

U.S. DEPARTMENT OF COMMERCE

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WEATHER BUREAU

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TECHNICAL PAPER NO. 15

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

Part XXV: Arkansas

DIVISION OF HYDROLOGIC SERVICES

HYDROMETEOROLOGICAL SECTION

In cooperation with

THE CORPS OF ENGINEERS, U.S. ARMY



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

PART XXV: ARKANSAS

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 Hydro-meteorological 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, (5) Tables of Excessive Precipitation from the Report of the Chief of the Weather Bureau, (6) Bulletin W for 1930, and (7) Original Climatological Records.

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, together with others having five years or more of record, though not operative in 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

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.

since the hydrologic network of weighing gages was inaugurated in 1940. In the case of the 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 records, 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.

If the maximum occurred on the last day of the month and the first day of the next month, the same maximum applies for each of the months involved. When this occurs underlining of the dates involved indicates that the recorded period of rainfall began on the last day of the preceding month and ended on the first day of the month listed, whereas when such dates are not underlined, the recorded period of rainfall began on the last day of the month listed and ended on the first day of the following month.

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. In instances where true maxima were available the amounts were published and designated as follows: (v) Bulletin W for 1930. (w) True maxima from Table of Excessive Precipitation of the Report of the Chief of the Weather Bureau. (x) True maxima from WB 1030, Monthly Climatological Summary, or from Technical Paper No. 2, Maximum Recorded Point Rainfall in the United States. (y) Original Climatological Records.

Estimates of maximum amounts, indicated by the letter "E" in the tabulations, were required whenever a recording gage was 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

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

supplementing the recording gage data with 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.

Table 1 shows the highest recorded value for each month and table 2 gives the highest for any month, for each of the durations, 1, 2, 3, 6, 12 and 14 hours.

The monthly distribution of occurrences of the maximum amounts at the 64 stations with five or more years of record are shown in table 3.

Data were compiled by members of the Meteorological Aid Pool of the Hydrometeorological Section. Final checking and preparation for publication were done in the Hydrometeorological Section by Callie Rhodes, Cora Ludwig, and Edna Grooms under the supervision of W. W. Swayne. The manuscript was typed and checked by Cora Ludwig and Edna Grooms.

Table 1. - Maximum monthly precipitation amounts for Arkansas.

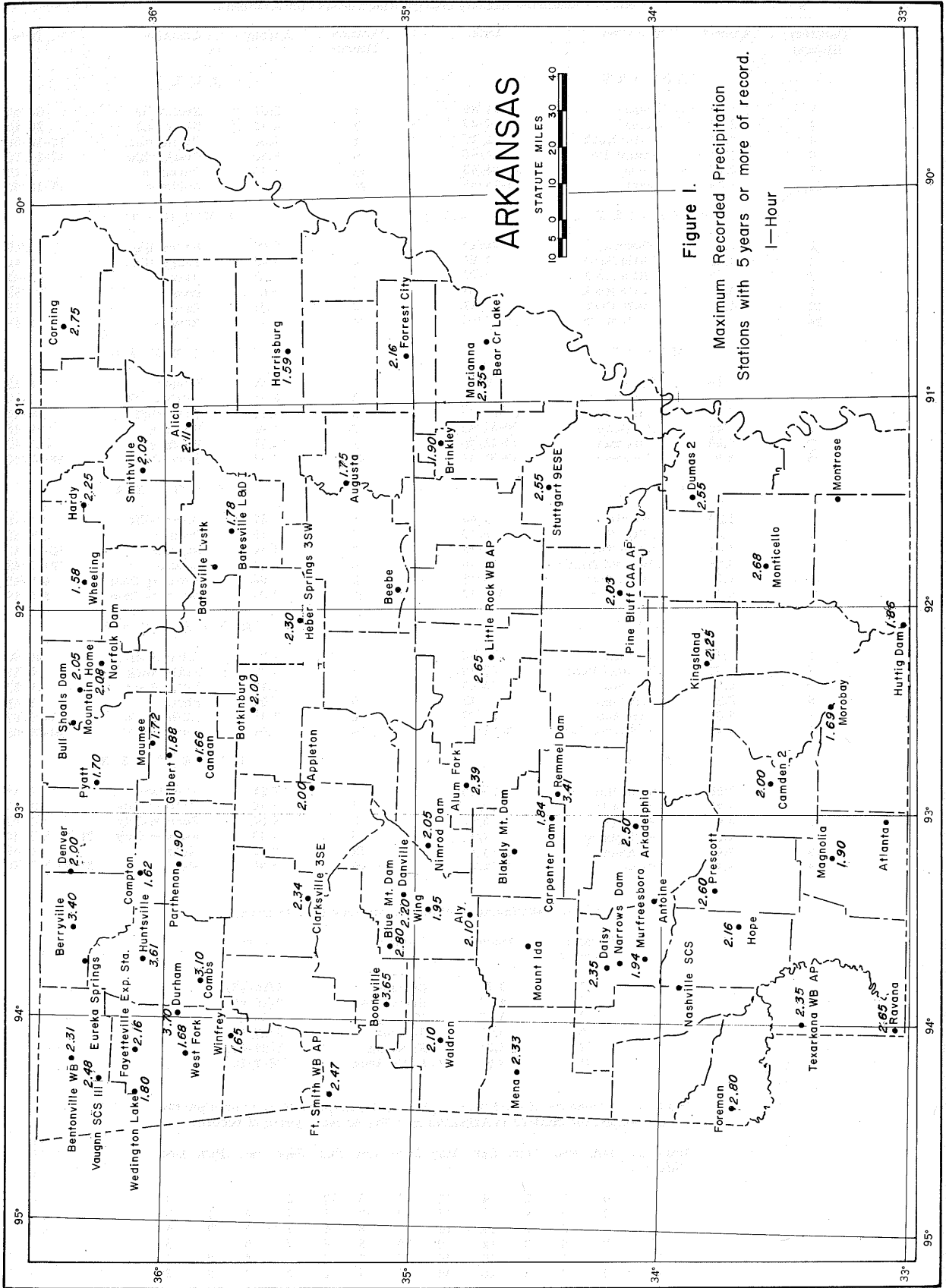
Duration (Hours)	Amount	Location	Date	Duration (Hours)	Amount	Location	Date
J A N U A R Y				J U L Y			
1	1.83	Mena	24/49	1	3.61	Huntsville	20/40
2	2.68	Mena	24/49	2	4.76	Huntsville	20/40
3	3.34	Little Rock	2/97	3	4.90	Clarksville	17-18/50
6	5.23	Smithville	24/49	6	6.39	Clarksville	17-18/50
12	6.12	Mena	23-24/49	12	6.75	Foreman	1/40
24	8.29	Mena	23-24/49	24	7.05	Appleton	17-18/50
F E B R U A R Y				A U G U S T			
1	1.48	Wheeling	25/44	1	3.40	Berryville	2/49
2	2.02	Little Rock	7/21	2	4.42	Berryville	2/49
3	2.59	Little Rock	7/21	3	5.10	Ravana	22/42
6	3.72	Little Rock	7/21	6	6.81	Ravana	22/42
12	4.14	Little Rock	7/21	12	7.02	Ravana	2/49
24	5.15	Little Rock	11-12/50	24	7.31	Ravana	2/49
M A R C H				S E P T E M B E R			
1	3.10	Combs	23/45	1	2.55	Dumas	18/49
2	3.20	Texarkana	29/45	2	3.21	Little Rock	1/33
3	3.80	Foreman	30-31/45	3	3.74	Pine Bluff	30/45
6	6.40	Foreman	30-31/45	6	4.91	Winfrey	12/45
12	7.86	Foreman	30-31/45	12	5.51	Winfrey	12/45
24	8.92	Foreman	30-31/45	24	6.82	Pine Bluff	29-30/45
A P R I L				O C T O B E R			
1	2.20	Danville	1/45	1	2.31	Bentonville	8/19
2	3.23	Little Rock	9/13	2	3.10	Ravana	12/43
3	4.43	Little Rock	9/13	3	3.55	Ravana	12-13/43
6	6.08	Rommel Dam	29/46	6	4.35	Ravana	12-13/43
12	8.19	Little Rock	9/13	12	5.98	Morobay Dam	4-5/49
24	9.58	Little Rock	8-9/13	24	6.94	Morobay Dam	4-5/49
M A Y				N O V E M B E R			
1	3.70	Durham	24/46	1	2.29	Little Rock	28/05
2	4.66	Rommel Dam	22/40	2	3.02	Little Rock	15/27
3	5.63	Mariana	20/46	3	3.10	Little Rock	15/27
6	8.27	Foreman	27/43	6	4.05	Hope	8/44
12	8.83	Foreman	27/43	12	4.45	Little Rock	19-20/07
24	9.37	Wedington Lake	9-10/50	24	5.91	Little Rock	20-21/26
J U N E				D E C E M B E R			
1	3.65	Boonville	10/45	1	2.25	Kingsland	6/44
2	4.34	Ft. Smith	9/45	2	3.70	Forrest City	31/47
3	4.67	Ft. Smith	9/45	3	4.04	Forrest City	31/47
6	6.08	Botkinburg	9/45	6	4.60	Forrest City	31/47-1/1/48
12	7.44	Botkinburg	9-10/45	12	6.41	Mena	31/47
24	8.74	Hope	11-12/45	24	6.91	Mena	31/47-1/1/48

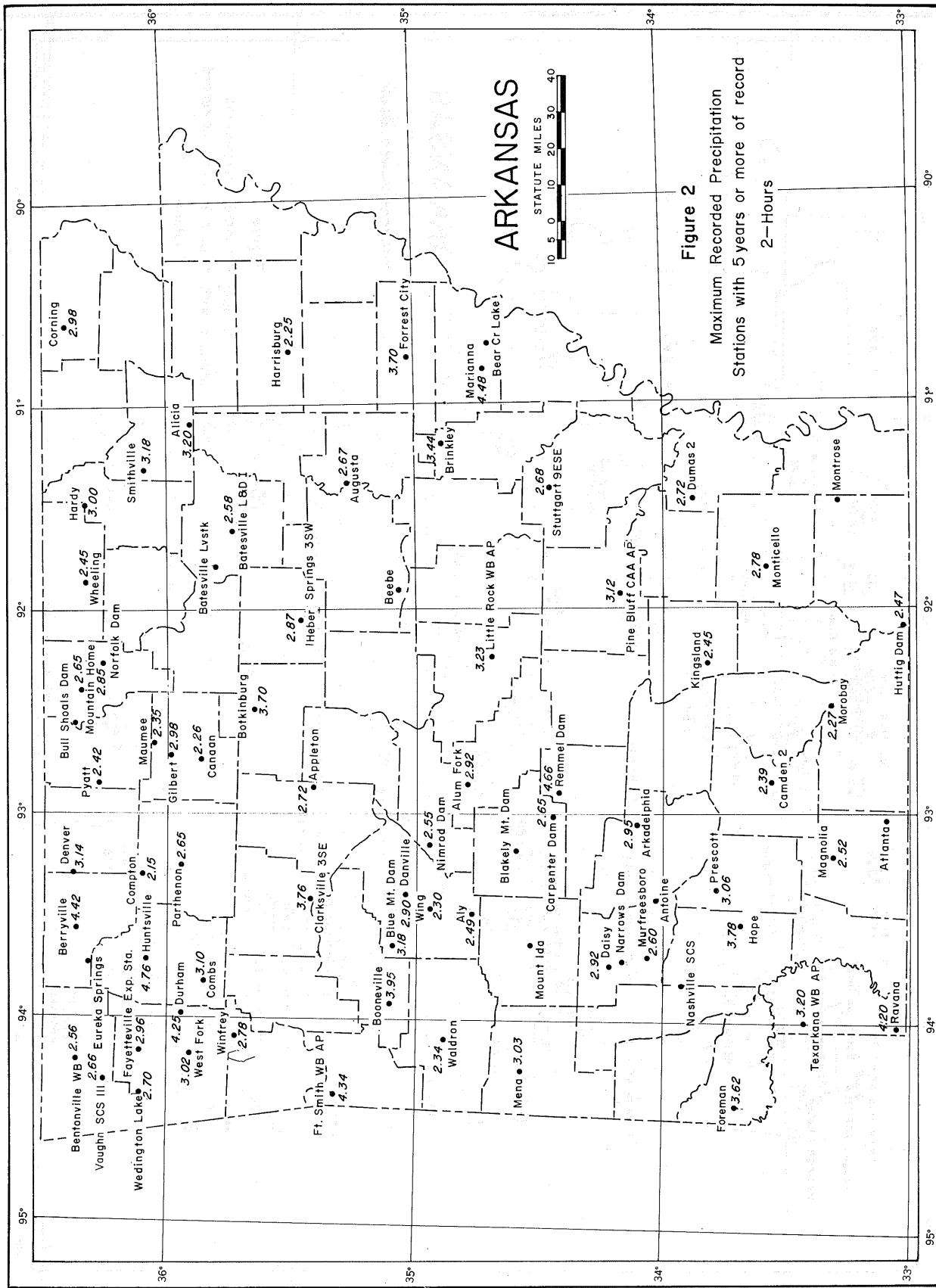
Table 2. - Maximum precipitation amounts for Arkansas.

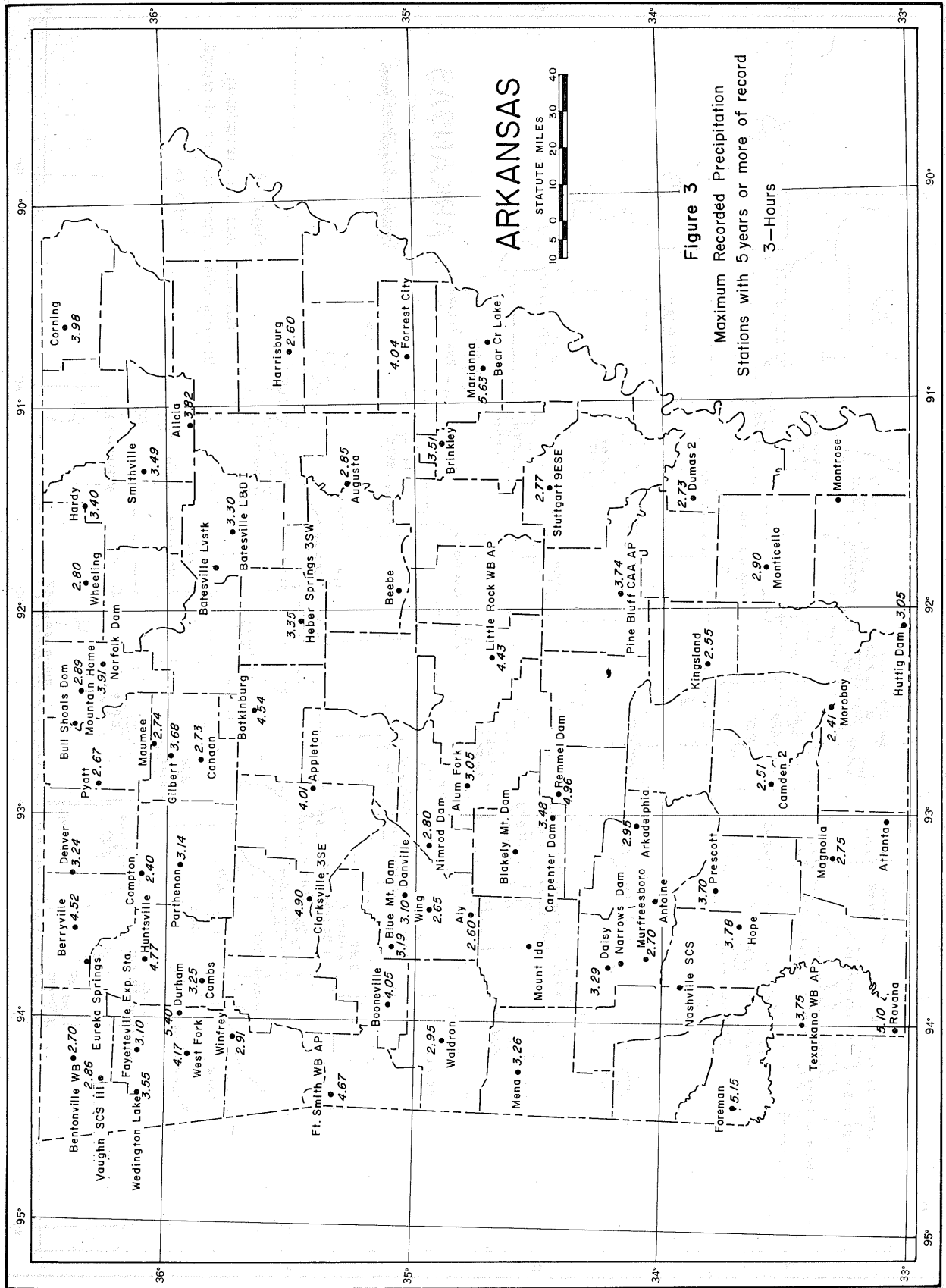
Duration (Hours)	Amount	Location	Date
1	3.70	Durham	5/24/46
2	4.76	Huntsville	7/20/40
3	5.63	Mariana	5/20/46
6	8.27	Foreman	5/27/43
12	8.83	Foreman	5/27/43
24	9.58	Little Rock	4/8-9/13

Table 3. - Frequency of maximum 1-, 2-, 3-, 6-, 12-, and 24-hour precipitation by months, for stations in Arkansas with five or more years of record.

