

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, *Secretary*

WEATHER BUREAU

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

Part XIV: Louisiana

DIVISION OF HYDROLOGIC SERVICES

HYDROMETEOROLOGICAL SECTION

In cooperation with

CORPS OF ENGINEERS, U. S. ARMY



WASHINGTON, D. C.

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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 38 stations with five or more years of record are shown in table 3.

A. E. Brown, Jr. was the project leader for Louisiana. John T. Lindgren compiled the data which were then checked by Cora Ludwig and James Keister. Edna L. Grooms typed the manuscript.

Table 1. - Maximum Monthly Precipitation Amounts for Louisiana

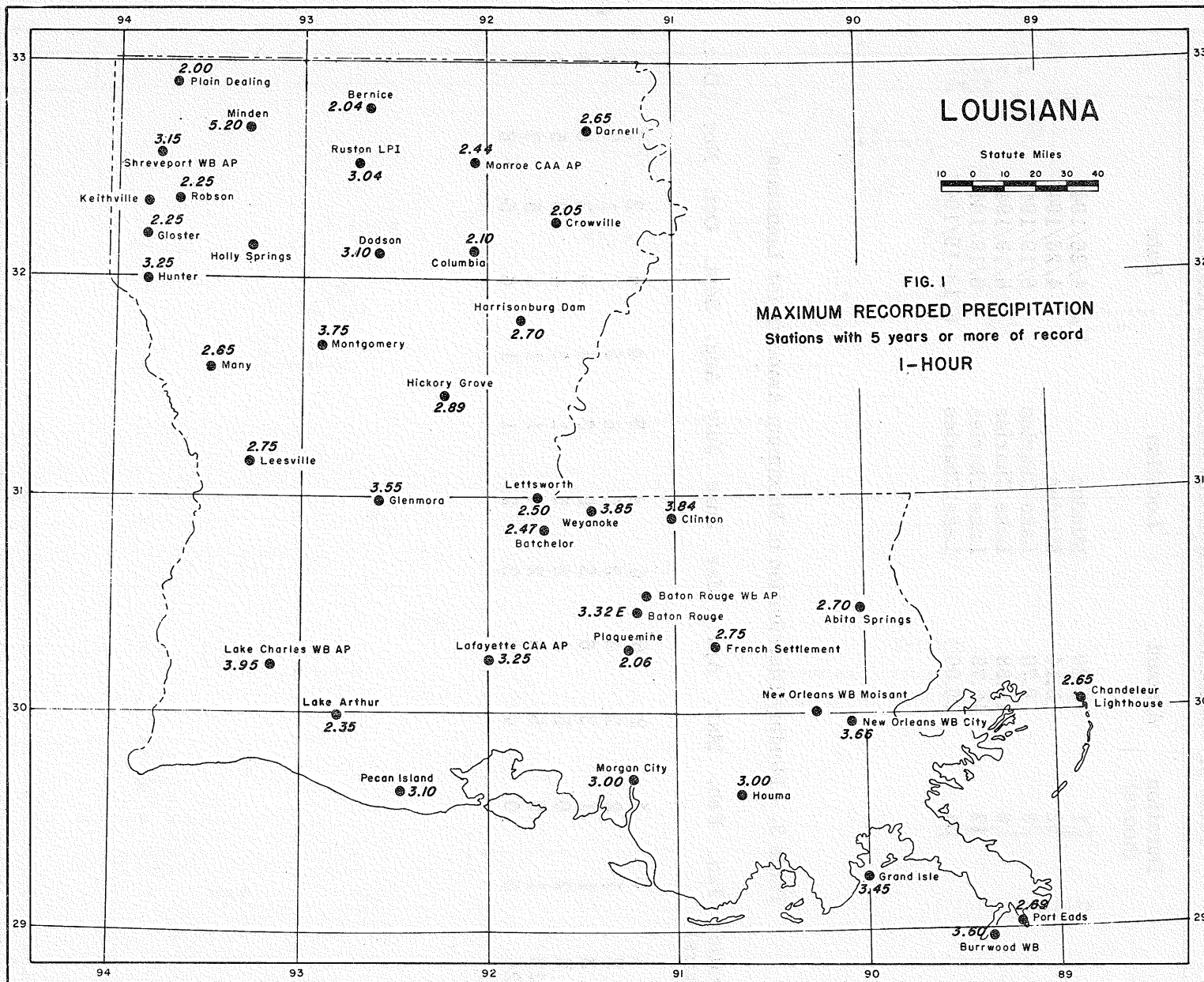
Duration (hours)	Amount	Location	Date	Duration (hours)	Amount	Location	Date
JANUARY							
1	3.45	Burrwood	6/1944	1	3.45	Grand Isle	19/1945
2	4.05	Burrwood	6/1944	2	5.19	Shreveport	23/1905
3	4.56	Burrwood	6/1944	3	6.49	Shreveport	23/1905
6	5.80	Gloster	4/1946	6	7.54	Shreveport	23/1905
12	6.20	Grand Isle	12/1944	12	8.52	Shreveport	24-25/1933
24	7.15	Grand Isle	12-13/1944	24	12.44	Shreveport	24-25/1933
FEBRUARY							
1	3.00	Houma	1/1945	1	3.25	Lafayette	15/1949
2	5.23	Burrwood	15/1942	2	4.45	Grand Isle	11/1949
3	6.28	Burrwood	15/1942	3	5.20	Grand Isle	11-12/1949
6	7.99	Burrwood	15/1942	6	5.40	Grand Isle	11-12/1949
12	8.66	Burrwood	15/1942	12	6.93	Pecan Island	7/1940
24	8.77	Burrwood	15/1942	24	9.54	Lake Charles	7-8/1940
MARCH							
1	3.04	Montgomery	17/1945	1	3.85	Weyanoke	15/1942
2	4.70	Grand Isle	27/1946	2	6.00	Morgan City	18/1943
		New Orleans	14/1903	3	6.70	Burrwood	27/1950
3	6.05	New Orleans	14/1903	6	8.62	New Orleans	6-7/1929
6	8.30	Grand Isle	27/1946	12	10.10	New Orleans	6-7/1929
12	9.91	Grand Isle	27/1946	24	12.25	Chandeleur	18-19/1943
24	10.93	New Orleans	5-6/1948	OCTOBER			
1	5.20	Minden	26/1942	1	3.05	Glenmora	25/1945
2	8.14	Minden	26/1942	2	3.80	New Orleans	29/1918
3	8.34	Minden	26/1942	3	4.75	New Orleans	2/1937
6	8.44	Minden	25-26/1942	6	6.89	New Orleans	2/1937
12	12.76	New Orleans	15-16/1927	12	10.86	New Orleans	1-2/1937
24	14.01	New Orleans	15-16/1927	24	13.68	New Orleans	1-2/1937
MAY							
1	3.15	Shreveport	13/1908	1	3.75	Montgomery	18/1948
2	4.75	Pecan Island	12/1950	2	6.15	Burrwood	1/1948
3	5.39	New Orleans	2/1926	3	9.10	Burrwood	1/1948
6	6.88	Pecan Island	12/1950	6	10.51	Burrwood	1/1948
12	8.85	Burrwood	20/1946	12	10.80	Burrwood	1/1948
24	9.48	Burrwood	19-20/1946	24	10.80	Burrwood	1/1948
JUNE							
1	3.95	Lake Charles	19/1947	1	3.10	Dodson	10/1949
2	6.52	Lake Charles	19/1947	2	3.81	Morgan City	9/1947
3	9.70	Lake Charles	19/1947	3	4.40	Weyanoke	16/1948
6	15.38	Lake Charles	19/1947	6	7.70	Weyanoke	16/1948
12	15.79	Lake Charles	19/1947	12	8.07	Weyanoke	16/1948
24	16.00	Lake Charles	18-19/1947	24	8.07	Weyanoke	16/1948
DECEMBER							

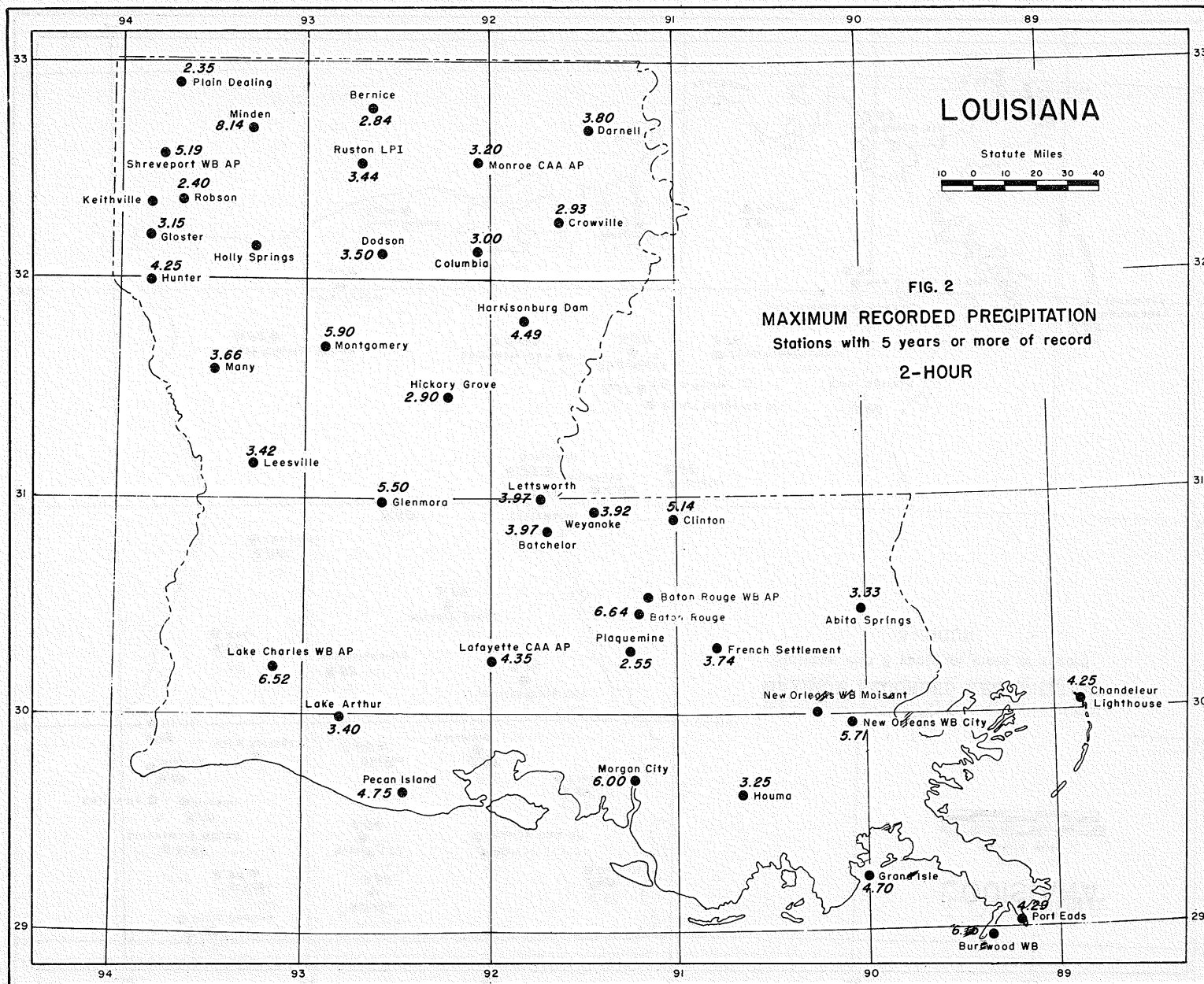
Table 2. - Maximum Precipitation Amounts for Louisiana

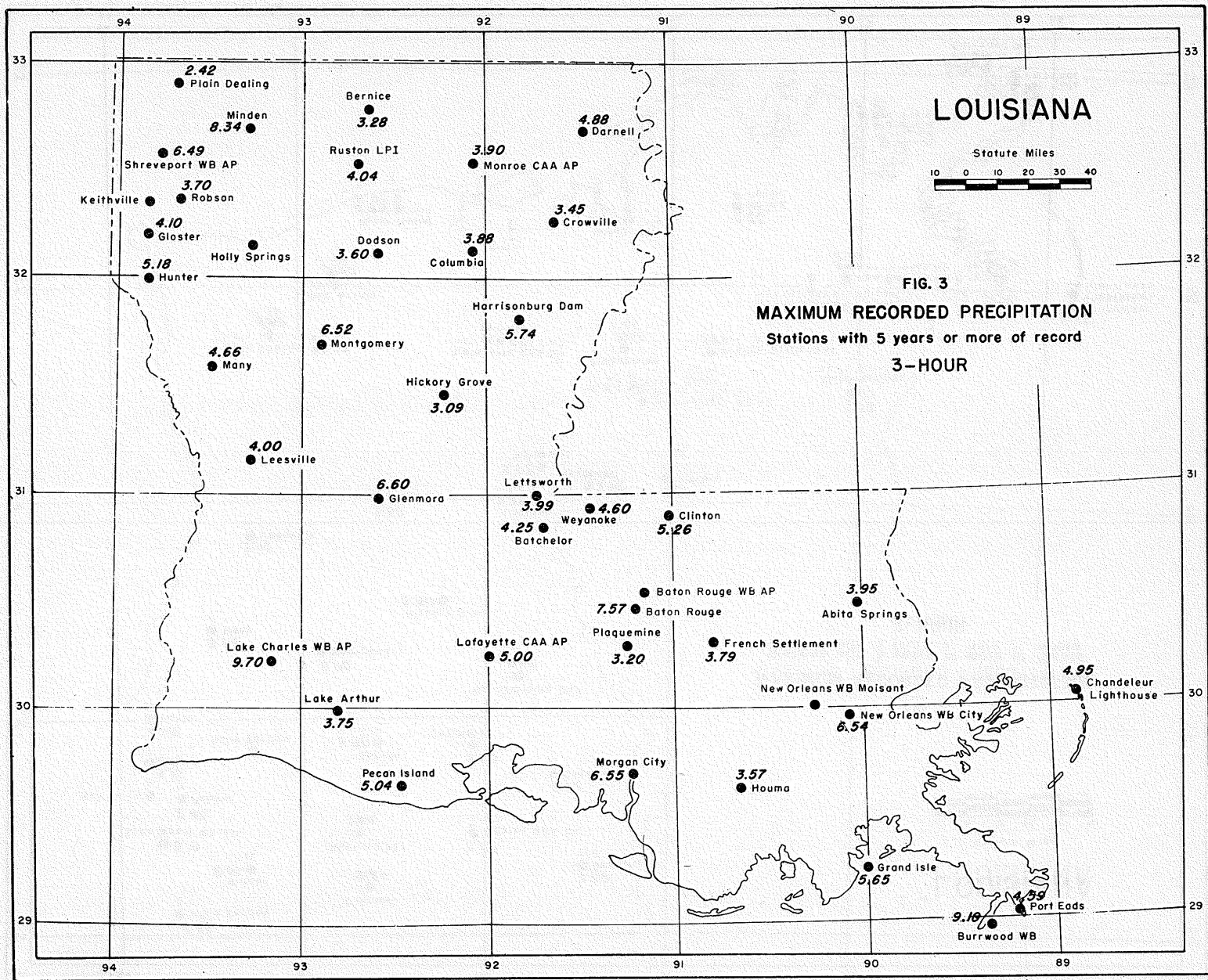
Duration (hours)	Amount	Location	Date
1	5.20	Minden	4/26/1942
2	8.14	Minden	4/26/1942
3	9.70	Lake Charles	6/19/1947
6	15.38	Lake Charles	6/19/1947
12	15.79	Lake Charles	6/19/1947
24	16.00	Lake Charles	6/18-19/1947

