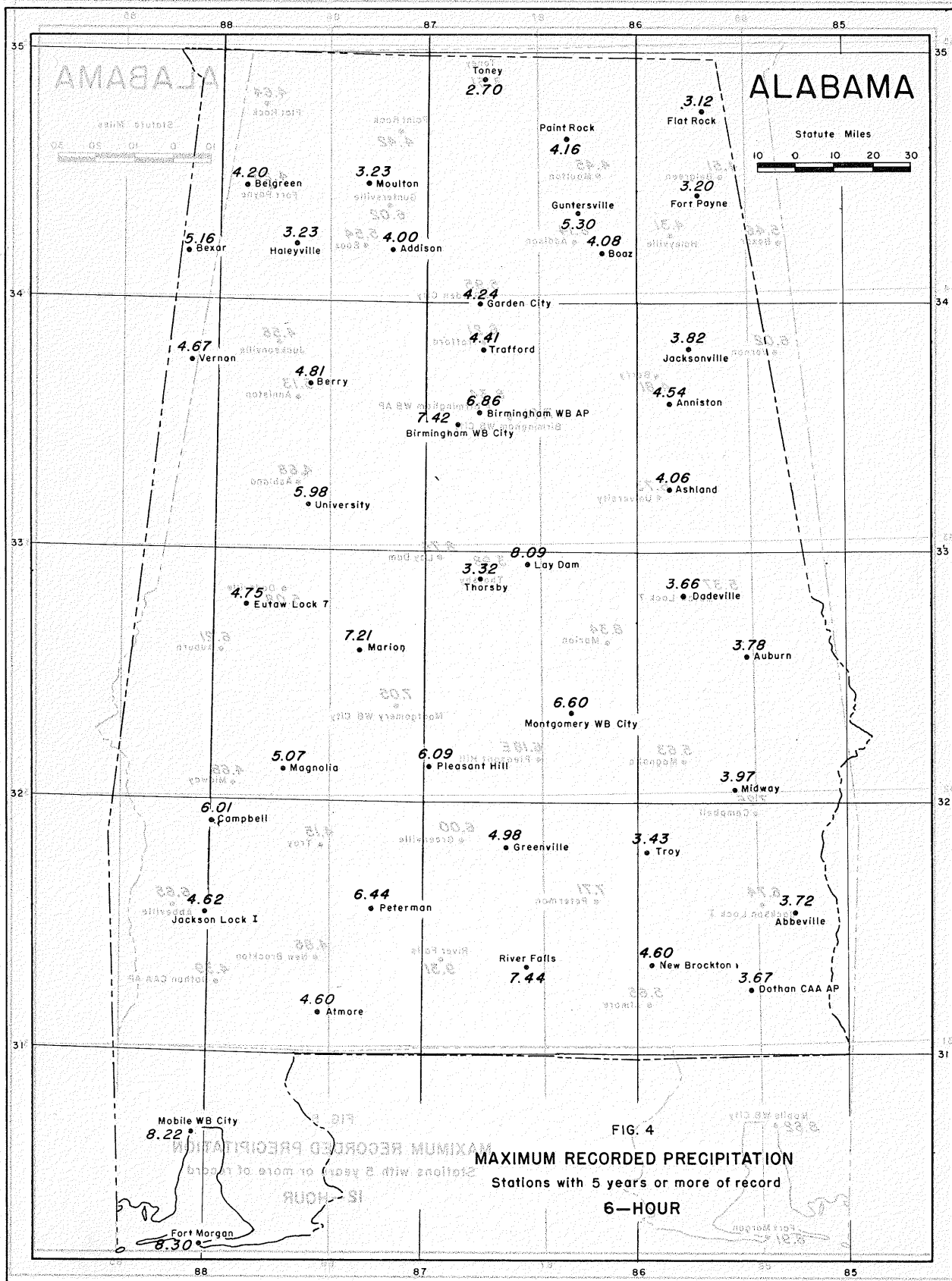


FIG. 2
MAXIMUM RECORDED PRECIPITATION
 Stations with 5 years or more of record
2-HOUR





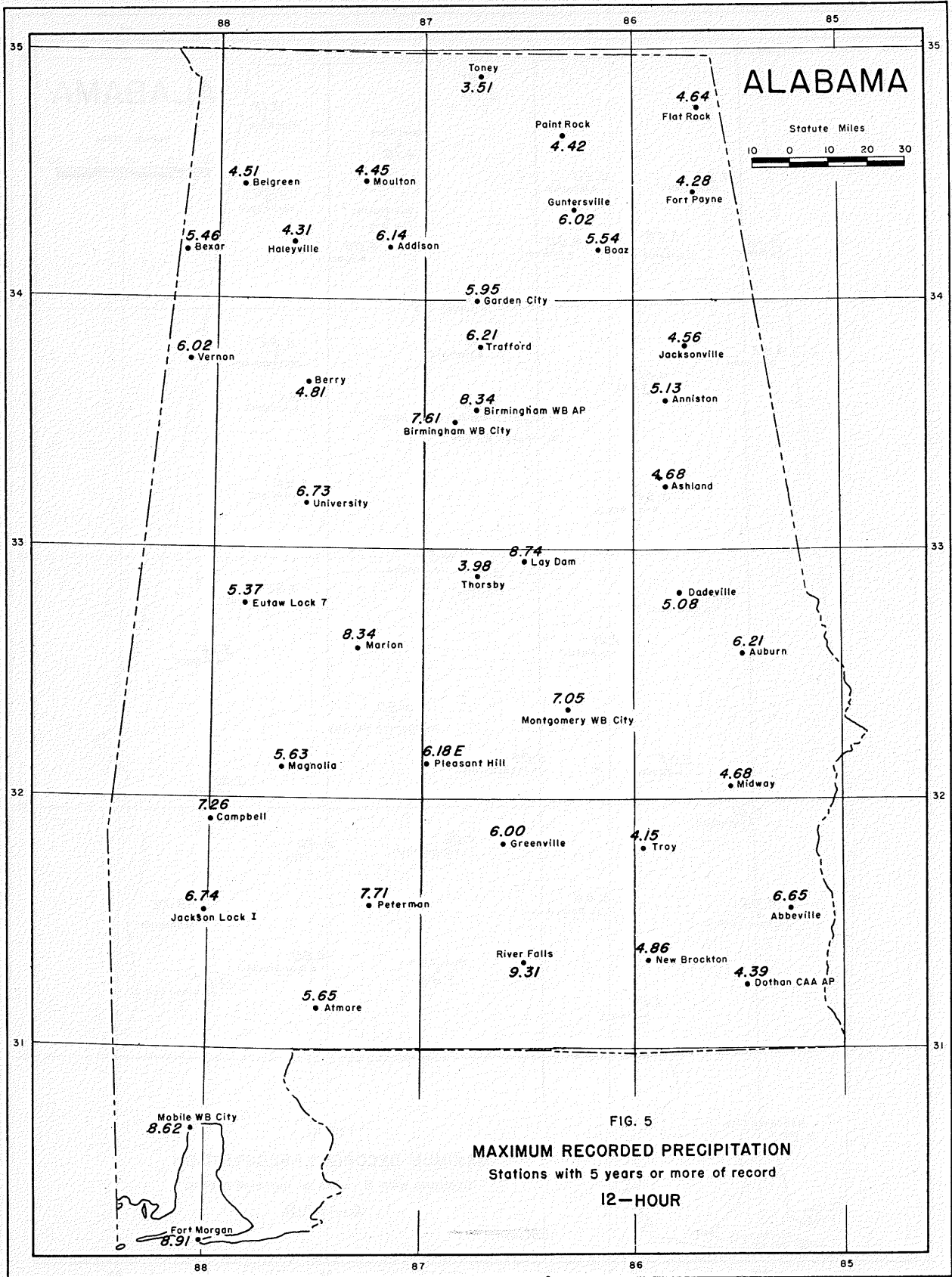


FIG. 5
MAXIMUM RECORDED PRECIPITATION
 Stations with 5 years or more of record
12-HOUR

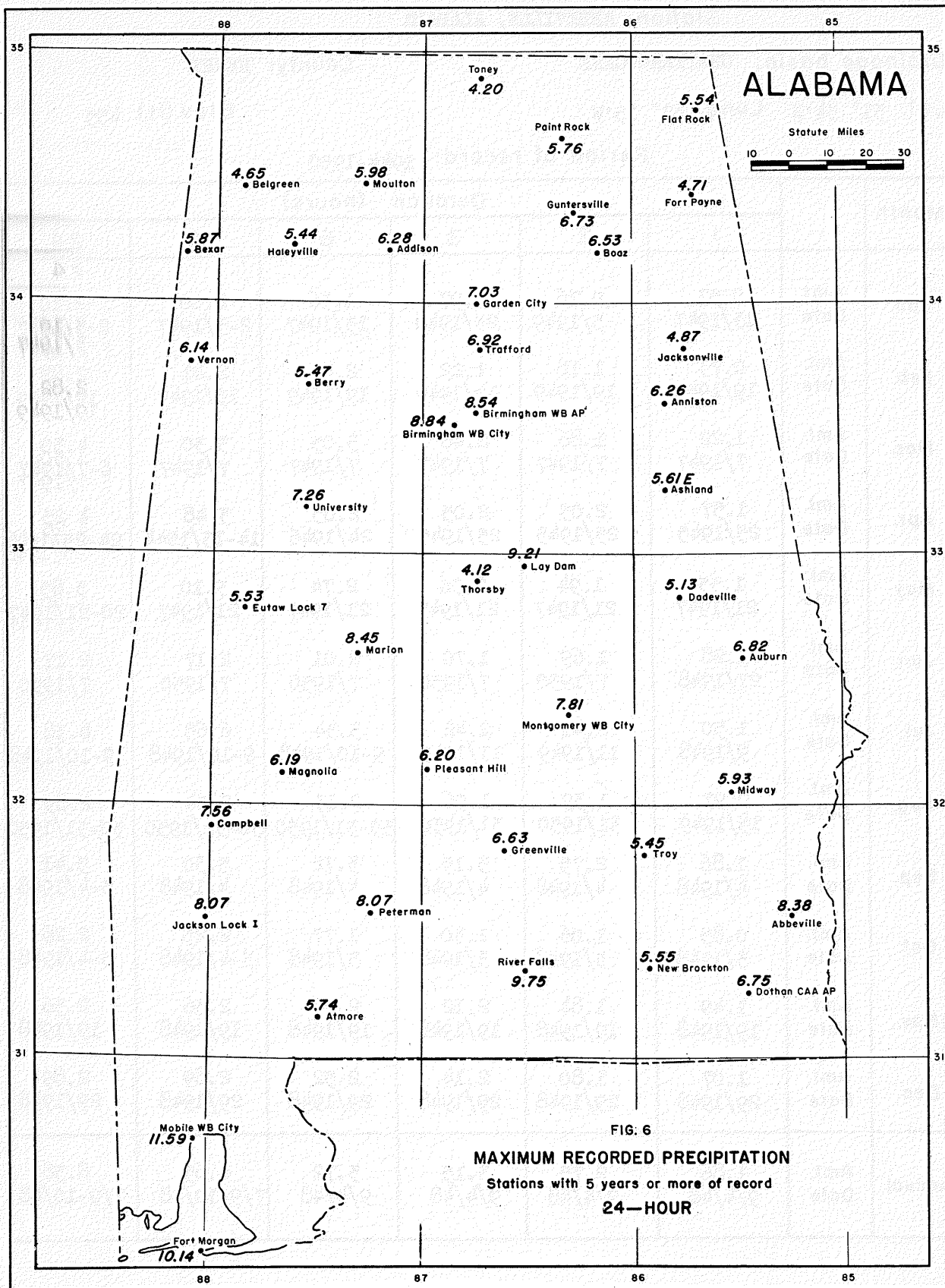


FIG. 6
MAXIMUM RECORDED PRECIPITATION
 Stations with 5 years or more of record
24-HOUR

Station: ABBEVILLE, ALABAMA

Drainage basin: CHATTAHOOCHEE

County: HENRY

Lat. 31° 34' N Long. 85° 15' W

Elev.(ft.) 455

Period of record: 1944-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.57 13/1947	0.76 5/1949	0.97 23/1948	1.36 13/1947	2.00 2-3/1947	2.10 2-3/1947
Feb.	Amt. Date	0.73 19/1949	1.18 19/1949	1.22 19/1949	2.07 19/1949	2.41 19/1949	2.82 19/1949
Mar.	Amt. Date	1.22 7/1947	1.86 7/1947	2.46 7/1947	3.05 7/1947	3.30 7/1947	4.30 6-7/1947
Apr.	Amt. Date	1.57 25/1945	2.05 25/1945	2.05 25/1945	2.65 24/1946	3.48 14-15/1944	4.25 24-25/1946
May	Amt. Date	1.35 21/1947	1.94 21/1947	2.36 21/1947	2.74 21/1947	3.10 21/1947	3.85 20-21/1947
Jun.	Amt. Date	1.28 27/1948	1.69 7/1950	1.70 7/1950	2.01 7/1950	2.17 7/1950	2.17 7/1950
Jul.	Amt. Date	1.50 9/1948	2.41 11/1949	2.42 11/1949	3.34 9-10/1948	6.65 9-10/1948	8.38 9-10/1948
Aug.	Amt. Date	0.97 15/1949	1.39 31/1950	1.56 31/1950	2.13 30-31/1950	2.54 30-31/1950	2.89 30-31/1950
Sep.	Amt. Date	1.86 4/1948	2.75 4/1948	3.15 4/1948	3.72 4/1948	5.30 4/1948	5.41 3-4/1948
Oct.	Amt. Date	0.85 3/1948	1.06 3/1948	1.30 3/1948	1.77 3/1948	2.25 3-4/1948	2.26 3-4/1948
Nov.	Amt. Date	1.49 19/1948	1.84 19/1948	2.12 19/1948	2.36 19/1948	2.36 19/1948	2.36 19/1948
Dec.	Amt. Date	1.07 29/1948	1.80 29/1948	2.14 29/1948	2.52 29/1948	2.89 29/1948	2.89 29/1948
Annual	Amt. Date	1.86 9/4/48	2.75 9/4/48	3.15 9/4/48	3.72 9/4/48	6.65 7/9-10/48	8.38 7/9-10/48