Duration (Hours)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	0	2	4	11	16	13	10	2	2	1	3
2	0	0	4	9	13	10	12	4	4	2	1	5
3	1	0	3	10	14	7	8	6	7	4	0	4
6	2	0	3	12	9	10	5	6	7	6	1	3
12	5	1	6	10	10	7	5	7	5	4	0	4
24	8	0	6	10	16	8	4	1	3	4	2	2







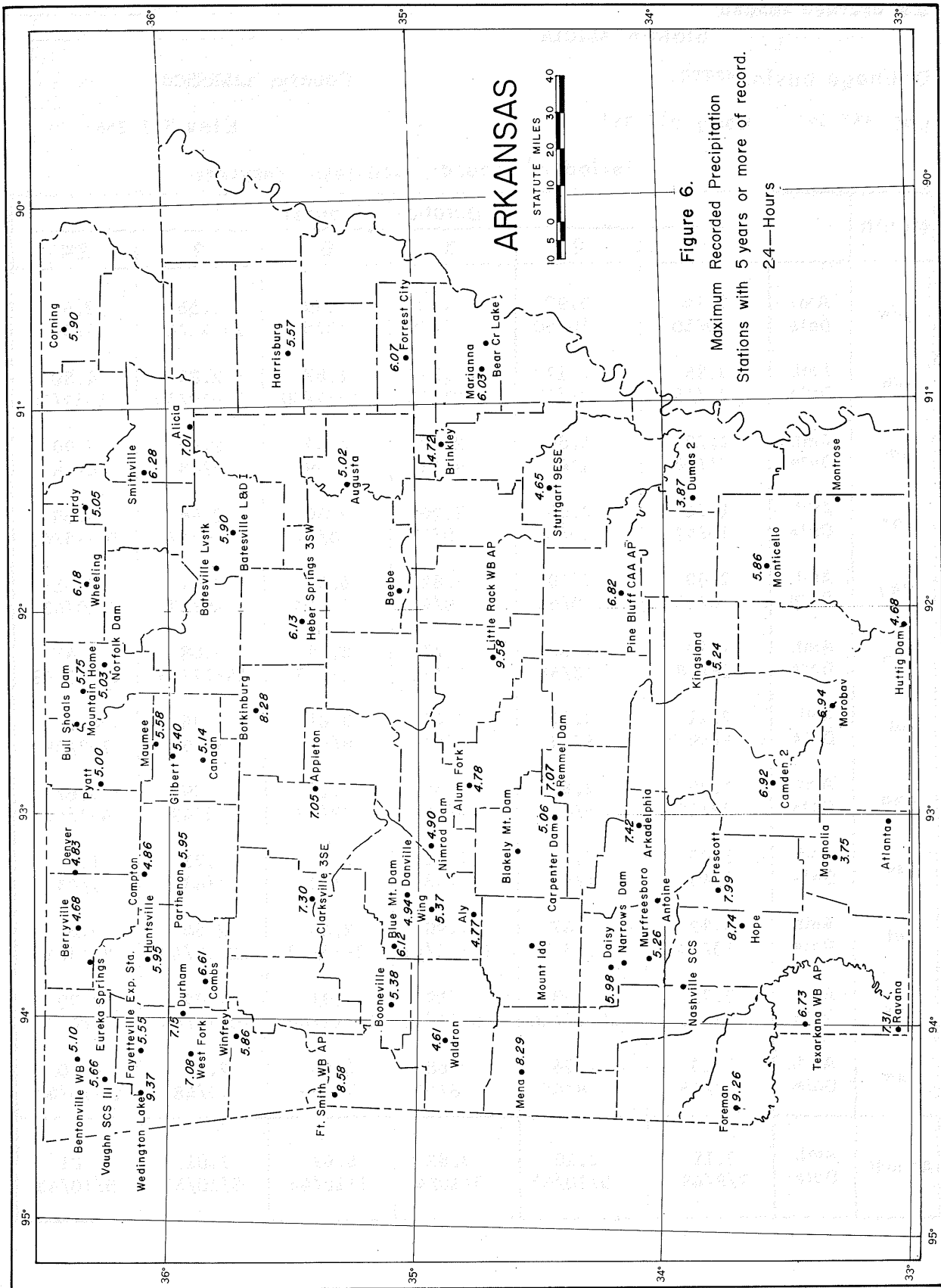


Figure 6.
Maximum Recorded Precipitation
Stations with 5 years or more of record.
24—Hours

U. S. WEATHER BUREAU

Station: ALICIA

Drainage basin: WHITE

County: LAWRENCE

Lat. 35° 54'

Long. 91° 05'

Elev.(ft.) 256

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.74 10/50	0.93 10/50	1.12 13/50	1.29 13/50	1.56 23-24/41	2.42 4/50
Feb.	Amt. Date	0.95 21/45	1.17 21/45	1.32 21/45	1.87 11-12/50	2.85 11-12/50	4.80 11-12/50
Mar.	Amt. Date	1.25 21/48	1.80 4/48	2.20 4/48	2.45 4/48	2.90 4/48	2.90 4/48
Apr.	Amt. Date	1.72 10/47	2.05 10/47	2.20 10/47	2.46 10/47	2.46 10/47	3.40 14-15/45
May	Amt. Date	2.00 10/43	3.20 10/43	3.82 10/43	6.69 10/43	7.01 10/43	7.01 10/43
Jun.	Amt. Date	1.48 18/48	1.57 18/48	1.77 17/45	2.45 17/45	3.08 16-17/45	3.41 17-18/48
Jul.	Amt. Date	2.11 8/49	3.12 8/49	3.42 8/49	3.81 8/49	3.96 8/49	4.07 7-8/49
Aug.	Amt. Date	1.90 22/42	2.66 6/42	2.82 6/42	3.18 22/42	3.59 22/42	3.67 6-7/42
Sep.	Amt. Date	1.05 1/43	1.70 1/43	1.71 1/43	1.71 1/43	1.71 1/43	1.71 1/43
Oct.	Amt. Date	0.92 13/43	1.47 13/43	1.90 12-13/43	2.40 12-13/43	2.64 12-13/43	2.64 12-13/43
Nov.	Amt. Date	0.75 11/40	1.23 10-11/40	1.59 10-11/40	2.01 10-11/40	2.02 10-11/40	2.70 8/44
Dec.	Amt. Date	1.18 28/46	1.96 28/46	2.68 28/46	2.80 28/46	2.93 15/48	4.10 14-15/48
Annual	Amt. Date	2.11 7/8/49	3.20 5/10/43	3.82 5/10/43	6.69 5/10/43	7.01 5/10/43	7.01 5/10/43

U.S. WEATHER BUREAU

Station: ALUM FORK

Drainage basin: ARKANSAS

County: SALINE

Lat. 34° 48' Long. 92° 52'

Elev.(ft.) 755

Period of record: 1944-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.80 24/49	1.45 24/49	1.55 24/49	2.02 10/50	2.59 24/49	3.04 7-8/46
Feb.	Amt. Date	0.56 12/50	1.00 12/50	1.40 12/50	2.20 11-12/50	3.05 11-12/50	4.03 11-12/50
Mar.	Amt. Date	1.15 5/46	1.83 5-6/46	2.18 5-6/46	3.38 5-6/46	4.35 5-6/46	4.78 29-30/45
Apr.	Amt. Date	1.87 22/44	2.92 22/44	3.05 22/44	4.27 22/44	4.45 22-23/44	4.45 22-23/44
May	Amt. Date	1.25 23/46	1.65 23/46	2.09 23/46	3.82 23/46	4.13 23/46	4.13 23/46
Jun.	Amt. Date	1.85 19/48	2.05 19/48	2.07 19/48	2.55 10-11/45	2.88 10-11/45	4.41 10-11/45
Jul.	Amt. Date	1.85 26/44	2.28 12/49	2.53 26/44	2.70 26/44	2.70 26/44	3.13 26-27/44
Aug.	Amt. Date	2.39 18/46	2.74 18/46	2.82 24/50	3.92 23-24/50	4.51 23-24/50	4.51 23-24/50
Sep.	Amt. Date	1.00 26/45	1.10 26/45	1.23 15/50	1.35 12/45	2.43 12/45	3.17 15-16/50
Oct.	Amt. Date	1.08 17/46	1.16 17/46	1.16 17/46	1.70 5/49	2.75 4-5/49	3.30 4-5/49
Nov.	Amt. Date	1.11 8/44	1.26 8/44	1.46 8/44	1.82 9/46	2.29 7-8/44	2.63 7-8/44
Dec.	Amt. Date	0.68 15/48	1.33 15/48	1.58 15/48	2.13 15/48	2.38 15/48	3.17 5-6/44
Annual	Amt. Date	2.39 8/18/46	2.92 4/22/44	3.05 4/22/44	4.27 4/22/44	4.51 8/23-24/50	4.78 3/29-30/45

U.S. WEATHER BUREAU

Station: ALY

Drainage basin: QUACHITA

County: YELL

Lat. 34° 47'

Long. 93° 29'

Elev.(ft.) 850

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.00 23/49	1.45 23/49	1.86 23/49	2.13 23/49	2.51 22-23/49	3.61 31-1/48
Feb.	Amt. Date	0.91 5/42	1.02 5/42	1.32 17/44	2.18 20/45	2.63 20/45	3.98 20-21/45
Mar.	Amt. Date	1.45 18/45	1.78 18/45	1.91 18/45	2.54 30/45	3.41 29-30/45	3.54 29-30/45
Apr.	Amt. Date	1.70 30/49	2.49 30-1/49	2.60 30-1/49	2.83 30-1/49	3.06 30-1/49	3.55 15-16/46
May	Amt. Date	1.56 27/49	2.49 30-1/49	2.60 30-1/49	2.83 30-1/49	3.06 30-1/49	3.06 30-1/49
Jun.	Amt. Date	1.77 5/44	2.35 10/45	2.40 10/45	2.52 5/44	2.54 5/44	4.77 10-11/45
Jul.	Amt. Date	2.10 10/48	2.15 10/48	2.15 10/48	2.98 10/48	2.76 27/45	3.00 27-28/45
Aug.	Amt. Date	1.87 12/41	1.87 12/41	1.87 12/41	2.15 22/42	2.25 22/42	2.26 22/42
Sep.	Amt. Date	1.57 2/42	1.59 2/42	2.05 24/41	2.57 24/41	3.12 24/41	3.55 15-16/50
Oct.	Amt. Date	1.68 3/41	1.71 3/41	2.01 3/41	2.74 3/41	3.06 3-4/41	3.23 3-4/41
Nov.	Amt. Date	1.00 5/46	1.75 5/46	1.90 5/46	2.15 5/46	2.25 5/46	2.37 4-5/46
Dec.	Amt. Date	0.96 25/44	1.37 25/44	1.67 25/44	2.51 26/42	3.03 31/47	3.61 31/47- 1/48
Annual	Amt. Date	2.10 7/10/48	2.49 4/30- 5/1/49	2.60 4/30- 5/1/49	2.98 7/10/48	3.41 3/29-30/45	4.77 6/10-11/45

U. S. WEATHER BUREAU

Station: APPLETON

Drainage basin: ARKANSAS

County: POPE

Lat. 35° 21' Long. 92° 53'

Elev.(ft.) 522

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.11 12/50	1.53 12/50	1.67 12/50	2.41 12/50	3.51 24/49	5.22 24/49
Feb.	Amt. Date	0.83 13/46	1.34 13/46	1.46 13/46	2.10 13/46	2.43 13/46	3.38 20-21/45
Mar.	Amt. Date	1.40 25/49	1.70 25/49	1.85 25/49	2.09 28-29/45	2.84 28-29/45	3.01 28-29/45
Apr.	Amt. Date	2.00 22/44	2.26 22/44	2.33 22/44	3.47 22/44	3.80 22/44	3.80 22/44
May	Amt. Date	1.10 10/43	1.34 10/43	1.65 10/43	3.10 10/43	3.15 10/43	3.66 9-10/43
Jun.	Amt. Date	1.43 10/40	1.70 19/48	1.80 19/48	2.26 10/45	4.11 9-10/45	4.63 9-10/45
Jul.	Amt. Date	1.62 18/50	2.72 18/50	4.01 18/50	5.18 18/50	5.55 17-18/50	7.05 17-18/50
Aug.	Amt. Date	1.39 17/50	1.56 22/42	1.95 22/42	2.65 22/42	3.06 22/42	3.06 22/42
Sep.	Amt. Date	1.86 6/49	2.17 24/41	2.70 24/41	3.68 24/41	4.82 12/45	5.80 12-13/45
Oct.	Amt. Date	1.01 26/41	1.30 3-4/41	1.75 5/44	1.76 30/41	2.37 30-31/41	3.11 30-31/41
Nov.	Amt. Date	1.30 1/48	1.87 1/48	1.87 1/48	2.22 1/48	2.37 1/48	2.45 22-23/40
Dec.	Amt. Date	1.86 11/46	2.15 26/42	2.46 26/42	3.63 26-27/42	3.83 26-27/42	4.02 26-27/42
Annual	Amt. Date	2.00 4/22/44	2.72 7/18/50	4.01 7/18/50	5.18 7/18/50	5.55 7/17-18/50	7.05 7/17-18/50

U.S. WEATHER BUREAU

Station: ARKADELPHIA

Drainage basin: OUACHITA

County: CLARK

Lat. 34° 07' Long. 93° 03'

Elev.(ft.) 200

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.79 13/50	1.09 13/50	1.30 4-5/46	2.04 4-5/46	2.38 8/46	3.02 15-16/49
Feb.	Amt. Date	0.76 12/45	1.06 12/45	1.17 21/45	1.90 23-24/49	2.05 11-12/50	3.25 11-12/50
Mar.	Amt. Date	1.18 29/45	1.40 26/44	1.45a 18/44	2.65 18/44	3.13 21-22/48	3.93 21-22/48
Apr.	Amt. Date	1.60 10/47	2.22 22/44	2.50 22/44	3.66 7-8/42	4.84 7-8/42	5.77 7-8/42
May	Amt. Date	1.29 15/45	1.85 15/45	2.11 15/45	2.38 9/45	3.30 15/45	3.67 15-16/45
Jun.	Amt. Date	1.60 13/42	2.45 11/45	2.91 11/45	3.80 11-12/45	4.93 11-12/45	7.42 11-12/45
Jul.	Amt. Date	2.50 26/45	2.95 26/45	2.95 27/45	2.95 27/45	2.95 27/45	2.95 27/45
Aug.	Amt. Date	1.80 14/45	1.90 14/45	1.90b 22/42	2.78 22/42	2.95 22/42	3.10 28-29/47
Sep.	Amt. Date	1.06 14/50	1.31 14/50	1.39 14/50	2.12 9/42	2.55 9/42	3.81 15-16/50
Oct.	Amt. Date	1.43 26/41	1.75 12-13/43	2.10 12-13/43	3.47 12-13/43	3.62 12-13/43	3.80 4-5/49
Nov.	Amt. Date	1.35 9/46	1.65 9/46	1.90 9/46	2.29 9/46	2.39 9-10/46	2.75 9-10/46
Dec.	Amt. Date	0.70 31/47	1.20 31/47	1.40 31/47	1.51 31/47	2.22 5/44	3.20 5-6/44
Annual	Amt. Date	2.50 7/26/45	2.95 7/26/45	2.95 7/27/45	3.80 6/11-12/45	4.93 6/11-12/45	7.42 6/11-12/45

a Also 21/48

b Also 14/45

U.S. WEATHER BUREAU

Station: ATLANTA

Drainage basin: OUACHITA

County: COLUMBIA

Lat. 33° 07' Long. 93° 02'

Elev.(ft.) 329

Period of record: 1945-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.95 27/49	1.10 27/49	1.40 27/49	1.86 27/49	2.20 27/49	2.42 26-27/49
Feb.	Amt. Date	0.62 12/50	1.04 12/50	1.20 5/46	1.32 12/50	1.80 12/50	2.05 8-9/46
Mar.	Amt. Date	1.19 24/49	1.79 24/49	1.90 24/49	1.90 24/49	1.90 24/49	2.77 24-25/49
Apr.	Amt. Date	1.06 29/50	1.28 29/50	1.38 29/50	1.46 29/50	1.80 14/48	2.46 29-30/50
May	Amt. Date	1.23 1/50	1.50 1/50	1.53 1/50	1.63 16/47	2.05 16/45	2.05 16/45
Jun.	Amt. Date	0.90 13/47	1.55 13/47	1.68 13/47	1.68 13/47	1.71 12-13/47	1.92 12-13/47
Jul.	Amt. Date	1.80 24/49	2.19 14/50	2.29 14/50	2.42 24/49	2.60 4/45	2.60 4/45
Aug.	Amt. Date	1.40 7/45	1.40 7/45	1.40 7/45	1.40 7/45	1.40 7/45	1.47 6-7/49
Sep.	Amt. Date	1.00 13/45	1.06 13/45	1.16 13/45	1.20 13/45	1.30 13/45	1.91 16/49
Oct.	Amt. Date	1.34 21/45	1.54 21/45	1.58 21/45	2.77 4-5/49	4.41 4-5/49	5.48 4-5/49
Nov.	Amt. Date	0.64 13/45	0.90 13/45	1.40 13/45	1.87 13/45	1.94 13/45	2.30 9-10/45
Dec.	Amt. Date	0.40 28/48	0.70 28/48	1.00 28/48	1.14 28/48	1.14 28/48	1.55 2-3/45
Annual	Amt. Date	1.80 7/24/49	2.19 7/14/50	2.29 7/14/50	2.77 10/4-5/49	4.41 10/4-5/49	5.48 10/4-5/49

U.S. WEATHER BUREAU

Station: AUGUSTA

Drainage basin: WHITE

County: WOODRUFF

Lat. 35° 17' Long. 91° 22'