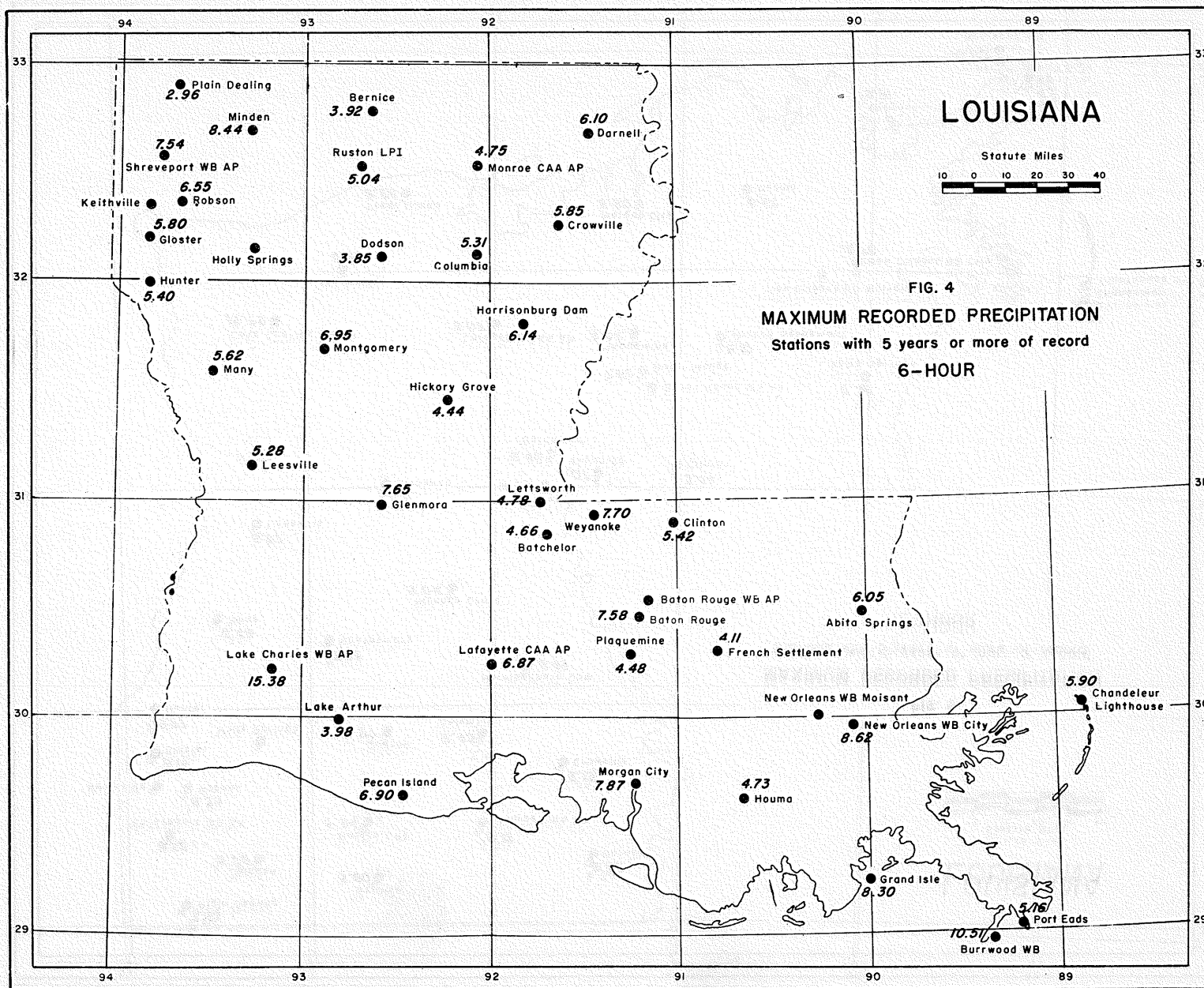
Table 3. - Monthly Distribution of Maximum Amounts for Louisiana

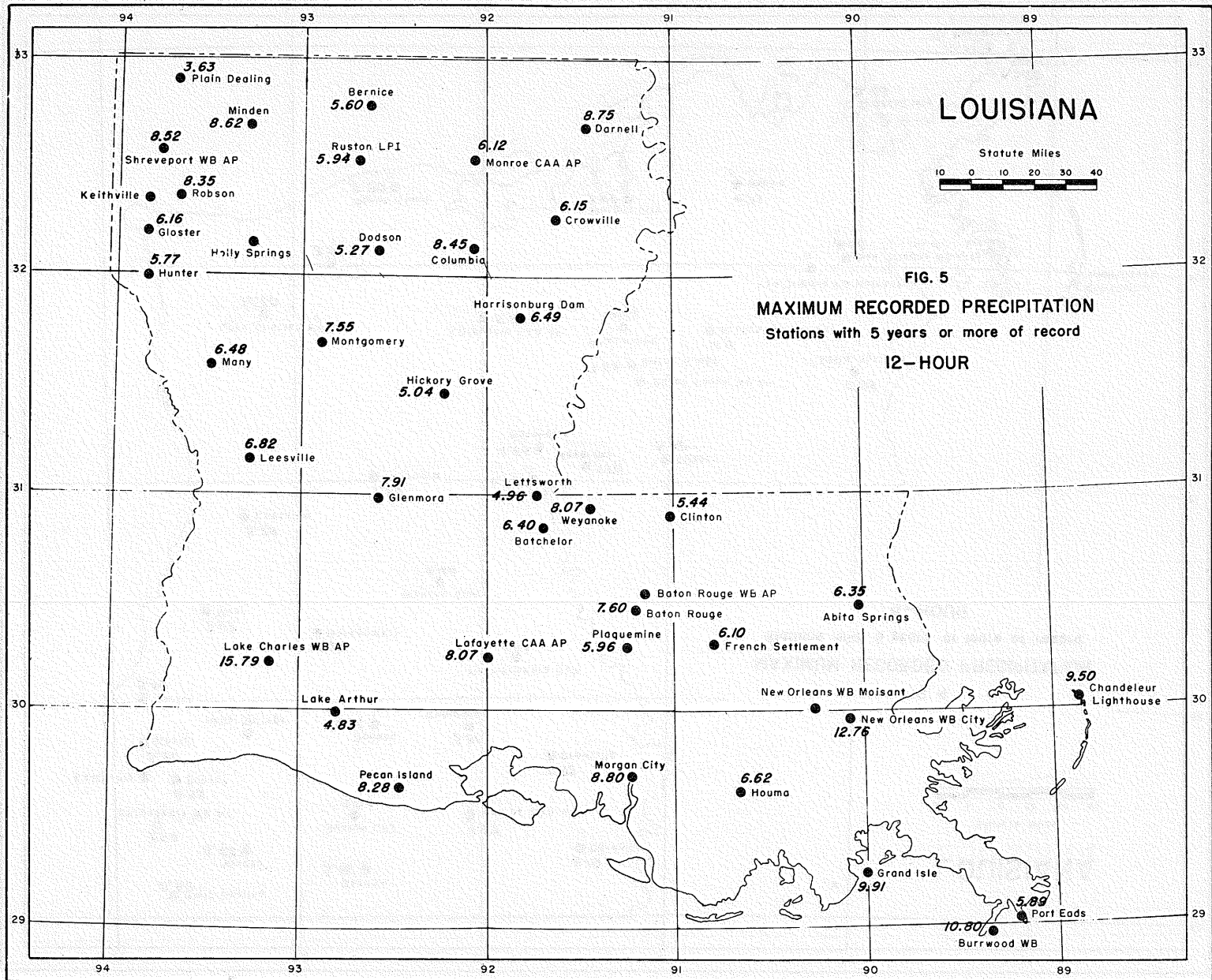
Duration (hours)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	1	2	6	6	4	5	4	4	2	3	1
2	1	2	2	4	3	5	6	4	7	1	3	0
3	1	1	3	6	3	5	3	4	4	2	6	0
6	2	0	5	4	3	5	1	3	4	3	5	3
12	1	0	5	5	2	4	1	1	5	5	7	2
24	0	0	4	6	2	2	1	1	6	5	8	3

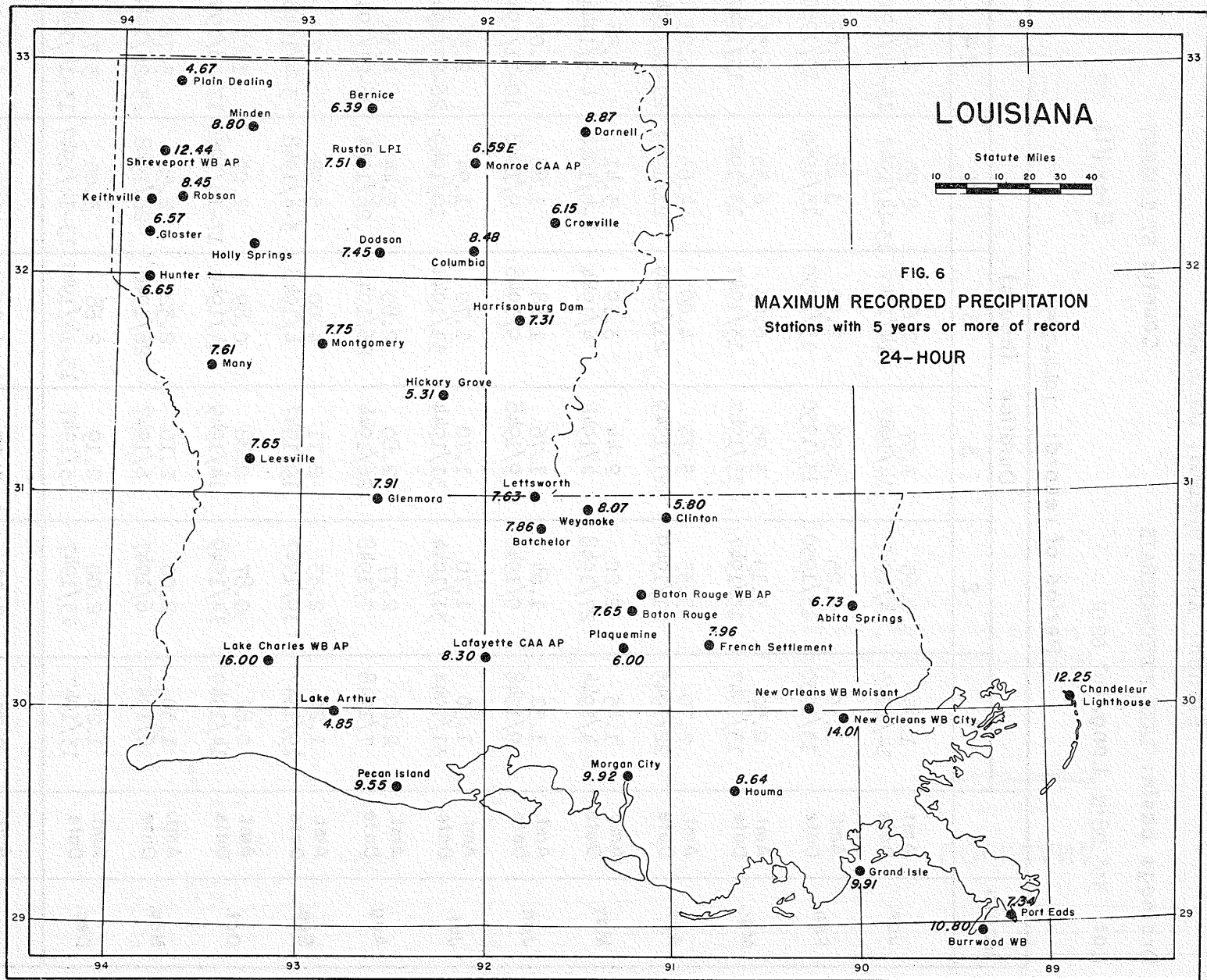












Station: ABITA SPRINGS, LOUISIANA

Drainage basin: LAKE PONTCHARTRAIN

County: ST TAMMANY

Lat. 30° 28'N Long. 90° 02'W

Elev.(ft.) 22

Period of record: 1944-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.05 14/1947	1.65 14/1947	1.97 14/1947	2.60 14/1947	2.95 13-14/1947	2.95 13-14/1947
Feb.	Amt. Date	1.30 13/1950	2.25 13/1950	2.56 13/1950	2.90 13/1950	3.68 13/1950	3.69 13/1950
Mar.	Amt. Date	2.50 13/1947	3.15 13/1947	3.95 13/1947	6.05 13/1947	6.35 13/1947	6.35 13/1947
Apr.	Amt. Date	2.70 22/1945	3.33 21/1949	3.73 21/1949	4.00 21/1949	4.63 21/1949	5.25 21-22/1949
May	Amt. Date	1.45 4/1944	2.20 27/1948	2.44 4/1944	3.19 4/1944	3.41 4-5/1944	3.56 4-5/1944
Jun.	Amt. Date	1.52 9/1948	1.64 9/1948	1.76 9/1948	1.88 9/1948	1.88 9/1948	2.07 10-11/1944
Jul.	Amt. Date	1.50 31/1944	1.70 31/1944	1.70 31/1944	1.70 31/1944	1.94 10/1949	2.56 26-27/1945
Aug.	Amt. Date	2.60 7/1948	2.77 7/1948	2.80 26/1944	2.80 26/1944	3.44 26/1944	4.38 26-27/1944
Sep.	Amt. Date	1.20 19/1947	2.33 19/1947	2.71 19/1947	4.00 4/1948	5.92 3-4/1948	6.73 3-4/1948
Oct.	Amt. Date	0.82 14/1949	0.87 14/1949	0.88 14/1949	0.89 14/1949	1.09 17-18/1950	1.27 17-18/1950
Nov.	Amt. Date	1.50 6/1947	2.00 6/1947	2.10 6/1947	2.32 26/1948	2.52 26/1948	3.76 25-26/1948
Dec.	Amt. Date	1.29 13/1947	2.00 13/1947	2.19 13/1947	2.68 13-14/1947	3.05 13-14/1947	3.70 13-14/1947
Annual	Amt. Date	2.70 4/22/45	3.33 4/21/49	3.95 3/13/47	6.05 3/13/47	6.35 3/13/47	6.73 9/3-4/48

Station: BATCHELOR, LOUISIANA

Drainage basin: ATCHAFALAYA RIVER

County: POINT COUPEE

Lat. 30° 49'N Long. 91° 42'W

Elev.(ft.) 28

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.17 5/1946	1.42 5/1946	1.78 5/1946	2.47 12-13/1947	3.78 5-6/1950	6.49 5-6/1950
Feb.	Amt. Date	1.60 13/1950	2.30 5/1943	2.75 5/1943	4.07 5/1943	5.55 5/1943	6.30 4-5/1943
Mar.	Amt. Date	1.80 21/1949	3.13 21/1949	3.54 21/1949	3.66 21/1949	3.66 21/1949	4.84 18-19/1944
Apr.	Amt. Date	1.40 18/1943	1.85 18/1943	2.40 18/1943	3.45 18/1943	3.53 18/1943	3.89 21-22/1949
May	Amt. Date	1.96 4/1942	2.44 20/1944	2.52 20/1944	2.70 17/1947	2.89 20/1944	3.54 17-18/1947
Jun.	Amt. Date	2.47 26/1946	3.97 26/1946	5.25 26/1946	4.49 26/1946	4.70 26-27/1946	4.73 26-27/1946
Jul.	Amt. Date	2.13 11/1948	2.27 11/1948	2.33 11/1948	2.36 11/1948	2.36 11/1948	3.75 10-11/1948
Aug.	Amt. Date	2.03 10/1943	3.18 10/1943	4.23 10/1943	4.66 10/1943	4.66 10/1943	4.86 9-10/1943
Sep.	Amt. Date	1.17 19/1947	2.22 19/1947	3.12 19/1947	4.41 19/1947	4.91 19/1947	5.17 19-20/1947
Oct.	Amt. Date	1.18 10/1946	1.58 10/1946	1.75 10/1946	1.81 10-11/1946	2.59 24/1945	2.68 4/1949
Nov.	Amt. Date	1.75 4/1947	2.45 10/1946	3.68 10/1946	4.56 10/1946	6.40 10/1946	7.86 10/1946
Dec.	Amt. Date	1.42 16/1948	2.66 16/1948	2.77 16/1948	3.86 16/1948	4.03 16/1948	4.03 16/1948
Annual	Amt. Date	2.47 6/26/46	3.97 6/26/46	4.25 6/26/46	4.66 8/10/43	6.40 11/10/46	7.86 11/10/46