Station: ADDISON, ALABAMA

Drainage basin: BLACK WARRIOR

County: WINSTON

Lat. 34° 13' N Long. 87° 10' W

Elev.(ft.) 795

Period of record: 1941-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	1.15 7/1946	1.72 7/1946	2.26 7/1946	4.00 7/1946	5.20 7/1946	5.40 6-7/1946	
Feb.	1.31 26/1944	1.38 26/1944	1.41 28/1950	2.18 12/1945	3.08 8-9/1946	3.66 8-9/1946	
Mar.	1.26 25/1949	1.62 25/1949	2.34 25/1949	2.50 25/1949	2.56 25/1949	3.82 12-13/1950	
Apr.	1.82 8/1948	2.19 11/1944	2.47 11/1944	2.56 11/1944	2.56 11/1944	2.66 10-11/1944	
May	1.31 1/1949	1.45 1/1949	1.54 1/1949	1.75 1/1949	1.82 1/1949	1.85 30-1/1949	
Jun.	1.41 14/1944	1.51 14/1944	1.55 14/1944	1.60 14/1944	1.69 3-4/1950	1.78 13-14/1944	
Jul.	1.28 5/1950	1.58 5/1950	1.63 5/1950	1.84 5/1950	3.28 31-1/1941	3.35 31-1/1941	
Aug.	1.98 4/1945	2.36 4/1945	2.46 4/1945	3.18 1/1941	3.28 31-1/1941	3.35 31-1/1941	
Sep.	1.60 9/1946	2.00 9/1946	2.31 9/1946	3.67 9/1946	6.14 9/1946	6.28 9/1946	
Oct.	0.84 5/1947	1.38 27/1941	1.73 27/1941	2.39 27/1941	2.55 27/1941	2.55 27/1941	
Nov.	1.55 18/1948	2.52 18-19/1948	2.70 18-19/1948	3.21 18-19/1948	3.39 18-19/1948	3.48 18-19/1948	
Dec.	0.58 5/1942	0.83 15/1947	1.08 5/1942	1.32 15/1947	1.60 28/1946	2.72 28-29/1946	
Annual	1.98 8/4/45	2.52 11/18-19/48	2.70 11/18-19/48	4.00 1/7/46	6.14 9/9/46	6.28 9/9/46	

Station: ANNISTON, ALABAMA

Drainage basin: COOSA

County: CALHOUN

Lat. 33° 35'N Long. 85° 51'W

Elev.(ft.) 600

Period of record: 1905-1932

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.09 12/1932	1.36 12/1932	1.55 11/1918	2.13 17/1926	2.98 11/1918	3.44 31-1/1907
Feb.	Amt. Date	1.28 8/1921	1.87 7/1921	2.11 7/1921	2.46 13/1923	4.16 7-8/1921	4.25 7-8/1921
Mar.	Amt. Date	1.69 26/1917	2.46 26/1917	2.66 6/1930	3.61 6/1930	5.13 6/1930	6.26 6-7/1930
Apr.	Amt. Date	2.56 22/1909	3.19 22/1909	3.31 22/1909	3.69 22/1909	4.85 22-23/1909	5.46 22-23/1909
May	Amt. Date	1.51 11/1921	1.86 7/1915	2.43 17/1930	2.82 17/1930	3.46 17/1930	3.54 17/1930
Jun.	Amt. Date	2.37 6/1922	2.43 6/1922	2.51 6/1922	2.53 6-7/1922	2.59 6-7/1922	3.02 24-25/1928
Jul.	Amt. Date	3.05 17/1929	3.13 17/1929	3.21 17/1929	4.54 7/1906	4.55 7/1906	5.57 6-7/1916
Aug.	Amt. Date	2.05 18/1915	2.34 18/1915	2.34 18/1915	2.34 18/1915	2.95 18/1915	3.92 2/1917
Sep.	Amt. Date	3.62 5/1906	3.69 5/1906	3.70 5/1906	4.13 5/1906	4.35 5/1906	4.35 5/1906
Oct.	Amt. Date	1.22 5/1928	1.66 29/1918	2.08 29/1918	2.36 29/1918	3.45 29/1918	4.44 29-30/1918
Nov.	Amt. Date	1.22 1/1919	1.46 7-8/1925	1.99 7-8/1925	2.33 7-8/1925	2.35 7-8/1925	2.69 17-18/1906
Dec.	Amt. Date	1.29 8/1924	1.71 17/1922	2.19 9/1919	2.62 8-9/1919	3.59 8-9/1919	4.54 8-9/1919
Annual	Amt. Date	3.62 9/5/06	3.69 9/5/06	3.70 9/5/06	4.54 7/7/06	5.13 3/6/30	6.26 3/6-7/30

Station: ASHLAND, ALABAMA

Drainage basin: TALLAPOOSA

County: CLAY

Lat. 33° 16'N Long. 85° 50'W

Elev.(ft.) 1010

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.85 6/1946	2.65 6/1946	2.78E 6/1946	3.18E 6/1946	3.98E 6/1946	5.57E 5-6/1946
Feb.	Amt. Date	0.67a 24/1944	1.31 24/1944	1.38 24/1944	1.67 4/1945	2.18 4-5/1945	2.52 4-5/1945
Mar.	Amt. Date	1.35 6/1944	2.06 22-23/1948	3.09 22/1948	4.06 22-23/1948	4.68 20-21/1942	5.11 20-21/1942
Apr.	Amt. Date	1.85 11/1944	2.13 11/1944	2.36 24/1945	3.07 18/1943	3.68 18/1943	4.19 18-19/1943
May	Amt. Date	1.57 11/1945	1.78 11/1945	2.10 11/1945	3.13 11-12/1945	3.99 11-12/1945	4.37 11-12/1945
Jun.	Amt. Date	1.43 6/1944	1.47 4/1950	1.78 22/1947	2.96 22/1947	3.85 22/1947	5.61E 21-22/1947
Jul.	Amt. Date	3.24 13/1945	3.63 13/1945	3.95 6/1943	3.98 6-7/1943	3.98 6-7/1943	3.98b 6-7/1943
Aug.	Amt. Date	1.23 27/1941	1.55 19/1949	2.19 19/1949	2.30 19/1949	2.36 19/1949	2.66 2-3/1948
Sep.	Amt. Date	2.20 3/1943	3.09 3/1943	3.10 3/1943	3.11 3/1943	3.12 3/1943	3.14 3-4/1943
Oct.	Amt. Date	0.66 23/1950	1.13 6/1945	1.60 6/1945	2.37 6/1945	2.40 6/1945	2.45 5-6/1945
Nov.	Amt. Date	0.88 7/1947	1.75 7/1947	1.84 7/1947	2.16 10-11/1947	3.13 10-11/1947	3.36 10-11/1947
Dec.	Amt. Date	0.87 28/1942	1.23 28/1942	1.49 22/1941	2.07 22/1941	2.61 22-23/1941	2.90 22-23/1941
Annual	Amt. Date	3.24 7/13/45	3.63 7/13/45	3.95 7/6/43	4.06 3/22-23/48	4.68 3/20-21/42	5.61E 6/21-22/47

a Also 21/1945.

b Also 9-10/1948.

Station: ATMORE, ALABAMA

Drainage basin: ESCAMBIA

County: ESCAMBIA

Lat. 31° 10' N Long. 87° 29' W

Elev.(ft.) 300

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.85 1/1942	2.71 31-1/1942	3.30 31-1/1942	4.60 31-1/1942	5.65 31-1/1942	5.74 31-1/1942
Feb.	Amt. Date	1.05 6/1946	1.60 6/1946	1.75 6/1946	2.18 18-19/1946	2.40 18-19/1946	2.50 15-16/1942
Mar.	Amt. Date	2.11 2/1948	2.35 2/1948	2.37 2/1948	2.79 22-23/1944	3.31 21-22/1949	4.87 22-23/1944
Apr.	Amt. Date	1.75 4/1950	2.12 9/1942	2.74 18/1944	3.60 18/1944	4.28 30-1/1940	4.30 30-1/1940
May	Amt. Date	2.06 25/1947	2.39 1/1940	2.50 1/1940	2.75 1/1940	4.28 30-1/1940	4.30 30-1/1940
Jun.	Amt. Date	1.62 25/1943	2.25 25/1943	2.38 22/1942	2.95 15/1940	4.11 15/1940	4.36 15-16/1940
Jul.	Amt. Date	2.15 4/1942	2.54 29/1948	2.55 29/1948	2.55 29/1948	2.80 29/1948	3.37 6-7/1940
Aug.	Amt. Date	1.53 7/1947	2.93 17/1943	2.96 17/1943	3.04a 17/1943	4.48 30-31/1950	4.80 30-31/1950
Sep.	Amt. Date	2.06 28/1944	2.09 28/1944	2.45 23/1946	3.28 8/1947	4.12 10/1944	4.70 22-23/1946
Oct.	Amt. Date	0.79 4/1943	0.91 4/1943	0.95 4/1943	1.01 2/1941	1.16 13-14/1943	1.24 2/1941
Nov.	Amt. Date	1.62 21/1948	2.22 21-22/1948	2.58 21-22/1948	2.95 21/1945	2.95 21/1945	4.77 26-27/1948
Dec.	Amt. Date	1.72 13/1940	2.71 31-1/1942	3.30 31-1/1942	4.60 31-1/1942	5.65 31-1/1942	5.74 31-1/1942
Annual	Amt. Date	2.15 7/4/42	2.93 8/17/43	3.30 12/31- 1/1/42	4.60 12/31- 1/1/42	5.65 12/31- 1/1/42	5.74 12/31- 1/1/42

a Also 30-31/1950.

Station: AUBURN, ALABAMA

Drainage basin: TALLAPOOSA

County: LEE

Lat. 32° 26' N Long. 85° 29' W

Elev.(ft.) 700

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.89 5/1946	1.24 5/1946	1.50 5/1946	2.03 6/1946	2.33 5-6/1946	4.27 5-6/1946
Feb.	Amt. Date	0.77 9/1944	0.98 20/1945	1.45 20/1945	2.09 20/1945	2.67 20/1945	3.45 20/1945
Mar.	Amt. Date	1.18 22/1944	1.64 22/1944	2.21 22/1944	3.17 22/1944	3.88 22/1944	4.79 22-23/1944
Apr.	Amt. Date	1.64 25/1945	1.79 25/1945	2.44 24-25/1945	3.78 24-25/1945	4.11 29/1949	5.68 28-29/1949
May	Amt. Date	1.69 14/1946	1.76 14/1946	1.90 19/1946	2.54 19-20/1946	3.49 19-20/1946	4.41 19-20/1946
Jun.	Amt. Date	0.95 2/1950	1.16 28/1946	1.30 28/1946	1.90 1/1946	2.11 21-22/1947	3.71 21-22/1947
Jul.	Amt. Date	2.23 15/1944	2.30 15/1944	2.30 15/1944	3.71 9/1948	5.48 9-10/1948	6.37 9-10/1948
Aug.	Amt. Date	1.18 9/1947	1.53 9/1947	1.72 3/1948	2.71 3/1948	3.76 3/1948	4.16 2-3/1948
Sep.	Amt. Date	1.31 10/1945	1.37 10/1945	1.38 15/1947	1.79 10-11/1944	2.27 10-11/1944	2.65 10-11/1944
Oct.	Amt. Date	0.63 14/1943	0.91 25/1946	1.10 25/1946	1.23 25/1946	1.23 25/1946	1.23 25/1946
Nov.	Amt. Date	1.66 11/1947	1.92 11/1947	2.28 26/1948	3.60 26/1948	6.21 26/1948	6.82 26-27/1948
Dec.	Amt. Date	0.75 25/1945	1.05 25/1945	1.19 10/1945	1.76 24-25/1945	2.41 24-25/1945	2.60 24-25/1945
Annual	Amt. Date	2.23 7/15/44	2.30 7/15/44	2.44 4/24-25/45	3.78 4/24-25/45	6.21 11/26/48	6.82 11/26-27/48

Station: BELGREEN, ALABAMA

Drainage basin: TENNESSEE

County: FRANKLIN

Lat. 34° 28' N Long. 87° 52' W

Elev.(ft.) 910

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.97 5/1946	1.57 7/1946	1.80 7/1946	3.30 7/1946	3.52 7/1946	4.20 5-6/1950
Feb.	Amt. Date	1.40 21/1945	1.60 21/1945	2.00 21/1945	3.61 21/1945	4.28 21/1945	4.51 12-13/1948
Mar.	Amt. Date	1.30 16/1946	1.81 16/1946	2.55 16/1942	2.80 16/1948	4.51 15-16/1948	4.65 15-16/1948
Apr.	Amt. Date	1.12 11/1944	1.53 11/1944	2.12 11/1944	2.14 11/1944	2.14 11/1944	2.39 8-9/1942
May	Amt. Date	2.20 20/1943	3.84 20/1943	4.11 20/1943	4.20 20/1943	4.20 20/1943	4.20 20/1943
Jun.	Amt. Date	1.40 30/1942	1.70 15/1945	1.90 15/1945	1.92 15/1945	1.92 15/1945	2.53 14-15/1945
Jul.	Amt. Date	2.00 16/1941	2.74 4/1941	3.33 4/1941	3.81 4/1941	3.86 4/1941	4.31 14-15/1950
Aug.	Amt. Date	1.42 26/1944	2.00 14-15/1944	2.11 14-15/1944	2.30 31/1950	2.59 30-31/1950	3.33 30-31/1950
Sep.	Amt. Date	1.41 4/1943	1.99 4/1943	2.01 3-4/1943	2.02 3-4/1943	2.23 9/1946	2.96 3-4/1943
Oct.	Amt. Date	1.42 31/1942	1.62 31/1942	2.00 31/1942	2.41 31/1942	2.49 31/1942	2.49 31/1942
Nov.	Amt. Date	0.92 18/1948	1.39 20/1950	1.71 2/1950	2.01 14/1947	2.28 27-28/1948	2.88 10-11/1946
Dec.	Amt. Date	0.69 15/1947	1.09 15/1947	1.49 15/1947	1.88 15/1947	2.54 27/1942	2.75 27-28/1942
Annual	Amt. Date	2.20 5/20/43	3.84 5/20/43	4.11 5/20/43	4.20 5/20/43	4.51 3/15-16/48	4.65 3/15-16/48

Station: BERRY, ALABAMA

Drainage basin: BLACK WARRIOR

County: FAYETTE

Lat. 33° 40'N Long. 87° 36'W

Elev.(ft.) 452

Period of record: 1944-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.70 5/1950	1.13 3/1949	1.34 3/1949	2.26 6/1950	3.76 5-6/1950	5.42 5-6/1950
Feb.	Amt. Date	0.87 13/1946	1.12 13/1946	1.33 13/1950	1.80 9/1946	2.29 12/1945	3.67 9/1946
Mar.	Amt. Date	1.05 16/1946	1.55 12/1950	1.64 12/1950	2.41 12-13/1950	3.68 12-13/1950	5.47 12-13/1950
Apr.	Amt. Date	1.90 28/1950	2.86 28/1950	3.11 27-28/1950	3.28 27-28/1950	3.28 27-28/1950	3.31 27-28/1950
May	Amt. Date	1.53 12/1945	2.52 12/1945	2.79 12/1945	2.97 12/1945	2.97 12/1945	3.28 11-12/1945
Jun.	Amt. Date	0.89 21/1950	1.13 2/1947	1.72 2/1947	2.07 22/1947	2.25 22/1947	2.31 21-22/1947
Jul.	Amt. Date	3.86 1/1945	4.65 1/1945	4.81 1/1945	4.81 1/1945	4.81 1/1945	4.81 1/1945
Aug.	Amt. Date	1.63 3/1948	2.05 29/1950	2.06 29/1950	2.56 31/1950	2.94 30-31/1950	2.98 30-31/1950
Sep.	Amt. Date	1.46 21/1944	2.76 21/1944	3.32 21/1944	4.20 21/1944	4.20 21/1944	4.20 21/1944
Oct.	Amt. Date	0.81 5/1947	1.45 6/1945	1.90 6/1945	2.43 5-6/1945	2.53 5-6/1945	2.61 5-6/1945
Nov.	Amt. Date	2.35 19/1948	2.67 18-19/1948	2.98 18-19/1948	3.34 18-19/1948	4.34 10-11/1946	4.35 10-11/1946
Dec.	Amt. Date	0.71 25/1948	0.99 25/1948	1.16 ^a 15/1947	1.50 15/1947	1.69 16/1948	1.93 16-17/1948
Annual	Amt. Date	3.86 7/1/45	4.65 7/1/45	4.81 7/1/45	4.81 7/1/45	4.81 7/1/45	5.47 3/12-13/50

a Also 24-25/1948.