Elev.(ft.) 218

Period of record: 1943-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.55 4/49	1.00 8/46	1.45 8/46	2.15 8/46	3.41 8/46	4.30 7-8/46
Feb.	Amt. Date	0.55 8/44	0.90 8/44	1.40 8/44	1.82 8/44	2.80 8/44	4.49 7-8/44
Mar.	Amt. Date	0.93 1/48	1.18 1/48	1.38 1/48	2.05 18/44	2.46 18-19/44	2.95 21-22/48
Apr.	Amt. Date	0.65 15/46	0.90 15/46	1.15 15/46	1.98 15-16/46	2.88 15-16/46	2.90 15-16/46
May	Amt. Date	0.89 10/48	1.34 10/48	1.46 10-11/48	1.59 10-11/48	1.65a 16/45	1.83 15-16/45
Jun.	Amt. Date	0.95 29/46	1.38 9-10/45	1.87 9-10/45	2.97 9-10/45	3.31 9-10/45	3.55 9-10/45
Jul.	Amt. Date	1.61 1/45	2.22 1/45	2.25 1/45	2.30 1/45	2.91 1/45	3.36 1/45
Aug.	Amt. Date	1.75 24/50	2.67 24/50	2.85 24/50	3.60 23-24/50	4.35 23-24/50	4.59 23-24/50
Sep.	Amt. Date	1.14 2/46	1.15b 12/45	1.45 12/45	1.68 12/45	2.25 12/45	2.77 12-13/45
Oct.	Amt. Date	0.90 22/46	1.75 22/46	2.06c 3/44	2.50 12-13/43	3.19 25-26/47	5.02E 25-26/47
Nov.	Amt. Date	0.80 2/45	1.13 2/45	1.31 2/45	1.78 2/45	3.15 2/45	3.17 2/45
Dec.	Amt. Date	0.50 25/44	0.80 25/44	1.00 25/44	1.35 6/44	1.73 24-25/44	3.23 6-7/44
Annual	Amt. Date	1.75 8/24/50	2.67 8/24/50	2.85 8/24/50	3.60 8/23-24/50	4.35 8/23-24/50	5.02E 10/25-26/47

a Also 23/46

b Also 2/46

c Also 22/46

U.S. WEATHER BUREAU

Station: BATESVILLE LIVESTOCK

Drainage basin: WHITE

County: INDEPENDENCE

Lat. 35° 49' Long. 91° 47'

1946 (BREAKS) Elev.(ft.) 571

1949 (BREAKS)

Period of record: 1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.76 26/50	0.86 10/50	1.01 10/50	1.14 26/50	1.78 26/50	1.97 26/50
Feb.	Amt. Date	0.45 12/50	0.75 12/50	1.05 12/50	1.54 12/50	1.99 11-12/50	3.44 11-12/50
Mar.	Amt. Date	0.65 26/50	0.65 26/50	0.65 26/50	0.95 26-27/50	1.35 26-27/50	1.35 26-27/50
Apr.	Amt. Date	0.27 2/50	0.29 2/50	0.30 2/50	0.31 2/50	0.31 2/50	0.38 2-3/50
May	Amt. Date	0.68 29/50	1.04 29/50	1.15 29/50	1.16 29-30/50	1.67 29-30/50	1.84 29-30/50
Jun.	Amt. Date	0.54 20/50	0.70 20/50	0.75 20/50	0.75 20/50	0.80 20-21/50	0.95 2-3/50
Jul.	Amt. Date	1.42 5/50	1.56 5/50	1.56 5/50	1.70 5/50	1.70 5/50	1.98 17-18/50
Aug.	Amt. Date	1.11 28/50	1.89 28/50	1.99 28/50	2.01 28/50	2.01 28/50	2.01 28/50
Sep.	Amt. Date	0.31 15/50	0.46 15/50	0.51 15/50	0.55 15/50	0.66 15/50	0.72 15/50
Oct.	Amt. Date	0.95 24/46	1.20 24/46	1.35 24/46	2.25 24/46	2.70 24/46	3.21 4-5/49
Nov.	Amt. Date	0.70 2/46	1.00 2/46	1.19 2/46	1.65 2/46	1.86 2-3/46	1.88 2-3/46
Dec.	Amt. Date	0.33 11/49	0.60 10-11/49	0.84 10-11/49	1.18 10-11/49	1.28 10-11/49	1.68 10-11/49
Annual	Amt. Date	1.42 7/5/50	1.89 8/28/50	1.99 8/28/50	2.25 10/24/46	2.70 10/24/46	3.44 2/11-12/50

U.S. WEATHER BUREAU

Station: BATESVILLE LOCK AND DAM 1

Drainage basin: WHITE

County: INDEPENDENCE

Lat. 35° 45' Long. 91° 38'

Elev.(ft.) 277

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.05 3/49	1.15 3/49	1.41 2/50	2.10 8/46	2.80 8/46	3.95 8/46
Feb.	Amt. Date	0.55a 21/45	0.89 21/45	1.10 8/44	1.70 8/44	2.68 8/44	4.02 11-12/50
Mar.	Amt. Date	1.37 16/45	1.47 16/45	1.50 16/45	1.57 30/45	1.71 29-30/45	2.24 29-30/45
Apr.	Amt. Date	1.30 15/45	2.40 15/45	3.00 15/45	4.06 14-15/45	4.25 14-15/45	4.64 15-16/45
May	Amt. Date	1.60 10/43	2.58 24/46	3.30 10/43	5.48 10/43	5.50 10/43	5.90 9/10/43
Jun.	Amt. Date	1.10 17/45	1.65 19/48	2.13 19/48	2.62 19/48	3.50 19/48	4.25 19/48
Jul.	Amt. Date	1.55 7/49	1.83 7/49	2.08 7/49	2.11 7/49	2.73 7/49	3.57 6-7/49
Aug.	Amt. Date	1.58 15/42	1.98b 15/42	2.01 15/42	2.10c 22/42	2.14 22/42	3.22 9-10/40
Sep.	Amt. Date	1.15 24/41	1.24 24/41	1.35 24/41	1.85 24/41	2.35 12-13/45	3.55 12-13/45
Oct.	Amt. Date	1.78 4/47	1.78 4/47	1.78 4/47	1.81 24/46	2.10d 24/46	2.62 25-26/47
Nov.	Amt. Date	1.70 7/42	2.30 7/42	2.35 7/42	3.10 7/42	3.15 7/42	3.15 7/42
Dec.	Amt. Date	0.64 2/50	1.16 28/46	1.30 31/47	1.84 31/47	3.07 31/47	3.54 31/47- 1/48
Annual	Amt. Date	1.78 10/4/47	2.58 5/24/46	3.30 5/10/43	5.48 5/10/43	5.50 5/10/43	5.90 5/10/43

a Also 5/46

b Also 13/45

c Also 26/49

d Also 4/47

U.S. WEATHER BUREAU

Station: BEAR CREEK LAKE

Drainage basin: WHITE

County: LEE

Lat. 34° 43' Long. 90° 42'

Elev.(ft.) 220

Period of record: 1946-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.54 10/50	0.96 10/50	1.44 10/50	1.89 10/50	1.95 10/50	1.96 9-10/50
Feb.	Amt. Date	0.13 28/47	0.15 28/47	0.16 28/47	0.23 28/47	0.30 28-1/47	0.38 28-1/47
Mar.	Amt. Date	0.78 24/49	1.28 24/49	1.30 24/49	1.50 23/47	2.03 8-9/49	2.64 21-22/48
Apr.	Amt. Date	0.61 24/47	0.95 10/47	1.18 10/47	1.59 10/47	1.86 10-11/47	1.86 10-11/47
May	Amt. Date	0.95 3/48	1.18 3/48	1.33 3/48	1.95 3/48	1.95 3/48	2.04 3/48
Jun.	Amt. Date	0.95 11/49	1.10 11/49	1.10 11/49	1.12 10/49	1.41 13-14/49	2.45 13-14/49
Jul.	Amt. Date	2.47 7/49	2.53 7/49	2.65 7/49	2.65 7/49	2.65 7/49	2.65 7/49
Aug.	Amt. Date	0.95 25/48	1.48 25/48	1.73 25/48	2.28 25/48	2.30 25/48	2.30 25/48
Sep.	Amt. Date	0.30 15/46	0.30 15/46	0.30 15/46	0.30 15/46	0.30 15/46	0.39 21-22/46
Oct.	Amt. Date	0.80 24/46	1.05 24/46	1.15 24/46	2.01 24-25/46	2.20 24-25/46	2.20 24-25/46
Nov.	Amt. Date	0.81 10/46	1.11 10/46	1.64 10/46	2.21 10/46	2.51 10/46	2.91 10/46
Dec.	Amt. Date	1.37 28/46	1.65 11/49	2.05 11/49	2.22 11/49	2.30 11-12/49	3.27 10-11/49
Annual	Amt. Date	2.47 7/7/49	2.53 7/7/49	2.65 7/7/49	2.65 7/7/49	2.65 7/7/49	3.27 12/10-11/49

U.S. WEATHER BUREAU

Station: BEEBE

Drainage basin: WHITE

County: WHITE

Lat. 35° 04' Long. 91° 54'

Elev.(ft.) 250

Period of record: 1944-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.40 10/50	1.60 10/50	1.67 10/50	2.10 10/50	2.47 9-10/50	2.67 15-16/49
Feb.	Amt. Date	0.62 11/50	0.85 20/45	1.09 20/45	1.81 20/45	2.45 11-12/50	4.43 11-12/50
Mar.	Amt. Date	1.58 26/49	1.75 26/49	1.90 26/49	1.99 26/49	2.16 8-9/49	2.63 8-9/49
Apr.	Amt. Date	1.32 25/50	2.37 15/46	2.57 15/46	3.26 15/46	3.66 15-16/46	3.67 15-16/46
May	Amt. Date	0.57 2/44	0.90 29/50	1.04 2/50	1.39 2/50	1.87 15/45	2.11 15/45
Jun.	Amt. Date	1.35 17/45	1.80 17/45	2.00 17/45	2.34 17/45	2.36 17/45	2.54 16-17/45
Jul.	Amt. Date	0.55 16/47	0.85 16/47	1.24 21/50	1.59 21/50	1.90 21/50	1.90 21/50
Aug.	Amt. Date	0.80 14/45	0.82 14/45	0.82 14/45	0.83 14/45	1.14 30/44	1.26 30-31/44
Sep.	Amt. Date	1.15 12/45	1.20 12/45	1.62 12/45	2.52 12/45	3.05 12/45	4.25 12-13/45
Oct.	Amt. Date	0.90 13/43	1.45 12-13/43	1.87 12-13/43	2.60 12-13/43	2.82 12-13/43	2.82 12-13/43
Nov.	Amt. Date	0.93 2/45	1.25 2/45	1.30 2/45	1.65 5/44	1.82 9/44	2.74 8-9/44
Dec.	Amt. Date	0.64 11/49	0.93 15/48	1.23 15/48	1.78 15/48	1.99 15/48	2.53E 5-6/44
Annual	Amt. Date	1.58 3/26/49	2.37 4/15/46	2.57 4/15/46	3.26 4/15/46	3.66 4/15-16/46	4.43 2/11-12/50

U.S. WEATHER BUREAU

Station: BENTONVILLE WB CITY

Drainage basin: ARKANSAS

County: BENTON

Lat. 36° 22' Long. 94° 12'

Elev.(ft.) 1303

Period of record: 1912-1920

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.71 26/16	1.20 26/16	1.44 26/16	2.30 26/16	3.39 26-27/16	3.46w 26-27/16
Feb.	Amt. Date	0.67 22/16	0.67 22/16	0.67 22/16	0.97 20-21/13	1.63 20/12	2.06w 20/12
Mar.	Amt. Date	1.04w 20/13	1.39 20/13	1.68 20/13	1.89 24-25/20	2.35 24-25/20	2.53 24-25/20
Apr.	Amt. Date	1.40w 28/12	1.48 28/12	1.65 28/12	2.58 28/12	2.59 27-28/12	3.01 27-28/12
May	Amt. Date	1.18 29/20	1.43 19/15	1.71 19/15	1.85 26-27/15	2.18 26-27/15	2.57 3/17
Jun.	Amt. Date	1.50w 1/19	2.14w 1/19	2.22 24/15	2.40 24/15	2.65 23-24/15	2.74 23-24/15
Jul.	Amt. Date	1.84w 4/16	2.04w 14/17	2.12 14/17	2.53 14/17	3.10 14-15/17	3.48 14-15/17
Aug.	Amt. Date	1.36w 30/20	1.46 30/20	1.65 19/15	2.73 19/15	3.68 19/15	4.81 18-19/15
Sep.	Amt. Date	1.22w 17/15	1.37 25/18	1.47 25/18	1.60 25/18	1.70 17/12	2.08 26-27/17
Oct.	Amt. Date	2.31w 8/19	2.56 8/19	2.70 8/19	2.83 8/19	3.64 8/19	3.64 8/19
Nov.	Amt. Date	0.50 5/12	0.90 5/12	1.13 27/17	1.82 27/17	3.34 27/17	5.10x 27/17
Dec.	Amt. Date	0.60 31/15	0.77 31/15	0.85 31/15	1.02 31/15	1.58 31/15	1.86x 12-13/18
Annual	Amt. Date	2.31w 10/8/19	2.56 10/8/19	2.70 10/8/19	2.83 10/8/19	3.68 8/19/15	5.10x 11/27/17

U.S. WEATHER BUREAU

Station: BERRYVILLE

Drainage basin: WHITE

County: CARROLL

Lat. 36° 22' Long. 93° 34'

Elev.(ft.) 1255

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.55 1/41	1.05 1/41	1.25 <u>31-1/41</u>	1.77 1/41	2.21 <u>31-1/41</u>	2.60 <u>31-1/48</u>
Feb.	Amt. Date	0.61 5/42	0.85a 13/46	1.20 13/46	1.86 20-21/45	2.27 25-26/45	3.43 25-26/45
Mar.	Amt. Date	1.15 15/44	1.72 18/45	1.95 18/45	2.50 18/45	2.89 18-19/45	3.43 18-19/45
Apr.	Amt. Date	1.24 18/41	2.34 18/41	2.77 18/41	3.00 18-19/41	3.59 18-19/41	3.98 18-19/41
May	Amt. Date	1.16 19/50	1.88 16/47	2.01 16/47	2.48 9-10/50	3.34 9-10/50	4.68 9-10/43
Jun.	Amt. Date	1.34 4/49	2.00 10/41	2.30 10/41	2.76 10/41	3.22 9-10/41	3.27 9-10/41
Jul.	Amt. Date	0.70 18/48	1.00 18/48	1.15 18/48	1.35 26/48	1.47 7-8/49	1.47 7-8/49
Aug.	Amt. Date	3.40 2/49	4.42 2/49	4.52 2/49	4.59 2/49	4.59 2/49	4.59 2/49
Sep.	Amt. Date	1.07 18/49	1.31 18/49	1.44 18/49	1.80 24/41	2.25 24-25/45	2.80 24-25/45
Oct.	Amt. Date	1.54 29/42	1.59 29/42	1.95 29/42	2.57 29/42	3.95 29-30/42	4.31 29-30/42
Nov.	Amt. Date	1.90 21/42	2.24 2/46	2.45 21/42	2.69 2/46	4.14 2/46	4.14 2/46
Dec.	Amt. Date	0.75 26/42	1.08 26/42	1.27 26/42	1.89 26/42	3.19 26-27/42	3.39 26-27/42
Annual	Amt. Date	3.40 8/2/49	4.42 8/2/49	4.52 8/2/49	4.59 8/2/49	4.59 8/2/49	4.68 5/9-10/43

a Also 14/49

U.S. WEATHER BUREAU

Station: BLAKELY MTN. DAM

Drainage basin: OUACHITA

County: GARLAND

Lat. 34° 36' Long. 93° 11'

Elev.(ft.) 510

Period of record: 1950 (BREAKS)

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date			NO RECORD			
Feb.	Amt. Date			NO RECORD			
Mar.	Amt. Date			NO RECORD			
Apr.	Amt. Date			NO RECORD			
May	Amt. Date	0.84 1/50	1.07 1/50	1.34 1/50	1.85 1/50	2.03 6/50	2.75 1-2/50
Jun.	Amt. Date	0.98 10/50	1.58 10/50	1.63 10/50	1.72 10/50	1.72 10/50	1.99 2-3/50
Jul.	Amt. Date	1.28 25/50	1.31 25/50	1.32 25/50	1.32 25/50	1.32 25/50	1.32 25/50
Aug.	Amt. Date	1.01 22/50	1.02 22/50	1.04 22/50	1.12 5/50	1.19 5/50	1.21 4-5/50
Sep.	Amt. Date	0.89 15/50	1.14 15/50	1.14 15/50	1.89 15/50	2.61 15/50	3.75 15-16/50
Oct.	Amt. Date	0.38 21/50	0.46 21/50	0.60 21/50	0.71 21/50	1.23 21/50	1.55 21-22/50
Nov.	Amt. Date	0.43 15/50	0.55 15/50	0.57 15/50	0.58 15-16/50	0.58 15-16/50	0.58 15-16/50
Dec.	Amt. Date	0.14 2/50	0.16 2/50	0.18 2/50	0.20 2/50	0.20 2/50	0.20 2/50
Annual	Amt. Date	1.28 7/25/50	1.58 6/10/50	1.63 6/10/50	1.89 9/15/50	2.61 9/15/50	3.75 9/15-16/50

U.S. WEATHER BUREAU

Station: BLUE MOUNTAIN DAM

Drainage basin: ARKANSAS

County: YELL

Lat. 35° 06' Long. 93° 39'