Station: BATON ROUGE WB APT, LOUISIANA

Drainage basin: MISSISSIPPI

County: EAST BATON ROUGE

Lat. 30° 32'N Long. 91° 09'W

Elev.(ft.) 64

Period of record: 1947-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.74 6/1950	1.08 6/1950	1.39 6/1950	1.72 6/1950	2.07 6/1950	2.48 5-6/1950
Feb.	Amt. Date	0.94 31/1950	1.27 13/1950	1.49 13/1950	1.59 13/1950	2.16 13/1950	2.48 13/1950
Mar.	Amt. Date	1.17 21/1949	1.88 21/1949	2.57 21/1949	3.31 21/1949	3.31 21/1949	3.31 21/1949
Apr.	Amt. Date	1.29 29/1950	1.40 3/1950	1.93 3/1950	2.73 3/1950	2.84 3/1950	3.91 21-22/1949
May	Amt. Date	1.61 27/1948	2.63 27/1948	2.74 27/1948	2.85 27/1948	2.89 27/1948	2.94 27/1948
Jun.	Amt. Date	1.29 18/1947	2.17 18/1947	2.27 18/1947	2.46 20/1950	3.03 20/1950	3.47 6-7/1950
Jul.	Amt. Date	2.15 11/1949	2.60 11/1949	2.62 11/1949	2.62 11/1949	2.62 11/1949	2.62 11/1949
Aug.	Amt. Date	0.69 15/1949	0.99 15/1949	0.99 15/1949	0.99 15/1949	0.99 15/1949	1.32 7-8/1948
Sep.	Amt. Date	1.60 19/1947	2.14 19/1947	2.65 19/1947	2.93 19/1947	3.71 19/1947	3.79 19/1947
Oct.	Amt. Date	0.66 20/1947	1.29 20/1947	1.46 20/1947	1.49 20/1947	1.84 4-5/1949	2.94 4-5/1949
Nov.	Amt. Date	2.01 26/1948	3.43 26/1948	3.81 26/1948	4.23 26/1948	4.27 26/1948	5.04 26/1948
Dec.	Amt. Date	1.57 7/1948	2.20 7/1948	2.33 7/1948	2.59 7/1948	3.19 5/1950	3.34 5-6/1950
Annual	Amt. Date	2.15 7/11/49	3.43 11/26/48	3.81 11/26/48	4.23 11/26/48	4.27 11/26/48	5.04 11/26/48

Station: BATON ROUGE, LOUISIANA

Drainage basin: MISSISSIPPI

County: EAST BATON ROUGE

Lat. 30° 26'N Long. 91° 10'W

Elev.(ft.) 54

Period of record: 1940-1948

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.80 1/1942	2.92 1/1942	3.20 31-1/1942	3.61 31-1/1942	5.08 31-1/1942	5.18 31-1/1942
Feb.	Amt. Date	1.04 5/1945	1.42a 15/1942	1.80 15/1942	2.39 15/1942	2.63 15/1942	2.85 14-15/1942
Mar.	Amt. Date	1.94 13/1947	2.54 13/1947	3.70 13/1947	5.67 12-13/1947	6.55 12-13/1947	6.55 12-13/1947
Apr.	Amt. Date	3.32E 7/1942	6.64 7/1942	7.57 7/1942	7.58 7/1942	7.60 7-8/1942	7.65 7-8/1942
May	Amt. Date	1.40 15/1946	1.64 27/1948	2.16 15/1946	2.54 15/1946	2.80 15/1946	2.98 31-1/1946
Jun.	Amt. Date	1.29 2/1940	1.86 23/1946	2.42 23/1946	2.60 23/1946	2.74 23/1946	2.98 31-1/1946
Jul.	Amt. Date	1.74 11/1941	2.24 27/1945	2.30 27/1945	2.32 13/1946	2.68 5-6/1946	3.20 5-6/1946
Aug.	Amt. Date	2.22 8/1944	2.31 8/1944	2.35 8/1944	2.78 3/1942	2.78 3/1942	3.85 16-17/1945
Sep.	Amt. Date	1.26 16/1942	2.20 16/1942	2.66 16/1942	4.10 16/1942	5.68 16/1942	6.00 15-16/1942
Oct.	Amt. Date	1.08 31/1942	1.43 7/1942	1.45 7/1944	1.45 7/1944	1.78 24-25/1945	2.00 24-25/1945
Nov.	Amt. Date	1.68 8/1944	1.70 8/1944	1.72 8/1944	2.71 10/1940	3.56E 10/1940	4.39 10-11/1940
Dec.	Amt. Date	1.12E 31/1941	2.08 31-1/1941	3.20 31-1/1941	3.61 31-1/1941	5.08 31-1/1941	5.18 31-1/1941
Annual	Amt. Date	3.32E 4/7/42	6.64 4/7/42	7.57 4/7/42	7.58 4/7/42	7.60 4/7-8/42	7.65 4/7-8/42

a Also 18/1946.

Station: BERNICE, LOUISIANA

Drainage basin: OUACHITA RIVER

County: UNION

Lat. 32° 49' N Long. 92° 39' W

Elev.(ft.) 220

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.92 5/1946	1.47 31-1/1950	2.07 31-1/1950	2.54 31-1/1950	2.76 18/1945	2.78 18/1945
Feb.	Amt. Date	1.16 25/1944	1.37 8/1944	1.51 8/1944	1.56 8/1944	2.23 3/1943	3.37 25-26/1944
Mar.	Amt. Date	1.02 28/1944	1.32 28/1944	1.51 28/1944	1.79 28/1944	2.95 31-1/1945	4.61 31-1/1945
Apr.	Amt. Date	1.82 2/1941	2.12 2-3/1941	2.16a 6/1940	3.06 1/1945	4.10 1/1945	4.61 31-1/1945
May	Amt. Date	2.00 8/1943	2.36 8/1943	3.05 5/1941	3.92 5/1941	4.70 5/1941	5.29 4-5/1941
Jun.	Amt. Date	1.46 21/1947	1.52 10/1941	1.74 10/1941	2.08 15/1940	2.08 15/1940	2.79 10-11/1941
Jul.	Amt. Date	2.04 28/1945	2.20 28/1945	2.21 28/1945	2.63 12/1945	2.74 12/1945	2.74 12/1945
Aug.	Amt. Date	1.42 3/1941	1.78 3/1941	2.38 3/1941	2.68 3/1941	2.68 3/1941	4.03 30-31/1944
Sep.	Amt. Date	1.68 25/1945	2.84 25/1945	3.28 25/1945	3.59 25/1945	3.59 25/1945	3.59 25/1945
Oct.	Amt. Date	1.00 13/1943	1.56 4/1949	2.00 4/1949	3.68 4/1949	5.60 4-5/1949	6.39 4-5/1949
Nov.	Amt. Date	1.20 6/1947	1.76 6/1943	2.04 6/1943	2.38 6/1943	2.64 22-23/1940	3.56 22-23/1940
Dec.	Amt. Date	1.34 31/1949	1.94 31/1949	2.22 31/1949	2.54 31-1/1949	3.70 30-31/1944	5.35 30-31/1944
Annual	Amt. Date	2.04 7/28/45	2.84 9/25/45	3.28 9/25/45	3.92 5/5/41	5.60 10/4-5/49	6.39 10/4-5/49

a Also 2-3/1941.

Station: BURRWOOD WB, LOUISIANA

Drainage basin: GULF OF MEXICO

County: PLAQUEMINES

Lat. 28° 58'N Long. 89° 22'W

Elev.(ft.) 5

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	3.45 6/1944	4.05 6/1944	4.56 6/1944	5.51 6/1944	5.95 6/1944	5.99 6-7/1944
Feb.	Amt. Date	2.98 15/1942	5.23 15/1942	6.28 15/1942	7.99 15/1942	8.66 15/1942	8.77 15/1942
Mar.	Amt. Date	1.95 13/1946	2.80 13/1946	3.45 13/1946	3.87 13/1946	4.35 13/1946	5.51 12-13/1946
Apr.	Amt. Date	2.45 9/1944	3.70 9/1944	4.65 9/1944	6.72 9/1944	7.65 9/1944	7.68 9/1944
May	Amt. Date	2.55 20/1946	2.98 20/1946	3.70 20/1946	6.08 20/1946	8.85 20/1946	9.48 19-20/1946
Jun.	Amt. Date	1.60 28/1944	2.08 28/1944	2.49 29/1943	2.79 29/1943	2.96 22/1942	4.61 28-29/1943
Jul.	Amt. Date	2.59 9/1948	2.64 9/1948	2.65 9/1948	2.82 11/1944	3.37 19/1945	4.69 19-20/1945
Aug.	Amt. Date	1.65 5/1943	2.06 5/1943	2.31 5/1943	2.40 5/1943	2.45 16/1949	2.45 16/1949
Sep.	Amt. Date	2.60 27/1950	4.90 27/1950	6.70 27/1950	7.75 27/1950	7.80 27/1950	8.02 26-27/1950
Oct.	Amt. Date	1.67 27/1941	1.90 27/1941	1.92 27/1941	2.15 27/1941	3.00 25-26/1942	3.23 25-26/1942
Nov.	Amt. Date	3.60 1/1948	6.15 1/1948	9.10 1/1948	10.51 1/1948	10.80 1/1948	10.80 1/1948
Dec.	Amt. Date	1.66 20/1946	2.54 27/1945	3.39 27/1945	3.80 27/1945	3.83 27/1945	4.71 27-28/1945
Annual	Amt. Date	3.60 11/1/48	6.15 11/1/48	9.10 11/1/48	10.51 11/1/48	10.80 11/1/48	10.80 11/1/48

Station: CHANDELEUR LIGHTHOUSE, LOUISIANA

Drainage basin: GULF OF MEXICO

County: ST. BERNARD

Lat. 30° 03'N Long. 88° 52'W

Elev.(ft.) 2

Period of record: 1940-1949

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	1.54 14/1946	1.81 14/1946	1.95 14-15/1946	2.05 14-15/1946	2.28 18/1943	2.54 13-15/1946	
Feb.	1.45 18/1949	2.50 18/1949	3.50 18/1949	4.99 18/1949	5.65 18/1949	5.99 18-19/1949	
Mar.	2.00 6/1948	3.95 6/1948	4.40 6/1948	4.98 6/1948	6.51 5-6/1948	8.79 5-6/1948	
Apr.	1.70 3/1941	2.25 3/1941	2.70 3/1941	2.70 3/1941	3.25 19/1944	3.98 18-19/1944	
May	2.65 20/1946	3.55 20/1946	4.25 20/1946	4.61 20/1946	4.81 19-20/1946	4.81 19-20/1946	
Jun.	2.60a 15/1940	3.12 19/1945	3.56 19/1945	3.62 19/1945	3.62b 15/1940	4.04 15-16/1940	
Jul.	1.80 27/1948	2.47 28/1948	2.85 28/1948	3.21 28/1948	3.31 28/1948	5.38 27-28/1948	
Aug.	2.25 4/1944	3.60 4/1944	4.05 4/1944	4.33 3-4/1944	4.75 3-4/1944	4.79 3-4/1944	
Sep.	2.65 18/1943	4.25 18/1943	4.95 18/1943	5.90 18/1943	9.50 18/1943	12.25 18-19/1943	
Oct.	1.20 24/1942	1.25 24/1942	1.25 24/1942	1.25 24/1942	1.60 25-26/1947	1.70 25-26/1947	
Nov.	1.15 7/1943	1.55c 7/1943	1.92 7/1943	2.55 14/1947	4.25 13-14/1947	4.58 13-14/1947	
Dec.	1.35 27/1942	1.55 27/1942	2.00 27/1942	2.15 27-28/1942	2.63 27-28/1942	2.70 27-28/1942	
Annual	2.65d 5/20/46	4.25 9/18/43	4.95 9/18/43	5.90 9/18/43	9.50 9/18/43	12.25 9/18-19/43	

a Also 18/1949.

b Also 19/1945

c Also 19/1948

d Also 9/18/1943

Station: CLINTON, LOUISIANA

Drainage basin: LAKE PONCHARTRAIN

County: EAST FELICIANA

Lat. 30° 53' N Long. 91° 01' W

Elev.(ft.) 113

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.60 5/1946	2.04 5/1946	2.32 5/1946	2.40 5/1946	2.55 6/1945	4.37E 5-6/1950
Feb.	Amt. Date	1.52 8/1949	1.62 8/1949	1.88 5/1943	3.34 5/1943	4.43 5/1943	4.87 4-5/1943
Mar.	Amt. Date	2.20 29/1940	3.53 29/1940	3.77 29/1940	3.96 29/1940	3.96 29/1940	3.96 29/1940
Apr.	Amt. Date	1.58 22/1949	2.06 18/1943	2.26 28/1945	2.66 28/1945	2.72 28/1945	2.76 28-29/1945
May	Amt. Date	1.86 14/1942	2.96 14-15/1942	3.16 14-15/1942	4.38 14-15/1942	4.38 14-15/1942	4.38 14-15/1942
Jun.	Amt. Date	1.38 23/1947	1.60 23/1947	1.76 23/1947	2.22 13/1945	2.26 13/1945	3.44 15-16/1940
Jul.	Amt. Date	1.29 13/1942	1.36 11/1944	1.44 8/1943	1.92 13/1946	1.95 13/1946	2.28 10-11/1940
Aug.	Amt. Date	1.73 12/1942	2.05 8/1944	2.08 8/1944	2.20 8/1944	2.22 8-9/1944	2.36 9-10/1944
Sep.	Amt. Date	3.84 7/1944	5.14 7/1944	5.26 7/1944	5.42 7/1944	5.44 7/1944	5.80 6-7/1944
Oct.	Amt. Date	0.76 5/1945	1.00 25/1945	1.44 25/1945	2.48 24-25/1945	3.33 24-25/1945	3.53 24-25/1945
Nov.	Amt. Date	1.06 6/1943	1.46 7/1943	2.04 7/1943	3.32 6-7/1943	4.04 6-7/1943	4.20 6-7/1943
Dec.	Amt. Date	1.24 27/1942	1.96 5/1950	2.26 5/1950	3.02 5/1950	4.16 5/1950	4.16 5/1950
Annual	Amt. Date	3.84 9/7/44	5.14 9/7/44	5.26 9/7/44	5.42 9/7/44	5.44 9/7/44	5.80 9/6-7/44

Station: COLUMBIA, LOUISIANA

Drainage basin: OUACHITA RIVER

County: CALDWELL

Lat. 32° 08' N Long. 92° 05' W

Elev.(ft.) 65

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.06 5/1946	1.31 5/1946	1.54 5/1946	1.97 5/1946	3.32 2/1949	5.12 2-3/1949
Feb.	Amt. Date	1.65 12/1950	3.00 12/1950	3.88 12/1950	4.50 12/1950	5.10 12-13/1950	5.67 12-13/1950
Mar.	Amt. Date	1.20 25/1949	2.40 25/1949	2.90 25/1949	4.50 25/1949	6.21 24-25/1949	6.30 24-25/1949
Apr.	Amt. Date	2.10 10/1947	3.00 10/1947	3.43 10/1947	5.31 10/1947	8.45 10/1947	8.48 10/1947
May	Amt. Date	1.80 25/1946	2.01 14/1942	2.35 25/1946	3.23 14/1942	3.33 14/1942	3.33 14/1942
Jun.	Amt. Date	2.10 8/1946	2.20 8/1946	2.85 11/1945	4.35 11/1945	6.55 11/1945	6.79 11-12/1945
Jul.	Amt. Date	1.33 25/1945	1.73 25/1945	1.80 25/1945	1.85 25/1945	2.33 6-7/1940	2.71 6-7/1940
Aug.	Amt. Date	1.25 3/1941	1.45 31/1944	1.60 31/1944	1.71 31/1944	1.75 31/1944	2.18 30-31/1944
Sep.	Amt. Date	0.75 21/1947	1.18 23/1940	1.36 23/1940	1.66 23/1940	2.00 23-24/1940	3.41 19-20/1947
Oct.	Amt. Date	0.95 24/1946	1.37 31/1941	1.75 5/1945	2.74 31/1941	3.02 5/1945	4.37 30-31/1941
Nov.	Amt. Date	1.59 18/1948	2.95 18/1948	3.76 18/1948	5.06 18/1948	6.15 18/1948	6.70 18/1948
Dec.	Amt. Date	0.90 2/1950	1.33 31/1947	1.35 31/1944	1.74 31/1944	2.28 31/1947	3.04 26-27/1947
Annual	Amt. Date	2.10a 4/10/47	3.00b 2/12/50	3.88 2/12/50	5.31 4/10/47	8.45 4/10/47	8.48 4/10/47

a Also 6/8/1946. b Also 4/10/1947.