Station: HEXAR, ALABAMA*

Drainage basin: TOMBIGBEE

County: MARION

Lat. 34° 12' N Long. 88° 09' W

Elev.(ft.) 529

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.45 7/1946	1.56 7/1946	1.89 7/1946	3.37 7/1946	5.46 7/1946	5.80 6-7/1946
Feb.	Amt. Date	1.41 21/1945	1.98 13/1948	2.48 12/1948	3.28 12/1948	3.55 12/1948	4.13 11-12/1948
Mar.	Amt. Date	1.70 16/1942	2.01 24-25/1949	2.21 24-25/1949	2.48 24-25/1949	2.63 28/1944	4.00 12-13/1950
Apr.	Amt. Date	1.18 27/1949	1.57 11/1947	1.69 11/1947	2.15 11/1947	2.21 11/1947	2.25 11/1947
May	Amt. Date	1.92 21/1941	1.94 21/1941	1.94 21/1941	2.19 21/1947	2.30 20-21/1947	2.40 31-1/1946
Jun.	Amt. Date	1.62 10/1950	2.17 10/1950	2.62 10/1950	2.84 10/1950	2.84 10/1950	2.86 9-10/1950
Jul.	Amt. Date	2.03 4/1941	3.00 4/1941	3.73 4/1941	5.16 4/1941	5.28 4/1941	5.87 3-4/1941
Aug.	Amt. Date	2.10 5/1941	2.13 5/1941	2.13 5/1941	2.22 26/1944	2.72 26/1944	2.84 26-27/1944
Sep.	Amt. Date	1.49 9/1946	1.61 9/1946	1.64 9/1946	1.90 9/1946	2.18 9/1946	2.19 9/1946
Oct.	Amt. Date	1.73 21/1945	1.74 21/1945	1.75 21/1945	1.76 21/1945	1.87 3/1941	2.68 21-22/1945
Nov.	Amt. Date	0.95 11/1940	1.24 20/1950	1.52 20/1950	2.18 14-15/1947	2.31 27-28/1948	2.47 27-28/1948
Dec.	Amt. Date	0.61 29/1946	1.03 15/1947	1.43 15/1947	1.87 15/1947	2.92 27/1942	3.12 27-28/1942
Annual	Amt. Date	2.10 8/5/41	3.00 7/4/41	3.73 7/4/41	5.16 7/4/41	5.46 1/7/46	5.87 7/3-4/41

*Formerly Shottsville, Alabama

Station: BIRMINGHAM WB APT, ALABAMA

Drainage basin: BLACK WARRIOR

County: JEFFERSON

Lat. 33° 34'N Long. 86° 45'W

Elev.(ft.) 610

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.13 5/1949	1.77 5/1949	2.10 5/1949	2.77 5/1949	4.00 4-5/1949	5.82 4-5/1949
Feb.	Amt. Date	1.02 13/1948	1.22 13/1948	1.60 13/1948	2.44 9-10/1946	3.23 9-10/1946	4.62 9-10/1946
Mar.	Amt. Date	0.95 19/1943	1.30 17/1942	1.34 17/1942	1.99 19/1943	2.45 19-20/1943	2.89 19-20/1943
Apr.	Amt. Date	1.30 23/1941	1.58 11/1947	1.68 18/1944	2.01 23-24/1941	2.70 23-24/1941	3.16 18-19/1943
May	Amt. Date	1.12 25/1944	1.21 30-1/1947	1.36 30-1/1947	1.55 2/1950	1.78 19/1950	2.09 19/1950
Jun.	Amt. Date	1.54 14/1946	1.62 14/1946	2.16 1/1941	2.16 1/1941	2.47 15/1948	2.83 15-16/1948
Jul.	Amt. Date	2.26 14/1950	2.37 14/1950	2.56 14/1950	2.68 14/1950	3.11 11-12/1950	3.15 11-12/1950
Aug.	Amt. Date	2.44 24/1947	2.47 24/1947	2.66 29/1950	2.67 29/1950	2.69 29/1950	2.79 3-4/1946
Sep.	Amt. Date	0.98a 2/1941	1.47 22/1946	1.85 22/1946	2.01 16/1942	2.63 22/1946	3.14 22-23/1946
Oct.	Amt. Date	1.75 31/1941	2.37 31/1941	2.40 31/1941	2.65 6/1945	2.77 5-6/1945	2.84 5-6/1945
Nov.	Amt. Date	1.30 28/1948	1.89 28/1948	2.08 27-28/1948	3.03 28/1948	4.73 27-28/1948	4.87 27-28/1948
Dec.	Amt. Date	1.65 27/1942	3.19 27/1942	3.72 27/1942	6.86 27/1942	8.34 27-28/1942	8.54 27-28/1942
Annual	Amt. Date	2.44 8/24/47	3.19 12/27/42	3.72 12/27/42	6.86 12/27/42	8.34 12/27-28/42	8.54 12/27-28/42

a Also 22/1946.

Station: BIRMINGHAM WB CITY, ALABAMA

Drainage basin: BLACK WARRIOR

County: JEFFERSON

Lat. 33° 32'N Long. 86° 50'W

Elev.(ft.) 694

Period of record: 1903-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.69 31/1915	2.04 31/1915	2.27 31/1915	2.52 31-1/1915	3.18 2/1937	4.26 1-2/1911
Feb.	Amt. Date	1.67 27/1913	2.29 27/1913	2.38 27/1913	2.83 27/1913	3.20a 7/1921	5.60 7/1903
Mar.	Amt. Date	1.66 14/1929	2.12 5/1935	2.61 6/1930	3.15 6/1930	4.05 2-3/1934	4.72 2-3/1934
Apr.	Amt. Date	1.66 30/1929	1.95 30/1929	2.14 7-8/1938	2.90 7-8/1938	5.15 7-8/1938	5.66 7-8/1938
May	Amt. Date	2.01 7/1915	2.35 7/1915	2.66 7/1915	3.42 13/1918	3.86 12-13/1918	4.29 12-13/1920
Jun.	Amt. Date	2.25 14/1929	3.09 14/1929	3.20 14/1929	3.21 14/1929	3.21 14/1929	3.25 6-7/1934
Jul.	Amt. Date	2.23 24/1910	2.45 24/1910	2.66 7/1916	3.56 7/1916	5.56 6-7/1916	8.84 6-7/1916
Aug.	Amt. Date	3.83 2/1941	3.89 2/1941	3.94 2/1941	3.94 2/1941	4.15 2/1941	4.15 2/1941
Sep.	Amt. Date	2.65 18/1939	2.88 18/1939	3.78 28/1906	5.22 28/1906	6.34 28/1906	7.59 27-28/1906
Oct.	Amt. Date	1.98 17/1928	2.24 29/1918	2.41 29/1918	3.09 29/1918	4.45 29/1918	5.60 29-30/1918
Nov.	Amt. Date	2.05 12/1935	2.84 12/1935	3.25 12/1935	3.70 12/1935	4.00 12/1935	5.02 13-14/1929
Dec.	Amt. Date	2.37 27/1942	3.46 27/1942	4.23 27/1942	7.42 27/1942	7.61 27/1942	7.76 26-27/1942
Annual	Amt. Date	3.83 8/2/41	3.89 8/2/41	4.23 12/27/42	7.42 12/27/42	7.61 12/27/42	8.84 7/6-7/16

a Also 3/1936.

All 1-, 2-, and 24-hour amounts except January 24-hr, April 1-hr, June 24-hr, and December 2-hr are true maxima.

Station: BOAZ, ALABAMA

Drainage basin: BLACK WARRIOR

County: MARSHALL

Lat. 34° 13'N Long. 86° 10'W

Elev.(ft.) 1075

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.99 5/1946	1.55 5/1949	1.92 5/1949	2.82 4-5/1949	4.02 4-5/1949	5.93 4-5/1949
Feb.	Amt. Date	0.95 16/1942	1.90 16/1942	2.10 16/1941	2.52 9/1946	3.50 16/1942	4.74 9-10/1946
Mar.	Amt. Date	0.93 16/1946	1.14 12/1950	1.39 12/1950	2.06 12/1950	3.21 12-13/1950	4.80 12-13/1950
Apr.	Amt. Date	0.96 11/1944	1.21 11/1944	1.47 22/1944	1.68 22/1944	1.85 22/1945	2.22 18-19/1943
May	Amt. Date	1.05a 26/1942	1.50 24/1946	1.77 26/1942	2.23 26/1942	2.25 26-27/1942	2.25 26-27/1942
Jun.	Amt. Date	1.27 3/1944	1.69 3/1944	1.70 3-4/1944	1.70 3-4/1944	1.88 15-16/1948	2.05 15-16/1948
Jul.	Amt. Date	1.20 27/1948	1.57 27/1948	1.69 27/1948	1.77 10/1948	2.23 10/1948	3.10 31-1/1941
Aug.	Amt. Date	1.29 16/1941	2.49 16/1941	2.61 16/1941	2.70 16/1941	2.70 16/1941	3.10 31-1/1941
Sep.	Amt. Date	1.15 20/1944	1.94 20/1944	2.19 20/1944	2.30 20/1944	3.95 20-21/1944	3.95 20-21/1944
Oct.	Amt. Date	0.89 2/1945	1.54 2/1945	1.68 27/1941	2.38 27/1941	2.41 27/1941	2.47 27/1941
Nov.	Amt. Date	1.37 19/1948	1.84 19/1948	2.35 10-11/1946	3.39 28/1948	4.79 27-28/1948	5.00 27-28/1948
Dec.	Amt. Date	0.90 27/1942	1.60 27-28/1942	2.17 27-28/1942	4.08 27-28/1942	5.54 27-28/1942	6.53 27-28/1942
Annual	Amt. Date	1.37 11/19/48	2.49 8/16/41	2.61 8/16/41	4.08 12/27-28/42	5.54 12/27-28/42	6.53 12/27-28/42

a Also 24/1943.

Station: CAMPBELL, ALABAMA

Drainage basin: TOMBIGHEE

County: CLARKE

Lat. 31° 55'N Long. 87° 59'W

Elev.(ft.) 93

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.07 30/1942	1.37 30/1942	1.43 30/1942	1.58 2/1944	1.65 2/1944	2.42 5-6/1946
Feb.	Amt. Date	0.85 6/1946	1.10 6/1946	1.27 6/1946	1.60 10/1950	2.60 5-6/1946	2.60 5-6/1946
Mar.	Amt. Date	1.55 25/1945	3.05 25/1945	4.30 25/1945	6.01 25/1945	6.56 25/1945	6.59 25-26/1945
Apr.	Amt. Date	1.21 1/1945	1.82 18/1944	2.50 18/1944	3.35 26/1944	4.48 25-26/1944	4.56 25-26/1944
May	Amt. Date	1.31 24/1947	1.68 24/1947	1.91 24/1947	2.61 24/1947	3.02 24/1947	3.04 24-25/1947
Jun.	Amt. Date	1.51 28/1943	2.09 28/1943	2.15 28/1943	2.17 28/1943	2.51 31-1/1943	2.56 31-1/1943
Jul.	Amt. Date	1.03 4/1944	1.65 4/1944	1.70 4/1944	2.31 18/1947	2.34 18/1947	2.44 18-19/1947
Aug.	Amt. Date	2.10 2/1943	2.50 2/1943	2.75 2/1943	2.97 2/1943	2.97 2/1943	3.57 4-5/1946
Sep.	Amt. Date	1.24 2/1941	1.43 2/1941	1.60 5/1949	1.70 5/1949	2.00 2/1950	2.79 4-5/1949
Oct.	Amt. Date	1.05 2/1941	1.25 11/1948	1.59 11/1948	2.45 10-11/1948	2.70 10-11/1948	2.72 10-11/1948
Nov.	Amt. Date	1.55 7/1943	1.75 7/1943	1.93 7/1943	2.51 7/1943	3.69 7/1943	3.92 7/1943
Dec.	Amt. Date	1.70 27/1942	2.90 27/1942	3.80 27/1942	5.69 27/1942	7.26 27-28/1942	7.56 27-28/1942
Annual	Amt. Date	2.10 8/2/43	3.05 3/25/45	4.30 3/25/45	6.01 3/25/45	7.26 12/27-28/42	7.56 12/27-28/42