Elev.(ft.) 455

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.20 23/49	1.55 23/49	1.69 23/49	2.48 23-24/49	4.28 23-24/49	5.58 28-29/49
Feb.	Amt. Date	0.87 13/46	1.34 13/46	1.78 13/46	2.14 13/46	2.44 12-13/46	3.63 11-12/50
Mar.	Amt. Date	1.44 24/49	1.75 29/45	1.90 29/45	3.26 29-30/45	3.77 29-30/45	3.79 29-30/45
Apr.	Amt. Date	1.71 11/43	2.06 11/43	2.25 11/43	2.49 11/43	2.49 11/43	2.49 11/43
May	Amt. Date	2.80 15/43	3.18 15/43	3.19 15/43	4.53 10/43	5.01 10/43	6.12 9-10/43
Jun.	Amt. Date	1.45 10/45	2.60 10/45	3.14 10/45	3.65 10/45	4.05 10/45	4.98 9-10/45
Jul.	Amt. Date	2.05 25/41	2.63 25/41	2.77 25/41	2.80 25/41	2.80 25/41	3.73 29-30/50
Aug.	Amt. Date	1.90 15/49	2.10 15/49	2.10 15/49	2.10 15/49	2.10a 22/42	2.26 17-18/40
Sep.	Amt. Date	1.30 21/46	1.80 11/47	2.25 11-12/47	2.65 11-12/47	3.00 12/45	3.15 12/45
Oct.	Amt. Date	1.21 28/41	1.38 21/45	1.63 21/45	1.68 21/45	2.20 30/41	3.21 30-31/41
Nov.	Amt. Date	1.25 14/44	1.49 10/40	1.58 10/40	1.90 7/44	2.15 7/44	2.62 7/44
Dec.	Amt. Date	1.40 31/47	1.56 31/47	1.77 31/47	2.60 31/47	4.23 31/47	4.72 31-1/47
Annual	Amt. Date	2.80 5/15/41	3.18 5/15/43	3.19 5/15/43	4.53 5/10/43	5.01 5/10/43	6.12 5/9-10/43

a Also 15/49

U. S. WEATHER BUREAU

Station: BOONEVILLE

Drainage basin: ARKANSAS

County: LOGAN

Lat. 35° 09' Long. 93° 55'

Elev.(ft.) 511

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.95 2/50	1.28 2/50	1.46 2/50	2.02 1/41	2.22 <u>31-1/41</u>	4.31 <u>31-1/48</u>
Feb.	Amt. Date	0.60 11/50	0.93 11/50	1.13 11-12/50	1.65 11-12/50	2.80 11-12/50	3.70 11-12/50
Mar.	Amt. Date	1.16 18/45	1.40 18/45	1.52 18/45	1.84 18/45	2.21 18/45	3.69 18-19/45
Apr.	Amt. Date	1.05 11/43	2.00 11/43	2.02 11/43	2.03 11/43	2.60 11/43	2.79 7-8/42
May	Amt. Date	1.48 15/43	2.10 10/43	2.39 10/43	4.36 10/43	4.77 10/43	5.02 9-10/43
Jun.	Amt. Date	3.65 10/45	3.95 10/45	4.05 10/45	4.58 10/45	4.60 10/45	5.38 10-11/45
Jul.	Amt. Date	1.12 1/41	1.12 1/41	1.14 1/41	1.46 21/50	2.05 22/50	2.15 21-22/50
Aug.	Amt. Date	1.74 26/44	2.18 26/44	2.41 26/44	2.57 26/44	2.77 17/40	2.77 17/40
Sep.	Amt. Date	1.20 11/47	2.05 11/47	2.25 11-12/47	2.95 24/41	3.39 12/45	3.50a 12/45
Oct.	Amt. Date	1.22 21/49	1.34 21/49	1.40 21/49	1.82 21/49	2.24 21/49	3.10 29-30/42
Nov.	Amt. Date	0.58 10/40	0.89 7/44	1.21 3/46	2.05 3/46	2.26 3/46	2.35 3/46
Dec.	Amt. Date	1.07 9/46	1.30 9/46	1.69 9/46	2.82 9-10/46	3.67 9-10/46	4.31 31/47-1/48
Annual	Amt. Date	3.65 6/10/45	3.95 6/10/45	4.05 6/10/45	4.58 6/10/45	4.77 5/10/43	5.38 6/10-11/45

a Also 15-16/50

U. S. WEATHER BUREAU

Station: BOTKINBURG

Drainage basin: WHITE

County: VAN BUREN

Lat. 35° 39' Long. 92° 30'

Elev.(ft.) 1200

Period of record: 1940-1950 (BREAK)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.90 12/50	1.10 12/50	1.38 12/50	2.00 12/50	3.48 E 22-23/49	5.32 E 22-23/49
Feb.	Amt. Date	0.64 21/45	0.90 a 21/45	1.20 21/45	1.98 16/45	2.66 16-17/45	3.45 20-21/45
Mar.	Amt. Date	1.05 16/45	1.25 16/45	1.50 25/49	1.73 7/42	2.20 5-6/46	2.54 5-6/46
Apr.	Amt. Date	1.80 22/44	2.10 22/44	2.20 22/44	3.58 22/44	3.96 22/44	3.96 22/44
May	Amt. Date	1.72 2/46	2.07 2/46	2.42 10/43	3.22 10/43	3.38 2/46	3.84 9-10/43
Jun.	Amt. Date	2.00 9/45	3.70 9/45	4.54 9/45	6.08 9/45	7.44 9-10/45	8.28 9-10/45
Jul.	Amt. Date	1.40 7/49	1.60 7/49	1.70 11/48	2.00 8/50	2.40 17-18/50	2.83 17-18/50
Aug.	Amt. Date	1.50 25/50	1.70 25/50	1.75 22/42	2.62 22/42	2.90 22/42	2.98 22/42
Sep.	Amt. Date	1.16 6/49	1.85 24/41	2.40 24/41	3.45 24/41	3.82 24/41	3.82 24/41
Oct.	Amt. Date	1.21 24/46	1.71 24/46	1.71 b 24/46	3.10 24/46	3.90 24/46	3.90 24/46
Nov.	Amt. Date	1.00 10/40	1.52 10/40	1.67 10/40	1.73 10-11/40	2.04 22-23/40	2.50 22-23/40
Dec.	Amt. Date	0.86 11/49	1.46 26/42	1.81 26-27/42	2.79 26-27/42	3.57 26-27/42	3.70 26-27/42
Annual	Amt. Date	2.00 6/9/45	3.70 6/9/45	4.54 6/9/45	6.08 6/9/45	7.44 6/9-10/45	8.28 6/9-10/45

a. Also 13/46

b. Also 30/48

U.S. WEATHER BUREAU

Station: BRINKLEY

Drainage basin: WHITE

County: MONROE

Lat. 34° 54' Long. 91° 11'

Elev.(ft.) 205

Period of record: 1941-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.98 13/50	1.40 13/50	1.50 13/50	2.01 8/46	3.84 8/46	4.72 8/46
Feb.	Amt. Date	0.70a 26/48	0.95 28/50	1.07 12/50	1.35 12/50	2.02 12/50	2.69 11-12/48
Mar.	Amt. Date	0.85 13/42	1.24 26/49	1.30b 21/48	1.94 21-22/48	2.95 21-22/48	3.55 21-22/48
Apr.	Amt. Date	1.37 19/44	1.61 19/44	1.68 19-20/44	2.11 15-16/46	2.41 8/42	3.55 7-8/42
May	Amt. Date	1.90 23/44	3.44 23/44	3.51 23/44	3.60 23/44	3.60 23/44	3.60 23/44
Jun.	Amt. Date	1.27 19/48	1.84 20/47	1.90 17/45	2.58 17/45	2.59 17/45	2.81 17-18/45
Jul.	Amt. Date	1.90 7/49	2.45 21/42	2.45 21/42	2.45 21/42	2.45 21/42	2.45 21/42
Aug.	Amt. Date	1.73 24/50	2.41 24/50	2.69 24/50	2.90 24/50	3.01 23-24/50	3.22 23-24/50
Sep.	Amt. Date	1.19 6/43	1.54 4/43	1.64 4/43	1.97 28-29/46	2.21 12/45	3.17 12-13/45
Oct.	Amt. Date	0.90 31/48	1.42 1/45	1.94 1/45	2.72 5/49	3.48 4-5/49	4.40 4-5/49
Nov.	Amt. Date	1.39 9/46	2.15 9/46	2.63 9/46	3.62 9-10/46	3.82 9-10/46	4.03 9-10/46
Dec.	Amt. Date	1.27 10/49	1.45 10/49	1.46 10/49	1.87 31/47	2.39 24-25/44	2.91 24-25/44
Annual	Amt. Date	1.90c 5/23/44	3.44 5/23/44	3.51 5/23/44	3.62 11/9-10/46	3.84 1/8/46	4.72 1/8/46

- a Also 28/50
- b Also 26/49
- c Also 7/7/49

U. S. WEATHER BUREAU

Station: BULL SHOALS DAM

Drainage basin: WHITE

County: BAXTER

Lat. 36° 22' Long. 92° 34'

Elev.(ft.) 760

Period of record: 1947-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.61 3/50	0.88 3/50	1.22 3/50	2.05 3-4/50	2.65 24/49	3.47 23-24/49
Feb.	Amt. Date	0.50 13/49	1.00 13/49	1.45 13/49	1.82 13/49	2.32 13-14/49	2.72 13-14/49
Mar.	Amt. Date	0.46 11/50	0.78 11/50	1.03 11/50	1.08 11/50	1.09 11/50	1.13 10-11/50
Apr.	Amt. Date	0.63 29/50	0.80 29/50	0.96 29/50	1.18 29/50	1.41 29/50	1.67 29-30/50
May	Amt. Date	0.65 10/50	1.18 10/50	1.74 10/50	3.06 9-10/50	4.32 9-10/50	5.80 9-10/50
Jun.	Amt. Date	0.95 19/50	1.10 19/50	1.70 19/48	2.20 18-19/48	2.24 18-19/48	2.25 18-19/48
Jul.	Amt. Date	1.45 18/48	2.85 18/48	2.90 18/48	2.90 18/48	2.95 18/48	2.95 17-18/48
Aug.	Amt. Date	1.27 23/50	1.79 23/50	1.82 23/50	1.85 23/50	1.87 23/50	1.87 23/50
Sep.	Amt. Date	0.47 18/49	0.67 18/49	0.77 18/49	1.05 18/49	1.13 15/50	1.80 15/50
Oct.	Amt. Date	0.53 11/49	0.55 11/49	0.70 11/49	0.95 11/49	1.26 5/49	1.61 4-5/49
Nov.	Amt. Date	0.45 15/50	0.46 15/50	0.46 15/50	0.60 6/48	0.95 6/48	1.15 6-7/48
Dec.	Amt. Date	0.40a 31/47	0.73 31/47	1.00 31/47	1.65 31/47	2.95 31/47	3.27 31-1/47
Annual	Amt. Date	1.45 7/18/48	2.85 7/18/48	2.90 7/18/48	3.06 5/9-10/50	4.32 5/9-10/50	5.80 5/9-10/50

a Also 14/48

U.S. WEATHER BUREAU

Station: CAMDEN 2

Drainage basin: OUACHITA

County: OUACHITA

Lat. 33° 35' Long. 92° 51'

Elev.(ft.) 155

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.78 27/49	1.20 27/49	1.44 27/49	1.98 12/50	2.81 11-12/50	3.23 11-12/50
Feb.	Amt. Date	0.87 12/50	1.57 12/50	1.63 12/50	2.05 8/44	3.16 12/50	3.35 11-12/50
Mar.	Amt. Date	1.69 24/49	2.39 24/49	2.40 24/49	2.65 21-22/48	3.46 6/41	3.72 6/41
Apr.	Amt. Date	1.15 10/47	1.55 10/47	1.62 10/47	2.19 26/49	2.92 25/42	5.46 25-26/42
May	Amt. Date	1.49 16/47	1.91 13/47	2.10 13/47	2.17 13/47	2.46 15/45	2.96 1-2/50
Jun.	Amt. Date	1.65 14/45	2.07 28/40	2.22 28/40	2.30 28/40	2.30 28/40	2.30 28/40
Jul.	Amt. Date	2.00 1/40	2.33 1/40	2.43 1/40	3.04 1/40	3.58 1/40	6.92 1-2/40
Aug.	Amt. Date	1.57 16/50	2.35 7/45	2.51 7/45	4.20 7/45	4.65 7/45	4.71 7/45
Sep.	Amt. Date	1.00 14/50	1.73 16/49	2.12 16/49	2.39 16/49	2.41 16/49	2.54 16/49
Oct.	Amt. Date	1.12 31/40	1.73 28/40	2.02 28/40	2.62 4-5/49	3.70 4-5/49	4.62 4-5/49
Nov.	Amt. Date	1.46 9/46	1.88 9-10/46	2.12 9-10/46	2.40 9-10/46	2.72 ^a 9-10/46	3.16 15-16/48
Dec.	Amt. Date	0.80 22/41	0.95 22/41	1.09 31/47	1.49 26/44	2.30 26-27/44	3.00 5-6/44
Annual	Amt. Date	2.00 7/1/40	2.39 3/24/49	2.51 8/7/45	4.20 8/7/45	4.65 8/7/45	6.92 7/1-2/40

a Also 15-16/48

U.S. WEATHER BUREAU

Station: CANAAN

Drainage basin: WHITE

County: SEARCY

Lat. 35° 52' Long. 92° 44'

Elev.(ft.) 800

Period of record: 1940-1950 (BREAK)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.90 24/49	1.20 24/49	1.80 24/49	2.95 23-24/49	3.55 23-24/49	4.95 23-24/49
Feb.	Amt. Date	0.57 21/45	0.85 13/49	1.00 13/49	1.55 13/49	2.47 13/49	2.98 13-14/49
Mar.	Amt. Date	0.79 25/45	1.05 25/49	1.36 18/45	2.06 30/45	2.84 18/45	3.33 18-19/45
Apr.	Amt. Date	1.66 15/45	2.26 15/45	2.53 14-15/45	3.70 14-15/45	3.83 14-15/45	4.55 14-15/45
May	Amt. Date	1.26 8/43	1.51 8-9/43	1.94 10/43	2.68 10/43	3.74 10/43	5.14 9-10/43
Jun.	Amt. Date	1.45 10/45	2.20 10/45	2.70 10-11/45	3.00 10-11/45	4.10 9-10/45	4.68 9-10/45
Jul.	Amt. Date	1.18 12/49	1.30 12/49	1.97 20/50	2.46 20/50	2.62 19-20/50	3.55 19-20/50
Aug.	Amt. Date	1.00 27/41	1.66 23/44	2.18 23/44	2.32 23/44	2.73 15/42	3.70 14-15/42
Sep.	Amt. Date	1.14 24/41	2.03 24/41	2.73 24/41	3.95 24/41	4.35 24/41	4.37 24/41
Oct.	Amt. Date	1.00 16/48	1.53 26/41	1.58 26/41	1.60 16/48	2.06 30-31/41	3.25 29-30/42
Nov.	Amt. Date	1.07 10/40	1.40 10/40	1.60 10/40	1.62 10/40	1.95 14/44	1.95 14/44
Dec.	Amt. Date	1.07 15/48	1.30 10/46	1.64a 9-10/46	2.82 9-10/46	3.81 9-10/46	3.90 9-10/46
Annual	Amt. Date	1.66 4/15/45	2.26 4/15/45	2.73 9/24/41	3.95 9/24/41	4.35 9/24/41	5.14 5/9-10/43

a Also 31/47

U.S. WEATHER BUREAU

Station: CARPENTER DAM

Drainage basin: OUACHITA

County: GARLAND

Lat. 34° 27' Long. 93° 01'

Elev.(ft.) 405

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.00 24/49	1.28 24/49	1.43 24/49	1.88 24/49	2.52 24/49	2.76 24-25/49
Feb.	Amt. Date	1.00 21/45	1.39 21/45	1.50 21/45	1.68 21/45	1.83 11-12/50	2.83 11-12/50
Mar.	Amt. Date	1.07 26/49	1.41 30/45	2.10 29-30/45	2.74 29-30/45	3.71 29-30/45	4.30 29-30/45
Apr.	Amt. Date	1.50 30/44	2.65 30/44	3.48 30/44	4.25 29/46	4.92 29/46	5.06 29-30/46
May	Amt. Date	1.67 11/45	1.91 23/46	2.48 23/46	3.57 23/46	4.57 23/46	4.57 23/46
Jun.	Amt. Date	1.14 11/45	1.55 11/45	2.32 11/45	2.67 11/45	2.77 10-11/45	3.56 10-11/45
Jul.	Amt. Date	1.84 14/41	2.19 14/41	2.23 14/41	2.23 14/41	2.25 14/41	2.25 14/41
Aug.	Amt. Date	1.12 18/46	1.28 22/45	1.37 22/45	1.90 22/42	2.03 22/42	2.03 22/42
Sep.	Amt. Date	1.27 14/50	1.55 14/50	1.65 7/42	2.71 7/42	2.81 7/42	3.87 7-8/42
Oct.	Amt. Date	0.98 26/41	1.08 26/41	1.51 12/43	2.68 12-13/43	2.75 12-13/43	2.80 26/47
Nov.	Amt. Date	1.50 8/44	1.95 8/44	2.15 8/44	2.24 8/44	2.87 8/44	3.17 7-8/44
Dec.	Amt. Date	1.11 11/49	1.32 11/49	1.45 11/49	1.47 11/49	2.18 5/44	3.07 5-6/44
Annual	Amt. Date	1.84 7/14/41	2.65 4/30/44	3.48 4/30/44	4.25 4/29/46	4.92 4/29/46	5.06 4/29-30/46

U. S. WEATHER BUREAU

Station: CLARKSVILLE 3 SE

Drainage basin: ARKANSAS

County: JOHNSON

Lat. 35° 26' Long. 93° 25'