Station: CROWVILLE, LOUISIANA

Drainage basin: OUACHITA RIVER

County: FRANKLIN

Lat. 32° 14' N Long. 91° 37' W

Elev.(ft.) 95

Period of record: 1943-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	1.15 4/1946	1.42 4/1946	1.83 5/1950	2.55 7/1946	3.90 7/1946	4.75 2-3/1949	
Feb.	1.10 2/1950	1.11 2/1950	1.12 2/1950	2.03 12/1950	2.55 12-13/1950	3.23 12-13/1950	
Mar.	1.39 26/1949	2.30 26/1949	2.49 26/1949	2.79 26/1949	3.04 26-27/1949	3.07 26-27/1949	
Apr.	1.08 28/1950	1.29 8/1947	1.37 8/1947	1.56 25/1948	2.23 10-11/1947	2.66 10-11/1947	
May	0.62 15/1950	0.75 15/1945	0.97a 15/1945	1.47 15/1945	2.03 15-16/1945	2.05 15-16/1945	
Jun.	1.33 23/1947	2.43 23/1947	3.06 23/1947	3.38 23/1947	4.02 11/1945	4.22 11-12/1945	
Jul.	2.05 31/1946	2.10 31/1946	2.10 31/1946	2.10 31/1946	2.16 25/1945	2.18 25-26/1945	
Aug.	1.06 25/1950	1.40 30/1950	1.69 30/1950	2.19 30/1950	2.57 30/1950	2.72 30-31/1950	
Sep.	0.85 18/1949	1.05 28/1946	1.21 18/1949	1.26 18/1949	1.26 18/1946	1.26 18/1949	
Oct.	1.35 5/1945	1.55 5/1945	1.95 5/1945	2.95 5/1945	4.60 5/1945	4.67 5/1945	
Nov.	1.63 1/1948	2.93 1/1948	3.45 18/1948	5.85 18/1948	6.15 18/1948	6.15 18/1948	
Dec.	0.87 24/1948	1.46 15-16/1948	1.47 15-16/1948	1.82 14-15/1947	1.82 14-15/1947	1.89 12-13/49	
Annual	2.05 7/31/46	2.93 11/1/48	3.45 11/18/48	5.85 11/18/48	6.15 11/18/48	6.15 11/18/48	

a Also 13/1946.

Station: DARNELL, LOUISIANA

Drainage basin: OUACHITA RIVER

County: WEST CARROLL

Lat. 32° 42' N Long. 91° 27' W

Elev.(ft.) 104

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.10 10/1950	1.29 10/1950	1.37 10/1950	1.92 2/1949	3.60 2-3/1949	5.53 2-3/1949
Feb.	Amt. Date	1.20 28/1950	2.15 28/1950	2.22 28/1950	2.90 12/1950	3.40 12-13/1950	4.80 8-9/1946
Mar.	Amt. Date	1.03a 27/1944	1.40 27/1944	1.75 27/1944	1.92 12/1940	1.97 12-13/1940	2.40 27-28/1944
Apr.	Amt. Date	2.45 10/1947	3.80 10/1947	4.88 10/1947	6.10 10-11/1947	8.75 10-11/1947	8.87 10-11/1947
May	Amt. Date	1.15 1/1950	2.05 1/1950	2.25 25/1946	3.05 25/1946	3.15 15-16/1945	3.54 30-1/1950
Jun.	Amt. Date	1.99 11/1944	2.01 11/1944	2.01 11/1944	3.42E 21/1950	3.82 21/1950	4.17 21/1950
Jul.	Amt. Date	2.55 7/1940	3.39 7/1940	3.56 7/1940	3.58 7/1940	3.89 7/1940	4.19 6-7/1940
Aug.	Amt. Date	2.65 2/1940	2.95 2/1940	2.95 2/1940	2.95 2/1940	3.12 2-3/1940	3.55 2-3/1940
Sep.	Amt. Date	0.94 3/1943	1.00 8/1949	1.27 8/1949	1.48 16/1942	1.70 16/1942	1.78 16-17/1942
Oct.	Amt. Date	1.30 25/1942	2.23 25/1942	2.46 25/1942	2.65 25/1942	2.91 4-5/1949	3.25 30-31/1941
Nov.	Amt. Date	1.61 1/1948	2.15 18/1948	2.95 18/1948	3.60 18/1948	5.29 18/1948	5.99 18/1948
Dec.	Amt. Date	1.70 15/1948	2.00 15/1948	2.45 15/1948	3.80 15/1948	3.98 15-16/1948	4.06 15-16/1948
Annual	Amt. Date	2.65 8/2/40	3.80 4/10/47	4.88 4/10/47	6.10 4/10-11/47	8.75 4/10-11/47	8.87 4/10-11/47

a Also 26/1949.

Station: DODSON, LOUISIANA

Drainage basin: RED RIVER

County: WINN

Lat. 32° 06' Long. 92° 35' W

Elev.(ft.) 200

Period of record: 1940-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.91 5/1946	1.20 27/1949	1.60 27/1949	1.70 27/1949	1.94 3/1946	2.82 16-17/1947	
Feb.	1.10 26/1946	1.19 12/1950	1.55 8/1946	2.23 12/1950	2.94 12/1950	4.80 8-9/1946	
Mar.	1.40 1/1948	1.60 1/1948	1.60a 1/1948	2.30 24-25/1949	3.00 24-25/1949	3.31 24-25/1949	
Apr.	1.07 8/1942	1.25 30/1944	1.46 30/1944	1.63 8/1942	3.15 8/1942	3.18 7-8/1942	
May	1.82 18/1947	2.02 18/1947	2.02 18/1947	2.02 18/1947	2.52 1/1944	2.70 4-5/1941	
Jun.	1.42 14/1949	1.95 9/1948	2.08 9/1948	2.51 3/1950	3.89 3/1950	5.16 2-3/1950	
Jul.	2.40 19/1946	2.60 19/1946	2.75 19/1946	2.87 19/1946	2.87 19/1946	3.45 5-6/1950	
Aug.	1.90 3/1941	3.50 3/1941	3.60 3/1941	3.85 3/1941	3.85 3/1941	3.85 3/1941	
Sep.	1.42 19/1949	1.77 19/1949	1.77 19/1949	2.30 19/1947	3.92 19/1947	4.33 19-20/1947	
Oct.	0.95 10/1948	1.60 10/1948	1.92 31/1941	2.77 31/1941	3.85 31/1941	5.23 30-31/1941	
Nov.	2.00 9/1946	2.18 9/1946	2.30b 23/1940	3.38 23/1940	5.27 23/1940	7.45 23-24/1940	
Dec.	3.10 10/1949	3.30 10/1949	3.40 10/1949	3.62 10/1949	3.85 28/1948	4.20 28-29/1948	
Annual	3.10 12/10/49	3.50 8/3/41	3.60 8/3/41	3.85 8/3/41	5.27 11/23/40	7.45 11/23-24/40	

a Also 25/1949

b Also 9/1946.

Station: FRENCH SETTLEMENT, LOUISIANA

Drainage basin: LAKE PONCHARTRAIN

County: LIVINGSTON

Lat. 30° 18' N Long. 90° 48' W

Elev.(ft.) 14

Period of record: 1940-1950 (BREAKS)

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	2.42 26/1941	2.44 26/1941	2.70 1/1942	3.14 31-1/1942	3.42 31-1/1942	3.50 31-1/1942	
Feb.	1.40 13/1950	2.80 13/1950	3.43 13/1950	4.01 13/1950	5.25 13/1950	5.58 13/1950	
Mar.	2.75 13/1950	3.40 13/1950	3.66 13/1950	4.11 13/1950	6.10 12-13/1947	6.10 12-13/1947	
Apr.	0.80 13/1947	1.29 21/1949	1.53 21/1949	1.90 21/1949	1.90 21/1949	2.63 20-21/1949	
May	1.75 13/1945	2.09 13/1945	2.34 13/1945	2.62 12/1946	4.22 31/1946	5.39 31-1/1946	
Jun.	2.37 19/1941	3.74 19/1941	3.79 19/1941	3.80 19/1941	4.20 31-1/1946	5.39 31-1/1946	
Jul.	1.70 12/1949	2.32 13/1949	2.42 13/1949	2.48 13/1949	2.50 13/1949	4.33 12-13/1949	
Aug.	1.45 11/1944	2.20 11/1944	2.20 11/1944	2.61 7/1940	3.82 7/1940	4.73 6-7/1940	
Sep.	1.69 19/1943	2.32 19/1943	2.76 23/1940	3.96 19/1943	5.90E 16/1942	7.96 15-16/1942	
Oct.	0.75 2/1941	1.31 2/1941	1.58 2/1941	2.11 2/1941	2.56 25/1942	3.59 1-2/1941	
Nov.	2.14 5/1943	2.25 5-6/1943	2.35 5-6/1943	2.61 11/1947	3.76 10-11/1947	4.30 26/1948	
Dec.	1.55 13/1940	1.74 15/1940	1.86 13/1940	3.14 31-1/1941	3.42 31-1/1941	3.50 31-1/1941	
Annual	2.75 3/13/50	3.74 6/19/41	3.79 6/19/41	4.11 3/13/50	6.10 3/12-13/47	7.96 9/15-16/42	

Station: GLENMORA, LOUISIANA

Drainage basin: ATCHAFALAYA RIVER

County: RAPIDES

Lat. 30° 58'N Long. 92° 35'W

Elev.(ft) 136

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	2.00 16/1949	2.80 16/1949	3.05 16/1949	3.19 16/1949	3.54 16-17/1949	3.73 16-17/1949
Feb.	Amt. Date	1.31 15/1942	1.66 15/1942	1.81 15/1942	1.99 15/1942	2.71 12-13/1950	3.61 12-13/1950
Mar.	Amt. Date	2.68 15/1945	2.91 15/1945	3.81 15/1945	3.92 15/1945	4.75 18-19/1944	5.55 18-19/1944
Apr.	Amt. Date	2.60 22/1949	3.50 13/1947	4.00 13/1947	4.49 12-13/1947	5.60 12-13/1947	6.15 12-13/1947
May	Amt. Date	1.45 16/1945	2.00 28/1950	2.32 5/1941	3.34 5/1941	4.02 5/1941	4.42 4-5/1941
Jun.	Amt. Date	3.55 24/1947	5.50 24/1947	6.60 24/1947	7.65 24/1947	7.91 24/1947	7.91 24/1947
Jul.	Amt. Date	2.04 16/1949	2.77 16/1949	2.81 16/1949	3.27 11/1948	3.27 11/1948	4.22 15-16/1949
Aug.	Amt. Date	2.62 4/1940	3.69 4/1940	3.92 4/1940	4.49 4/1940	4.54 4/1940	5.50 7-8/1940
Sep.	Amt. Date	1.61 5/1944	2.61 1/1943	2.83 1/1943	3.06 1/1943	3.08 1/1943	3.50 23-24/1941
Oct.	Amt. Date	3.05 25/1945	3.05 25/1945	3.24 30/1941	4.20 30/1941	5.30 30/1941	5.40 30/1941
Nov.	Amt. Date	2.23 6/1943	3.65 27/1948	4.85 27/1948	6.07 27-28/1948	6.25 27-28/1948	6.28 27-28/1948
Dec.	Amt. Date	1.14 17/1949	1.67 17/1949	2.01 14/1947	2.98 17/1949	3.95 17/1949	3.98 17-18/1949
Annual	Amt. Date	3.55 6/24/47	5.50 6/24/47	6.60 6/24/47	7.65 6/24/47	7.91 6/24/47	7.91 6/24/47

Station: GLOSTER, LOUISIANA

Drainage basin: RED RIVER

County: DESOTA

Lat. 32° 12' N Long. 93° 50' W

Elev.(ft.) 300 EST

Period of record: 1940-1946 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	2.00 4/1946	3.15 4/1946	4.10 4/1946	5.80 4-5/1946	6.16 4-5/1946	6.16 4-5/1946
Feb.	Amt. Date	1.10 8/1940	1.82 8/1940	2.42 8/1940	2.52 8-9/1940	2.70 8-9/1940	2.94 8-9/1940
Mar.	Amt. Date	0.85 28/1944	1.16 28/1944	1.66 28/1944	1.81 28/1944	2.48 31-1/1945	3.24 28/1945
Apr.	Amt. Date	1.40 29/1944	2.48 29/1944	3.18 29/1944	3.29 29-30/1944	3.29 29-30/1944	3.29 29-30/1944
May	Amt. Date	1.28 24/1943	1.33 24/1943	1.60 18/1942	2.23 18/1942	3.14E 5/1941	4.16 4-5/1941
Jun.	Amt. Date	1.55 7/1941	2.56 7/1941	3.16 7/1941	3.18 7/1941	3.89 6-7/1941	4.07 6-7/1941
Jul.	Amt. Date	1.90 26/1941	2.40 26/1941	2.40 26/1941	2.40 26/1941	2.40 26/1941	4.22 25-26/1941
Aug.	Amt. Date	2.25 3/1941	2.35 3/1941	2.45 3/1941	2.50 3/1941	2.60 3/1941	2.60 3/1941
Sep.	Amt. Date	0.77 20/1942	0.79 20/1942	1.04 20/1942	1.06 7/1942	1.29 7/1942	1.29 7/1942
Oct.	Amt. Date	1.23 30/1941	2.33 30/1941	3.03 30/1941	3.60 30-31/1941	4.80 30-31/1941	6.25 30-31/1941
Nov.	Amt. Date	0.94 23/1940	1.60 22-23/1940	1.86 22-23/1940	2.98E 22-23/1940	5.40 22-23/1940	6.57 22-23/1940
Dec.	Amt. Date	0.80 7/1940	1.04 7/1940	1.14 7/1940	1.89 30/1944	2.91 29-30/1944	3.55 26-27/1940
Annual	Amt. Date	2.25 8/3/41	3.15 1/4/46	4.10 1/4/46	5.80 1/4-5/46	6.16 1/4-5/46	6.57 11/22-23/40

Station: GRAND ISLE, LOUISIANA

Drainage basin: GULF OF MEXICO

County: JEFFERSON

Lat. 29° 14'N Long. 90° 00'W

Elev.(ft.) 2

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.80 5/1946	2.85 5/1946	3.68 12/1944	4.58 12/1944	6.20 12/1944	7.15 12-13/1944
Feb.	Amt. Date	1.00 9/1942	1.68 9/1942	2.00 9/1942	2.69 9/1942	3.39 9-10/1942	3.44 9-10/1942
Mar.	Amt. Date	2.50 27/1946	4.70 27/1946	5.65 27/1946	8.30 27/1946	9.91 27/1946	9.91 27/1946
Apr.	Amt. Date	2.05 10/1949	2.65 10/1949	3.35 10/1949	5.30 10/1949	5.67 10-11/1949	5.75 10-11/1949
May	Amt. Date	1.38 12/1942	2.60 12/1942	3.28 12/1942	3.42 12/1942	3.42 12/1942	3.42 12/1942
Jun.	Amt. Date	2.50 29/1946	3.25 20/1947	4.18 6/1950	4.64 6/1950	5.69 18/1941	7.09 18-19/1941
Jul.	Amt. Date	3.45 19/1945	3.95 5/1950	4.50 5/1950	4.57 5/1950	4.68 20-21/1945	6.20 20-21/1945
Aug.	Amt. Date	3.20 11/1949	4.45 11/1949	5.20 11-12/1949	5.40 11-12/1949	5.40 11-12/1949	8.10 11-12/1949
Sep.	Amt. Date	3.20 3/1948	4.45 3/1948	5.35 3/1948	6.61 3/1948	7.30 3/1948	7.95 12-13/1948
Oct.	Amt. Date	1.25 5/1943	1.65 5/1943	1.90 5/1943	1.95 5/1943	2.64E 18-19/1950	5.28E 18-19/1950
Nov.	Amt. Date	2.69 1/1948	4.29 1/1948	4.85 1/1948	5.98 1/1948	6.61 1/1948	6.03 1-2/1948
Dec.	Amt. Date	1.90 20/1946	2.53 20/1946	3.08 20/1946	3.71 19-20/1946	3.71 19-20/1946	4.05 13-14/1949
Annual	Amt. Date	3.45 7/19/45	4.70 3/27/46	5.65 3/27/46	8.30 3/27/46	9.91 3/27/46	9.91 3/27/46