Station: DADEVILLE, ALABAMA

Drainage basin: TALLAPOOSA

County: TALLAPOOSA

Lat. 32° 50'N Long. 85° 46'W

Elev.(ft.) 730

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.10 20/1947	1.40 20/1947	1.60 20/1947	1.66 20/1947	1.99E 14-15/1944	3.10 5-6/1946
Feb.	Amt. Date	0.60 7/1948	0.94 7/1948	1.20 7/1948	1.62 7/1948	2.18 7/1948	2.73 7-8/1948
Mar.	Amt. Date	0.70 20/1942	1.05 20/1942	1.36 23/1948	2.04 23/1948	2.65 20-21/1942	3.62 20-21/1942
Apr.	Amt. Date	1.84 25/1945	2.00 25/1945	2.24 25/1945	3.16 24-25/1945	5.08 24-25/1945	5.13 24-25/1945
May	Amt. Date	1.18 19/1950	1.54 19/1950	1.73 19/1950	2.21 19/1950	2.30 19/1950	2.30 19/1950
Jun.	Amt. Date	1.56 1/1946	1.76 1/1946	2.06 18/1943	3.66 1/1946	4.40 1/1946	4.50 1/1946
Jul.	Amt. Date	1.80 10/1948	2.37 10/1948	2.56 9-10/1948	3.18 9-10/1948	4.12 9-10/1948	4.76 9-10/1948
Aug.	Amt. Date	1.00 17/1945	1.64 14/1941	1.72 14/1941	1.89 14/1941	1.91 14/1941	2.57 16-17/1945
Sep.	Amt. Date	1.21 24/1940	1.41 24/1940	1.42 24/1940	1.43 24/1940	1.63 24/1940	2.42E 10-11/1944
Oct.	Amt. Date	1.28 16/1949	1.47 16/1949	1.47 16/1949	1.47 16/1949	1.47 16/1949	1.74 16/1949
Nov.	Amt. Date	0.88 26/1948	1.62 26/1948	2.04 26/1948	3.22 26/1948	4.42 26/1948	4.54 26-27/1948
Dec.	Amt. Date	0.68 28/1942	1.32 28/1942	1.52 28/1942	2.05 28/1942	2.79 22-23/1941	3.74 22-23/1941
Annual	Amt. Date	1.84 4/25/45	2.37 7/10/48	2.56 7/9-10/48	3.66 6/1/46	5.08 4/24-25/45	5.13 4/24-25/45

Station: DOTHAN CAA APT, ALABAMA

Drainage basin: CHOCTAWHATCHEE

County: HOUSTON

Lat. 31° 14' N Long. 85° 26' W

Elev.(ft.) 322

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.39 27/1942	1.40 27/1942	1.40 ^a 27/1942	1.61 5/1949	1.66 5/1949	2.04 21-22/1945
Feb.	Amt. Date	1.15 6/1946	1.40 6/1946	1.72 19/1946	2.55 19/1946	2.72 19/1946	2.75 18-19/1946
Mar.	Amt. Date	1.77 7/1947	2.03 7/1947	2.85 7/1947	3.56 7/1947	3.64 7/1947	4.98 6-7/1944
Apr.	Amt. Date	1.62 21/1944	2.10 24/1946	2.40 24/1946	2.91 24/1946	4.38 24-25/1946	4.80 24-25/1946
May	Amt. Date	1.53 12/1942	1.83 12/1942	1.90 12-13/1942	2.22 21/1947	2.62 21/1947	2.99 20-21/1947
Jun.	Amt. Date	3.28 22/1949	3.60 22/1949	3.65 22/1949	3.67 22/1949	3.86 22/1949	3.92 22/1949
Jul.	Amt. Date	1.73 15/1949	1.85 15/1949	1.85 15/1949	2.58 9/1948	4.39 9/1948	6.75 9-10/1948
Aug.	Amt. Date	1.62 7/1947	2.48 7/1942	2.54 7/1942	2.56 7/1942	3.34 30-31/1950	3.61 30-31/1950
Sep.	Amt. Date	1.27 13/1945	1.97 13/1945	2.29 13/1945	2.72 13/1945	3.39 13/1945	3.72 13-14/1945
Oct.	Amt. Date	0.82 11/1948	1.04 11/1948	1.16 11/1948	1.59 11/1948	1.62 11/1948	1.62 11/1948
Nov.	Amt. Date	2.00 19/1948	2.61 19/1948	3.06 19/1948	3.45 19/1948	3.47 19/1948	3.47 19/1948
Dec.	Amt. Date	1.48 25/1945	2.05 25/1945	2.60 25/1945	2.72 25/1945	3.20 24-25/1945	3.96 24-25/1945
Annual	Amt. Date	3.28 6/22/49	3.60 6/22/49	3.65 6/22/49	3.67 6/22/49	4.39 7/9/48	6.75 7/9-10/48

^a Also 5/1949.

Station: EUTAW LOCK 7, ALABAMA

Drainage basin: BLACK WARRIOR

County: GREENE

Lat. 32° 47' N Long. 87° 50' W

Elev.(ft.) 114

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.27 7/1946	1.59 5/1946	1.73 5/1946	1.80 5/1946	2.06 19/1947	2.95 19-20/1947
Feb.	Amt. Date	1.04 28/1944	1.54 28/1944	1.56 28/1944	2.00 4/1945	2.64 4-5/1945	3.07 4-5/1945
Mar.	Amt. Date	1.30 21/1942	1.68 21/1942	1.96 20-21/1942	2.35 20-21/1942	3.52 20-21/1942	3.76 20-21/1942
Apr.	Amt. Date	1.40 11/1944	1.92 11/1944	3.09 11/1944	3.10 11/1944	3.10 11/1944	3.10 11/1944
May	Amt. Date	1.29 1/1949	1.74 1/1949	1.98 1/1949	2.48 1/1949	2.56 1/1949	3.07 1-2/1949
Jun.	Amt. Date	1.15 17/1942	1.45 20/1947	1.58 8/1942	1.70 20/1947	1.84 22/1947	1.84 22/1947
Jul.	Amt. Date	1.49 23/1945	1.98 3/1942	2.01 3/1942	2.02 3/1942	2.06 18-19/1947	3.26 18-19/1947
Aug.	Amt. Date	2.10 27/1944	3.60 27/1944	3.63 27/1944	3.64 27/1944	4.19 1/1941	4.81 1-2/1941
Sep.	Amt. Date	1.60 5/1949	2.95 5/1949	3.55 5/1949	4.75 5/1949	5.37 5/1949	5.53 4-5/1949
Oct.	Amt. Date	1.02 13/1949	1.03 13/1949	1.08 30/1949	1.30 22/1945	1.53 22/1945	1.74 25-26/1942
Nov.	Amt. Date	0.92 7/1943	1.55 19/1948	1.65 19/1948	2.29 26/1948	3.50 26/1948	3.83 26/1948
Dec.	Amt. Date	1.20 27/1942	1.73 27/1942	2.10 27/1942	2.73 27/1942	3.98 27-28/1942	4.19 27-28/1942
Annual	Amt. Date	2.10 8/27/44	3.60 8/27/44	3.63 8/27/44	4.75 9/5/49	5.37 9/5/49	5.53 9/4-5/49

Station: FLAT ROCK, ALABAMA

Drainage basin: TENNESSEE

County: JACKSON

Lat. 34° 46'N Long. 85° 41'W

Elev.(ft.) 1380

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.12 1/1948	1.18 1/1948	1.54 7/1946	1.80 7/1946	2.61 7-8/1946	3.42 4-5/1949
Feb.	Amt. Date	0.82 26/1944	1.08 26/1944	1.39 9/1946	1.90 9/1946	2.95 12/1948	4.43 11-12/1948
Mar.	Amt. Date	0.87 17/1942	1.34 27/1950	1.62 27/1950	1.81 27/1950	2.05 16/1948	2.24 28/1946
Apr.	Amt. Date	0.72 ^a 11/1944	1.32 11/1944	1.52 11/1944	2.74 11/1944	2.80 11/1944	2.96 11/1944
May	Amt. Date	1.52 3/1946	1.70 3/1946	1.80 30/1949	2.01 30/1949	2.07 30/1949	2.11 19-20/1942
Jun.	Amt. Date	1.54 29/1948	1.74 30/1942	1.74 30/1942	2.12 2-3/1950	2.22 2-3/1950	2.29 29-30/1948
Jul.	Amt. Date	1.93 19/1943	2.12 19/1943	2.15 19/1943	2.15 19/1943	2.18 19/1943	2.39 4-5/1941
Aug.	Amt. Date	1.10 29/1946	1.75 29/1946	2.05 29/1946	2.36 29/1946	2.66 29/1946	2.66 29/1946
Sep.	Amt. Date	1.11 9/1946	1.22 29/1944	1.45 29/1944	2.04 7/1950	2.98 7/1950	3.29 7-8/1950
Oct.	Amt. Date	0.78 30/1949	1.31 30/1949	1.70 30/1949	2.45 30/1949	2.96 30/1949	3.72 30/1949
Nov.	Amt. Date	1.00 19/1948	1.61 19/1948	1.79 19/1948	2.51 28/1948	3.80 28/1948	4.32 27-28/1948
Dec.	Amt. Date	0.79 28/1942	1.21 28/1942	1.65 28/1942	3.12 27-28/1942	4.64 27-28/1942	5.54 27-28/1942
Annual	Amt. Date	1.93 7/19/43	2.12 7/19/43	2.15 7/19/43	3.12 12/27-28/42	4.64 12/27-28/42	5.54 12/27-28/42

a Also 8/1946.

Station: FORT MORGAN, ALABAMA

Drainage basin: GULF OF MEXICO

County: BALDWIN

Lat. 30° 14'N Long. 88° 01'W

Elev.(ft.) 10

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.86 5/1946	1.21 21/1945	1.57 21/1945	1.86 6/1945	2.10E 21-22/1945	3.00 6/1945
Feb.	Amt. Date	1.79 18/1949	2.53 18/1949	2.95 18/1949	3.60 15/1942	5.12 15/1942	6.00 15-16/1942
Mar.	Amt. Date	2.00 22/1949	2.70 6/1948	3.09 6/1948	3.99 6/1948	5.30 6/1948	7.68 5-6/1948
Apr.	Amt. Date	2.92 20/1944	4.47 20/1944	5.07 20/1944	5.34 20/1944	5.53 20/1944	5.53 20/1944
May	Amt. Date	1.88 20/1946	2.34 20/1946	2.51 20/1946	2.80 20/1946	3.31 20/1946	3.34 20/1946
Jun.	Amt. Date	2.05 16/1940	2.95 30/1941	3.05 30/1941	3.78 30/1941	4.09 29/1946	4.73 21-22/1942
Jul.	Amt. Date	2.49 22/1949	3.01 22/1949	3.49 22/1949	4.33 22/1949	4.61 22/1949	6.88 22-23/1949
Aug.	Amt. Date	1.90 10/1944	2.38 16/1947	2.89 16/1947	3.20 16/1947	5.42 30/1950	8.83 30/1950
Sep.	Amt. Date	2.20 10/1944	3.91 10/1944	5.80 10/1944	8.30 10/1944	8.91 9-10/1944	10.14 9-10/1944
Oct.	Amt. Date	1.67 11/1946	1.77 11/1946	1.77 11/1946	2.53 4-5/1945	2.92 4-5/1945	3.60 4-5/1945
Nov.	Amt. Date	1.55 11/1947	2.08 7/1943	2.90 7/1943	3.44 7/1943	5.59 10-11/1947	5.74 10-11/1947
Dec.	Amt. Date	1.36 15/1947	2.28 3/1950	2.42 2-3/1950	2.45 2-3/1950	3.04 3/1950	3.20 2-3/1950
Annual	Amt. Date	2.92 4/20/44	4.47 4/20/44	5.80 9/10/44	8.30 9/10/44	8.91 9/9-10/44	10.14 9/9-10/44

Station: FORT PAYNE, ALABAMA

Drainage basin: COOSA

County: DE KALB

Lat. 34° 26'N Long. 85° 43'W

Elev.(ft.) 879

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.93 26/1950	1.32 5/1946	1.42 5/1946	2.26 7/1946	2.72 7-8/1946	4.14 4-5/1949
Feb.	Amt. Date	1.52 26/1944	1.80 26/1944	1.91 26/1944	2.17 26/1944	2.38 8-9/1946	3.55 9-10/1946
Mar.	Amt. Date	0.79 22/1948	1.03 22/1948	1.36 22/1948	1.75 22/1948	2.39 20-21/1942	2.88 27-28/1946
Apr.	Amt. Date	0.88 11/1947	0.99 2/1945	1.14 1-2/1945	1.20 1-2/1945	1.53 18/1943	2.57 18-19/1943
May	Amt. Date	1.06 24/1946	1.19 24/1946	1.22 1/1949	1.66 31-1/1946	2.02 31-1/1946	2.64 31-1/1946
Jun.	Amt. Date	1.76 9/1944	3.13 9/1944	3.19 9/1944	3.20 9/1944	3.20 9/1944	3.20 9/1944
Jul.	Amt. Date	1.45 11/1941	2.03 11/1941	2.07 11/1941	2.24 11/1941	2.24 11/1941	2.72 13-14/1945
Aug.	Amt. Date	0.80 4/1945	1.32E 1/1943	1.98E 1/1943	2.84 1/1943	3.38 1/1943	3.47 1-2/1943
Sep.	Amt. Date	1.18 9/1948	1.40 9/1948	1.40 9/1948	1.98 1/1950	2.50 1/1950	3.12 7-8/1950
Oct.	Amt. Date	1.06 27/1941	1.40 27/1941	1.70 27/1941	2.20 27/1941	2.20 27/1941	2.25 30/1949
Nov.	Amt. Date	1.41 19/1948	1.62 19/1948	1.79 19/1948	2.69 19/1948	4.28 28/1948	4.71 27-28/1948
Dec.	Amt. Date	0.88 28/1942	1.10 28/1942	1.36 28/1942	2.23 27-28/1942	3.25 27-28/1942	3.81 27-28/1942
Annual	Amt. Date	1.76 6/9/44	3.13 6/9/44	3.19 6/9/44	3.20 6/9/44	4.28 11/28/48	4.71 11/27-28/48