Elev.(ft.) 550

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.95 23/49	1.79 23/49	2.47 23-24/49	3.92 23-24/49	5.89 23-24/49	6.92 23-24/49
Feb.	Amt. Date	0.60 16/45	0.99 16/45	1.00 16/45	1.50 8/44	2.33 20-21/45	3.31 20-21/45
Mar.	Amt. Date	1.20 18/45	1.55 5/46	2.15 5/46	2.80 5/46	2.80 5/46	3.88 18-19/45
Apr.	Amt. Date	0.91 9/47	1.38 9/47	1.69 9/47	2.23 8/44	2.37 8/44	2.41 8-9/44
May	Amt. Date	1.60 10/43	2.38 10/43	3.15 10/43	5.40 10/43	6.25 10/43	7.30 9-10/43
Jun.	Amt. Date	1.10 25/46	2.15 25/46	2.15 25/46	2.60 10/45	3.96 9-10/45	5.22 10/45
Jul.	Amt. Date	2.10 18/50	3.76 18/50	4.90 18/50	6.39 17-18/50	6.73 17-18/50	6.94 17-18/50
Aug.	Amt. Date	2.34 27/41	2.38 27/41	2.39 27/41	2.62 27/41	2.62 27/41	2.62 27/41
Sep.	Amt. Date	1.52 3/40	1.77 3/40	2.15 15/49	2.96 18/49	3.26 18/49	4.04E 11-12/45
Oct.	Amt. Date	0.74 30/41	1.05a 9/41	1.18 31/47	1.55 12-13/43	2.36 19-20/48	3.75 19-20/48
Nov.	Amt. Date	1.27 18/45	1.32 18/45	1.76 18/45	1.91 18/45	1.91 18/45	2.13 4-5/42
Dec.	Amt. Date	0.80 15/48	1.15 15/48	1.69 9-10/46	2.58 9-10/46	3.65 9-10/46	3.80 31-1/47
Annual	Amt. Date	2.34 8/27/41	3.76 7/18/50	4.90 7/18/50	6.39 7/17-18/50	6.73 7/17-18/50	7.30 5/9-10/43

a Also 31/47

U.S. WEATHER BUREAU

Station: COMBS

Drainage basin: WHITE

County: MADISON

Lat. 35° 50' Long. 93° 50'

Elev.(ft.) 1400

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.90 27/44	1.00 27/44	1.08 27/44	1.72 4-5/46	2.59 23-24/49	3.54 24-25/49
Feb.	Amt. Date	1.10 14/49	1.23 14/49	1.52 20-21/45	2.21 20-21/45	2.71 20-21/45	3.37 20-21/45
Mar.	Amt. Date	3.10 23/45	3.10 23/45	3.10 23/45	3.10 23/45	3.10 23/45	3.24 23-24/45
Apr.	Amt. Date	1.51 14/45	2.50 14/45	2.90 14/45	3.81 14-15/45	4.06 14-15/45	6.61 14/45
May	Amt. Date	1.97 27/49	2.30 8/43	3.02 8/43	3.57 8-9/43	4.75 24/46	5.32 24/46
Jun.	Amt. Date	1.60 30/42	2.69 14/44	3.15 14/44	4.13 14/44	4.25 9-10/45	5.50 9-10/45
Jul.	Amt. Date	1.80 6/47	2.65 29/46	3.25 6/47	4.05 6/47	4.10 6/47	4.10 6/47
Aug.	Amt. Date	1.05 16/42	1.75 16/42	1.92 16/42	2.98 14/48	3.31 14/48	3.31 14/48
Sep.	Amt. Date	1.31 14/50	1.62 3/43	1.86 18/49	2.61 12/45	3.18 12/45	4.15 20-21/47
Oct.	Amt. Date	1.65 28/40	1.80 28/40	1.97 28/40	2.29 30/42	2.84 29-30/42	3.39 29-30/42
Nov.	Amt. Date	1.35 9/46	2.04 9/46	2.34 9/46	2.89 9/46	3.37 9/46	3.60 4-5/42
Dec.	Amt. Date	1.84 26/42	2.16 26/42	2.64 26/42	3.40 26/42	4.66 26-27/42	4.90 26-27/42
Annual	Amt. Date	3.10 3/23/45	3.10 3/23/45	3.25 7/6/47	4.13 6/14/44	4.75 5/24/46	6.61 4/14/45

U.S. WEATHER BUREAU

Station: COMPTON

Drainage basin: WHITE

County: NEWTON

Lat. 36° 06' Long. 93° 18'

Elev.(ft.) 2166

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.48a 26/44	0.84 3/50	1.08 3-4/50	1.76 3-4/50	2.14 3-4/50	3.06 <u>31-1/48</u>
Feb.	Amt. Date	1.08 9/46	1.08 9/46	1.35 25/45	2.28 25-26/45	2.58 25-26/45	3.43 25-26/45
Mar.	Amt. Date	0.60 18/45	1.20 18/45	1.70 18/45	2.35 18/45	2.98 18-19/45	4.40 18-19/45
Apr.	Amt. Date	1.58 29/47	1.68 29/47	1.68 29/47	1.68 29/47	2.20 1-2/45	2.70 1-2/45
May	Amt. Date	1.04 10/43	1.80 23/48	2.10 23/48	2.20 23/48	2.75 8-9/43	3.60 9-10/43
Jun.	Amt. Date	1.62 4/49	1.92 4/49	1.92 4/49	2.00 4/49	2.00 4/49	2.00 4/49
Jul.	Amt. Date	1.30 31/44	1.82 30/50	1.92 30/50	1.92 30/50	1.95 30/50	1.97 30/50
Aug.	Amt. Date	1.55 11/48	2.12 11/48	2.27 11/48	2.33 11/48	2.69 12-13/41	3.02 12-13/41
Sep.	Amt. Date	1.22 12/49	1.70b 24/41	2.40 24/41	3.54 24/41	3.90 24/41	3.90 24/41
Oct.	Amt. Date	1.10 31/47	1.20c 20/43	1.45 21/45	1.90 30/41	2.59 30/41	3.40 30-31/41
Nov.	Amt. Date	0.75 1/48	0.86 1/48	1.00 9/46	1.32 9/46	1.77 4-5/42	2.17 4-5/42
Dec.	Amt. Date	1.25 26/42	2.15 26/42	2.40 26/42	3.65 26/42	4.65 26/42	4.86 26-27/42
Annual	Amt. Date	1.62 6/4/49	2.15 12/26/42	2.40d 9/24/41	3.65 12/26/42	4.65 12/26/42	4.86 12/26-27/42

- a Also 3/50
- b Also 6/49
- c Also 21/45
- d Also 12/26/42

U.S. WEATHER BUREAU

Station: CORNING

Drainage basin: WHITE

County: CLAY

Lat. 36° 24' Long. 90° 35'

Elev.(ft.) 293

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 1/42	0.54 <u>31-1/48</u>	0.90 <u>31-1/42</u>	1.64 <u>31-1/42</u>	3.19 <u>31-1/48</u>	3.19 <u>31-1/48</u>
Feb.	Amt. Date	1.22 21/45	1.56 21/45	1.71 21/45	1.93 13/46	2.33 20-21/45	4.09 13-14/49
Mar.	Amt. Date	0.82 18/45	1.25 18-19/45	1.33 18-19/45	1.48 18-19/45	1.72 30/48	2.25 18-19/45
Apr.	Amt. Date	1.10 30/40	1.58 15/45	1.93 15/45	2.41 8/42	3.35 8/42	5.90 30-1/46
May	Amt. Date	1.95 1/46	2.98 1/46	3.98 1/46	4.12 1/46	4.22 <u>30-1/46</u>	5.90 <u>30-1/46</u>
Jun.	Amt. Date	1.22 11/45	2.20 8-9/45	2.56 11/45	3.55 10-11/45	3.64 10-11/45	3.64 10-11/45
Jul.	Amt. Date	2.75 5/45	2.84 5/45	2.85 5/45	2.85 5/45	3.12 20/50	4.80 19-20/50
Aug.	Amt. Date	1.15 14/45	2.00 15/49	2.00 15/49	2.54 22-23/42	2.79 22-23/42	2.79 22-23/42
Sep.	Amt. Date	1.52 4/44	1.82 4/44	1.85 4/44	2.47 4/44	2.78 4-5/44	2.78 4-5/44
Oct.	Amt. Date	0.82 1/41	1.35 13/43	1.85 13/43	2.61 12-13/43	3.03 12-13/43	3.05 30-31/41
Nov.	Amt. Date	0.82 21/42	1.47 21/42	1.58 21/42	1.76 1/46	2.15 1-2/46	2.38 1-2/46
Dec.	Amt. Date	0.95 28/46	1.20 28/46	1.31 28/46	1.60 31-1/47	3.19 31-1/47	3.27 22-23/41
Annual	Amt. Date	2.75 7/5/45	2.98 5/1/46	3.98 5/1/46	4.12 5/1/46	4.22 4/30- 5/1/46	5.90 4/30- 5/1/46

U.S. WEATHER BUREAU

Station: DAISY

Drainage basin: OJACHITA

County: PIKE

Lat. 34° 14' Long. 93° 45'

Elev.(ft.) 629

Period of record: 1942-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.82 5/46	1.30 24/49	1.65 24/49	2.60 24/49	3.50 24/49	4.28 24-25/49
Feb.	Amt. Date	1.00 4/46	1.40 4/46	1.50 4/46	1.90 11-12/50	2.63 4/46	3.89 11-12/50
Mar.	Amt. Date	1.40 26/44	1.80 26/44	2.38 30/45	4.60 29-30/45	5.96 29-30/45	5.98 29-30/45
Apr.	Amt. Date	1.30 22/44	1.47 30/44	2.44 30/44	3.07 30/44	3.58 30-1/44	4.27 30-1/44
May	Amt. Date	1.00 6/50	1.95 20/49	1.95 20/49	2.10 28/44	2.95 6/50	3.03 6/50
Jun.	Amt. Date	2.35 7/49	2.92 7/49	3.02 7/49	3.06 7/49	3.17 7/49	3.17 7/49
Jul.	Amt. Date	1.32 18/48	1.35 14/48	1.35 14/48	1.35 14/48	1.35 14/48	1.74 14/48
Aug.	Amt. Date	1.45 8/48	2.40 8/48	3.29 8/48	3.84 8/48	4.03 8/48	4.94 8-9/48
Sep.	Amt. Date	0.78 17/49	1.17 25/45	1.49 17/49	2.30 15/50	2.30 15/50	3.90 15-16/50
Oct.	Amt. Date	0.79 21/49	1.05 12-13/43	1.23 12-13/43	2.30 12/43	2.78 12-13/43	3.17E 26/47
Nov.	Amt. Date	1.10 8/44	1.35 8/44	1.50 7-8/44	1.50 7-8/44	2.53 2-3/46	3.02 2-3/46
Dec.	Amt. Date	0.74 11/49	1.08 26/42	1.34 26/42	2.09 26/42	3.15 5/44	4.86 5-6/44
Annual	Amt. Date	2.35 6/7/49	2.92 6/7/49	3.29 8/8/48	4.60 3/29-30/45	5.96 3/29-30/45	5.98 3/29-30/45

U.S. WEATHER BUREAU

Station: DANVILLE

Drainage basin: ARKANSAS

County: YELL

Lat. 35° 03' Long. 93° 24'

Elev.(ft) 370

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.00 23/49	1.40 8/46	1.63 8/46	2.53 12/50	3.40 23-24/49	4.94 23-24/49
Feb.	Amt. Date	0.70 13/46	1.10 13/49	1.49 13/49	2.12 13/46	2.70 26/45	3.80 20-21/45
Mar.	Amt. Date	1.55 28/45	2.25 28-29/45	3.10 28-29/45	3.55 28-29/45	4.05 28-29/45	4.05 28-29/45
Apr.	Amt. Date	2.20 1/45	2.90 1/45	3.08 1/45	3.50 1-2/45	4.01 1-2/45	4.36 1-2/45
May	Amt. Date	2.00 31/46	2.85 30/49	2.95 30/49	3.00 30/49	3.00 30/49	3.35 29-30/49
Jun.	Amt. Date	1.62 21/50	2.28 21/50	2.65 9/44	2.65 9/44	2.65 9/44	3.45 8-9/44
Jul.	Amt. Date	1.94 29/46	2.58 27/46	2.60 27/46	2.60 27/46	2.70 26-27/45	2.97 26-27/45
Aug.	Amt. Date	1.92 5/50	2.34 5/50	2.44 5/50	2.74 5/50	3.05 5/50	3.05 5/50
Sep.	Amt. Date	1.80 8/42	1.88 8/42	1.88 8/42	2.18 8/42	2.50 8/42	2.88 8-9/42
Oct.	Amt. Date	1.00 21/45	1.20 12/43	1.65 21/45	2.00 12-13/43	2.73 21-22/50	3.29 21-22/50
Nov.	Amt. Date	1.15 8/44	1.35 7-8/44	2.15 7-8/44	3.16 7-8/44	3.40 7-8/44	3.70 7-8/44
Dec.	Amt. Date	0.84 31/47	1.15 26/42	1.60 26/42	2.80 26/42	3.30 31/47	3.80 31-1/47
Annual	Amt. Date	2.20 4/1/45	2.90 4/1/45	3.10 3/28-29/45	3.55 3/28-29/45	4.05 3/28-29/45	4.94 1/23-24/49

U.S. WEATHER BUREAU

Station: DENVER

Drainage basin: WHITE

County: BOONE

Lat. 36° 23' Long. 93° 18'

Elev.(ft.) 1028

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.44 2/50	0.74 24/49	1.04 24/49	1.52 24/49	1.84 2-3/50	2.25 24-25/49
Feb.	Amt. Date	0.73 11/50	1.01 11-12/50	1.52 21/45	2.28 20-21/45	2.71 20-21/45	3.02 20-21/45
Mar.	Amt. Date	0.54 5/47	0.80 18/45	1.20 18/45	1.88 18/45	2.08 18/45	2.88 18-19/45
Apr.	Amt. Date	1.40 14/45	1.47 14/45	1.77 1/45	2.43 1-2/45	2.71 1-2/45	3.30 1-2/45
May	Amt. Date	1.14 24/49	1.36a 10/43	1.95 10/43	2.51 10/43	3.77 10/43	4.83 9-10/43
Jun.	Amt. Date	2.00 13/46	3.14 13/46	3.24 13/46	3.24 13/46	3.24 13/46	3.24 13/46
Jul.	Amt. Date	1.42 7/49	1.71 7/49	2.58 7/49	2.78 7/49	2.98 28/49	3.20 7-8/49
Aug.	Amt. Date	1.21 2/44	1.98 26/50	2.17 26/50	2.53 26/50	2.69 26/50	2.69 26/50
Sep.	Amt. Date	1.44 24/40	1.90b 24/40	2.13 24/40	2.18 24/40	2.21 24/40	3.07 20-21/47
Oct.	Amt. Date	1.14 20/43	1.26 20/43	1.28 20/43	1.47 29-30/42	2.02 29-30/42	2.18 29-30/42
Nov.	Amt. Date	0.78 2/46	0.96 2/46	1.06c 2/46	1.42 1/48	1.84 9/46	1.94 9/46
Dec.	Amt. Date	0.75 28/46	0.90 28/46	1.25 14/48	1.75 26-27/42	2.73 26-27/42	2.82 31/47
Annual	Amt. Date	2.00 6/13/46	3.14 6/13/46	3.24 6/13/46	3.24 6/13/46	3.77 5/10/43	4.83 5/9-10/43

a Also 24/46

b Also 20/47

c Also 1/48

U.S. WEATHER BUREAU

Station: DUMAS NO. 2

Drainage basin: MISSISSIPPI

County: DESHA

Lat. 33° 53' Long. 91° 29'

Elev.(ft.) 165

Period of record: 1943-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.66 29/49	0.85 18/45	1.39 29/49	1.84E 8/46	2.09 8/46	2.92 7-8/46
Feb.	Amt. Date	0.73 5/46	0.88 5/46	1.02 5/46	1.41 8/44	1.89E 12-13/50	2.28 8/46
Mar.	Amt. Date	1.55 24/49	1.90 24/49	2.05 24/49	2.56 19/50	3.14 11-12/50	3.87 11-12/50
Apr.	Amt. Date	0.90a 26/49	1.37b 1/45	1.97 1/45	3.02 1/45	3.32 1/45	3.35 1/45
May	Amt. Date	1.75 5/48	2.30 5/48	2.46 5-6/48	2.49 5-6/48	2.50 5-6/48	2.50 5-6/48
Jun.	Amt. Date	0.63 16/48	0.67 14/44	0.82 11/45	0.97 3/50	1.12 3/50	1.63 2-3/50
Jul.	Amt. Date	1.60 16/48	1.70 16/48	1.75 16/48	2.19 28-29/48	3.20 28-29/48	3.25 28-29/48
Aug.	Amt. Date	1.32 3/46	1.40 3/46	1.50 15/45	1.74 30/50	2.96 30-31/50	3.19 30-31/50
Sep.	Amt. Date	2.55 18/49	2.72 18/49	2.73 18/49	2.73 18/49	2.75 18/49	2.75 18/49
Oct.	Amt. Date	1.26 8/49	1.27 8/49	1.33 21/49	1.70 21/49	1.80 21/49	2.20 4-5/49
Nov.	Amt. Date	0.90 21/48	1.30 21/48	1.55 21/48	1.70 21/48	2.30 15-16/48	2.49 15-16/48
Dec.	Amt. Date	0.95 11/49	1.50 11/49	1.72 11/49	2.67 11/49	3.03 30-31/44	3.49 30-31/44
Annual	Amt. Date	2.55 9/18/49	2.72 9/18/49	2.73 9/18/49	3.02 4/1/45	3.32 4/1/45	3.87 3/11-12/50

a Also 30/50

b Also 26/49

U.S. WEATHER BUREAU

Station: DURHAM

Drainage basin: WHITE

County: WASHINGTON

Lat. 35° 57' Long. 93° 59'