Station: HARRISONBURG DAM, LOUISIANA 11812

Drainage basin: OUACHITA RIVER

County: CATAHOULA 11813

Lat. 31° 47' N Long. 91° 49' W

Elev.(ft.) 60 11814

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.27 5/1946	1.49 5/1946	1.74 5/1946	2.65 7/1946	3.25 7/1946	3.38 7-8/1946
Feb.	Amt. Date	1.60 4/1945	2.31 4/1945	3.01 4/1945	3.55 4/1945	5.08 8-9/1946	6.88 8-9/1946
Mar.	Amt. Date	1.30 15/1945	1.80 15/1945	2.05 26/1949	3.40 26-27/1949	4.06 26-27/1949	4.20 26-27/1949
Apr.	Amt. Date	1.53 20/1947	1.84 20/1947	2.30 20/1947	2.55 20/1947	2.71 13/1948	2.76 13-14/1948
May	Amt. Date	1.23 1/1950	1.93 1/1950	2.58 1/1950	3.22 1/1950	3.42 1/1950	5.19 1-2/1950
Jun.	Amt. Date	2.70 8/1949	4.49 14/1945	5.74 14/1945	6.14 14/1945	6.49 14/1945	7.31 13-14/1945
Jul.	Amt. Date	1.90 6/1950	2.95 16/1949	3.25E 16/1949	3.55 16/1949	5.35 16/1949	5.35 16/1949
Aug.	Amt. Date	1.52 15/1945	1.96 19/1950	1.96 19/1950	1.98 19/1950	1.99 19/1950	3.36 5-6/1944
Sep.	Amt. Date	0.82 18/1949	1.15 19/1947	1.55 19/1947	2.55 19/1947	3.41 19/1947	3.65 19-20/1947
Oct.	Amt. Date	1.40 31/1947	1.55 31/1947	1.55 31/1947	1.55 31/1947	1.82 17-18/1950	2.21 17-18/1950
Nov.	Amt. Date	2.20 18/1948	2.65 18/1948	2.85 18/1948	5.30 18/1948	6.32 18/1948	6.47 18/1948
Dec.	Amt. Date	1.39 2/1950	1.57 15/1947	2.06 14-15/1947	2.46 14-15/1947	2.54 14-15/1947	2.54 14-15/1947
Annual	Amt. Date	2.70 6/8/49	4.49 6/14/45	5.74 6/14/45	6.14 6/14/45	6.49 6/14/45	7.31 4/13-14/45

Station: HICKORY GROVE, LOUISIANA

Drainage basin: RED RIVER

County: RAPIDES

Lat. 31° 26' N Long. 92° 14' W

Elev.(ft.) 75

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.98 5/1946	2.33 5/1946	2.33 5/1946	2.33 5/1946	2.45 2-3/1949	2.47 2-3/1949
Feb.	Amt. Date	1.35 2/1950	1.52 12/1950	1.58 12/1950	2.40 9/1946	3.40 8-9/1946	4.47 8-9/1946
Mar.	Amt. Date	1.60 20/1949	1.85 20/1949	1.95 20/1949	2.70 20/1949	3.57 26-27/1949	3.83 26-27/1949
Apr.	Amt. Date	1.96 20/1947	2.51 20/1947	3.09 20/1947	3.22 20/1947	4.16 8/1942	4.22 7-8/1942
May	Amt. Date	1.85 25/1948	2.05 6/1946	2.15 13/1950	3.38 13/1950	3.48 13/1950	5.00 4-5/1941
Jun.	Amt. Date	1.64 10/1949	2.02 23/1947	2.52 23/1947	3.65 23/1947	4.40 23/1947	4.40 23/1947
Jul.	Amt. Date	2.89 13/1950	2.90 13/1950	2.92 13/1950	2.95 13/1950	2.95 13/1950	3.43 12-13/1949
Aug.	Amt. Date	1.62 3/1941	1.86 3/1941	2.05 3/1941	2.41 3/1941	2.46 3/1941	2.46 3/1941
Sep.	Amt. Date	1.89 4/1940	2.12 4/1940	2.40 1/1943	2.75 19/1947	3.68 19/1947	3.93 19-20/1947
Oct.	Amt. Date	1.23 30/1941	1.74 31/1940	2.00 29/1941	3.45 29/1941	3.75 29/1941	4.90 29-30/1941
Nov.	Amt. Date	1.70 18/1948	2.18 11/1940	2.53 11/1940	2.90 11/1940	4.85 18/1948	4.98 18/1948
Dec.	Amt. Date	1.60 27/1942	1.89 14-15/1947	2.63 27/1942	4.44 27/1942	5.04 26-27/1942	5.31 26-27/1942
Annual	Amt. Date	2.89 7/13/50	2.90 7/13/50	3.09 4/20/47	4.44 12/27/42	5.04 12/26-27/42	5.31 12/26-27/42

Station: HOLLY SPRINGS, LOUISIANA

Drainage basin: RED RIVER

County: RED RIVER

Lat. 32° 07' N Long. 93° 14' W

Elev.(ft.) 245

Period of record: 1947-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.73 2/1949	0.75 2/1949	0.91 2/1949	1.39 2/1949	2.40 2/1949	2.75 2/1949
Feb.	Amt. Date	0.77 12/1950	0.96 12/1950	1.23 12/1950	1.31 12/1950	2.10 8/1948	2.26 8-9/1948
Mar.	Amt. Date	0.67 24/1949	1.00 21/1949	1.33 21/1949	1.38 21/1949	1.80 24-25/1949	2.56 24-25/1949
Apr.	Amt. Date	1.65 13/1948	1.93 13/1948	2.10 13/1948	2.55 12-13/1948	3.95 12-13/1948	4.32 12-13/1948
May	Amt. Date	1.15 4/1948	1.20 4/1948	1.27 28/1950	1.59 28/1950	1.91 27/1948	3.19 26-27/1948
Jun.	Amt. Date	1.46 14/1949	2.00 3/1950	2.44 3/1950	3.34 2-3/1950	4.65 2-3/1950	5.06 2-3/1950
Jul.	Amt. Date	0.83 6/1950	0.95 6/1950	1.00 6/1950	1.95 6/1950	2.89 6/1950	2.90 6/1950
Aug.	Amt. Date	0.50 6/1949	0.58a 6/1949	0.72 30/1950	0.73 30/1950	0.73 30/1950	1.03 6-7/1949
Sep.	Amt. Date	0.67 15/1949	0.70 15/1949	0.81 19/1947	1.55 19/1947	2.70 19-20/1947	3.11 19-20/1947
Oct.	Amt. Date	0.73 4/1949	1.20 4/1949	1.62 4/1949	2.73 4/1949	3.62 4/1949	4.15 3-4/1949
Nov.	Amt. Date	0.51 10/1947	0.74 10/1947	0.78 10/1947	1.13b 10/1947	1.21b 17-18/1947	1.76 17-18/1947
Dec.	Amt. Date	0.93 10/1949	1.28 10/1949	1.50 10/1949	1.70 10/1949	1.74 10-11/1949	1.80 10-11/1949
Annual	Amt. Date	1.65 4/13/48	2.00 6/3/50	2.44 6/3/50	3.34 6/2-3/50	4.65 6/2-3/50	5.06 6/2-3/50

a Also 30/1950. b Also 21/1948.

Station: HOUMA, LOUISIANA

Drainage basin: GULF OF MEXICO

County: TERREBONNE

Lat. 29° 35'N Long. 90° 44'W

Elev.(ft.) 13

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.00 13/1947	1.76 13/1947	2.01 13/1947	3.52 13/1947	3.89 13/1947	4.00 13/1947
Feb.	Amt. Date	3.00 11/1945	3.25 11/1945	3.42 11/1945	3.67 11/1945	4.23 14-15/1942	4.64 14-15/1942
Mar.	Amt. Date	1.51 5/1948	2.30 29/1949	2.59 29/1949	3.52 29/1949	6.11 29/1949	6.11 29/1949
Apr.	Amt. Date	1.75 11/1947	2.86 23/1944	3.57 23/1944	3.59 23/1944	3.74 23/1944	3.74 23/1944
May	Amt. Date	1.48 20/1950	2.81 12/1942	3.38 12/1942	3.58 12/1942	3.62 12/1942	4.52 20/1947
Jun.	Amt. Date	2.21 22/1942	2.48 22/1942	2.77 22/1942	2.94 22/1942	4.10 22/1942	4.42 21-22/1942
Jul.	Amt. Date	2.90 4/1942	2.97 4/1942	3.16 2/1942	3.55 4/1942	3.91 4/1942	4.07 4-5/1942
Aug.	Amt. Date	2.00 12/1945	2.00 12/1945	2.00 12/1945	2.05 17/1945	2.42 17/1945	2.90 16-17/1945
Sep.	Amt. Date	2.06 8/1945	2.45 19/1943	3.00 19/1943	3.64 19/1943	3.87 19/1943	5.55E 17-18/1943
Oct.	Amt. Date	2.27 25/1942	2.81 25/1942	3.33 25/1942	4.73 25/1942	6.62 25/1942	8.64 25-26/1942
Nov.	Amt. Date	1.90 20/1947	1.99 16/1948	2.11 16/1948	2.42 16/1948	2.83E 8/1944	5.66 8-9/1944
Dec.	Amt. Date	1.02 10/1947	1.60 10/1947	1.80 10/1947	1.90 10/1947	2.42 11/1947	2.60 10-11/1947
Annual	Amt. Date	3.00 2/11/45	3.25 2/11/45	3.57 4/23/44	4.73 10/25/42	6.62 10/25/42	8.64 16/25-26/42

Station: HUNTER, LOUISIANA*

Drainage basin: SABINE RIVER

County: DESOTA

Lat. 31° 59'N Long. 93° 50'W

Elev.(ft.) 270

Period of record: 1940-1946

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.05 30/1942	1.13 30/1942	1.30 1/1941	1.52 4/1940	1.89 18/1945	1.89 18/1945
Feb.	Amt. Date	0.65 8/1940	1.00a 8/1940	1.28 5/1946	1.64 5/1946	2.22 19-20/1941	3.35 8-9/1946
Mar.	Amt. Date	1.30 26/1946	1.40 25/1946	1.90 25/1946	3.18 25/1946	3.50 25/1946	3.80 31-1/1945
Apr.	Amt. Date	1.42 29/1940	2.10 29/1944	2.20 29-30/1944	2.30 29-30/1944	3.15 31-1/1945	3.80 31-1/1945
May	Amt. Date	2.78 5/1941	3.50 5/1941	4.00 5/1941	4.90 5/1941	5.20 4-5/1941	5.49 5/1941
Jun.	Amt. Date	0.97 14/1945	1.52 14/1945	1.54 14/1945	2.09 16/1941	2.31 16/1941	3.21 15-16/1941
Jul.	Amt. Date	2.20 31/1946	4.25 31/1946	4.45 31/1946	4.95 31-1/1946	5.10 31-1/1946	5.10 31-1/1946
Aug.	Amt. Date	1.13E 1/1946	2.25 31-1/1946	4.30 31-1/1946	4.95 31-1/1946	5.10 31-1/1946	5.10 31-1/1946
Sep.	Amt. Date	1.05 26/1945	1.30 26/1945	1.30 26/1945	2.04 24/1941	2.25 24/1941	2.37 23-24/1941
Oct.	Amt. Date	0.95 30/1941	1.75 30/1941	2.40 30/1941	3.99 30/1941	5.36 30/1941	6.19 30/1941
Nov.	Amt. Date	3.25 23/1940	4.18 23/1940	5.18 23/1940	5.40 22-23/1940	5.77 22-23/1940	6.65 23/1940
Dec.	Amt. Date	0.95 26/1942	1.10 26/1942	1.46 11/1940	2.55 31/1944	3.85 30-31/1944	4.10 30-31/1944
Annual	Amt. Date	3.25 11/23/40	4.25 7/31/46	5.18 11/23/40	5.40 11/22-23/40	5.77 11/22-23/40	6.65 11/23/40

*Formerly Logansport, Louisiana
a Also 5/1946.

Station: KATYVILLE, LOUISIANA

Drainage basin: RED RIVER

County: CADDO

Lat. 32° 20'N Long. 93° 50'W

Elev.(ft.) 200

Period of record: 1948-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.60 3/1949	0.64 4-5/1950	0.90 4-5/1950	1.16 4-5/1950	1.72 16/1949	1.90 26-27/1949	
Feb.	0.72 12/1950	1.27 12/1950	1.43 12/1950	1.55 12/1950	1.65 12/1950	1.87 12-13/1950	
Mar.	1.18 30/1949	1.24 30/1949	1.25 30/1940	1.25 30/1949	1.25 30/1949	1.30 21-22/1948	
Apr.	0.90 26/1949	1.09 10/1949	1.17 10/1949	1.17 10/1949	1.21 13/1948	1.29 12-13/1948	
May	1.10 10/1948	1.52 11/1948	1.60 11/1948	1.69 10-11/1948	1.95 29-30/1950	3.49 10-11/1948	
Jun.	1.20 19/1949	1.70 19/1949	1.75 19/1949	1.75 19/1949	1.75 19/1949	1.75 19/1949	
Jul.	1.00 4/1949	1.00 4/1949	1.23 6/1950	1.69 6/1950	2.18 6/1950	2.84 5-6/1950	
Aug.	0.69 31/1949	0.78 31/1949	0.85 31/1949	0.96 31/1949	0.96 31/1949	0.96 31/1949	
Sep.	0.84 13/1950	0.92 13/1950	0.94 13/1950	0.95 13/1950	0.95 13/1950	0.95 13/1950	
Oct.	1.30 10/1948	1.67 4/1949	2.35 4/1949	4.41 4/1949	6.75 4/1949	8.02 4-5/1949	
Nov.	0.74 26/1948	0.85E 15/1948	1.28E 15/1948	2.13 15/1948	2.13 15/1948	2.24 14-15/1948	
Dec.	0.95 28/1948	1.20 28/1948	1.26 28/1948	1.38 15/1948	1.50 15/1948	1.50 15/1948	
Annual	1.30 10/10/48	1.70 6/19/49	2.35 10/4/49	4.41 10/4/49	6.75 10/4/49	8.02 10/4-5/49	

Station: LAFAYETTE CAA AP, LOUISIANA

Drainage basin: VERMILLION RIVER

County: LAFAYETTE

Lat. 30° 12' N Long. 91° 59' W

Elev.(ft.) 36

Period of record: 1944-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.66 2/1947	1.00 6/1945	1.20 6/1945	2.15 6/1945	2.33 6/1945	2.49E 5-6/1950
Feb.	Amt. Date	1.08 14/1944	1.23 14/1944	1.38 14/1944	1.97 13/1946	2.24 4-5/1945	2.29 4-5/1945
Mar.	Amt. Date	2.65 21/1949	3.31 21/1949	3.55 21/1949	6.87 12-13/1947	8.07 12-13/1947	8.30 12-13/1947
Apr.	Amt. Date	1.50 24/1945	1.64 12/1947	1.80 12/1947	2.02E 12/1947	2.35 12/1947	2.95 29-30/1950
May	Amt. Date	1.77 15/1945	3.17 15/1945	3.99 15/1945	4.01 15-16/1945	4.05 15-16/1945	4.05 15-16/1945
Jun.	Amt. Date	2.00 18/1945	2.03a 18/1945	2.44 19/1950	2.59 19/1950	2.70 19/1950	4.16 19-20/1950
Jul.	Amt. Date	3.15 24/1944	3.60 24/1944	3.60 24/1944	3.60 24/1944	3.60 24/1944	3.60 24/1944
Aug.	Amt. Date	3.25 15/1949	4.35 15/1949	5.00 15/1949	5.22 15/1949	5.25 15/1949	5.25 15/1949
Sep.	Amt. Date	1.23 9/1948	1.90 9/1948	1.90 9/1948	1.90 9/1948	2.06 12-13/1948	2.56 12-13/1948
Oct.	Amt. Date	2.15 30/1949	2.45 30/1949	2.51 30/1949	3.39E 7/1949	4.00 7/1949	4.03 7-8/1949
Nov.	Amt. Date	1.67 14/1947	2.00 25/1944	2.40 25/1944	2.90 25/1944	3.33E 26/1948	4.72 26/1948
Dec.	Amt. Date	1.40 26/1950	2.06 26/1950	2.21 26-27/1950	2.89 5/1950	4.16 5/1950	4.41E 5-6/1950
Annual	Amt. Date	3.25 8/15/49	4.35 8/15/49	5.00 8/15/49	6.87 3/12-13/47	8.07 3/12-13/47	8.30 3/12-13/47

a Also 19/1950.