Station: GARDEN CITY, ALABAMA

Drainage basin: BLACK WARRIOR

County: CULLMAN

Lat. 34° 00'N Long. 86° 44'W

Elev.(ft.) 500

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.96 26/1950	1.55 4/1949	2.17 4/1949	3.06 4/1949	3.68 4-5/1949	4.56 4-5/1949
Feb.	Amt. Date	0.83 26/1944	1.08 26/1944	1.39 9/1946	2.41 9/1946	2.80 9/1946	4.30 9-10/1946
Mar.	Amt. Date	1.30 26/1944	1.93 12/1950	2.08 12/1950	2.97 12/1950	4.21 12/1950	7.03 12-13/1950
Apr.	Amt. Date	1.00 11/1944	1.52 11/1944	1.97 11/1944	2.09 11/1944	2.10 11/1944	2.27 11/1944
May	Amt. Date	1.00 29/1947	1.33 29/1947	1.46 29/1947	1.49 1/1949	1.51 4-5/1944	1.78 31-1/1946
Jun.	Amt. Date	1.58 30/1942	1.88 15/1948	1.94 15/1948	2.20 2/1947	2.46 15-16/1948	2.60 15-16/1948
Jul.	Amt. Date	1.39 14/1950	2.01 9/1949	2.02 9/1949	2.23 31-1/1941	3.92 31-1/1941	4.17 31-1/1941
Aug.	Amt. Date	1.25 1/1941	1.51 12/1941	1.65 29/1950	2.23 31-1/1941	3.92 31-1/1941	4.17 31-1/1941
Sep.	Amt. Date	1.05 21/1944	1.40 20/1943	1.53 20/1943	2.40 9/1946	2.46 9/1946	2.72 22-23/1946
Oct.	Amt. Date	0.92 29/1940	1.47 29/1940	1.73 29/1940	1.84 29/1940	2.80 30/1949	3.48 30/1949
Nov.	Amt. Date	1.65 19/1948	1.87 19/1948	2.23 28/1948	3.11 28/1948	4.09 27-28/1948	4.30 27-28/1948
Dec.	Amt. Date	1.55 27/1942	2.65 27/1942	3.30 27/1942	4.24 27/1942	5.95 27-28/1942	6.90 27-28/1942
Annual	Amt. Date	1.65 11/19/48	2.65 12/27/42	3.30 12/27/42	4.24 12/27/42	5.95 12/27-28/42	7.03 12/12-13/50

Station: GREENVILLE, ALABAMA

Drainage basin: CONECH

County: BUTLER

Lat. 31° 50'N Long. 86° 38'W

Elev.(ft.) 420

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.10 6/1946	2.18 6/1946	2.33 6/1946	3.02 6/1946	3.86 5-6/1946	6.14 5-6/1946
Feb.	Amt. Date	1.04 23/1944	1.07 23/1944	1.12 18/1946	1.42 18-19/1946	1.81 18-19/1946	1.81 18-19/1946
Mar.	Amt. Date	1.63 2/1948	1.88 21/1942	2.05 31/1949	2.50 21/1942	4.08 28-29/1944	4.97 28-29/1944
Apr.	Amt. Date	1.44 26/1944	2.77 26/1944	3.17 26/1944	3.82 26/1944	5.95 26/1944	6.06 25-26/1944
May	Amt. Date	1.32 30/1944	1.37 17-18/1946	1.69 19-20/1946	2.52 19-20/1946	2.68 19-20/1946	3.20 19-20/1946
Jun.	Amt. Date	1.70 1/1946	2.49 1/1946	3.24 1/1946	3.80 1/1946	4.32 1/1946	4.50 1/1946
Jul.	Amt. Date	2.61 13/1945	4.22 13/1945	4.63 13/1945	4.68 13/1945	4.68 13/1945	6.22 12-13/1945
Aug.	Amt. Date	2.15 2/1945	2.85 2/1945	2.85 2/1945	2.85 2/1945	3.25 30-31/1950	3.27 30-31/1950
Sep.	Amt. Date	1.08 22/1946	1.18 22/1946	1.50 24/1946	2.59 24/1946	3.14 10/1944	3.60 23-24/1946
Oct.	Amt. Date	1.08 3/1948	1.64 3/1948	1.64 3/1948	1.78 7/1944	2.30 7/1944	2.30 7/1944
Nov.	Amt. Date	1.54 26/1948	2.54 19/1948	3.00 7/1943	4.98 7/1943	6.00 7/1943	6.63 7-8/1943
Dec.	Amt. Date	1.28 15/1940	2.15 15-16/1940	2.81 15-16/1940	2.96 15-16/1940	4.35 22-23/1941	5.65 22-23/1941
Annual	Amt. Date	2.61 7/13/45	4.22 7/13/45	4.63 7/13/45	4.98 11/7/43	6.00 11/7/43	6.63 11/7-8/43

Station: GUNTERSVILLE, ALABAMA

Drainage basin: TENNESSEE

County: MARSHALL

Lat. 34° 22'N Long. 86° 17'W

Elev.(ft.) 610

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.88 5/1949	1.25 5/1949	1.59 7/1946	2.81 7/1946	3.70 4-5/1949	4.92 4-5/1949
Feb.	Amt. Date	0.80 26/1944	1.51 26/1944	1.75 26/1944	1.98 26/1944	3.18 8-9/1946	4.01 8-9/1946
Mar.	Amt. Date	0.97 ^a 6/1944	1.47 6/1944	1.51 6/1944	1.93 28/1946	2.59 28/1946	3.62 12-13/1950
Apr.	Amt. Date	1.15 12/1943	1.32 12/1943	1.55 11/1944	2.40 11/1944	2.43 11/1944	2.43 11/1944
May	Amt. Date	1.02 22/1941	1.23 23-24/1946	1.24 23-24/1946	1.50 15/1946	1.65 15/1946	1.72 15-16/1946
Jun.	Amt. Date	1.60 8/1950	2.10 8/1950	2.11 8/1950	2.94 3-4/1950	3.05 3-4/1950	3.14 3-4/1950
Jul.	Amt. Date	2.00 26/1948	3.10 9/1946	3.92 9/1946	5.30 9/1946	6.02 9/1946	6.73 8-9/1946
Aug.	Amt. Date	2.10 2/1949	2.38 2/1949	2.49 2/1949	3.09 31-1/1941	3.28 31-1/1941	3.50 31-1/1941
Sep.	Amt. Date	1.30 10/1946	1.87 10/1946	1.94 20/1943	2.49 10/1946	2.94 10/1946	3.05 9-10/1946
Oct.	Amt. Date	1.40 16/1949	1.93 30/1949	2.53 30/1949	3.49 30/1949	3.84 30/1949	5.11 30/1949
Nov.	Amt. Date	1.22 28/1948	2.00 19/1948	2.44 28/1948	3.46 28/1948	4.68 28-29/1948	4.98 27-28/1948
Dec.	Amt. Date	0.85 27/1942	1.37 27-28/1942	1.77 27-28/1942	2.59 27-28/1942	4.69 27-28/1942	6.08 27-28/1942
Annual	Amt. Date	2.10 8/2/49	3.10 7/9/46	3.92 7/9/46	5.30 7/9/46	6.02 7/9/46	6.73 7/8-9/46

a. Also 28/1946.

Station: **HALEYVILLE, ALABAMA**

Drainage basin: **BLACK WARRIOR**

County: **WINSTON**

Lat. **34° 14' N** Long. **87° 38' W**

Elev.(ft.) **947**

Period of record: **1940-1950**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.48 7/1946	1.83 4/1949	2.30 7/1946	3.23 7/1946	4.31 4-5/1949	5.44 4-5/1949
Feb.	Amt. Date	1.00 27/1944	1.32 27/1944	1.76 12/1945	3.00 12/1948	3.73 11-12/1948	4.30 11-12/1948
Mar.	Amt. Date	1.96 16/1942	2.14 16/1942	2.25 6/1944	2.36 6/1944	2.79 28/1944	3.47 12-13/1950
Apr.	Amt. Date	1.05 11/1947	1.68 11/1944	1.78 11/1947	2.06 11/1947	2.08 11/1947	2.08 11/1947
May	Amt. Date	1.05 23/1946	1.18 12/1950	1.31 12/1950	1.32 12/1950	1.49 12/1950	2.02 22-23/1940
Jun.	Amt. Date	1.32 14/1946	1.92 21/1949	2.30 21/1949	2.95 21/1949	3.37 21/1949	3.67 20-21/1949
Jul.	Amt. Date	1.54 14/1943	2.89 14/1943	2.90 14/1943	2.90 14/1943	2.90 14/1943	4.23 14-15/1950
Aug.	Amt. Date	1.59 29/1940	1.92 29/1940	1.98 6/1946	2.75 8/1942	2.75 8/1942	3.31 26-27/1944
Sep.	Amt. Date	1.17a 4/1943	1.80 9/1946	1.88 9/1946	2.25 9/1946	2.50 9/1946	3.36 5-6/1949
Oct.	Amt. Date	0.90 29/1940	1.05 28/1941	1.37 28/1941	1.61 28/1941	1.62 28/1941	1.62 28/1941
Nov.	Amt. Date	1.34 18/1945	1.46 18/1945	1.55 17/1946	2.05 18-19/1948	2.62 27-28/1948	2.75 27-28/1948
Dec.	Amt. Date	0.77 27/1942	1.10 27/1942	1.39 27/1942	2.19 27/1942	3.14 27-28/1942	3.66 27-28/1942
Annual	Amt. Date	1.96 3/16/42	2.89 7/14/43	2.90 7/14/43	3.23 1/7/46	4.31 1/4-5/49	5.44 1/4-5/49

a Also 9/1946.

Station: JACKSON LOCK 1, ALABAMA

Drainage basin: TOMBIGBEE

County: CLARKE

Lat. 31° 33'N Long. 88° 01'W

Elev.(ft.) 10

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.75 3/1942	1.30 7/1943	1.55 7/1943	1.90 7/1943	2.03 7/1943	2.15 19-20/1947
Feb.	Amt. Date	0.97 6/1946	1.35 18/1946	1.60 18/1946	1.95 18/1946	2.25 5-6/1946	2.25 5-6/1946
Mar.	Amt. Date	1.93 6/1946	2.60 21/1943	3.24 21/1943	4.35 20-21/1943	5.95 20-21/1943	6.85 20-21/1943
Apr.	Amt. Date	1.51 1/1945	1.87 30/1949	2.22 1/1947	3.06 1/1947	4.30 25-26/1944	5.45 25-26/1944
May	Amt. Date	1.44 27/1947	2.12 13/1942	2.35 13/1942	2.80 19-20/1946	3.65 19-20/1946	4.39 19-20/1946
Jun.	Amt. Date	1.11 17/1942	2.14 17/1942	2.26 17/1942	2.75E 30-1/1941	5.50 30-1/1941	5.93 30-1/1941
Jul.	Amt. Date	3.36 1/1941	4.07 1/1941	4.49 1/1941	4.62 1/1941	5.50 30-1/1941	5.93 30-1/1941
Aug.	Amt. Date	1.20 13/1948	1.65 13/1948	1.79 13/1948	2.18 1/1946	2.55 1/1946	2.61 31-1/1946
Sep.	Amt. Date	2.26 15/1947	2.34 15/1947	2.46 10/1944	3.52 10/1944	4.13 10/1944	4.20 10/1944
Oct.	Amt. Date	1.22 2/1941	2.11 2/1941	2.19 2/1941	2.31 25/1945	4.34 2-3/1941	4.66 2-3/1941
Nov.	Amt. Date	1.37 7/1943	2.51 26/1948	3.10 10-11/1947	4.12 26/1948	6.74 26/1948	8.07 26/1948
Dec.	Amt. Date	1.48 29/1948	1.85 29/1948	2.17 27/1942	3.24 9/1947	5.47 9-10/1947	6.40 22-23/1941
Annual	Amt. Date	3.36 7/1/41	4.07 7/1/41	4.49 7/1/41	4.62 7/1/41	6.74 11/26/48	8.07 11/26/48

Station: JACKSONVILLE, ALABAMA

Drainage basin: COOSA

County: CALHOUN

Lat. 33° 49'N Long. 85° 45'W

Elev.(ft.) 710

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.55 6/1950	0.94 19-20/1947	1.16 19-20/1947	2.02 19-20/1947	2.80 19-20/1947	3.23 19-20/1947
Feb.	Amt. Date	0.70 6/1946	1.00 16/1942	1.36 10/1946	2.19 9-10/1946	3.10 9-10/1946	3.85 9-10/1946
Mar.	Amt. Date	1.00 22/1948	1.50 22/1948	1.73 22/1948	2.13 22-23/1948	2.56 20-21/1942	2.82 27-28/1946
Apr.	Amt. Date	1.15 25/1950	1.67 25/1950	1.78 25/1950	1.80 25/1950	1.84 18/1943	2.70 18/1943
May	Amt. Date	1.42 2/1950	1.54 ^a 21/1945	1.78 12/1945	2.07 12/1945	3.98 31-1/1946	4.40 31-1/1946
Jun.	Amt. Date	1.26 1/1946	2.26 1/1946	3.20 1/1946	3.82 1/1946	4.26 1/1946	4.48 1/1946
Jul.	Amt. Date	2.23 12/1948	2.25 12/1948	2.26 12/1948	2.26 12/1948	2.97 10/1948	3.59 9-10/1948
Aug.	Amt. Date	1.36 19/1942	1.56 19/1942	1.66 19-20/1942	1.76 19-20/1942	2.15 19-20/1942	2.97 19-20/1942
Sep.	Amt. Date	1.07 1/1950	1.53 1/1950	1.90 1/1950	1.95 1/1950	2.17 1/1950	2.43 1/1950
Oct.	Amt. Date	1.36 12/1944	2.06 12/1944	2.09 12-13/1944	2.12 12-13/1944	2.15 12-13/1944	2.26 30/1949
Nov.	Amt. Date	1.36 28/1948	2.16 28/1948	2.82 28/1948	3.42 28/1948	4.56 28/1948	4.87 28/1948
Dec.	Amt. Date	1.30 28/1942	2.12 28/1942	2.46 28/1942	3.12 28/1942	3.60 28/1942	3.96 ^E 28-29/1942
Annual	Amt. Date	2.23 7/12/48	2.26 6/1/46	3.20 6/1/46	3.82 6/1/46	4.56 11/28/48	4.87 11/28/48

a Also 2/1950

Station: LAY DAM, ALABAMA

Drainage basin: COOSA

County: COOSA

Lat. 32° 58'N Long. 86° 31'W

Elev.(ft.) 420

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.31 6/1946	1.72 6/1946	1.92 6/1946	2.46 6/1946	2.81 6/1946	3.94 5-6/1946
Feb.	Amt. Date	0.82 9/1950	1.04 9/1950	1.22 20/1947	1.88 9/1950	2.48 9/1950	2.75 4-5/1945
Mar.	Amt. Date	1.37 22/1948	1.95 22/1948	2.84 22/1948	3.99 22-23/1948	4.10 22-23/1948	4.80 22-23/1948
Apr.	Amt. Date	1.39 26/1944	1.75 ^E 24/1945	2.62 24/1945	2.85 24/1945	3.14 24-25/1945	3.69 26/1944
May	Amt. Date	1.94 28/1948	1.98 28/1948	2.01 28/1948	2.20 2/1950	2.22 11-12/1945	2.47 11-12/1945
Jun.	Amt. Date	2.68 12/1942	4.27 12/1942	5.78 12/1942	8.09 12/1942	8.74 12/1942	9.18 12/1942
Jul.	Amt. Date	3.27 8/1948	4.39 8/1948	4.65 3-4/1940	8.05 3-4/1940	8.16 3-4/1940	9.21 3-4/1940
Aug.	Amt. Date	1.71 4/1948	2.51 ^a 5/1943	2.92 4/1948	3.19 4/1948	3.94 5/1943	3.94 5/1943
Sep.	Amt. Date	1.65 19/1949	2.49 10/1946	2.66 10/1946	2.85 10/1946	2.85 10/1946	2.85 10/1946
Oct.	Amt. Date	0.94 22/1945	1.05 22/1945	1.25 22/1945	1.65 22/1945	1.70 22/1945	1.70 22/1945
Nov.	Amt. Date	1.39 19/1948	1.64 19/1948	1.97 19/1948	2.14 19/1948	2.45 7/1943	2.68 7-8/1943
Dec.	Amt. Date	1.45 28/1942	2.27 28/1942	2.77 28/1942	3.18 28/1942	3.53 27-28/1942	3.68 27-28/1942
Annual	Amt. Date	3.27 7/8/48	4.39 7/8/48	5.78 6/12/42	8.09 6/12/42	8.74 6/12/42	9.21 7/3-4/40

a Also 4/1948.