Elev.(ft.) 1243

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.80 1/41	1.08 <u>31-1/41</u>	1.30 <u>31-1/41</u>	1.76 1/41	2.19 <u>31-1/41</u>	2.68 24/49
Feb.	Amt. Date	0.75 13/46	1.05 13/46	1.21 14/49	1.65 16/45	1.99 16-17/45	2.65 13-14/49
Mar.	Amt. Date	0.60 24/45	1.00 24/45	1.28 18/45	2.28 18/45	3.01 18-19/45	3.40 18-19/45
Apr.	Amt. Date	1.73 13/45	2.24 13/45	2.59 13/45	4.29 13-14/45	5.71 13-14/49	7.15 13-14/45
May	Amt. Date	3.70 24/46	4.25 24/46	5.40 24/46	5.40 24/46	5.41 24/46	6.09 9-10/43
Jun.	Amt. Date	1.96 9/45	2.91 9/45	2.91 9/45	2.99 9/45	5.36 9-10/45	6.31 9-10/45
Jul.	Amt. Date	1.25a 24/43	2.15 6/47	2.90 6/47	3.49 6/47	3.50 6/47	3.51 6/47
Aug.	Amt. Date	1.21 29/50	1.53 26/44	2.15 11/48	3.15 11/48	3.15 11/48	3.15b 25-26/44
Sep.	Amt. Date	1.44 18/49	2.12 24/40	2.63 18/49	3.10 18/49	3.98 18/49	4.79 12-13/45
Oct.	Amt. Date	1.30 30/42	1.57 30/42	1.70 30/42	2.24 30/42	2.44 29-30/42	3.10 14-15/41
Nov.	Amt. Date	1.35 1/46	1.40 1/46	1.40 1/46	1.90 2/46	2.58 2/46	2.88 2/46
Dec.	Amt. Date	0.87 26/42	1.35 26/42	1.66 26/42	2.63 26/42	4.46 26-27/42	4.53 26-27/42
Annual	Amt. Date	3.70 5/24/46	4.25 5/24/46	5.40 5/24/46	5.40 5/24/46	5.71 4/13-14/49	7.15 4/13-14/49

a Also 6/47

b Also 11/48

U. S. WEATHER BUREAU

Station: EUREKA SPRINGS

Drainage basin: WHITE

County: CARROLL

Lat. 36° 24' Long. 93° 45'

Elev.(ft.) 1465

Period of record: 1946-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 13/50	0.56 13/50	0.77 12-13/50	0.99 12-13/50	1.67 12-13/50	2.60 31/47-1/48
Feb.	Amt. Date	0.56 13/46	0.89 13/46	1.13 13/46	1.28 13/46	2.07 12-13/46	2.47 12-13/46
Mar.	Amt. Date	0.37 12/47	0.56 11/50	0.67 11/50	0.68 11/50	0.70 11/50	0.74 12-13/47
Apr.	Amt. Date	1.28 5/47	1.33 5/47	1.38 24/47	1.48 24/47	2.13 28-29/50	2.13 28-29/50
May	Amt. Date	0.58 29/50	0.79 17/47	1.04 11/50	1.42 11/50	2.55E 9-10/50	5.10E 9-10/50
Jun.	Amt. Date	1.25 27/50	1.87 27/50	2.02 26-27/50	2.06 26-27/50	2.06 26-27/50	2.06 26-27/50
Jul.	Amt. Date	0.84 20/50	0.96 19/50	0.98 19/50	1.26 20/50	1.87 22/50	2.47 19-20/50
Aug.	Amt. Date	0.88 26/50	1.55 26/50	1.65 26/50	2.85 26/50	2.95 26/50	2.95 26/50
Sep.	Amt. Date	1.05 15/50	1.22 15/50	1.32 15/50	1.52 15/50	1.85 20-21/47	2.83 20-21/47
Oct.	Amt. Date	0.60 23/46	1.05 23/46	1.10 23/46	1.10 23/46	1.11 24/46	2.29 23-24/46
Nov.	Amt. Date	0.82 1/46	0.95 1/46	1.10 1/46	1.93 1/46	2.44 9/46	2.93 5-6/46
Dec.	Amt. Date	0.38 31/47	0.64 31/47	0.95 31/47	1.35 31/47	2.05 31/47	2.60 31-1/47
Annual	Amt. Date	1.28 4/5/47	1.87 6/27/50	2.02 6/26-27/50	2.85 8/26/50	2.95 8/26/50	5.10E 5/9-10/50

U.S. WEATHER BUREAU

Station: FAYETTEVILLE EXPER. STA.

Drainage basin: ARKANSAS

County: WASHINGTON

Lat. 36° 06' Long. 94° 10'

Elev.(ft.) 1412

Period of record: 1940-1946 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.44 1/41	0.97 <u>31-1/44</u>	1.32 <u>31-1/41</u>	1.81 <u>31-1/41</u>	2.64 <u>31-1/41</u>	2.68 <u>31-1/41</u>
Feb.	Amt. Date	0.70 13/46	0.82 13/46	0.86 13/46	1.56 20-21/45	2.14 25-26/45	2.22 25-26/45
Mar.	Amt. Date	0.88 19/45	1.25 19/45	1.78 19/45	2.49 19/45	3.40 18-19/45	4.12 18-19/45
Apr.	Amt. Date	1.60 14/45	1.76 14/45	2.06 14/45	2.69 14-15/45	2.83 14-15/45	4.32 13-14/45
May	Amt. Date	1.36 11/42	1.44 11/42	1.45 11/42	2.44 18/43	3.26 10/43	5.55 9-10/43
Jun.	Amt. Date	2.10 10/44	2.14 10/44	2.28 8/40	2.35 9/42	2.39 9/42	3.06 9-10/42
Jul.	Amt. Date	1.90 25/41	2.04 25/41	2.10 25/41	2.16 19/45	2.16 19/45	2.16 19/45
Aug.	Amt. Date	2.16 3/42	2.54 3/42	2.80 3/42	2.80 3/42	3.42 3-4/42	3.64 3-4/42
Sep.	Amt. Date	1.92 24/40	2.96 24/40	3.10 24/40	3.26 24/40	3.26 24/40	4.00 2-3/40
Oct.	Amt. Date	0.84 29/42	1.02 9/41	1.26 29/42	2.00 29/42	3.20 29-30/42	3.66 29-30/42
Nov.	Amt. Date	0.44 6/43	0.72 21/40	0.84 ^a 21/40	1.13 17/42	1.54 4-5/42	2.00 4-5/42
Dec.	Amt. Date	0.53 31/40	0.97 31-1/40	1.32 31-1/40	1.81 31-1/40	2.64 31-1/40	2.68 31-1/40
Annual	Amt. Date	2.16 8/3/42	2.96 9/24/40	3.10 9/24/40	3.26 9/24/40	3.42 8/3-4/42	5.55 5/9-10/43

^a Also 17/42

U. S. WEATHER BUREAU

Station: FOREMAN

Drainage basin: RED

County: LITTLE RIVER

Lat. 33° 43' Long. 94° 24'

Elev.(ft.) 400

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.77 15/49	0.89 15/49	0.97 8/46	1.43 8/46	2.25 26/49	2.77 7-8/46
Feb.	Amt. Date	0.97 2/43	1.26 4/46	1.78 27/45	1.94 27/45	2.12 26-27/45	3.12 26-27/45
Mar.	Amt. Date	1.50 31/45	2.60 31/45	3.80 30-31/45	6.40 30-31/45	7.86 30-31/45	8.92 30-31/45
Apr.	Amt. Date	0.95 15/46	1.57 8/47	1.74 30/41	2.44 30/41	3.24 29-30/41	4.24 22-23/41
May	Amt. Date	2.80 13/47	3.62 13/47	5.15 27/43	8.27 27/43	8.83 27/43	9.26 27/43
Jun.	Amt. Date	1.30 13/49	2.02 23/49	2.10 15/41	3.08 1-2/41	3.23 1-2/41	4.94 11-12/45
Jul.	Amt. Date	1.54 29/50	2.08 1/40	2.81 1/40	5.31 1/40	6.75 1/40	6.78 1/40
Aug.	Amt. Date	1.93 13/44	2.15 13/44	2.30 13/44	2.30 13/44	2.30 13/44	2.30a 13/44
Sep.	Amt. Date	1.25 14/50	1.47 14/50	1.49 14/50	1.88 16/50	2.97 16/50	3.10 16/50
Oct.	Amt. Date	1.10 12/43	1.23 31/48	1.47 24/49	2.60 24/49	3.31 24/49	3.35 23-24/49
Nov.	Amt. Date	1.45 3/46	1.67 22/40	1.96 8/44	2.46 8/44	2.95E 8/44	3.75 2-3/46
Dec.	Amt. Date	0.94 11/49	1.09 31/47	1.30 31/47	1.77 15/47	2.58 5-6/44	3.17 5-6/44
Annual	Amt. Date	2.80 5/13/47	3.62 5/13/47	5.15 5/27/43	8.27 5/27/43	8.83 5/27/43	9.26 5/27/43

a Also 27-28/47

U.S. WEATHER BUREAU

Station: FORREST CITY

Drainage basin: SAINT FRANCIS

County: SAINT FRANCIS

Lat. 35° 01' Long. 90° 47'

Elev.(ft.) 261

Period of record:

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	1.02 14/47	1.20 14/47	1.31 14-15/47	4.60 31/47-1/48	4.72 31/47-1/48	4.98 7-8/46	
Feb.	0.78 28/50	1.23 12/50	1.61 12/50	1.99 12/50	2.52 8/44	3.84 7-8/44	
Mar.	1.28 24/49	1.66 24/49	1.84 18/43	2.26 18/43	2.59 21-22/48	3.19 21-22/48	
Apr.	1.26 10/44	1.86 10/44	2.00 1/45	2.88 1/45	3.72 1/45	4.20 1/45	
May	1.46 23/46	1.94 3/48	2.06 3/48	2.69 6/50	3.01 6/50	3.06 6/50	
Jun.	1.15 14/43	1.24 4/49	1.36a 17/45	1.86 17/45	1.92 17/45	2.66 17-18/45	
Jul.	1.90 5/50	1.95 5/50	2.03 18/41	2.24 13/48	2.24 13/48	2.74 12-13/48	
Aug.	2.05 18/41	2.73 18/41	2.75 18-19/41	2.99 18-19/41	3.16 18-19/41	3.16 18-19/41	
Sep.	1.16 13/43	1.45 13/43	1.54 30/45	1.86 30/45	2.22 30/45	2.90 30/45	
Oct.	1.36 30/42	1.73 30/42	2.26 5/49	3.68 5/49	4.65 5/49	5.53 4-5/49	
Nov.	1.06 10/46	2.10 9-10/46	2.96 9-10/46	3.67 9-10/46	3.97 9-10/46	4.39 9-10/46	
Dec.	2.16 31/47	3.70 31/47	4.04 31/47	4.60 31/47-1/48	4.72 31/37-1/48	6.07 10-11/49	
Annual	2.16 12/31/47	3.70 12/31/47	4.04 12/31/47	4.60 31/47-1/48	4.72 31/47-1/48	6.07 12/10-11/49	

a Also 4/49

U.S. WEATHER BUREAU

Station: FORT SMITH WB AP*

Drainage basin: ARKANSAS

County: SEBASTIAN

Lat. 35° 20' Long. 94° 22'

Elev.(ft.) 458

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.55w 23/49	1.66w 23/49	1.66w 23/49	1.95 24/49	3.20 24/49	5.42y 22-23/49
Feb.	Amt. Date	0.65 13/49	1.13 13/49	1.24 13/49	2.13 20-21/45	2.74 20-21/45	3.50 20-21/45
Mar.	Amt. Date	1.30 11/45	1.61 11/45	2.03 11-12/45	2.37 11-12/45	2.90 18-19/45	3.68y 18-19/45
Apr.	Amt. Date	1.03 11/43	1.89 11/43	1.99 11/43	2.02 24-25/42	2.82 24-25/42	3.13 30-1/49
May	Amt. Date	1.23 8/43	2.12 10/43	2.35w 7/50	3.02 10/43	3.70 10/43	5.80y 9-10/43
Jun.	Amt. Date	2.47w 9/45	4.34w 9/45	4.67 9/45	5.13 9/45	6.15 9-10/45	8.58 9-10/45
Jul.	Amt. Date	1.43 22/50	2.08 22/50	2.62 22/50	3.30 22/50	4.16 21-22/50	4.34 21-22/50
Aug.	Amt. Date	1.45 26/44	1.58 26/44	2.20 26/48	2.45 26/48	2.70 26/48	2.70 26/48
Sep.	Amt. Date	1.34 3/40	1.93 12/45	2.38 12/45	2.86 12/45	3.36 12/45	3.42 12/45
Oct.	Amt. Date	1.49w 3/44	1.62 3/44	1.64 3-4/44	1.98 30/42	2.14 30/41	3.23 30-31/41
Nov.	Amt. Date	1.94w 9/46	2.61x 9/46	2.61 9/46	2.90 9/46	4.00 9/46	4.19 9/46
Dec.	Amt. Date	1.22x 26/42	1.65x 26/42	1.87 26/42	2.58 26/42	3.97 9-10/46	4.40 9-10/46
Annual	Amt. Date	2.47w 6/9/45	4.34w 6/9/45	4.67 6/9/45	5.13 6/9/45	6.15 9-10/45	8.58 9-10/45

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

U.S. WEATHER BUREAU

Station: FORT SMITH WB AP

Drainage basin: ARKANSAS

County: SEBASTIAN

Lat. 35° 20' Long. 94° 22'

Elev.(ft.) 458

Period of record: 1900-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.55w 23/49	1.66w 23/49	1.66w 23/49	1.95 24/49	3.20 24/49	5.42y 22-23/49
Feb.	Amt. Date	0.86x 22/09	1.28x 22/09	1.47 14/11	2.13 20-21/45	2.74 20-21/45	3.62 7-8/31
Mar.	Amt. Date	1.35x 27/29	1.81x 27/29	2.03 11-12/45	2.37 11-12/45	2.90 18-19/45	3.68y 18-19/45
Apr.	Amt. Date	2.01x 9/15	2.05x 9/15	2.07 9/15	2.22 20-21/28	2.82 24-25/42	3.69x 20-21/28
May	Amt. Date	2.07 20/16	2.19x 20/16	2.35w 7/50	3.02 10/43	3.70 10/43	5.80y 9-10/43
Jun.	Amt. Date	2.74w 9/45	4.34w 9/45	4.67 9/45	5.13 9/45	6.15 9-10/45	8.58 9-10/45
Jul.	Amt. Date	1.73w 19/21	2.08 22/50	2.62 22/50	3.30 22/50	4.16 21-22/50	4.34 21-22/50
Aug.	Amt. Date	2.06 19/08	2.84 19-20/08	2.94 19-20/08	3.76 4/31	4.35 4/31	4.85x 18-19/15
Sep.	Amt. Date	2.44w 24/37	2.56w 24/37	3.01w 24/37	3.19 24-25/37	3.86 1-2/34	4.36 1-2/34
Oct.	Amt. Date	1.49w 3/44	1.78x 22/31	2.38 22-23/31	2.95 2/05	3.24 22-23/31	3.54 22-23/31
Nov.	Amt. Date	1.94w 9/46	2.61x 9/46	2.61 9/46	2.90 9/46	4.00 9/46	4.19 9/46
Dec.	Amt. Date	1.22x 26/42	1.65x 26/42	2.20 13/27	3.54 13/27	5.11 12-13/27	6.40 12-13/27
Annual	Amt. Date	2.47w 6/9/45	4.34 6/9/45	4.67 6/9/45	5.13 6/9/45	6.15 6/9-10/45	8.58 6/9-10/45

U.S. WEATHER BUREAU

Station: GILBERT

Drainage basin: WHITE

County: SEARCY

Lat. 35° 59' Long. 92° 43'

Elev.(ft.) 1325

Period of record: 1945-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.79 4/50	1.30 24/49	1.75 24/49	2.95 24/49	4.35 23-24/49	5.40 23-24/49
Feb.	Amt. Date	0.73 13/49	1.20 13/49	1.60 13/49	2.66 13/49	3.49 13/49	4.01 13-14/49
Mar.	Amt. Date	1.15 18/45	1.47 18/45	1.90 18/45	2.27 18/45	3.04 18/45	3.40 18-19/45
Apr.	Amt. Date	1.65 14/45	2.98 14/45	3.68 14-15/45	4.18 14-15/45	4.34 14-15/45	5.16 14-15/45
May	Amt. Date	1.47 2/46	1.57 31/46	1.77 31/46	1.80 15/46	2.21 15/46	2.63 15-16/46
Jun.	Amt. Date	1.88 9/45	1.93 9/45	2.02 9/45	2.76 9/45	3.95 9-10/45	4.60 9-10/45
Jul.	Amt. Date	1.18 11/48	1.18 11/48	1.18 11/48	1.51 18/50	1.64 18/50	2.50 17-18/50
Aug.	Amt. Date	1.15 26/47	1.89 22/45	2.18 22/45	2.39 22/45	2.54 22/45	2.77 21-22/45
Sep.	Amt. Date	0.66 1/46	1.00 20/47	1.30 1/46	2.25 6/49	2.42 6/49	2.79 12-13/45
Oct.	Amt. Date	0.48 16/48	0.81 16/48	1.20 11/49	1.20 11/49	1.49 5/49	2.09 4-5/49
Nov.	Amt. Date	1.00 9/46	1.62 9/46	1.66 9/46	1.67 9/46	1.83 9/46	2.05 9/46
Dec.	Amt. Date	0.67 31/47	1.20 31/47	1.47 31/47	2.02 9-10/46	3.50 31/47	3.75 31-1/47
Annual	Amt. Date	1.88 6/9/45	2.98 4/14/45	3.68 4/14-15/45	4.18 4/14-15/45	4.35 1/23-24/49	5.40 1/23-24/49

U.S. WEATHER BUREAU

Station HARDY

Drainage basin: WHITE

County: SHARP

Lat. 36° 19' Long. 91° 29'