Station: LAKE ARTHUR, LOUISIANA

Drainage basin: MERMENTAU RIVER

County: CAMERON

Lat. 29° 59' N Long. 92° 47' W

Elev.(ft.) 10

Period of record: 1945-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.20 16/1949	1.30 16/1949	1.59 16/1949	2.10 16/1949	2.75 5-6/1950	3.95 5-6/1950
Feb.	Amt. Date	0.86 13/1946	0.91 13/1946	1.01 13/1946	1.23 18/1946	1.67 13/1950	1.99E 12-13/1950
Mar.	Amt. Date	1.12 21/1949	1.60 21/1949	1.70 21/1949	1.78 21/1949	2.00 12-13/1946	2.04 12-13/1946
Apr.	Amt. Date	1.05 25/1948	1.38 25/1948	1.67 25/1948	2.09 25-26/1948	2.50 25-26/1948	2.50 25-26/1948
May	Amt. Date	2.35 15/1946	3.40 15/1946	3.75 15/1946	3.98 15/1946	4.83 15/1946	4.85 15/1946
Jun.	Amt. Date	0.69 20/1950	1.09 20/1950	1.74 20/1950	1.89 20/1950	2.46E 2-3/1950	2.93 2-3/1950
Jul.	Amt. Date	1.25 3/1945	2.15 3/1945	2.20 3/1945	2.20 3/1945	2.20 3/1945	2.80 3-4/1949
Aug.	Amt. Date	1.20 16/1948	2.40 16/1948	2.42 16/1948	2.54 26/1948	3.44 26/1948	3.54 25-26/1948
Sep.	Amt. Date	0.94 18/1950	1.22 13/1948	1.30 12-13/1948	1.92 22/1946	2.72 22/1946	2.72 22/1946
Oct.	Amt. Date	1.96 20/1949	2.56 20/1949	3.13 20/1949	3.39 4/1949	4.59 4/1949	4.83 3-4/1949
Nov.	Amt. Date	0.72 28/1946	1.30 28/1946	1.69 28/1946	1.85E 28/1946	1.98E 28/1946	2.13 28/1946
Dec.	Amt. Date	0.99 9/1947	1.24 9/1947	1.26 9/1947	1.55 9/1947	1.59 9/1947	2.75 22-23/1945
Annual	Amt. Date	2.35 5/15/46	3.40 5/15/46	3.75 5/15/46	3.98 5/15/46	4.83 5/15/46	4.85 5/15/46

Station: LAKE CHARLES WB AP, LOUISIANA

Drainage basin: CALCASIEU RIVER

County: CALCASIEU

Lat. 30° 13' N Long. 93° 09' W

Elev.(ft.) 12

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.44 5/1946	1.59 5/1946	1.87 5/1946	3.31 31-1/1942	4.80 31-1/1942	5.18 31-1/1942
Feb.	Amt. Date	1.92 20/1943	1.96 20/1943	2.13 20/1943	2.23 4-5/1943	3.97 4-5/1943	4.97 4-5/1943
Mar.	Amt. Date	2.52 21/1949	3.01 21/1949	3.04 21/1949	4.10 25/1943	4.32 25/1943	4.32 25/1943
Apr.	Amt. Date	1.88 23/1944	2.58 23/1944	3.26 22-23/1944	4.08 22-23/1944	4.10 22-23/1944	4.10 22-23/1944
May	Amt. Date	2.70 15/1945	3.96 15/1945	4.04 15/1945	4.04 15/1945	4.05 15-16/1945	5.34 27-28/1941
Jun.	Amt. Date	3.95 19/1947	6.52 19/1947	9.70 19/1947	15.38 19/1947	15.79 19/1947	16.00 18-19/1947
Jul.	Amt. Date	3.00 3/1945	3.73 3/1945	3.74 3/1945	3.75 3/1945	3.75 3/1945	4.20 21-22/1942
Aug.	Amt. Date	1.31 28/1946	1.92 7/1940	2.71 7/1940	4.76 7/1940	6.29 7/1940	9.54 7-8/1940
Sep.	Amt. Date	2.47 25/1946	2.72 25/1946	2.74 25/1946	3.01 25/1946	3.04 25/1946	4.75 16-17/1943
Oct.	Amt. Date	1.62 5/1942	1.84 5/1942	1.94 5/1942	2.37 4/1949	3.26 4/1949	3.77 3-4/1949
Nov.	Amt. Date	1.86 24/1944	2.64 24-25/1944	2.97 24-25/1944	3.50 24-25/1944	4.22 6-7/1943	4.41 6-7/1943
Dec.	Amt. Date	1.91 31/1941	2.93 31/1941	3.20 31/1941	4.09 22/1941	4.86 31/1941	5.18 31-1/1941
Annual	Amt. Date	3.95 6/19/47	6.52 6/19/47	9.70 6/19/47	15.38 6/19/47	15.79 6/19/47	16.00 6/18-19/47

Station: LEESVILLE, LOUISIANA

Drainage basin: SABINE RIVER

County: VERNON

Lat. 31° 08' Long. 93° 16'W

Elev.(ft.) 240

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.48 5/1946	1.83 5/1946	2.20 7/1946	2.40 7/1946	2.50 7/1946	2.85 7-8/1946
Feb.	Amt. Date	2.15 12/1950	2.67 12/1950	3.42 13/1950	4.57 13/1950	5.40 12-13/1950	5.93 12-13/1950
Mar.	Amt. Date	1.90 21/1949	2.33 21/1949	2.51 21/1949	2.55 21/1949	3.74 31-1/1945	4.61 31-1/1945
Apr.	Amt. Date	1.70 22/1944	2.23 28/1950	2.40 28/1950	3.22 21/1945	3.86 1/1945	4.61 31-1/1945
May	Amt. Date	1.75a 15/1945	2.45 29/1946	2.58 29/1946	3.11 4/1942	3.37 4/1941	4.11E 4-5/1941
Jun.	Amt. Date	1.46 7/1941	2.70 23/1947	3.10 23/1947	3.49 23/1947	4.34 2-3/1950	4.70 2-3/1950
Jul.	Amt. Date	1.49 2/1941	2.00 2/1941	2.20 2/1941	2.55 2/1941	2.57 2/1941	3.36 2-3/1941
Aug.	Amt. Date	2.49 29/1944	3.04 29/1944	3.19 29/1944	3.20 29/1944	5.38 8/1940	6.55 7-8/1940
Sep.	Amt. Date	2.75 4/1944	3.42 4/1944	3.57 4/1944	3.67 4/1944	3.70 4-5/1944	3.75 3-4/1944
Oct.	Amt. Date	1.25 10/1946	1.45 24/1945	1.70 24/1945	2.50b 10/1946	3.81 4/1949	4.21 3-4/1949
Nov.	Amt. Date	1.53 16/1948	2.78 16/1948	4.00 16/1948	5.28 18/1948	6.82 18/1948	7.65 18/1948
Dec.	Amt. Date	1.18 10/1946	1.38 10/1946	1.44 10/1946	2.10 17/1949	2.43 17/1949	3.15 11-12/1940
Annual	Amt. Date	2.75 9/4/44	3.42 9/4/44	4.00 11/16/48	5.28 11/18/48	6.82 11/18/48	7.65 11/18/48

a Also 29/1946.

b Also 4/1949.

Station: LEFISWORTH, LOUISIANA

Drainage basin: ATCHAFALAYA RIVER

County: POINT COUPEE

Lat. 30° 58'N Long. 91° 43'W

Elev.(ft.) 28

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.01 13/1947	1.39 13/1947	1.84 13/1947	2.54 12-13/1947	3.60 12-13/1947	6.13 5-6/1950
Feb.	Amt. Date	1.04 6/1946	1.41 6/1946	1.62 6/1946	2.12 4-5/1945	2.65 5/1943	4.06 4-5/1943
Mar.	Amt. Date	1.54 2/1948	2.74 1/1948	3.70 1-2/1948	4.69 1-2/1948	4.77 1-2/1948	7.63 1-2/1948
Apr.	Amt. Date	2.50 21/1949	3.00 21/1949	3.30 21/1949	3.39 21/1949	3.45 21/1949	5.07 21-22/1949
May	Amt. Date	1.97 13/1950	2.33 4/1942	3.07 17/1946	3.09 17/1946	3.45 17/1946	3.46 17/1946
Jun.	Amt. Date	1.56 9/1949	1.81 26/1946	2.20 23/1947	2.80 23/1947	3.04 23/1947	3.04 23/1947
Jul.	Amt. Date	2.17 3/1949	3.97 3/1949	3.99 3/1949	4.09 3/1949	4.16 3/1949	4.39 3-4/1949
Aug.	Amt. Date	1.57 15/1949	1.94 28/1950	2.00 28/1950	2.02 28/1950	2.02 28/1950	2.14 28-29/1950
Sep.	Amt. Date	2.05 1/1943	3.05 1/1943	3.45 1/1943	4.48 19/1947	4.96 19/1947	5.18 19-20/1947
Oct.	Amt. Date	1.20 5/1945	1.70 10/1948	1.84 10/1948	1.95 10/1948	2.14 24-25/1945	2.99 5-6/1945
Nov.	Amt. Date	2.25 4/1947	2.89 4/1947	3.07 4/1947	3.40 8/1944	4.47 10/1946	5.68 10-11/1946
Dec.	Amt. Date	2.38 16/1948	2.96 16/1948	3.39 16/1948	4.78 16/1948	4.85 16/1948	4.87 15-16/1948
Annual	Amt. Date	2.50 4/21/49	3.97 7/3/49	3.99 7/3/49	4.78 12/16/48	4.96 9/19/47	7.63 3/1-2/48

Station: MANY, LOUISIANA

Drainage basin: SABINE RIVER

County: SABINE

Lat. 31° 34'N Long. 93° 29'W

Elev.(ft) 230

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.70 8/1946	2.90 8/1946	3.20 8/1946	3.60 8/1946	3.65 8/1946	3.80 7-8/1946
Feb.	Amt. Date	0.81 2/1950	1.04 14/1944	1.18 14/1944	1.58 21/1949	1.88 21/1949	2.67E 8-9/1948
Mar.	Amt. Date	1.20 27/1946	1.40 27/1946	1.40 27/1946	1.79 25/1943	3.20 31-1/1945	4.24 31-1/1945
Apr.	Amt. Date	1.08 29/1950	1.65 1/1945	1.85 1/1945	2.10 1/1945	3.20 31-1/1945	4.24 31-1/1945
May	Amt. Date	2.85 1/1950	3.66 1/1950	4.66 1/1950	5.62 1/1950	6.48 1/1950	7.61 1-2/1950
Jun.	Amt. Date	2.30 11/1944	2.41 11/1944	2.41 11/1944	3.07 2-3/1950	6.00 2-3/1950	6.85 2-3/1950
Jul.	Amt. Date	1.40 7/1945	1.70 7/1945	1.70 7/1945	1.70 7/1945	1.74 29-30/1946	2.29 5-6/1950
Aug.	Amt. Date	1.48 27/1944	1.74 10/1943	1.92 10/1943	2.15 31/1944	2.70 30-31/1944	2.79 30-31/1944
Sep.	Amt. Date	1.22 6/1943	1.84 5/1944	2.15 5/1944	2.25 5/1944	2.47 20/1947	2.60 19-20/1947
Oct.	Amt. Date	1.35 31/1941	2.45 31/1941	3.00 31/1941	3.87 31/1941	5.11 30-31/1941	5.83 30-31/1941
Nov.	Amt. Date	1.06 16/1948	1.96 16/1948	2.38 16/1948	3.05 8/1944	3.67 11/1946	4.90 10-11/1946
Dec.	Amt. Date	1.58 26/1942	1.89 11/1949	2.33 11/1949	2.83 11/1949	2.90 11/1949	4.05 30-31/1944
Annual	Amt. Date	2.85 5/1/50	3.66 5/1/50	4.66 5/1/50	5.62 5/1/50	6.48 5/1/50	7.61 5/1-2/50

Station: MINDEN, LOUISIANA

Drainage basin: RED RIVER

County: WEBSTER

Lat. 32° 40'N Long. 93° 19'W

Elev.(ft.) 170

Period of record: 1940-NOVEMBER 1946, DECEMBER 1948-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.95 26/1950	1.35 26/1950	1.38 26/1950	1.48a 1/1941	2.20E 31-1/1950	2.40 31-1/1950	
Feb.	0.70b 8/1940	1.20 25/1944	1.32 8/1944	1.68 8/1944	2.12 8/1944	2.14 8/1944	
Mar.	1.60 12/1940	1.80 12/1940	1.97 12/1940	2.00 12/1940	2.37 6/1941	3.53 28/1944	
Apr.	5.20 26/1942	8.14 26/1942	8.34 26/1942	8.44 25-26/1942	8.62 25-26/1942	8.80 25-26/1942	
May	1.60 29/1950	2.14 29/1950	2.36 29-30/1950	2.89 5/1941	4.08 4-5/1941	4.16 4-5/1941	
Jun.	2.18 19/1949	2.28 19/1949	2.28 19/1949	2.31 19/1949	2.33 19/1949	2.73 31-1/1946	
Jul.	1.30 29/1940	1.84 21/1946	2.09 12/1945	3.30 12/1945	3.37 12/1945	3.38 11-12/1945	
Aug.	1.66 16/1945	2.46 16/1945	2.54 16/1945	3.02 16/1945	3.02 16/1945	3.48 26-27/1946	
Sep.	1.73 25/1945	1.86 13/1950	2.12 13/1950	2.14 13/1950	2.46 19-20/1947	3.06 19-20/1947	
Oct.	1.28 13/1943	1.46 13/1943	1.56 13/1943	1.88 30-31/1941	2.59 30-31/1941	3.74 30-31/1941	
Nov.	0.74 6/1943	0.82c 22/1941	1.13 6/1943	1.96 22/1941	2.52 22/1941	3.38 22-23/1940	
Dec.	0.73 31/1949	1.18 31/1949	1.55 31/1949	1.93 31/1949	2.20E 31-1/1949	2.63 26/1940	
Annual	5.20 4/26/42	8.14 4/26/42	8.34 4/26/42	8.44 4/25-26/42	8.62 4/25-26/42	8.80 4/25-26/42	

a Also 27/1949.

b Also 8/1944.

c Also 6/1943.

Station: MONROE CAA AP, LOUISIANA

Drainage basin: OUACHITA RIVER

County: OUACHITA

Lat. 32° 32' N Long. 92° 04' W

Elev.(ft.) 81

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.82 5/1950	1.27 5/1950	1.93 5/1950	2.56 5/1950	3.17 4-5/1950	3.79E 2-3/1949
Feb.	Amt. Date	0.90 12/1950	1.76 12/1950	1.96 12/1950	2.76 12/1950	3.36 12-13/1950	4.18 8-9/1946
Mar.	Amt. Date	1.50 15/1945	1.81 1/1948	1.90 15/1945	1.94 1/1948	2.42 12/1947	3.56 31-1/1945
Apr.	Amt. Date	1.80 8/1947	2.82 8/1947	3.52 8/1947	4.05 8/1947	4.52 8/1942	4.59 7-8/1942
May	Amt. Date	1.90 21/1944	1.98 21/1944	2.03 21/1944	2.68 20/1947	2.85 20/1947	3.50 1-2/1950
Jun.	Amt. Date	1.85 23/1947	2.65 23/1947	3.28 23/1947	4.75 21/1950	6.12 20-21/1950	6.45 20-21/1950
Jul.	Amt. Date	2.40 12/1949	3.20 25/1945	3.90 25/1945	4.11 25/1945	4.11 25/1945	4.28 18-19/1946
Aug.	Amt. Date	1.53 18/1942	2.14 18/1942	2.36 18/1942	2.38 18/1942	2.38 18/1942	2.54 30-31/1944
Sep.	Amt. Date	1.20 2/1947	1.50 13/1950	1.79 13/1950	1.86 13/1950	1.87 13/1950	2.04 19-20/1947
Oct.	Amt. Date	2.44 30/1941	2.74 30/1941	3.00 30/1941	3.95 5/1945	5.02 5/1945	6.59E 30-31/1941
Nov.	Amt. Date	1.20 10/1946	1.70 6-7/1947	1.92 6-7/1947	2.33 22/1941	3.56 22/1941	3.95 21-22/1941
Dec.	Amt. Date	1.45 31/1944	1.95 31/1944	2.35 15/1948	4.20 15/1948	4.40 15-16/1948	4.40 15-16/1948
Annual	Amt. Date	2.44 10/30/41	3.20 7/25/45	3.90 7/25/45	4.75 6/21/50	6.12 6/20-21/50	6.59E 10/30-31/41