Station: MAGNOLIA, ALABAMA

Drainage basin: ALABAMA

County: MARENGO

Lat. 32° 08'N Long. 87° 39'W

Elev.(ft.) 185

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.95 30/1942	1.07a 30/1942	1.48 19/1947	2.10 19/1947	2.69 19-20/1947	3.08 19-20/1947
Feb.	Amt. Date	0.90 10/1950	1.30b 16/1949	1.88 16/1949	2.68 16/1949	3.43 15-16/1949	3.94 15-16/1949
Mar.	Amt. Date	1.56 25/1945	2.97 25/1945	3.67 25/1945	4.78 25/1945	5.63 25-26/1945	5.63 25-26/1945
Apr.	Amt. Date	2.00 11/1946	2.97 30/1950	2.97 30/1950	3.45 30/1940	4.34 30/1940	6.19 30-1/1950
May	Amt. Date	1.70 25/1947	2.49 1/1950	2.89 1/1950	3.20 1/1950	3.23 1/1950	6.19 30-1/1950
Jun.	Amt. Date	1.74 29/1948	1.76 29/1948	1.91 16/1940	2.50 16/1940	2.54 16/1940	2.59c 16/1940
Jul.	Amt. Date	2.46 4/1941	3.01 4/1941	3.06 4/1941	3.15 4/1941	3.18 4/1941	3.52 4-5/1941
Aug.	Amt. Date	1.65 14/1945	2.73 14/1944	3.75 14/1944	5.07 14/1944	5.40 14/1944	5.48 14/1944
Sep.	Amt. Date	1.56 19/1949	2.92 19/1949	3.01 19/1949	3.03 19/1949	3.03 19/1949	3.03 19/1949
Oct.	Amt. Date	1.07 22/1945	1.24 22/1945	1.47 22/1945	2.58 22/1945	3.06 22/1945	3.06 22/1945
Nov.	Amt. Date	1.12 17/1946	1.96 14/1947	2.19 14/1947	2.32 14-15/1947	2.96 26/1948	3.51 26/1948
Dec.	Amt. Date	1.24 13/1940	1.75 22-23/1941	1.99 22-23/1941	2.98 22-23/1941	4.45 22-23/1941	4.77 22-23/1941
Annual	Amt. Date	2.46 7/4/41	3.01 7/4/41	3.75 8/14/44	5.07 8/14/44	5.63 3/25-26/45	6.19 4/30- 5/1/50

a Also 2/1944. b Also 10/1950. c Also 17-18/1945.

Station: MARION, ALABAMA

Drainage basin: CAHABA

County: PERRY

Lat. 32° 37' N Long. 87° 18' W

Elev.(ft) 263

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.80 18/1949	0.92 19/1947	1.13 19/1947	1.79 19/1947	2.20 19-20/1947	3.79 18-19/1947
Feb.	Amt. Date	1.40 20/1947	1.82 20/1947	2.10 19-20/1947	2.57 19-20/1947	2.83 19-20/1947	2.83 19-20/1947
Mar.	Amt. Date	2.56 25/1945	3.93 25/1945	4.69 25/1945	5.59 25/1945	6.63 25-26/1945	6.67 25-26/1945
Apr.	Amt. Date	1.90 18/1943	3.03 18/1943	3.50 18/1943	4.46 18/1943	4.81 18/1943	4.91 18/1943
May	Amt. Date	1.41 23/1949	1.55 23/1949	1.74 28/1948	2.77 19/1947	2.81 28/1948	3.34 19-20/1947
Jun.	Amt. Date	1.38 15/1948	2.00 20-21/1946	2.00 20-21/1946	2.00 20-21/1946	2.00a 20-21/1946	2.67 15-16/1948
Jul.	Amt. Date	1.68 11/1949	2.32 11/1949	2.33 11/1949	2.49 20/1943	2.72 20/1943	3.29 19-20/1943
Aug.	Amt. Date	1.63 6/1941	1.83b 6/1941	2.01 6/1941	2.09 6/1941	2.09 6/1941	2.38 1-2/1948
Sep.	Amt. Date	1.72 5/1949	2.04 5/1949	2.34 5/1949	2.61 5/1949	3.23 5/1949	3.56 4-5/1949
Oct.	Amt. Date	1.15 22/1945	1.26 22/1945	1.50 22/1945	1.99 22/1945	2.36 22/1945	2.36 22/1945
Nov.	Amt. Date	0.91 5/1948	1.20 10/1947	1.53 10/1947	2.37 10-11/1947	2.73 10-11/1947	3.09 10-11/1947
Dec.	Amt. Date	1.64 27/1942	3.19 27/1942	4.51 27/1942	7.21 27/1942	8.34 27-28/1942	8.45 27-28/1942
Annual	Amt. Date	2.56 3/25/45	3.93 3/25/45	4.69 3/25/45	7.21 12/27/42	8.34 12/27-28/42	8.45 12/27-28/42

a Also 22/1947. b also 1/1948.

Station: MIDWAY, ALABAMA

Drainage basin: CATAHOOCHEE

County: BULLOCK

Lat. 32° 04' N Long. 85° 32' W

Elev.(ft.) 490

Period of record: 1940-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	1.03 18/1943	1.88 18/1943	2.52 18/1943	2.76 18/1943	2.89 18/1943	3.45 18-19/1943	
Feb.	1.27 8/1950	1.35 8/1950	1.38a 16/1942	1.72 16/1942	2.27 16-17/1942	2.52 16-17/1942	
Mar.	1.75 16/1943	2.35 16/1943	2.52 16-17/1943	3.97 16-17/1943	4.68 16-17/1943	5.93 16-17/1943	
Apr.	1.42 26/1944	2.25 26/1944	3.03 26/1944	3.62 26/1944	4.22 26/1944	4.43 26/1944	
May	1.33 30/1950	2.36 30/1950	2.49 30/1950	3.21 30/1950	3.21 30/1950	3.21b 19-20/1946	
Jun.	1.44 29/1940	2.09 29/1940	2.37 29/1940	2.88 29/1940	2.90 29/1940	2.90 29/1940	
Jul.	2.52 31/1946	3.27 31/1946	3.35 31/1946	3.35 31/1946	4.01 9/1948	4.92 9-10/1948	
Aug.	2.08 18/1944	2.18 18/1944	2.30 11/1944	2.50 11/1944	2.50 11/1944	3.26 16-17/1942	
Sep.	1.28 2/1947	2.19 25/1941	2.23 25/1941	2.31 25/1941	3.06 27/1948	3.25 27-28/1948	
Oct.	0.65 22/1945	0.83 22/1945	0.99 11/1948	1.27 25/1946	1.48 25/1946	1.48 25/1946	
Nov.	1.52 21/1945	1.83 21/1945	2.01 21/1945	2.30 21/1945	3.19 21/1945	4.13 21/1945	
Dec.	1.41 25/1941	1.67 25/1941	1.71 25/1941	2.03 23/1941	3.52 22-23/1941	4.71 22-23/1941	
Annual	2.52 7/31/46	3.27 7/31/46	3.35 7/31/46	3.97 3/16-17/43	4.68 3/16-17/43	5.93 3/16-17/43	

a Also 8/1950. b Also 30/1950.

Station: MOBILE WB CITY, ALABAMA*

Drainage basin: GULF OF MEXICO

County: MOBILE

Lat. 30° 42' N Long. 88° 02' W

Elev.(ft.) 10

Period of record: 1940-1950 ONLY

Month	Duration (hours)	Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. 1.39 Date 5/1946	1.74 5/1946	1.96 13/1947	2.65 1/1942	4.13 31-1/1942	4.16 31-1/1942	
Feb.	Amt. 1.44 Date 6/1946	1.69 26-27/1949	1.79 6/1946	2.49 26-27/1949	2.55 26-27/1949	3.12 15-16/1942	
Mar.	Amt. 2.12 Date 16/1946	3.22 16/1946	3.22 16/1946	3.47 13/1947	3.95 26/1946	5.96 26-27/1946	
Apr.	Amt. 3.51 Date 21/1949	3.83 21/1949	4.02 21/1949	4.15 21/1949	4.16 21/1949	6.15 21-22/1949	
May	Amt. 2.19 Date 7/1946	2.42 24/1948	2.48 24/1948	2.92 7/1946	3.28 19/1947	4.65 19-20/1947	
Jun.	Amt. 2.84 Date 22/1942	3.93 22/1942	4.39 22/1942	4.98 22/1942	5.70 21-22/1942	6.66 21-22/1942	
Jul.	Amt. 2.17 Date 12/1945	2.79 21/1946	3.65 21/1946	4.67 21/1946	4.69 20-21/1946	4.85 20-21/1946	
Aug.	Amt. 1.91 Date 5/1943	2.34 12/1942	2.67 9/1948	3.12 9/1948	3.19 9/1948	4.27 8-9/1948	
Sep.	Amt. 1.82 Date 24/1940	2.15a 24/1940	2.79 10/1944	4.60 10/1944	6.42 10/1944	7.04 9-10/1944	
Oct.	Amt. 1.65 Date 25/1942	2.30 25/1942	2.35 25/1942	2.39 25/1942	2.41 25/1942	2.63 25-26/1942	
Nov.	Amt. 2.10 Date 4/1941	2.78 7/1943	3.64 7/1943	4.01 7/1943	4.49 7/1943	4.53 7/1943	
Dec.	Amt. 1.82 Date 13/1940	2.45 27-28/1942	3.15 27-28/1942	3.72 27-28/1942	4.13 31-1/1941	4.16 31-1/1941	
Annual	Amt. 3.51 Date 4/21/49	3.93 6/22/42	4.39 6/22/42	4.98 6/22/42	6.42 9/10/44	7.04 9/9-10/44	

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

a Also 10/1944.

March 2-hr, December 1-, and 2-hr are true maxima.

Station: MOBILE WB CITY, ALABAMA

Drainage basin: GULF OF MEXICO

County: MOBILE

Lat. 30° 42'N Long. 88° 02'W

Elev.(ft.) 10

Period of record: 1906-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	2.06 2/1936	3.28 2/1936	3.75 2/1936	4.60 2/1936	5.28 1-2/1936	7.12 1-2/1936
Feb.	Amt. Date	2.33 17/1917	2.74 28/1907	2.99 28/1907	4.54 28/1907	6.40 28/1907	6.42 28/1907
Mar.	Amt. Date	2.32 14/1929	3.22 16/1946	3.97 28/1922	5.96 14/1929	7.29 14/1929	11.59 14-15/1929
Apr.	Amt. Date	3.51 21/1949	3.91 4/1911	4.90 4/1911	8.22 4-5/1911	8.62 4-5/1911	8.91 4-5/1911
May	Amt. Date	2.19 7/1946	2.64 2/1937	2.83 2/1937	3.01 1-2/1937	4.06 19/1932	5.37 19-20/1932
Jun.	Amt. Date	2.84 22/1942	3.93 22/1942	4.39 22/1942	4.98 22/1942	5.70 21-22/1942	6.66 21-22/1942
Jul.	Amt. Date	3.03 19/1922	4.47 19/1922	4.52 19/1922	4.72 7/1910	7.33 15-16/1931	8.06 5-6/1916
Aug.	Amt. Date	2.31 9/1922	2.89 20/1918	3.13 20/1918	3.31 20/1918	3.80E 31-1/1932	7.60 31-1/1932
Sep.	Amt. Date	2.06 6/1906	2.67 6/1906	3.35 1/1932	4.60 10/1944	6.42 10/1944	8.12 20-21/1926
Oct.	Amt. Date	1.95 10/1930	2.35 18/1912	2.87 26/1918	3.78 26-27/1918	5.94 17-18/1937	8.37 17-18/1937
Nov.	Amt. Date	2.29 15/1926	2.85 22/1907	4.04 22/1907	4.76 22/1907	4.84 22/1907	6.18 21-22/1907
Dec.	Amt. Date	1.82 13/1940	2.45 27-28/1942	3.15 27-28/1942	3.72 27-28/1942	4.13 31-1/1941	4.51 22-23/1911
Annual	Amt. Date	3.51 4/21/49	4.47 7/19/22	4.90 4/4/11	8.22 4/4-5/11	8.62 4/4-5/11	11.59 3/14-15/29

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

Station: MONTGOMERY WB CITY, ALABAMA*

Drainage basin: ALABAMA

County: MONTGOMERY

Lat. 32° 23'N Long. 86° 18'W

Elev.(ft.) 201

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.02 10/1950	1.41 14/1944	1.63 14/1944	2.08 14/1944	2.54 14/1944	2.74 14-15/1944
Feb.	Amt. Date	0.87 9/1944	0.93 10/1949	1.15 10/1950	1.39 10/1950	1.61 19-20/1945	2.85 9-10/1950
Mar.	Amt. Date	1.13 2/1948	1.53 22/1944	2.07 22/1944	2.65 22/1944	3.49 22/1944	5.12 20-21/1943
Apr.	Amt. Date	1.60 25/1945	1.76 25/1945	2.38 24/1945	4.13 24-25/1945	4.48 24-25/1945	4.48 24-25/1945
May	Amt. Date	2.36 12/1945	2.58 12/1945	2.65 12/1945	2.68 12/1945	2.73 12/1945	2.97 11-12/1945
Jun.	Amt. Date	1.92 1/1946	3.61 1/1946	5.08 1/1946	6.60 1/1946	7.05 1/1946	7.11 1/1946
Jul.	Amt. Date	2.01 15/1949	3.20 15/1949	3.37 15/1949	3.45 15/1949	3.58 15/1949	4.05 14-15/1949
Aug.	Amt. Date	1.44 19/1949	1.65 19/1949	1.72 2/1943	2.16 2/1943	2.38 1-2/1943	2.70 1-2/1943
Sep.	Amt. Date	1.95 20/1945	2.39 29/1950	3.10 29/1950	4.76 29/1950	4.87 29/1950	4.87 29/1950
Oct.	Amt. Date	1.00 6/1949	1.17 6/1949	1.17 6/1949	1.38 11-12/1946	1.61 6/1949	1.61 6/1949
Nov.	Amt. Date	1.57 28/1948	2.41 19/1948	2.41 19/1948	3.37 26/1948	6.00 26/1948	6.82 26-27/1948
Dec.	Amt. Date	1.85 5/1942	2.42 5/1942	2.52 5/1942	2.71 5-6/1942	3.27 22-23/1941	4.97 22-23/1941
Annual	Amt. Date	2.36 5/12/45	3.61 6/1/46	5.08 6/1/46	6.60 6/1/46	7.05 6/1/46	7.11 6/1/46

*Given for comparative purposes. See next page for complete record.
June 2-hour, November 24-hour and December 1-, and 2-hour are true maxima.