Elev.(ft.) 362

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.03 29/47	1.10 3/50	1.65 3/50	2.41 3/50	4.10 23-24/49	5.05 23-24/49
Feb.	Amt. Date	0.45 13/49	0.90 13/49	1.30 13/49	2.05 13-14/49	2.88E 11-12/50	3.52 11-12/50
Mar.	Amt. Date	0.85 26/50	1.14 26/50	1.20 30/45	1.86 30/45	2.91 30/45	3.50 25-26/49
Apr.	Amt. Date	0.80 11/48	1.35 10/44	1.75 8/42	2.86 8/42	3.47 8/42	3.65 8-9/42
May	Amt. Date	0.82 9/43	1.09 9/45	1.45 10/43	2.37 10/43	3.19 10/43	3.53E 9-10/43
Jun.	Amt. Date	1.75 18/48	2.58 18/48	2.68 18/48	2.73 18/48	3.37 18/48	3.67 17-18/48
Jul.	Amt. Date	1.06 20/40	1.34 20/40	1.36 20/40	1.45 8/49	2.09 6-7/49	2.64 6-7/49
Aug.	Amt. Date	1.60a 6/42	2.44 8/50	3.05 8/50	3.18 8/50	3.18 8/50	3.18 8/50
Sep.	Amt. Date	2.25 5/42	3.00 5/42	3.40 5/42	3.65 5-6/42	4.08 5-6/42	4.28 5-6/42
Oct.	Amt. Date	0.98 29/42	1.12 29/42	1.38 15/41	1.42b 29/42	2.28 14-15/41	3.00 14-15/41
Nov.	Amt. Date	1.00 10/40	1.35 10/40	1.70 10/40	1.82 10-11/40	1.85 10-11/40	1.96E 10-11/40
Dec.	Amt. Date	1.40 27/42	2.00 27/42	2.52 26-27/42	3.22 26-27/42	3.52 26-27/42	3.56 26-27/42
Annual	Amt. Date	2.25 9/5/42	3.00 9/5/42	3.40 9/5/42	3.65 9/5-6/42	4.10 1/23-24/49	5.05 1/23-24/49

a Also 19/49

b Also 5/49

U. S. WEATHER BUREAU

Station: HARRISBURG

Drainage basin: SAINT FRANCIS

County: POINSETT

Lat. 35° 34' Long. 90° 44'

Elev.(ft.) 280

Period of record:1941-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.46 1/42	0.70 8/46	0.95 8/46	1.72 8/46	2.87 8/46	3.80 7-8/46
Feb.	Amt. Date	0.85 15/44	1.50 15/44	1.93 15/44	2.48 14-15/44	3.09 14-15/44	3.09 14-15/44
Mar.	Amt. Date	0.60a 26/44	0.80 25/45	1.00b 18/44	1.80 25/45	2.33 25/45	2.59 21-22/48
Apr.	Amt. Date	1.20 8/44	2.25 8/44	2.60 8/44	3.44 8/44	3.59 8/44	5.57 8-9/44
May	Amt. Date	0.78 3/42	1.44 3/42	1.44 3/42	1.44 3/42	1.44 3/42	1.44 3/42
Jun.	Amt. Date	1.59 9/45	1.78 9/45	1.78 9/45	1.79 9/45	1.79 9/45	2.40 9-10/45
Jul.	Amt. Date	0.70c 27/44	0.72 27/44	0.72 27/44	0.72 27/44	0.80 15-16/47	1.13 15-16/47
Aug.	Amt. Date	1.06 10/46	1.19 16/42	1.25 16/42	1.69 3/46	1.70 3/46	2.03 15-16/42
Sep.	Amt. Date	0.77 4/44	1.00 28/44	1.43 5.43	2.36 28/44	2.50 28/44	2.50 28/44
Oct.	Amt. Date	1.10 7/44	1.58 7/44	1.65 7/44	1.94 13/43	2.24 12-13/43	2.25 12-13/43
Nov.	Amt. Date	0.95 21/42	1.02 21/42	1.25 14/44	1.68 14/44	1.80 21-22/42	1.90 21-22/42
Dec.	Amt. Date	0.95 25/44	1.37 25/44	1.65 25/44	2.11 25/44	2.57 24-25/44	3.15 6-7/44
Annual	Amt. Date	1.59 6/9/45	2.25 4/8/44	2.60 4/8/44	3.44 4/8/44	3.59 4/8/44	5.57 4/8-9/44

a Also 25/45

b Also 25/45

c Also 16/47

U.S. WEATHER BUREAU

Station: HEBER SPRINGS 3 SW

Drainage basin: WHITE

County: CLEBURNE

Lat. 35° 28' Long. 92° 03'

Elev.(ft.) 525

Period of record:1942-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.85 9/50	1.08 9/50	1.20 9/50	1.74 8/46	2.80 8/46	3.33 8/46
Feb.	Amt. Date	0.75 21/45	1.00a 28/44	1.30 17/44	1.55 17/44	2.15 5/46	3.13 20-21/45
Mar.	Amt. Date	0.92 25/49	1.32 29/45	1.47 29/45	1.87 29/45	1.95 25-26/49	2.94 25-26/49
Apr.	Amt. Date	2.00 8/44	2.75 8/44	3.35 8/44	4.97 8/44	5.20 8/44	6.13 8-9/44
May	Amt. Date	1.30 29/44	1.34 29/44	1.43 10/43	2.62 10/43	3.02 10/43	4.60E 23-24/46
Jun.	Amt. Date	2.30 10/50	2.87 10/50	3.12 9/45	3.68 9/45	4.89 9-10/45	5.20 9-10/45
Jul.	Amt. Date	1.20 20/46	1.80 20/46	1.85 20/46	1.85 20/46	1.85 20/46	1.85 20/46
Aug.	Amt. Date	1.55 10/43	1.55 10/43	1.60 15/48	1.65 15/48	2.24 23-24/50	2.28 23-24/50
Sep.	Amt. Date	1.02 6/49	1.40 6/49	1.50 6/49	1.92 12/45	3.16 12/45	4.03 12-13/45
Oct.	Amt. Date	1.95 7/44	2.26 7/44	2.46 7/44	3.07 26/47	3.46 26/47	3.74 25-26/47
Nov.	Amt. Date	0.92 18/48	1.22 8/50	1.46 18/45	2.00 18/45	2.05 18/45	2.21E 8/44
Dec.	Amt. Date	1.00 27/46	1.15 27/46	1.57 10-11/49	2.46 10-11/49	2.66 10-11/49	3.62 10-11/49
Annual	Amt. Date	2.30 6/10/50	2.87 6/10/50	3.35 4/8/44	4.97 4/8/44	5.20 4/8/44	6.13 4/8-9/44

a Also 21/45 and 5/46

U. S. WEATHER BUREAU

Station: HOPE

Drainage basin: RED

County: HEMPSTEAD

Lat: 33° 43' Long. 93° 33'

Elev.(ft.) 375

Period of record: 1943-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.14 13/50	1.49 13/50	2.02 13/50	2.30 13/50	2.36 13/50	3.87 15-16/49
Feb.	Amt. Date	0.61 1/50	1.04 1/50	1.34 1/50	1.84 23-24/49	2.49 1-2/50	3.60 1-2/50
Mar.	Amt. Date	1.42 5/46	2.35 5/46	2.96 5/46	3.81 5-6/46	4.24 5-6/46	4.25 5-6/46
Apr.	Amt. Date	0.84 8/44	1.21 8/44	1.21 8/44	1.88 8-9/44	2.71 30-1/44	3.70 16-17/43
May	Amt. Date	2.16 6/50	2.81 6/50	3.46 6/50	4.09 6/50	5.15 6/50	5.15 6/50
Jun.	Amt. Date	1.39 12/45	2.72 12/45	3.42 12/45	5.17 11-12/45	6.43 11-12/45	8.74 11-12/45
Jul.	Amt. Date	1.90E 12/46	3.78 12/46	3.78 12/46	3.78 12/46	3.78 12/46	3.78 12/46
Aug.	Amt. Date	1.20 23/50	1.90 23/50	1.90 23/50	1.98 7/45	1.98 7/45	2.15 6-7/45
Sep.	Amt. Date	0.86 12/45	1.05 26/45	1.14 29/43	1.46 29/43	1.55 29/45	1.58 25-26/45
Oct.	Amt. Date	0.84 24/49	1.45 24/49	2.00 24/49	2.59 24/49	2.98 4-5/49	3.71 4-5/49
Nov.	Amt. Date	1.40 8/44	2.09 8/44	2.78 8/44	4.05 8/44	4.10 8/44	4.64 7-8/44
Dec.	Amt. Date	1.06 15/48	1.15 15/48	1.21 15/48	1.45 5/44	2.30 5/44	3.33 5-6/44
Annual	Amt. Date	2.16 5/6/50	3.78 7/12/46	3.78 7/12/46	5.17 6/11-12/45	6.43 6/11-12/45	8.74 6/11-12/45

U.S. WEATHER BUREAU

Station: HUNTSVILLE

Drainage basin: WHITE

County: MADISON

Lat. 36° 05' Long. 93° 44'

Elev.(ft.) 1453

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.57 27/44	0.79 24/49	0.99 24/49	1.50 24/49	1.90 24/49	2.72 24-25/49
Feb.	Amt. Date	0.94 16/45	1.16 16/45	1.65 20-21/45	2.55 20-21/45	2.85 20-21/45	3.17 20-21/45
Mar.	Amt. Date	0.80 18/45	1.25 30/45	1.65 30/45	2.75 30/45	3.43 29-30/45	3.48 29-30/45
Apr.	Amt. Date	1.69 17/41	2.02 13/45	2.31 13/45	3.90 13-14/45	4.57 13-14/45	5.77 13-14/45
May	Amt. Date	1.37 24/46	1.98 10/43	2.38 10/43	2.96 10/43	4.68 10/43	5.64 9-10/43
Jun.	Amt. Date	2.68 10/41	3.29 10/41	3.58 28/40	4.24 28/40	4.26 28/40	4.26 28/40
Jul.	Amt. Date	3.61 20/40	4.76 20/40	4.77 20/40	4.79 20/40	5.25 20/40	5.95 17-18/50
Aug.	Amt. Date	1.35 28/48	1.50 28/48	1.55 28/48	1.75 10/46	2.39 28/50	2.46 27-28/50
Sep.	Amt. Date	1.68 12/45	1.90 12/45	2.04 12/45	3.46 24/45	4.18 24-25/45	5.15 24-25/45
Oct.	Amt. Date	1.25 30/42	1.53 21/45	1.73 21/45	2.15 29-30/42	3.19 29-30/42	3.71 29-30/42
Nov.	Amt. Date	1.02 2/46	1.38 2/46	1.54 2/46	2.05 1/46	2.81 2/46	4.10 2-3/46
Dec.	Amt. Date	0.93 26/42	1.71 26/42	2.00 26/42	2.61 26/42	2.97 26/42	3.22 26/42
Annual	Amt. Date	3.61 7/20/40	4.76 7/20/40	4.77 7/20/40	4.79 7/20/40	5.25 7/20/40	5.95 7/17-18/50

U. S. WEATHER BUREAU

Station: HUTTIG DAM

Drainage basin: OUACHITA

County: UNION

Lat. 33° 02' Long. 92° 05'

Elev.(ft.) 60

Period of record: 1943-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.67 27/49	1.15 27/49	1.42 27/49	1.90 18/45	3.23 4-5/50	3.57 4-5/50
Feb.	Amt. Date	1.45 20/44	1.75 21/44	1.90 21/44	2.52 21/44	3.15 21/44	4.61 20-21/44
Mar.	Amt. Date	1.07 19/50	1.51 28/44	1.51 28/44	2.29 28/44	3.12 28/44	4.68 28/44
Apr.	Amt. Date	1.15 13/48	1.30 13/48	1.50 13/48	2.45E 1/45	3.91 1/45	4.33 1/45
May	Amt. Date	1.65 4/44	2.25 4/44	2.30 1/50	2.45 1/50	2.67 4/44	3.00 1-2/50
Jun.	Amt. Date	1.55 21/47	2.17 21/47	2.67 21/47	2.95 21/47	3.10 21/47	3.45 20-21/47
Jul.	Amt. Date	1.75 5/45	2.35 5/45	2.56 5/45	2.75 5/45	2.81 5/45	2.81 5/45
Aug.	Amt. Date	1.52 15/48	2.25 15/48	2.64 5/50	3.31 5/50	3.83a 15-16/48	4.35 30-31/50
Sep.	Amt. Date	1.50 15/49	2.20 12/45	2.35 12-13/45	2.42 12-13/45	2.42 12-13/45	2.51 15-16/49
Oct.	Amt. Date	1.02E 26/47	2.04E 26/47	3.05 26/47	3.05 26/47	3.86 4-5/49	4.65 4-5/49
Nov.	Amt. Date	1.86 10/46	2.47 10/46	2.58 10/46	3.06 10/46	3.64 10/46	4.23 10/46
Dec.	Amt. Date	1.42 31/47	1.52 31/47	1.59 31/47	1.64 31/47	2.03E 30/44	4.06 30-31/44
Annual	Amt. Date	1.86 11/10/46	2.47 11/10/46	3.05 10/26/47	3.31 8/5/50	3.91 4/1/45	4.68 3/28/44

a Also 31/50

U.S. WEATHER BUREAU

Station: KINGSLAND

Drainage basin: OUACHITA

County: CLEVELAND

Lat. 33° 50' Long. 92° 16'

Elev.(ft.) 214

Period of record: 1943-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.51 8/46	0.88 8/46	1.18 8/46	2.09 8/46	2.14 8/46	2.66 7-8/46
Feb.	Amt. Date	1.07 5/46	1.32 12/50	1.95 12/50	2.15 12/50	2.23 8/44	2.30 5/46
Mar.	Amt. Date	2.10 24/49	2.20 24/49	2.25 24/49	2.80 27/46	4.30 27/46	4.37 27-28/46
Apr.	Amt. Date	1.80 13/48	1.80 13/48	1.88 10/47	3.22 10/47	4.07 1/45	4.26 1-2/45
May	Amt. Date	1.68 5/48	1.98 5/48	2.09 5/48	2.10 5-6/48	2.10 5-6/48	2.33 11-12/46
Jun.	Amt. Date	1.93 24/45	2.05 24/45	2.20 24/45	2.62 24/45	3.00 24/45	3.00 24/45
Jul.	Amt. Date	1.49 12/46	2.39 30/50	2.45 30/50	2.53 30/50	2.75 3/45	2.75 3/45
Aug.	Amt. Date	1.15 3/46	2.01 3/46	2.07 8/48	2.15 3-4/46	2.40 3-4/46	4.53 8-9/48
Sep.	Amt. Date	1.21 16/49	2.04 16/49	2.21 16/49	3.00 16/49	3.01 16/49	3.01 16/49
Oct.	Amt. Date	1.35 24/46	1.42 4/49	1.98 4/49	3.19 3-4/49	4.18 3-4/49	5.24 3-4/49
Nov.	Amt. Date	1.55 3/46	1.71 3/46	1.81 3/46	2.06 8/44	2.36 8/44	2.49 9-10/46
Dec.	Amt. Date	2.25 6/44	2.45 6/44	2.55 6/44	2.64 6-7/44	2.75 6-7/44	2.75 6-7/44
Annual	Amt. Date	2.25 12/6/44	2.45 12/6/44	2.55 12/6/44	3.22 4/10/47	4.30 3/27/46	5.24 10/3-4/49

U.S. WEATHER BUREAU

Station: LITTLE ROCK WB AP*

Drainage basin: ARKANSAS

County: PULASKI

Lat. 34° 44' Long. 92° 14'

Elev.(ft.) 257

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.43W 24/49	1.79W 24/49	1.88W 24/49	2.31 24/49	2.97 24/49	3.20 24-25/49
Feb.	Amt. Date	1.27 14/49	1.32 14/49	1.43 26/48	1.92 12/50	2.86 11-12/50	5.15 11-12/50
Mar.	Amt. Date	1.69W 26/49	1.87 26/49	2.18 18/44	3.04 18/44	3.21 18/44	3.40 18-19/44
Apr.	Amt. Date	1.46 10/47	1.96 10/47	2.06 10/47	2.64 8/42	4.28 7-8/42	4.94 7-8/42
May	Amt. Date	1.63 23/46	2.82 23/46	3.09 23/46	3.91 23/46	5.11 23/46	5.11 23/46
Jun.	Amt. Date	2.65W 25/46	2.74W 25/46	2.96W 25/46	3.11 25-26/46	3.11 25-26/46	3.15 25-26/46
Jul.	Amt. Date	1.68 26/45	1.80 26/45	1.80 26/45	2.15 28/44	2.15 28/44	2.44 27-28/44
Aug.	Amt. Date	1.15 9/49	1.57 19/49	1.57 19/49	2.40 19/49	2.57 23-24/50	2.96 18-19/49
Sep.	Amt. Date	1.57 25/45	1.57 25/45	1.60 25/45	1.89 25/45	2.89 12-13/45	3.71 12-13/45
Oct.	Amt. Date	1.22 13/43	1.75 26/47	2.18 12-13/43	3.07 12-13/43	3.30 12-13/43	4.07 4-5/49
Nov.	Amt. Date	2.00 15/50	2.13 15/50	2.15 15-16/50	2.19 4-5/48	2.97 8/44	3.47 7-8/44
Dec.	Amt. Date	1.04 31/47	1.30 31/47	1.48 31/47	1.68 31/47	2.03 31-1/47	2.12 31-1/47
Annual	Amt. Date	2.65W 6/25/46	2.82 5/23/46	3.09 5/23/46	3.91 5/23/46	4.28 4/7-8/42	4.94 4/7-8/42

*Given for Comparative Purposes. See next page for complete record.