Station: MONTGOMERY, LOUISIANA

Drainage basin: RED RIVER

County: GRANT

Lat. 31° 40'N Long. 92° 53'W

Elev.(ft.) 100

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.95 8/1946	1.25 16/1947	1.95 16/1947	2.80 16/1947	3.39 16/1947	4.25 16-17/1947
Feb.	Amt. Date	1.67 12/1950	1.91 12/1950	2.06 12/1950	2.61 12/1950	3.50 12-13/1950	4.09 12-13/1950
Mar.	Amt. Date	3.04 17/1945	3.19 17/1945	3.20 17/1945	3.20 17/1945	5.68 31-1/1945	7.66 31-1/1945
Apr.	Amt. Date	2.01 10/1947	2.97 10/1947	3.50 10/1947	4.96 13/1948	6.65 1/1945	7.66 31-1/1945
May	Amt. Date	3.00 1/1950	4.03 1/1950	5.06 1/1950	5.72 1/1950	5.93 1/1950	6.61 1-2/1950
Jun.	Amt. Date	1.10 2/1945	1.36 3/1950	1.65a 17/1940	2.45 3/1950	3.31 2-3/1950	4.14 2-3/1950
Jul.	Amt. Date	2.65 13/1945	3.38 13/1945	4.13 8/1940	4.65 8/1940	4.80 8/1940	4.92 7-8/1940
Aug.	Amt. Date	1.92 24/1946	2.20 31/1944	2.45 31/1944	2.65 31/1944	2.65 31/1944	2.96 8-9/1940
Sep.	Amt. Date	0.92 5/1944	1.20 3/1950	1.50 19/1947	2.62 19/1947	3.81 19-20/1947	4.21 19-20/1947
Oct.	Amt. Date	0.98 31/1941	1.77 31/1941	2.07 31/1941	2.98 31/1941	3.56 31/1941	4.32 30-31/1941
Nov.	Amt. Date	3.75 18/1948	5.90 18/1948	6.52 18/1948	6.95 18/1948	7.55 18/1948	7.75 18/1948
Dec.	Amt. Date	1.08 27/1944	1.40 27/1944	1.69 31/1944	1.96 31/1944	2.26 10/1946	3.60 9-10/1946
Annual	Amt. Date	3.75 11/18/48	5.90 11/18/48	6.52 11/18/48	6.95 11/18/48	7.55 11/18/48	7.75 11/18/48

a Also 3/1950

Station: MORGAN CITY, LOUISIANA

Drainage basin: ATCHAFALAYA RIVER

County: ST MARY

Lat. 29° 42' N Long. 91° 14' W

Elev.(ft.) 14

Period of record: 1940-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.40 ^a 26/1944	0.65 26/1944	0.95 26/1944	1.17 26/1944	1.17 26/1944	2.20 26-27/1950	
Feb.	0.99 19/1947	1.22 19/1947	1.25 19/1947	1.55 ^E 16/1942	3.09 ^E 16/1942	5.58 15-16/1942	
Mar.	1.85 3/1948	2.28 3/1948	2.41 3/1948	3.10 29/1949	3.53 29/1949	4.22 2-3/1948	
Apr.	1.55 11/1947	2.40 23/1944	2.42 23/1944	2.42 23/1944	2.45 23/1944	2.95 ^E 23-24/1946	
May	1.75 19/1947	2.85 19/1947	3.20 19/1947	3.65 12/1942	4.07 19/1947	4.82 12-13/1946	
Jun.	1.80 9/1943	2.05 9-10/1943	2.05 9-10/1943	2.56 7/1940	2.64 7/1940	3.63 12-13/1940	
Jul.	1.86 12/1950	2.20 ^E 12/1950	2.54 12/1950	3.07 12/1950	3.59 12/1950	4.62 5-6/1946	
Aug.	1.19 9/1942	1.72 ^E 6/1943	2.58 ^E 6/1943	4.30 6/1943	4.30 6/1943	5.00 ^E 17-18/1945	
Sep.	3.00 18/1943	6.00 18/1943	6.55 18/1943	7.87 18/1943	8.80 12-13/1948	9.92 12-13/1948	
Oct.	0.93 25/1942	1.33 25/1942	1.70 25/1942	2.21 25-26/1942	3.18 25-26/1942	5.05 25-26/1942	
Nov.	2.60 18/1947	2.80 18/1947	2.96 18/1947	3.20 18/1947	3.38 18/1947	3.80 25-26/1944	
Dec.	2.10 9/1947	3.81 9/1947	4.35 9/1947	5.13 9-10/1947	5.34 9-10/1947	5.54 9-10/1947	
Annual	3.00 9/18/43	6.00 9/18/43	6.55 9/18/43	7.87 9/18/43	8.80 9/12-13/48	9.92 9/12-13/48	

a Also 2/1947

Station: NEW ORLEANS, WB CITY, LOUISIANA*

Drainage basin: MISSISSIPPI

County: ORLEANS

Lat. 29° 57'N Long. 90° 04'W

Elev.(ft.) 8

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.54 26/1941	1.63 26/1941	1.64 6/1945	2.50 21/1944	3.25 12/1944	3.77 12-13/1944
Feb.	Amt. Date	1.33 15/1942	2.04 15/1942	2.55 15/1942	4.16 15/1942	5.25 15/1942	6.11 15/1942
Mar.	Amt. Date	2.86 26/1946	3.25 29/1949	3.94 5/1948	7.03 5/1948	9.32 5/1948	10.93 5-6/1948
Apr.	Amt. Date	2.28 29/1940	2.66 21/1945	2.82 21/1945	3.49 21/1945	3.67 21/1945	4.10 18-19/1944
May	Amt. Date	2.37 15/1942	2.42 15/1942	2.58 15/1942	2.60 15/1942	2.60 15/1942	2.96 20/1947
Jun.	Amt. Date	3.45 22/1942	4.53 22/1942	4.67 22/1942	4.78 22/1942	5.09 8/1941	6.64 21-22/1942
Jul.	Amt. Date	2.79 26/1942	3.38 26/1942	3.38 26/1942	3.38 26/1942	3.38 26/1942	3.38 26/1942
Aug.	Amt. Date	1.87 25/1948	2.20 28/1940	2.37 25/1948	2.42 25/1948	2.42 25/1948	2.90 25-26/1948
Sep.	Amt. Date	2.54 24/1946	2.94 24/1946	3.38 18/1943	5.07 18/1943	6.23 18/1943	6.78 3-4/1948
Oct.	Amt. Date	1.59 31/1947	2.00 31/1947	2.04 31/1947	2.08 31/1947	2.23 25/1942	3.71 1-2/1941
Nov.	Amt. Date	2.26 8/1944	3.13 8/1944	3.31 8/1944	3.54 8/1944	3.59 25-26/1944	6.26 25-26/1944
Dec.	Amt. Date	1.35 13/1940	1.68 10/1947	2.04 10/1947	3.01 9-10/1947	3.27 9-10/1947	3.53 9-10/1947
Annual	Amt. Date	3.45 6/22/42	4.53 6/22/42	4.67 6/22/42	7.03 3/5/48	9.32 3/5/48	10.93 3/5-6/48

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

Station: NEW ORLEANS, WB CITY, LOUISIANA

Drainage basin: MISSISSIPPI

County: ORLEANS

Lat. 29° 57'N Long. 90° 04'W

Elev.(ft.) 8

Period of record: 1889-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	2.34 22/1923	3.01 22/1923	3.23 22/1923	3.34 22/1923	3.67 7-8/1895	4.24 1-2/1936	
Feb.	1.76 13/1927	2.59 13/1903	3.04 13/1903	4.16 15/1942	5.25 15/1942	6.11 15/1942	
Mar.	2.86 26/1946	4.70 14/1903	6.05 14/1903	7.73 14/1903	9.32 5/1948	10.93 5-6/1948	
Apr.	3.66 9/1920	5.28 15-16/1927	6.54 15-16/1927	7.95 15-16/1927	12.76 15-16/1927	14.01 15-16/1927	
May	2.87 10/1912	3.59 10/1912	5.39 2/1926	6.57 2/1926	6.95 2/1926	9.08 2-3/1926	
Jun.	3.45 22/1942	4.53 22/1942	4.67 22/1942	4.78 22/1942	5.09 8/1941	6.64 21-22/1942	
Jul.	2.79 26/1942	3.38 26/1942	3.38 26/1942	3.38 26/1942	3.78 14-15/1931	5.50 14-15/1931	
Aug.	2.43 7/1937	3.27 30/1930	3.39 30/1930	3.62 30/1930	5.26 30/1930	5.30 30/1930	
Sep.	3.18 7/1929	5.71 7/1929	6.21 7/1929	8.62 6-7/1929	10.10 6-7/1929	10.75 6-7/1929	
Oct.	2.73 29/1918	3.80 29/1918	4.75 2/1937	6.89 2/1937	10.86 1-2/1937	13.68 1-2/1937	
Nov.	2.26 8/1944	3.13 8/1944	3.31 8/1944	3.54 8/1944	3.59 25-26/1944	6.26 25-26/1944	
Dec.	2.16 25/1916	2.32 25/1916	2.38 25/1916	3.40 27-28/1905	4.27 27-28/1905	4.83 19-20/1918	
Annual	3.66 4/9/20	5.71 9/7/29	6.54 4/15-16/27	8.62 9/6-7/29	12.76 4/15-16/27	14.01 4/15-16/27	

All 1-, and 2-hr and 24-hr except January, July, and August are true maxima.

Station: NEW ORLEANS WB MOISANT, LOUISIANA

Drainage basin: MISSISSIPPI RIVER

County: JEFFERSON

Lat. 29° 59'N Long. 90° 15'W

Elev.(ft.) 3

Period of record: 1947-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.00 13/1947	1.40 13/1947	1.61 13/1947	2.41 13/1947	2.77 13/1947	2.77 13/1947
Feb.	Amt. Date	0.80 19/1947	1.07 19-20/1947	1.31 13/1950	2.30 13/1950	2.79 13/1950	2.80 13/1950
Mar.	Amt. Date	1.80 3/1948	2.82 5/1948	4.07 5/1948	5.89 5/1948	7.61 5/1948	8.41E 5-6/1948
Apr.	Amt. Date	1.41 28/1949	2.31 28/1949	2.53 28/1949	2.80 28/1949	2.80 28/1949	4.04 27-28/1949
May	Amt. Date	0.72 23/1950	0.90 20/1947	1.05 20/1947	1.45 20/1947	1.82 20/1947	2.25 20/1947
Jun.	Amt. Date	1.50 6/1950	2.85 6/1950	2.88 6/1950	3.54 6/1950	3.66 6/1950	4.21 6-7/1950
Jul.	Amt. Date	1.51 7/1950	1.53 17/1947	1.58 17/1947	1.65 17/1947	1.65 17/1947	2.37 25-26/1948
Aug.	Amt. Date	0.98 16/1950	1.18 8/1948	1.25 8/1948	1.37 8/1948	1.42 8/1948	1.42 8/1948
Sep.	Amt. Date	0.80 19/1947	1.15 12/1949	1.62 21/1947	2.35 13/1948	3.85 13/1948	4.90 12-13/1948
Oct.	Amt. Date	0.76 5/1949	0.76 5/1949	0.89 5/1949	0.91 8/1949	1.47 2/1949	1.51 1-2/1949
Nov.	Amt. Date	1.39 11/1947	1.65 18/1947	2.35 18/1947	2.42 18/1947	3.15 10-11/1947	3.30 10-11/1947
Dec.	Amt. Date	1.35 10/1947	2.10 9-10/1947	2.91 9-10/1947	3.51 9-10/1947	3.72 9-10/1947	4.29 9-10/1947
Annual	Amt. Date	1.80 3/3/48	2.85 6/6/50	4.07 3/5/48	5.89 3/5/48	7.61 3/5/48	8.41E 3/5-6/48

Station: PECAN ISLAND, LOUISIANA

Drainage basin: GULF OF MEXICO

County: VERMILION

Lat. 29° 39'N Long. 92° 26'W

Elev.(ft.) 5

Period of record: 1940-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	1.10 5/1946	1.36 5/1946	1.62 5/1946	1.87 6/1944	2.07 6/1944	2.07 6/1944	
Feb.	1.01 15/1942	1.60 15/1942	1.89 14-15/1942	3.05 14-15/1942	4.08 14-15/1942	4.33 14-15/1942	
Mar.	2.15 2/1948	2.55 2/1948	2.90 2/1948	3.15 7/1947	3.86 7/1947	4.43 2-3/1948	
Apr.	1.45 23/1946	2.55 23/1946	2.55 23/1946	3.28 23-24/1946	3.46 23-24/1946	3.78 23-24/1946	
May	3.10 12/1950	4.75 12/1950	5.04 12/1950	6.88 12/1950	6.94 12/1950	6.94 12/1950	
Jun.	2.20 17/1940	3.90 17/1940	4.95 17/1940	6.90 17/1940	7.89 17/1940	7.92 16-17/1940	
Jul.	2.77 14/1949	3.29 14/1949	3.50 14/1949	3.67 14/1949	3.70 14/1949	5.63 14-15/1949	
Aug.	2.95 31/1949	3.70 31/1949	4.17 31/1949	4.60 31/1949	6.93 7/1940	8.90 6-7/1940	
Sep.	1.95 27/1944	3.75 27/1944	4.40 27/1944	5.32 16/1942	8.28 16/1942	9.55 17-18/1943	
Oct.	0.91 17/1941	1.71 17/1941	2.40 17/1941	2.53 17/1941	2.53 17/1941	2.54 17-18/1941	
Nov.	1.30 ^a 25/1944	2.27 18/1948	2.55 25/1944	2.75 25/1944	3.13 10/1946	3.13 10/1946	
Dec.	2.15 6/1947	2.45 6/1947	2.85 ^b 13/1940	3.70 13/1940	4.07 6-7/1947	4.15 6-7/1947	
Annual	3.10 5/12/50	4.75 5/12/50	5.04 5/12/50	6.90 6/17/40	8.28 9/16/42	9.55 9/17-18/43	

a Also 27/1946.

b Also 6/1947,

Station: PLAIN DEALING, LOUISIANA

Drainage basin: RED RIVER

County: BOSSIER

Lat. 32° 53'N Long. 93° 41'W

Elev.(ft.) 268

Period of record: 1943-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.33 4/1946	1.63 4/1946	1.93 4/1946	2.96 4-5/1946	3.12 4-5/1946	3.14 4-5/1946
Feb.	Amt. Date	0.96 22/1944	1.10 22/1944	1.20 22/1944	1.50 19-20/1945	1.80 19-20/1945	2.50 8/1944
Mar.	Amt. Date	1.20 28/1944	1.75 3/1945	1.91 3/1945	2.31 2-3/1945	3.20 2-3/1945	3.96 27-28/1944
Apr.	Amt. Date	1.30 29/1946	1.52 29/1946	1.95 29/1946	2.50 29/1946	2.57 29-30/1946	2.89 1/1945
May	Amt. Date	2.00 19/1944	2.05 19/1944	2.07 19/1944	2.76 21-22/1944	2.76 21-22/1944	2.86 19-20/1944
Jun.	Amt. Date	1.00 14/1945	1.47 21/1947	1.50 21/1947	1.50 21/1947	1.52 20-21/1947	1.99 31-1/1946
Jul.	Amt. Date	1.60 20/1946	1.70 20/1946	1.95 20/1946	2.00 20/1946	2.00 20/1946	2.00 20/1946
Aug.	Amt. Date	1.18E 25/1946	2.35 25/1946	2.42 25/1946	2.45 25/1946	2.45 25/1946	3.87 26-27/1946
Sep.	Amt. Date	1.45 13/1950	1.70 13/1950	1.90 13/1950	2.74 26/1946	3.11 26/1946	3.11 26/1946
Oct.	Amt. Date	0.60 29/1947	0.97 4/1949	1.41 4/1949	2.32 4/1949	3.63 4/1949	4.67 4-5/1949
Nov.	Amt. Date	0.99 9/1946	1.14 6/1947	1.29 6/1947	1.29 6/1947	1.66 9-10/1945	1.99 9-10/1945
Dec.	Amt. Date	0.95 10/1943	1.40 24/1944	1.45 24/1944	1.67 24/1944	1.80 7/1947	2.59 26-27/1944
Annual	Amt. Date	2.00 5/19/44	2.35 8/25/46	2.42 8/25/46	2.96 1/4-5/46	3.63 10/4/49	4.67 10/4-5/49