Station: MONTGOMERY WB CITY, ALABAMA

Drainage basin: ALABAMA

County: MONTGOMERY

Lat. 32° 23' N Long. 86° 18' W

Elev.(ft.) 201

Period of record: 1897-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	1.32 12/1932	1.58 11/1918	1.89 11/1918	3.09 16/1925	4.64 15-16/1925	4.75 15-16/1925	
Feb.	1.57 26/1929	2.06 9/1909	2.81 9/1909	3.90 9/1909	4.47 27/1902	5.21 24-25/1929	
Mar.	2.09 9/1909	2.87 9/1909	4.39 9/1909	5.49 9/1909	6.01 8/1919	6.06 8/1919	
Apr.	2.13 14/1912	3.04 24/1908	3.29 24/1908	4.13 24-25/1945	4.48 24-25/1945	4.48 24-25/1945	
May	3.52 30/1905	3.59 30/1905	3.65 7/1929	4.23 7/1929	4.24 7/1929	4.24 7/1929	
Jun.	2.70 15/1921	3.61 1/1946	5.08 1/1946	6.60 1/1946	7.05 1/1946	7.81 4-5/1928	
Jul.	3.81 20/1899	4.00 24/1910	4.48 24/1910	4.74 24/1910	4.75 24/1910	5.73 5-6/1916	
Aug.	2.49 19/1903	3.15 19/1903	3.16 19/1903	3.18 19/1903	4.43 16/1939	7.22 16-17/1939	
Sep.	2.60 1/1937	2.86 1/1937	3.35 1/1937	4.76 29/1950	5.36 1/1937	6.12 28-29/1917	
Oct.	1.82 8/1936	1.84 8/1936	1.84 8/1936	2.41 5/1934	3.44 5/1934	4.74 5-6/1934	
Nov.	3.05 9/1927	4.39 9/1927	5.40 9/1927	6.34 9/1927	6.42 9/1927	6.82 26-27/1948	
Dec.	1.85 5/1942	2.42 5/1942	2.53 17/1915	3.09 22/1920	4.74 9/1919	5.09 28-29/1901	
Annual	3.81 7/20/99	4.39 11/9/27	5.40 11/9/27	6.60 6/1/46	7.05 6/1/46	7.81 6/4-5/28	

All 1-, 2-hr and 24-hr amounts except January 1-, and 24-hr, April 24-hr, September 1-hr and November 2-hr are true maxima.

Station: MOULTON, ALABAMA

Drainage basin: TENNESSEE

County: LAWRENCE

Lat. 34° 29'N Long. 87° 17'W

Elev.(ft.) 630

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.33 7/1946	2.13 7/1946	2.38 7/1946	3.23 7/1946	4.45 7/1946	5.98 4-5/1950
Feb.	Amt. Date	1.11 26/1944	1.40 26/1944	1.47 26/1944	2.10 12/1945	2.97 13-14/1950	3.83 8-9/1946
Mar.	Amt. Date	2.01 16/1942	2.13 16/1942	2.20 16/1942	2.20 16/1942	2.65 16/1948	3.77 12-13/1950
Apr.	Amt. Date	0.77 1/1945	1.44a 1/1945	1.45 1/1945	1.48 1/1945	1.51 1-2/1945	1.66 1/1945
May	Amt. Date	1.03 13/1950	1.56 13/1950	1.93 13/1950	3.22 13-14/1950	3.71 13-14/1950	3.82 13-14/1950
Jun.	Amt. Date	1.60 21/1946	1.88 21/1946	2.09 21/1946	2.13 21/1946	2.71 15/1949	3.47 14-15/1949
Jul.	Amt. Date	1.92 14/1940	2.25 17/1946	2.25 17/1946	2.25 17/1946	2.25 17/1946	3.17E 15-16/1950
Aug.	Amt. Date	2.12 24/1947	2.66 24/1949	2.66 24/1949	2.66 24/1949	3.29 28-29/1950	3.99 28-29/1950
Sep.	Amt. Date	0.93 8/1946	1.80 10/1941	1.96 10/1941	2.00 10/1941	2.40 9/1946	2.46 9-10/1946
Oct.	Amt. Date	0.86 27/1941	1.05 27/1941	1.38 27/1941	1.65 27/1941	1.65 27/1941	1.65 27/1941
Nov.	Amt. Date	1.02 2/1948	1.21 17/1946	1.46 17/1946	1.81 17/1946	2.25 27-28/1948	2.48 27-28/1948
Dec.	Amt. Date	0.75 27/1942	1.10 27/1942	1.38 27/1942	2.05 27/1942	3.05 27/1942	3.69 27-28/1942
Annual	Amt. Date	2.12 8/24/47	2.66 8/24/49	2.66 8/24/49	3.23 1/7/46	4.45 1/7/46	5.98 1/4-5/50

a Also 11/1947.

Station: NEW BROCTON, ALABAMA

Drainage basin: CHOCTAWHATCHEE

County: COFFEE

Lat. 31° 23'N Long. 85° 56'W

Elev.(ft.) 450

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.87 2/1947	1.36 5/1946	1.96 5-6/1946	2.15 5-6/1946	3.46 5-6/1946	3.80 5-6/1946
Feb.	Amt. Date	1.03 19/1946	1.41 19/1946	1.99 19/1946	2.71 18-19/1946	3.16 18-19/1946	3.16 18-19/1946
Mar.	Amt. Date	1.42 21/1943	1.85 28/1946	2.32 28/1946	2.73 7/1947	2.88 27-28/1946	4.05 27-28/1946
Apr.	Amt. Date	1.48 24/1946	2.35 24/1946	3.12 24/1946	3.78 24/1946	4.01 24/1946	4.11 24-25/1946
May	Amt. Date	1.64 17/1946	2.52 14-15/1946	2.60 14-15/1946	2.70 14-15/1946	3.30 17-18/1946	3.94 20-21/1947
Jun.	Amt. Date	1.90 1/1946	3.08 1/1946	3.60 1/1946	4.60 1/1946	4.65 1/1946	4.65 1/1946
Jul.	Amt. Date	1.78 30/1946	2.14 30/1946	2.45 30/1946	3.01 30/1946	3.30 30/1946	3.72 3-4/1942
Aug.	Amt. Date	1.65 1/1943	2.95 9/1941	2.97 9/1941	3.89 6/1946	4.74 6/1946	5.01 6-7/1946
Sep.	Amt. Date	2.60 10/1944	3.02 10/1944	3.37 10-11/1944	3.80 10-11/1944	4.86 10-11/1944	5.55 10-11/1944
Oct.	Amt. Date	1.83 3/1948	2.50 3/1948	2.75 3/1948	2.92 3/1948	3.01 3-4/1948	3.02 3-4/1948
Nov.	Amt. Date	1.54 11/1947	2.63 11/1947	2.88 11/1947	3.23 11/1947	4.14 11/1947	4.25 10-11/1947
Dec.	Amt. Date	2.29 25/1945	3.07 25/1945	3.25 25/1945	3.34 24-25/1945	3.61 24-25/1945	3.99 24-25/1945
Annual	Amt. Date	2.60 9/10/44	3.08 6/1/46	3.60 6/1/46	4.60 6/1/46	4.86 9/10-11/44	5.55 9/10-11/44

Station: PAINT ROCK, ALABAMA

Drainage basin: TENNESSEE

County: JACKSON

Lat. 34° 40'N Long. 86° 20'W

Elev.(ft.) 610

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.95 15/1947	1.24 15/1947	1.34 7/1946	2.08 5/1950	3.58 4-5/1949	4.68 4-5/1949
Feb.	Amt. Date	1.07 13/1948	1.65 13/1948	1.93 13/1948	2.20 8/1946	3.13 12/1948	4.08 11-12/1948
Mar.	Amt. Date	1.10 27/1950	1.54 27/1950	1.82 27/1950	1.92 27/1950	2.10 12-13/1950	3.90 12-13/1950
Apr.	Amt. Date	1.34 11/1944	1.47 11/1944	1.75 11/1944	2.14 11/1944	2.15 11/1944	2.47 11/1944
May	Amt. Date	1.00 27/1942	1.21 27/1942	1.31 27/1942	1.98 27/1942	2.00 27/1942	2.01 31-1/1946
Jun.	Amt. Date	1.43 29/1943	2.20 15/1949	3.20 15/1949	3.76 15/1949	4.02 15/1949	4.31 15/1949
Jul.	Amt. Date	2.21 25/1950	2.61 25/1950	3.53 25/1950	4.16 25/1950	4.21 25/1950	5.76 25-26/1950
Aug.	Amt. Date	2.24 13/1949	2.30 13/1949	2.30 13/1949	2.30 13/1949	2.30 13/1949	2.30 13/1949
Sep.	Amt. Date	1.10 22/1950	1.68 22/1946	2.43 22/1946	2.91 22/1946	3.33 22/1946	3.73 22-23/1946
Oct.	Amt. Date	1.31 27/1941	1.47 27/1941	1.68 27/1941	1.89 27/1941	2.62 30/1949	3.23 29-30/1949
Nov.	Amt. Date	1.48 19/1948	2.08 19/1948	2.28 19/1948	2.98 19/1948	3.75 28-29/1948	4.01 28-29/1948
Dec.	Amt. Date	0.89 27/1942	1.09 27/1942	1.44 27/1942	2.57 27/1942	4.42 27-28/1942	5.46 27-28/1942
Annual	Amt. Date	2.24 8/13/49	2.61 7/25/50	3.53 7/25/50	4.16 7/25/50	4.42 12/27-28/42	5.76 7/25-26/50

Station: PETERMAN, ALABAMA

Drainage basin: ALABAMA

County: MONROE

Lat. 31° 35' N Long. 87° 16' W

Elev.(ft.) 195

Period of record: 1940-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.96 7/1943	1.90 7/1943	2.16 7/1943	2.56 7/1943	2.73 7/1943	3.60 5-6/1946	
Feb.	1.00 6/1946	1.20 6/1946	1.42 6/1946	1.69 18-19/1946	1.80 18-19/1946	1.80 18-19/1946	
Mar.	1.25 5/1943	1.67 5/1943	1.95 5/1943	2.29 5/1943	3.11 22/1944	4.22 22-23/1944	
Apr.	1.61 18/1943	2.29 9/1942	2.37 9/1942	3.27 18/1944	3.45 1/1947	3.45 1/1947	
May	1.55 25/1947	1.97 20/1946	3.02 19-20/1946	3.94 19-20/1946	4.25 19-20/1946	4.92 19-20/1946	
Jun.	1.54 12/1949	1.63 16/1941	2.17 1/1946	3.00 1/1946	3.50 1/1946	3.50 1/1946	
Jul.	1.55 1/1941	2.02 1/1941	2.12 17/1947	2.28 17/1947	2.28 17/1947	3.11 30-1/1941	
Aug.	1.40 24/1941	1.67 25/1950	1.68 25/1950	2.03 30-31/1950	2.59 30-31/1950	2.77 30-31/1950	
Sep.	0.94 24/1946	1.47 24/1946	1.76 24/1946	2.41 24/1946	3.26 10/1944	4.91 23-24/1946	
Oct.	1.08 4/1943	1.44 4/1943	1.72 11/1948	2.23 11/1948	2.25 11/1948	2.25 11/1948	
Nov.	2.00 8/1943	3.27 8/1943	4.29 8/1943	6.44 8/1943	7.71 8/1943	8.07 8-9/1943	
Dec.	2.25 27/1942	2.85 27-28/1942	3.40 27-28/1942	3.61 27-28/1942	4.02 22-23/1941	5.08 22-23/1941	
Annual	2.25 12/27/42	3.27 11/8/43	4.29 11/8/43	6.44 11/8/43	7.71 11/8/43	8.07 11/8-9/43	

Station: RIVER FALLS, ALABAMA

Drainage basin: CONECUH

County: COVINGTON

Lat. 31° 23'N Long. 86° 33'W

Elev.(ft.) 190

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.00 30/1947	1.25 15/1946	1.47 15/1946	1.86 13/1947	2.26 13/1947	2.27 13/1947
Feb.	Amt. Date	1.40 6/1946	1.60 6/1946	1.84 6/1946	1.90 6/1946	1.90 6/1946	1.90 6/1946
Mar.	Amt. Date	2.54 27/1944	3.04 27/1944	3.26 27/1944	3.28 27-28/1944	5.14 27-28/1944	5.32 27-28/1944
Apr.	Amt. Date	2.71 14/1944	4.78 14/1944	4.85 14/1944	5.07 14-15/1944	5.27 14-15/1944	5.27 14-15/1944
May	Amt. Date	2.30 20/1946	2.80 21/1947	3.50 21/1947	4.39 21/1947	4.48 20-21/1947	5.58 20-21/1947
Jun.	Amt. Date	1.88 1/1946	2.95 1/1946	3.15 1/1946	4.22 1/1946	4.41 1/1946	4.41 1/1946
Jul.	Amt. Date	1.58 15/1949	2.29 27/1944	2.65 27/1944	2.82 26-27/1944	3.02 5/1945	3.02 5/1945
Aug.	Amt. Date	2.56 8/1943	2.57 8/1943	2.58 8/1943	2.59 31/1950	3.31 30-31/1950	4.10 13-14/1944
Sep.	Amt. Date	2.86 10/1944	5.46 10/1944	6.56 10/1944	7.44 10/1944	9.31 10/1944	9.75 10-11/1944
Oct.	Amt. Date	0.98 7/1944	1.06 7/1944	1.06 7/1944	1.10 25/1945	1.16 25/1945	1.16 25/1945
Nov.	Amt. Date	1.18 7/1943	1.72 11/1947	1.99 7/1943	2.48 7/1943	3.08 7/1943	3.87 7-8/1943
Dec.	Amt. Date	1.21 7/1949	1.32 7/1949	1.33a 25/1945	1.44 24-25/1945	2.00 11/1947	2.36 14-15/1943
Annual	Amt. Date	2.86 9/10/44	5.46 9/10/44	6.56 9/10/44	7.44 9/10/44	9.31 9/10/44	9.75 9/10-11/44

a Also 7/1949.

Station: THORSBY, ALABAMA

Drainage basin: ALABAMA

County: CHILTON

Lat. 32° 54'N Long. 86° 44'W

Elev.(ft.) 200

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.91 17/1949	1.18 19/1947	1.47 19/1947	2.02 19/1947	2.70 19-20/1947	3.78 19-20/1947
Feb.	Amt. Date	0.71 13/1946	1.22 20/1947	1.53 20/1947	2.11 19-20/1947	2.62 19-20/1947	3.70 19-20/1945
Mar.	Amt. Date	1.21 22/1948	1.71 25/1945	2.30 25-26/1945	3.32 22/1948	3.98 22-23/1948	4.12 22-23/1948
Apr.	Amt. Date	1.94 24/1945	2.29 24/1945	2.79 24/1945	2.96 24/1945	3.30 24-25/1945	3.67 25-26/1944
May	Amt. Date	1.28 10/1948	1.48 1/1950	1.48 1/1950	1.95 11-12/1945	2.10a 11-12/1945	2.77 19-20/1946
Jun.	Amt. Date	1.19 20/1943	1.35 22/1947	1.69 22/1947	2.21 22/1947	2.35 1/1946	3.05 1/1946
Jul.	Amt. Date	1.72 19/1943	2.16 3/1946	2.51 3/1946	2.97 17/1947	3.00 17/1947	3.00 17/1947
Aug.	Amt. Date	0.94 4/1948	1.32 29/1946	1.41 29/1946	1.85 29/1946	2.37 30-31/1950	2.50 30-31/1950
Sep.	Amt. Date	1.87 16/1943	2.27 16/1943	2.47 16/1943	2.49 16/1943	2.49 16/1943	2.70 15-16/1946
Oct.	Amt. Date	0.83b 4/1943	1.29 6/1945	1.51 6/1945	1.59 6/1945	1.71 5-6/1945	1.75 5-6/1945
Nov.	Amt. Date	1.54 19/1948	1.84 19/1948	2.04 19/1948	2.54 19/1948	2.90 26/1948	3.20 26/1948
Dec.	Amt. Date	0.74 24/1945	1.23 24/1945	1.63 24/1945	2.21 24-25/1945	2.50 24-25/1945	2.54 24-25/1945
Annual	Amt. Date	1.94 4/24/45	2.29 4/24/45	2.79 4/24/45	3.32 3/22/48	3.98 3/22-23/48	4.12 3/22-23/48

a Also 19-20/1946.

b Also 11/1946.

Station: TONEY, ALABAMA

Drainage basin: TENNESSEE

County: MADISON

Lat. 34° 54' N Long. 86° 44' W

Elev.(ft.) 750

Period of record: 1941-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	1.36 7/1946	1.46 7/1946	1.63 7/1946	2.51 7/1946	3.51 7/1946	3.63 7/1946	
Feb.	0.94 6/1942	1.19 6/1942	1.73 17/1945	1.98 21/1945	2.55 12/1948	4.20 12-13/1948	
Mar.	1.07 22/1948	1.32 22/1948	1.80 30/1949	1.92 30-31/1949	2.30 28/1944	3.03 28/1944	
Apr.	0.90 1/1945	1.23 11/1944	1.28 11/1944	1.55 28/1945	1.58 28/1945	1.88 18-19/1943	
May	0.94 23/1946	1.40 28-29/1948	1.64 23/1946	1.90 28-29/1948	2.39 28-29/1948	2.59 28-29/1948	
Jun.	1.11 28/1949	1.30 28/1949	1.40 15/1949	1.60 15/1949	2.71 14-15/1949	3.10 14-15/1949	
Jul.	1.46 5/1941	2.17 4-5/1941	2.44 4-5/1941	2.70 15/1950	2.90 15/1950	3.40 15-16/1950	
Aug.	1.05 17/1942	1.29 29/1946	1.57 29/1946	1.59 29/1946	1.61 28-29/1946	1.80 31-1/1944	
Sep.	0.95 4/1949	1.41 6/1949	1.70 6/1949	1.98 9/1946	2.40 9/1946	2.52 5-6/1949	
Oct.	1.03 18/1947	1.52 18/1947	1.66 18/1947	1.90 18/1947	2.08 18-19/1947	2.18 18-19/1947	
Nov.	0.91 18/1948	1.22 5/1948	1.41 5/1948	2.54 5/1948	3.15 5/1948	3.22 5/1948	
Dec.	0.81 15/1948	1.31 15/1948	1.49 15-16/1948	2.60 15-16/1948	2.84 15-16/1948	2.84 15-16/1948	
Annual	1.46 7/5/41	2.17 7/4-5/41	2.44 7/4-5/41	2.70 7/15/50	3.51 1/7/46	4.20 2/12-13/48	

Station: TRAFFORD, ALABAMA*

Drainage basin: BLACK WARRIOR

County: JEFFERSON

Lat. 33° 49'W Long. 86° 44'W

Elev.(ft.) 490

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.50 14/1947	2.53 14/1947	3.23 14/1947	4.38 14-15/1947	5.53 4-5/1949	6.80 4-5/1949
Feb.	Amt. Date	1.38 12/1945	2.05 16/1942	2.74 16/1942	3.37 12/1945	4.16 12-13/1945	4.62 12-13/1945
Mar.	Amt. Date	1.20 16/1943	1.72 16/1943	1.98 5-6/1947	2.60 5-6/1947	3.22 12-13/1950	5.10 12-13/1950
Apr.	Amt. Date	1.47 12/1943	2.66 11-12/1943	2.82 11-12/1943	3.02 11-12/1943	3.03 11-12/1943	3.03 11-12/1943
May	Amt. Date	1.15 14/1942	1.39 14-15/1942	1.47 14-15/1942	1.60 14-15/1942	1.66 4-5/1944	1.70 30-1/1947
Jun.	Amt. Date	1.06 14/1943	1.35 14/1946	1.52 14/1946	1.52 14/1946	1.76 15-16/1942	2.23 20-21/1950
Jul.	Amt. Date	1.63 28/1950	2.00 28/1950	2.01 28/1950	2.22 3/1946	2.31 28/1950	2.49 27-28/1950
Aug.	Amt. Date	2.48 4/1945	2.50 4/1945	2.58 4/1945	2.69 4/1945	2.70 4/1945	4.17 3-4/1946
Sep.	Amt. Date	2.40 9/1946	2.60 9/1946	2.73 9/1946	2.76 9/1946	2.80 9/1946	2.91 26-27/1942
Oct.	Amt. Date	1.00 25/1946	1.95 25/1946	2.20 25/1946	2.55 25/1946	2.55 25/1946	2.55 25/1946
Nov.	Amt. Date	1.23 10/1946	1.75 10/1946	2.50 10/1946	3.11 10-11/1946	3.88 10-11/1946	6.47 27-28/1948
Dec.	Amt. Date	1.20 27/1942	1.85 27/1942	2.55 27/1942	4.41 27/1942	6.21 27-28/1942	6.92 27-28/1942
Annual	Amt. Date	2.48 8/4/45	2.66 4/11-12/43	3.23 1/14/47	4.41 12/27/42	6.21 12/27-28/42	6.92 12/27-28/42

*Formerly Warrior, Alabama.

Station: TROY, ALABAMA

Drainage basin: PEA

County: PIKE

Lat. 31° 49'N Long. 85° 58'W

Elev.(ft.) 590

Period of record: 1944-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.04 19/1947	1.60 30/1947	1.75 30/1947	1.96 13/1947	2.29 13/1947	2.34 13/1947
Feb.	Amt. Date	0.94 12/1945	1.12 9/1950	1.14 9/1950	1.26 18-19/1946	1.56 18-19/1946	2.07 9-10/1950
Mar.	Amt. Date	1.24 31/1949	1.90 19/1944	2.66 19/1944	3.06 19/1944	3.45 19/1944	5.30 22-23/1944
Apr.	Amt. Date	2.66 8/1948	2.76 8/1948	2.82 8/1948	3.43 1/1947	4.04 25-26/1944	5.45 26-27/1944
May	Amt. Date	1.55 23/1949	2.15 30/1950	2.20 30/1950	2.32 23-24/1949	2.43 20/1946	4.23 19-20/1946
Jun.	Amt. Date	1.08 12/1949	1.50 1/1946	1.75 1/1946	2.48 1/1946	2.60 1/1946	2.60 1/1946
Jul.	Amt. Date	1.12 31/1949	1.67 31/1949	1.67 31/1949	2.24 9/1948	3.20 9/1948	3.38 9/1948
Aug.	Amt. Date	2.31 26/1944	2.65 26/1944	2.85 26/1944	3.00 26/1944	4.15 30-31/1950	4.53 30-31/1950
Sep.	Amt. Date	1.72 17/1950	1.84 17/1950	1.89 17/1950	2.74 27/1948	3.90 27/1948	3.95 27/1948
Oct.	Amt. Date	0.77 11/1948	0.99 11/1948	1.18 11/1948	1.57 11/1946	1.63 27-28/1949	1.71 11-12/1946
Nov.	Amt. Date	1.27 5/1948	1.64 5-6/1948	1.86 20-21/1946	2.33 20-21/1946	2.72 20-21/1946	3.40 26-27/1948
Dec.	Amt. Date	0.97 10/1945	1.19 10/1945	1.21 10/1945	1.81 18/1948	2.03 18-19/1948	2.19 13-14/1949
Annual	Amt. Date	2.66 4/8/48	2.76 4/8/48	2.85 8/26/44	3.43 4/1/47	4.15 8/30-31/50	5.45 4/26-27/44

Station: UNIVERSITY, ALABAMA

Drainage basin: BLACK WARRIOR

County: TUSCALOOSA

Lat. 33° 12'N Long. 87° 33'W

Elev.(ft.) 225

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.95 18/1949	1.04 18/1949	1.15 4/1949	1.68 4/1949	2.25 6/1950	3.17 4-5/1949
Feb.	Amt. Date	1.12 24/1944	1.58 24/1944	1.76 23-24/1944	2.43 16/1942	3.11 16/1942	3.32 16/1942
Mar.	Amt. Date	2.00 19/1943	3.00 19/1943	3.40 19/1943	4.06 19/1943	4.50 19-20/1943	5.28 19-20/1943
Apr.	Amt. Date	0.98 9/1942	1.38 4/1940	1.78 4/1940	1.98 17-18/1950	2.04 17-18/1950	2.27 30-1/1949
May	Amt. Date	1.18 29/1944	1.70 24-25/1944	1.73 24-25/1944	2.25 28/1948	3.09 28/1948	3.10 28/1948
Jun.	Amt. Date	2.00 28/1943	3.24 28/1943	3.55 12/1942	4.43 12/1942	5.31 12/1942	6.82 11-12/1942
Jul.	Amt. Date	1.42 25/1942	1.90 13/1941	1.90 13/1941	1.90 13/1941	1.90a 13/1941	3.10 13-14/1941
Aug.	Amt. Date	2.00 19/1942	3.78 19/1942	4.78 19/1942	5.98 19/1942	6.73 1/1941	7.26 1/1941
Sep.	Amt. Date	1.25 9/1946	2.20 9/1946	2.62 9/1946	2.62 9/1946	3.35 5/1949	3.50 4-5/1949
Oct.	Amt. Date	1.15 23/1950	1.85 23/1950	2.45 23/1950	2.59 23/1950	2.61 23/1950	2.62 22-23/1950
Nov.	Amt. Date	0.96 10/1947	1.55 28/1948	1.86 28/1948	2.60 28/1948	4.00 27-28/1948	4.42 27-28/1948
Dec.	Amt. Date	0.94 27/1942	1.34 12/1940	1.92 12/1940	2.69 22/1941	3.20E 27-28/1942	3.61 27-28/1942
Annual	Amt. Date	2.00b 3/19/43	3.78 8/19/42	4.78 8/19/42	5.98 8/19/42	6.73 8/1/41	7.26 8/1/41

a Also 24-25/1942. b Also 6/28/1943 and 8/19/1942.

Station: VERNON, ALABAMA

Drainage basin: TOMBIGHEE

County: LAMAR

Lat. 33° 45' N Long. 88° 07' W

Elev.(ft.) 180

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.36 7/1946	1.75 7/1946	2.00 7/1946	3.17 7/1946	4.44 7/1946	6.14 5-6/1950
Feb.	Amt. Date	0.92 13/1950	1.48 13/1950	1.65 13/1950	2.43 13/1950	3.65 13-14/1950	3.93 13-14/1950
Mar.	Amt. Date	1.10 16/1942	1.39 16/1942	1.85 12/1950	2.60 12/1950	2.64 12/1950	4.30E 12-13/1950
Apr.	Amt. Date	1.56 18/1944	2.01 18/1944	2.06 18/1944	2.44 18/1944	2.49 18/1944	2.49 18/1944
May	Amt. Date	1.29 23/1943	1.42 23/1943	1.45 23/1943	1.52 31/1946	1.57E 31-1/1946	1.80 23/1943
Jun.	Amt. Date	1.20 2/1947	1.52 2/1947	2.70 2/1947	3.00 2/1947	4.26 2/1947	4.31 2/1947
Jul.	Amt. Date	1.60 13/1945	2.47 13/1945	2.95 13/1945	4.67 13/1945	6.02 13/1945	6.02 13/1945
Aug.	Amt. Date	1.56 26/1944	2.34 7/1945	2.68 7/1945	2.92 7/1945	3.61 7/1945	3.77A 6-7/1945
Sep.	Amt. Date	1.40 7/1942	2.01 7/1942	2.06 7/1942	2.11 7/1942	2.29 7/1942	3.34 6-7/1942
Oct.	Amt. Date	1.27 27/1941	1.65 27/1941	1.98 27/1941	2.27 27/1941	2.32 27/1941	2.32 27/1941
Nov.	Amt. Date	1.78 18/1948	2.57 18/1948	2.78 18-19/1948	3.23 18-19/1948	3.28 18-19/1948	3.37 18-19/1948
Dec.	Amt. Date	0.73 27/1942	1.05 27/1942	1.43 27/1942	2.29 27/1942	3.30 27/1942	3.62 27-28/1942
Annual	Amt. Date	1.78 11/18/48	2.57 11/18/48	2.95 7/13/45	4.67 7/13/45	6.02 7/13/45	6.14 1/5-6/50