Station: PLAQUEMINE, LOUISIANA

Drainage basin: ATCHAFALAYA RIVER

County: IBERVILLE

Lat. 30° 18'N Long. 91° 14'W

Elev.(ft.) 26

Period of record: 1944-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.64 6/1950	2.24 6/1950	2.63 6/1950	2.93 6/1950	3.15 5-6/1950	3.42 5-6/1950
Feb.	Amt. Date	1.12 13/1950	1.50 13/1950	1.85 13/1950	2.01 13/1950	2.65 13/1950	2.91 13/1950
Mar.	Amt. Date	2.06 29/1949	2.55 5/1948	3.20 12-13/1947	4.48 12-13/1947	5.96 12-13/1947	6.00 12-13/1947
Apr.	Amt. Date	1.85 29/1950	2.17 22/1949	3.00 22/1949	3.32 22/1949	3.32 22/1949	3.32 22/1949
May	Amt. Date	1.78 15/1946	2.36 24/1947	2.55 24/1947	3.22 11/1945	3.35 15/1946	3.35 15/1946
Jun.	Amt. Date	1.64 15/1948	2.15 7/1950	2.57 7/1950	3.13 7/1950	3.31 6-7/1950	5.85 6-7/1950
Jul.	Amt. Date	1.42 22/1946	1.58 22/1946	1.92 6/1946	2.79 6/1946	3.73 5-6/1946	4.51 5-6/1946
Aug.	Amt. Date	1.48 15/1949	1.94 15/1949	1.98 15/1949	1.98 15/1949	1.98 15/1949	3.53 14-15/1949
Sep.	Amt. Date	1.36 9/1948	1.45 9/1948	1.53 12/1948	2.00 12/1948	2.68 12/1948	3.23 12-13/1948
Oct.	Amt. Date	0.79 25/1946	1.08 5/1949	1.34 4/1949	2.28 4/1949	3.04 4-5/1949	4.46 4-5/1949
Nov.	Amt. Date	1.22 26/1948	1.97 26/1948	2.39 26/1948	2.66 26/1948	2.74 26/1948	3.60 26/1948
Dec.	Amt. Date	1.48 9/1947	1.68 9/1947	1.72 9/1947	2.61 9/1947	3.04 9-10/1947	3.53 5-6/1950
Annual	Amt. Date	2.06 3/29/49	2.55 3/5/48	3.20 3/12-13/47	4.48 3/12-13/47	5.96 3/12-13/47	6.00 3/12-13/47

Station: PORT EADS, LOUISIANA

Drainage basin: GULF OF MEXICO

County: PLAQUEMINES

Lat. 29° 02'N Long. 89° 10'W

Elev.(ft.) 9

Period of record: 1928-1937

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.32 24/1934	1.97 24/1934	2.29 24/1934	3.64 18-19/1934	4.03 18-19/1934	4.25 18-19/1934
Feb.	Amt. Date	1.40 7/1928	2.29 12/1935	2.52 12/1935	2.63 12/1935	3.16 12/1935	3.63 22-23/1928
Mar.	Amt. Date	2.01 26/1937	3.40 26/1937	3.75 26/1937	3.98 26/1937	4.00 25-26/1937	5.01 25-26/1937
Apr.	Amt. Date	1.50 6/1928	1.85 30/1932	2.26 30/1932	2.57 30/1932	3.66 9/1928	4.99 29-30/1932
May	Amt. Date	1.60 1/1937	1.91 16/1932	2.21 17/1932	3.29 17-18/1932	4.39 16-17/1932	5.13 16-17/1932
Jun.	Amt. Date	1.70 5/1928	2.67 5/1928	3.11 5/1928	3.15 5/1928	3.15 5/1928	5.16 1-2/1928
Jul.	Amt. Date	1.58 15/1931	2.81 28/1931	2.87 28/1931	2.90 28/1931	4.10 14-15/1931	5.64 14-15/1931
Aug.	Amt. Date	2.69 26/1934	4.29 26/1934	4.59 26/1934	5.16 25-26/1934	5.89 25-26/1934	6.02 25-26/1934
Sep.	Amt. Date	1.72 6/1928	1.94 6/1929	2.49 18/1930	4.07 6/1929	4.39 6/1929	5.91 17-18/1930
Oct.	Amt. Date	1.87 26/1932	2.62 26/1932	2.97 26/1932	3.25 25-26/1932	4.24 3-4/1934	7.34 3-4/1934
Nov.	Amt. Date	2.10 27/1934	2.54 14/1930	2.72 14/1930	2.87 14/1930	3.18 14/1930	4.61 1-2/1933
Dec.	Amt. Date	1.07 13/1928	1.64 13/1928	2.13 13/1928	2.47 13/1928	2.48 13/1928	2.83 12-13/1928
Annual	Amt. Date	2.69 8/26/34	4.29 8/26/34	4.59 8/26/34	5.16 8/25-26/34	5.89 8/25-26/34	7.34 8/3-4/34

Station: ROBSON, LOUISIANA

Drainage basin: RED RIVER

County: CADDO

Lat. 32° 21'N Long. 93° 39'W

Elev.(ft.) 155

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.50 4/1946	2.20 4-5/1946	3.00 4/1946	4.40 4-5/1946	4.60 4-5/1946	4.60 4-5/1946
Feb.	Amt. Date	1.04 12/1950	1.54 12/1950	1.72 12/1950	1.76 12/1950	2.07 12/1950	2.28 8-9/1946
Mar.	Amt. Date	1.00 15/1945	1.30a 3/1945	1.34 3/1945	2.00 25/1946	2.90 3/1945	3.72 3-4/1945
Apr.	Amt. Date	1.00b 29/1944	2.00 29/1944	2.60 29/1944	2.60 29/1944	2.85 31-1/1945	3.26 31-1/1945
May	Amt. Date	1.01 2/1944	1.30 30/1944	1.52 15/1945	2.21 15/1945	2.67 15/1945	2.89 31-1/1946
Jun.	Amt. Date	1.04 10/1950	1.92 10/1950	1.98 10/1950	2.20 11/1945	2.25 11/1945	2.89 31-1/1946
Jul.	Amt. Date	2.25 12/1945	2.40 12/1945	3.25 12/1945	3.65 12/1945	4.70 12/1945	4.80 11-12/1945
Aug.	Amt. Date	0.80 31/1944	1.30 31/1944	1.60 30-31/1944	2.00 30-31/1944	2.80 30-31/1944	3.05 30-31/1944
Sep.	Amt. Date	1.10 13/1950	1.19E 13/1950	1.28 13/1950	1.40 27/1946	2.10 19-20/1947	2.70 19-20/1947
Oct.	Amt. Date	1.35 5/1945	2.40 5/1945	3.70 5/1945	6.55 5/1945	8.35 5/1945	8.45 4-5/1945
Nov.	Amt. Date	0.85 1/1948	1.10 9-10/1946	1.20 9-10/1946	1.60 9-10/1946	2.95 9-10/1946	3.40 9-10/1946
Dec.	Amt. Date	0.80 15/1948	1.20 15/1948	1.20c 15/1948	1.84 7/1947	2.80 7/1947	3.37 30-31/1944
Annual	Amt. Date	2.25 7/12/45	2.40d 7/12/47	3.70 10/5/45	6.55 10/5/45	8.35 10/5/45	8.45 10/4-5/45

a Also 15/1946.

b Also 29/1946.

c Also 10/1949.

d Also 10/5/1945.

Station: RUSTON LPI, LOUISIANA

Drainage basin: OUACHITA RIVER

County: LINCOLN

Lat. 32° 31'N Long. 92° 41'W

Elev.(ft.) 278

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.63 7/1946	1.08 27/1949	1.38 27/1949	1.64 27/1949	1.96 16-17/1947	2.81 16-17/1947
Feb.	Amt. Date	1.04 25/1944	1.54a 25/1944	1.74 12/1950	2.34 12/1950	2.67 12-13/1950	3.85 8-9/1946
Mar.	Amt. Date	0.68b 12/1945	1.00 28/1944	1.22 28/1944	2.18E 31-1/1945	4.36 31-1/1945	5.95 31-1/1945
Apr.	Amt. Date	1.70 11/1947	2.06 1/1945	2.50 1/1945	4.58 1/1945	5.28 1/1945	5.95 31-1/1945
May	Amt. Date	0.92 28/1950	1.30 31/1946	1.74 31/1946	2.31 31/1946	2.66 31/1946	2.86 31-1/1946
Jun.	Amt. Date	0.98 21/1950	1.32 21/1950	1.60c 11/1945	2.52 21/1950	4.48 21/1950	4.52 21/1950
Jul.	Amt. Date	2.00 7/1944	2.02 7/1944	2.02 7/1944	2.02 7/1944	2.02 7/1944	2.02 7/1944
Aug.	Amt. Date	1.80 2/1944	2.40 2/1944	2.50 2/1944	3.06 31/1944	4.40 30-31/1944	5.80 30-31/1944
Sep.	Amt. Date	0.83E 20/1947	1.65 20/1947	1.68 20/1947	1.84 30-1/1945	1.95 19-20/1947	2.46 19-20/1947
Oct.	Amt. Date	3.04 5/1945	3.44 5/1945	4.04 5/1945	5.04 5/1945	5.94 5/1945	6.03 5/1945
Nov.	Amt. Date	1.88 18/1944	1.88 18/1944	1.88 18/1944	2.44 18-19/1944	3.60 9-10/1946	4.85 9-10/1946
Dec.	Amt. Date	0.80d 31/1944	1.39 31/1944	1.83 31/1944	3.05 31/1944	5.37 31/1944	7.51 30-31/1944
Annual	Amt. Date	3.04 10/5/45	3.44 10/5/45	4.04 10/5/45	5.04 10/5/45	5.94 10/5/45	7.51 12/30-31/44

a Also 12/1950. b Also 21/1949. c Also 21/1950. d Also 31/1946.

Station: SHREVEPORT WB AP, LOUISIANA*

Drainage basin: RED RIVER

County: CADDO

Lat. 32° 33'N Long. 93° 46'W

Elev.(ft.) 181

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	2.28 4/1946	2.91 4/1946	3.70 4/1946	4.67 4-5/1946	4.80 4-5/1946	4.80 4-5/1946
Feb.	Amt. Date	1.06 24/1949	1.55 24/1949	1.74 24/1949	1.80a 24/1949	1.99 12/1950	2.35 19-20/1947
Mar.	Amt. Date	1.53 28/1944	1.78b 28/1944	2.11 3/1945	2.77 3/1945	4.30 3/1945	5.43 2-3/1945
Apr.	Amt. Date	2.46 25/1942	4.02 25/1942	4.76 25-26/1942	4.92 25-26/1942	5.48 25-26/1942	5.71 25-26/1942
May	Amt. Date	1.70 25/1948	2.46 5/1941	2.85 5/1941	3.48 5/1941	4.09 4-5/1941	4.90 17-18/1942
Jun.	Amt. Date	1.52 10/1941	1.62 10/1941	1.65 10/1941	1.68 10/1941	2.99 8/1946	3.01 8/1946
Jul.	Amt. Date	1.69 24/1941	1.87 12/1946	2.27 12/1945	2.86 12/1945	3.36 6/1950	3.40 5-6/1950
Aug.	Amt. Date	2.81 28/1940	2.85 28/1940	2.85 28/1940	3.00 23/1942	3.00 23/1942	3.42 28/1940
Sep.	Amt. Date	1.51 8/1949	1.54 8/1949	1.66 8/1949	1.66 8/1949	1.91 19-20/1947	2.40 19-20/1947
Oct.	Amt. Date	1.28 13/1943	1.47 21/1949	1.79 4/1949	3.22 4/1949	5.54 4/1949	6.83 4-5/1949
Nov.	Amt. Date	1.96 22/1940	2.58 22/1940	2.99 22/1940	4.07 22-23/1940	4.64 22-23/1940	5.51 22-23/1940
Dec.	Amt. Date	1.74 31/1947	1.75 31/1947	1.97 31/1949	2.40 31/1949	2.70 31-1/1949	3.22 5-6/1944
Annual	Amt. Date	2.81 8/28/40	4.02 4/25/42	4.76 4/25-26/42	4.92 4/25-26/42	5.54 10/4/49	6.83 10/4-5/49

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

a Also 12/1950. b Also 3/1945.

January 1-, and 2-hr, November 2-, and 24-hr, and December 1-hr, are true maxima.

Station: SHREVEPORT WB AP, LOUISIANA

Drainage basin: RED RIVER

County: CADDO

Lat. 32° 33'N Long. 93° 46'W

Elev.(ft.) 181

Period of record: 1902-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	2.28 4/1946	2.91 4/1946	3.70 4/1946	4.67 4-5/1946	4.80 4-5/1946	4.80 4-5/1946
Feb.	Amt. Date	1.06 24/1949	1.55 24/1949	1.74 24/1949	2.04 26-27/1913	2.36a 26-27/1913	3.57 1-2/1939
Mar.	Amt. Date	1.58 30/1933	2.02 30/1933	2.36 2/1934	2.88 30/1933	4.30 3/1945	5.43 2-3/1945
Apr.	Amt. Date	2.46 25/1942	4.02 25/1942	4.76 25-26/1942	4.92 25-26/1942	5.48 25-26/1942	5.71 25-26/1942
May	Amt. Date	3.15 13/1908	4.09 13/1908	4.59 13/1908	6.25 13/1908	6.53 13/1908	8.33 13-14/1908
Jun.	Amt. Date	2.08 28/1902	2.82 28/1902	3.85 28/1902	5.19 28/1902	6.36 27-28/1902	8.00 27-28/1902
Jul.	Amt. Date	2.99 23/1905	5.19 23/1905	6.49 23/1905	7.54 23/1905	8.52 24-25/1933	12.44 24-25/1933
Aug.	Amt. Date	2.81 28/1940	3.25 9/1912	3.73 9/1912	4.42 9/1912	4.93 28-29/1911	6.47 9-10/1912
Sep.	Amt. Date	2.22 3/1923	2.99 3/1923	3.02 3/1923	3.97 13/1929	5.57 25-26/1913	7.04 25-26/1913
Oct.	Amt. Date	2.06 1/1933	2.17 1/1933	2.17 1/1933	3.22 4/1949	5.54 4/1949	6.83 4-5/1949
Nov.	Amt. Date	2.04 27/1910	2.58 22/1940	2.99 22/1940	4.07 22-23/1940	4.64 22-23/1940	5.51 22-23/1940
Dec.	Amt. Date	1.74 31/1947	2.12 21/1920	2.20 21/1920	3.00 21/1920	4.54 25/1904	7.18 25-26/1904
Annual	Amt. Date	3.15 5/13/08	5.19 7/23/05	6.49 7/27/05	7.54 7/23/05	8.52 7/24-25/33	12.44 7/24-25/33

a. Also 2/1939

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

Station: WEYANOKE, LOUISIANA

Drainage basin: MISSISSIPPI RIVER

County: WEST FELICIANA

Lat. 30° 55'N Long. 91° 27'W

Elev.(ft.) 236

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.00 21/1945	1.22 5/1946	1.52 5/1946	2.12 5/1950	3.60 5-6/1950	5.37 5-6/1950
Feb.	Amt. Date	1.09 5/1944	1.93 5/1944	2.65 5/1944	4.16 5/1944	5.81 5/1944	6.40 4-5/1944
Mar.	Amt. Date	2.00 2/1948	3.62 2/1948	4.40 2/1948	4.70 1-2/1948	4.75 1-2/1948	6.44 1-2/1948
Apr.	Amt. Date	1.96 21/1949	2.40 18/1943	2.90 18/1943	3.77 18/1943	3.93 18/1943	4.04 17-18/1943
May	Amt. Date	1.95 17/1946	2.70 17/1946	2.70 17/1946	2.92 15/1946	3.65 17/1946	3.74 1-2/1949
Jun.	Amt. Date	1.62 10/1942	2.05 23/1947	2.30 23/1947	2.65 23/1947	2.65 23/1947	2.65 23/1947
Jul.	Amt. Date	1.30 15/1949	1.73 13/1946	1.78 13/1946	1.80a 13/1946	1.80a 13/1946	1.83 13-14/1946
Aug.	Amt. Date	1.65 3/1941	3.25 3/1941	3.35 3/1941	3.94 3/1941	4.30 3/1941	4.30 3/1941
Sep.	Amt. Date	3.85 15/1942	3.92 23/1940	4.10 23/1940	4.22 23/1940	4.60 19/1947	4.80 19-20/1947
Oct.	Amt. Date	1.18 30/1949	1.36 30/1949	1.39 30/1949	1.39 30/1949	1.80 4-5/1949	2.30 4-5/1949
Nov.	Amt. Date	2.40 5/1946	3.80 5/1946	4.60 5/1946	5.38 5/1946	6.56 5/1946	7.31 5-6/1946
Dec.	Amt. Date	2.06 22/1941	3.54 16/1948	4.40 16/1948	7.70 16/1948	8.07 16/1948	8.07 16/1948
Annual	Amt. Date	3.85 9/15/42	3.92 9/23/40	4.60 11/5/46	7.70 12/16/48	8.07 12/16/48	8.07 12/16/48

a Also 13/1949.