U.S. WEATHER BUREAU

Station: LITTLE ROCK WB AP

Drainage basin: ARKANSAS

County: PULASKI

Lat. 34° 44' Long. 92° 14'

Elev.(ft.) 257

Period of record: 1897-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.43W 24/49	2.34 2/97	3.34 2/97	4.34 2-3/97	4.69 2-3/97	5.76 2-3/07
Feb.	Amt. Date	1.32 7/21	2.02 7/21	2.59 7/21	3.72 7/21	4.14 7/21	5.15 11-12/50
Mar.	Amt. Date	1.69W 26/49	1.87 26/49	2.18 18/44	3.04 18/44	3.21 18/44	3.40 18-19/44
Apr.	Amt. Date	1.95x 30/31	3.23x 9/13	4.43w 9/13	5.14 9/13	8.19 9/13	9.58 8-9/13
May	Amt. Date	2.28x 10/30	3.14x 5/07	3.34 14/23	3.91 23/46	5.11 23/46	5.11 23/46
Jun.	Amt. Date	2.65w 25/46	2.74w 25/46	2.96w 25/46	3.11 25-26/46	3.11 25-26/46	3.15 25-26/46
Jul.	Amt. Date	2.38x 21/36	2.48 11/03	2.50 21/36	3.52 21/36	4.01 31/02	6.22x 30-31/02
Aug.	Amt. Date	2.41x 9-10/15	2.70x 9-10/15	2.70 9-10/15	2.71 9-10/15	2.72 9-10/15	3.82 9-10/15
Sep.	Amt. Date	2.29x 1/33	3.21x 1/33	3.35 1/33	3.36 1/33	3.47 13-14/01	4.68 13-14/01
Oct.	Amt. Date	2.28x 30/29	2.59x 30/29	2.63 8-9/19	3.13 10-11/19	5.07 10-11/19	6.32 10-11/19
Nov.	Amt. Date	2.29w 28/05	3.02x 15/27	3.10 15/27	3.44 15/27	4.45 19-20/07	5.91 19-20/07
Dec.	Amt. Date	1.27x 12/31	1.85x 12/31	2.11 12/31	3.32 12-13/31	4.10 20-21/26	5.91x 20-21/26
Annual	Amt. Date	2.65w 6/25/46	3.23x 4/9/13	4.43w 4/9/13	5.14 4/9/13	8.19 4/9/13	9.58 4/8-9/13

U.S. WEATHER BUREAU

Station: MAGNOLIA

Drainage basin: RED

County: COLUMBIA

Lat. 33° 17' Long. 93° 14'

Elev.(ft.) 315

Period of record: 1942-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.90 5/46	1.30 4-5/46	1.75 4-5/46	2.50 4-5/46	2.60 4-5/46	2.60 4-5/46
Feb.	Amt. Date	1.00 22/44	1.17 12/50	1.65 8/44	2.50 12/50	2.77 12/50	3.10 11-12/50
Mar.	Amt. Date	0.76 11/50	1.04 11/50	1.18 11/50	1.59a 12/47	2.20 21-22/48	2.42 21-22/48
Apr.	Amt. Date	1.14 19/44	1.41 19/44	1.93 19/44	2.52 22/45	3.10 22/45	3.10 22/45
May	Amt. Date	1.90 18/46	2.00 18-19/46	2.00 18-19/46	2.00 18-19/46	2.45 18-19/46	2.69 18-19/46
Jun.	Amt. Date	1.66 1/45	1.72 1-2/45	1.72 1-2/45	1.76 1-2/45	2.40 1-2/45	2.40 1-2/45
Jul.	Amt. Date	0.90 6,12/43	1.40 6/43	2.02 21/46	2.03 21/46	2.03 21/46	2.20 25/45
Aug.	Amt. Date	1.65 15/47	1.70 15/47	1.70 15/47	1.75 15/47	2.10 16-17/50	2.20 16-17/50
Sep.	Amt. Date	1.70 14/50	1.90 14/50	2.10 14/50	2.25 14/50	2.25 14/50	2.25 14/50
Oct.	Amt. Date	1.47 13/43	2.52 12-13/43	2.75 12-13/43	3.01 12-13/43	3.22 12-13/43	3.22 12-13/43
Nov.	Amt. Date	1.44 9/46	1.97 9/46	2.28 9/46	2.42 9-10/46	3.18E 15-16/48	3.75 15-16/48
Dec.	Amt. Date	0.63 18/44	1.10 24/44	1.25 24/44	1.91 31/47	2.30 5/44	3.01 5-6/44
Annual	Amt. Date	1.90 5/18/46	2.52 10/12-13/43	2.75 10/12-13/43	3.01 10/12-13/43	3.22 10/12-13/43	3.75 11/15-16/48

a Also 21-22/48

b Also 29/47

U. S. WEATHER BUREAU

Station: MARIANNA

Drainage basin: SAINT FRANCIS

County: LEE

Lat. 34° 44' Long. 90° 49'

Elev.(ft.) 234

Period of record: 1944-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.14 10/50	1.20 10/50	1.80 10/50	2.23 10/50	2.35 10/50	3.59 6-7/46
Feb.	Amt. Date	1.13 26/48	1.30 26/48	1.45 26/48	1.87 11-12/48	2.34 11-12/48	3.63 11-12/48
Mar.	Amt. Date	1.05 30/48	1.37 30/48	1.55 19/50	1.74 27/50	2.06 1/48	2.50a 30-31/45
Apr.	Amt. Date	1.00 1/45	1.80 1/45	2.50 1/45	3.15 1/45	3.75 1/45	3.90 1-2/45
May	Amt. Date	2.30 20/46	4.48 20/46	5.63 20/46	5.78 20/46	6.03 20/46	6.03 20/46
Jun.	Amt. Date	1.35 14/49	1.62 14/49	1.70 14/49	1.99 14/49	2.02 14/49	3.37 13-14/49
Jul.	Amt. Date	2.35 7/46	2.65 7/46	2.65 7/46	2.65 7/46	2.65 7/46	2.65 7/46
Aug.	Amt. Date	1.40 15/50	1.49 28/50	1.50 15/48	1.93 15/48	2.00 15/48	2.00 15/48
Sep.	Amt. Date	0.80 26/45	1.20 26/45	1.60 26/45	2.20 26/45	2.30 26/45	2.60 30/45
Oct.	Amt. Date	1.15 21/49	1.61 27/47	1.88 27/47	2.40 5/49	3.89 5/49	4.78 4-5/49
Nov.	Amt. Date	1.23 25/46	1.52 2/45	1.80 9-10/45	2.68 9-10/45	3.53 9-10/45	3.88 9-10/45
Dec.	Amt. Date	0.77 11/49	1.21 11/49	1.40 10-11/49	1.71 10-11/49	1.84 10-11/49	3.22 10-11/49
Annual	Amt. Date	2.35 7/7/46	4.48 5/20/46	5.63 5/20/46	5.78 5/20/46	6.03 5/20/46	6.03 5/20/46

a Also 8-9/49

U. S. WEATHER BUREAU

Station: MAUMEE

Drainage basin: WHITE

County: SEARCY

Lat. 36° 03' Long. 92° 39'

Elev.(ft.) 749

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.88 4/50	1.45 24/49	1.84 24/49	3.21 24/49	4.72 24/49	5.58 23-24/49
Feb.	Amt. Date	0.92 5/46	1.25 14/49	1.60 14/49	2.45 14/49	3.30 14/49	3.88 14-15/49
Mar.	Amt. Date	1.08 18/45	1.45 18/45	1.72 18/45	2.38 18/45	3.33 18/45	3.70 18-19/45
Apr.	Amt. Date	1.72 14/45	2.22 14/45	2.74 14-15/45	3.35 14-15/45	3.35 14-15/45	4.96 14-15/45
May	Amt. Date	1.65 23/46	1.88 23/46	1.96 23/46	2.45 10/43	3.23 10/43	5.21 9-10/43
Jun.	Amt. Date	1.62 9/40	1.95 9/40	1.99 9/40	2.03 17-18/48	3.11 9-10/45	3.79 9-10/45
Jul.	Amt. Date	1.42 21/45	2.35 21/45	2.45 21/45	2.46 21/45	2.46 21/45	2.46 21/45
Aug.	Amt. Date	1.19 17/50	1.51 17/50	1.57 17/50	1.62 17/50	1.98 15/42	3.01 14-15/42
Sep.	Amt. Date	0.90 8/42	1.39 24/41	1.91 24/41	2.78 24/41	3.29 24/41	3.20 24/41
Oct.	Amt. Date	1.61 12/43	1.76 12/43	1.86 12/43	2.04 15/41	2.99 29-30/42	3.46 29-30/42
Nov.	Amt. Date	0.64 1/48	1.08 10/40	1.30 10/40	1.32 10-11/40	1.72E 9/46	2.57 9/46
Dec.	Amt. Date	1.05 26/42	1.35 26/42	1.60 26/42	2.85 26-27/42	3.60 31/47	3.85 31-1/47
Annual	Amt. Date	1.72 4/14/45	2.35 7/21/45	2.74 4/14-15/45	3.35 4/14-15/45	4.72 1/24/49	5.58 1/23-24/49

U. S. WEATHER BUREAU

Station: MENA

Drainage basin: OUACHITA

County: POLK

Lat. 34° 35' Long. 94° 15'

Elev.(ft.) 1207

Period of record: 1943-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.83 24/49	2.68 24/49	3.03 24/49	3.84 23/49	6.12 23-24/49	8.29 23-24/49
Feb.	Amt. Date	1.04 13/46	1.79 13/46	2.14 13/46	2.59 13/46	3.70 11-12/50	4.92 11-12/50
Mar.	Amt. Date	1.55 24/45	1.89 24/45	1.99 24/45	2.85 18/45	4.27 28-29/45	4.53 28-29/45
Apr.	Amt. Date	1.70 30/49	2.99 30/49	3.26 30-1/49	3.70 30-1/49	3.91 30-1/49	3.93 30-1/49
May	Amt. Date	2.33 12/47	2.82 12/47	3.26 30-1/49	3.70 30-1/49	5.03 12-13/47	5.57 12-13/47
Jun.	Amt. Date	1.89 9/49	2.25 19/44	2.55 19/44	2.55 19/44	2.69 10-11/45	3.34 10-11/45
Jul.	Amt. Date	1.80 5/48	2.12 30/50	2.13 30/50	2.15 30/50	2.20 30/50	3.09 29-30/50
Aug.	Amt. Date	1.85 31/44	2.82 31/44	3.21 31/44	4.20 27-28/47	4.72 27-28/47	5.17 27-28/47
Sep.	Amt. Date	1.60 12/47	2.30 12/47	2.45 12/47	2.85 25/45	4.40 25/45	4.75 25-26/45
Oct.	Amt. Date	1.10 30/43	1.53 30/43	1.75 30/48	1.75 30/48	1.93 12-13/43	3.45 30-31/48
Nov.	Amt. Date	0.63 7/44	0.91 1/43	1.35 7/44	1.58 7-8/44	2.24 25/46	2.67 25/46
Dec.	Amt. Date	1.53 31/47	3.03 31/47	3.18 31/47	3.81 31/47	6.41 31/47	6.91 31-1/47
Annual	Amt. Date	2.33 5/12/47	3.03 12/31/47	3.26 4/30-1/49	4.20 8/27-28/47	6.41 12/31/47	8.29 1/23-24/49

Station: MONTICELLO

Drainage basin: OUACHITA

County: DREW

Lat. 33° 35' Long. 91° 48'

Elev.(ft.) 285

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.56 10/50	0.67 5/46	0.90 5/46	1.35a 8/46	2.31 4-5/50	2.45 4-5/50
Feb.	Amt. Date	0.80 25/44	1.00 8/40	1.33 8/40	1.68 8/44	2.08 8/46	2.70 11-12/48
Mar.	Amt. Date	1.93 28/44	2.68 28/44	2.90 28/44	3.42 28/44	4.89 28/44	5.86 28/44
Apr.	Amt. Date	1.58 26/42	1.89 8/42	2.39 8/42	2.93 8/42	3.90 8/42	4.71 8-9/42
May	Amt. Date	1.35 25/46	1.67 25/46	2.07 22/44	2.65 22/44	3.06 22/44	3.12 21-22/44
Jun.	Amt. Date	2.05 14/45	2.70 14/45	2.75 14/45	2.93 23/47	2.95 23/47	3.28 23/47
Jul.	Amt. Date	2.68 21/50	2.78 21/50	2.86 21/50	2.96 21/50	2.96 21/50	3.53 21-22/50
Aug.	Amt. Date	1.35 8/48	1.60 8/48	1.81 8/48	2.28 30-31/50	3.46 30-31/50	5.28 30-31/50
Sep.	Amt. Date	1.08 12/45	1.86 2/43	1.99 2/43	2.01 2/43	2.11 2/43	2.22 20-21/47
Oct.	Amt. Date	1.25 26/41	2.25 26/41	2.45 26/41	2.92 24-25/46	3.04 24-25/46	3.07 24-25/46
Nov.	Amt. Date	1.20 16/50	1.37 10/46	1.55 16/50	2.30 10/46	2.70 10/46	3.30 10/46
Dec.	Amt. Date	0.92 11/49	1.45 11/49	1.79 11-12/49	2.25 31/44	3.20 30-31/44	4.03 30-31/44
Annual	Amt. Date	2.68 7/21/50	2.78 7/21/50	2.90 3/28/44	3.42 3/28/44	4.89 3/28/44	5.86 3/28/44

a Also 5/50

U.S. WEATHER BUREAU

Station: MONTROSE

Drainage basin: OUACHITA

County: ASHLEY

Lat. 33° 18' Long. 91° 29'

Elev.(ft.) 125

Period of record: 1943-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.06 21/45	1.19 21/45	1.39 5/50	2.10 4-5/50	3.27 4-5/50	3.61 4-5/50
Feb.	Amt. Date	1.18 16/45	1.24 22/44	1.36 23/44	1.72 26/44	2.55 12/50	3.41 12-13/50
Mar.	Amt. Date	2.28 24/50	2.28 24/50	2.47 26-27/44	2.86 26-27/44	3.02 26-27/44	3.67 24-25/49
Apr.	Amt. Date	1.60 26/49	1.90 26/49	2.45 19-20/44	3.28 19-20/44	3.58 19-20/44	3.58 19-20/44
May	Amt. Date	0.90 7/45	1.06 7/45	1.33 31/46	2.22 31/46	2.64 31/46	2.66 31/46
Jun.	Amt. Date	0.55 26/49	0.70 26/49	0.82 11/45	1.00 11/45	1.26 11/45	1.62 11/45
Jul.	Amt. Date	1.40 29/50	2.21 29/50	2.70 15/50	3.49 15/50	4.52 12/50	5.19 14-15/50
Aug.	Amt. Date	1.70 13/44	2.00 16/49	2.00 16/49	2.11 30/50	3.30 30/50	4.50 30-31/50
Sep.	Amt. Date	1.50 16/49	2.60 16/49	2.71 16/49	3.00 12-13/45	3.30 12-13/45	3.44 12-13/45
Oct.	Amt. Date	0.55 21/45	0.90 21/45	1.02 21/45	1.22 21-22/45	1.56 21-22/45	1.56 21-22/45
Nov.	Amt. Date	0.60 26/45	0.65 18/44	0.95 18/44	1.35 18/44	1.60 18-19/44	1.78 18-19/44
Dec.	Amt. Date	1.20 31/44	1.83 31/44	2.10 31/44	3.30 31/44	4.23 31/44	6.36 30-31/44
Annual	Amt. Date	2.28 3/24/50	2.60 9/16/49	2.71 9/16/49	3.49 7/15/50	4.52 7/12/50	6.36 12/30-31/44

U.S. WEATHER BUREAU

Station: MOROBAY LOCK AND DAM

Drainage basin: OUACHITA

County: CALHOUN

Lat. 33° 19' Long. 92° 27'

Elev.(ft.) 85

Period of record: 1943-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.75 10/50	1.02 5/46	1.37 5/46	1.62 4-5/46	2.29 18/45	2.41 18/45
Feb.	Amt. Date	1.20 8/44	1.55 8/44	1.76 8/44	2.01 8/44	2.15 8/44	3.22 11-12/48
Mar.	Amt. Date	1.20 24/49	1.85 24/49	1.97 24/49	2.07 24/49	3.48 28/44	5.00 27-28/44
Apr.	Amt. Date	1.50 23/46	1.97 19/44	2.34 19/44	2.75 1/45	4.63 1/45	5.15 1/45
May	Amt. Date	1.57 25/48	1.75 25/48	2.12 1/49	2.32 1/49	2.35 1/49	2.35 1/49
Jun.	Amt. Date	1.56 21/50	1.89 2/45	1.90 2/45	1.90 2/45	2.00 2/45	2.00 2/45
Jul.	Amt. Date	1.69 14/50	2.27 14/50	2.41 14/50	2.46 14/50	2.50 14-15/50	3.94 14-15/50
Aug.	Amt. Date	1.15 2/44	1.58 18/50	1.88 5/50	2.15 5/50	2.44 5/50	3.82 30-31/44
Sep.	Amt. Date	1.15 30/45	1.19 30/45	1.20 30/45	1.45 12/45	1.65 30/45	2.61 30/45
Oct.	Amt. Date	1.45 26/47	1.85 24/46	2.13 5/49	3.78 4-5/49	5.98 4-5/49	6.94 4-5/49
Nov.	Amt. Date	0.81 10/46	0.93 10/46	1.00 9-10/46	1.25 9-10/46	1.53 15-16/48	2.86 9-10/46
Dec.	Amt. Date	0.98 11/49	1.08 31/47	1.27 31/44	1.91 31/44	3.06 30-31/44	3.74 30-1/44
Annual	Amt. Date	1.69 7/14/50	2.27 7/14/50	2.41 7/14/50	3.78 10/4-5/49	5.98 10/4-5/49	6.94 10/4-5/49

U. S. WEATHER BUREAU

Station: MOUNTAIN HOME 1 NNW

Drainage basin: WHITE

County: BAXTER

Lat. 36° 20' Long. 92° 23'

Elev.(ft.) 800

Period of record: 1940-1950 (BREAK)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.81 4/50	1.39 3-4/50	1.61 3-4/50	2.54 3-4/50	3.43 3-4/50	3.65 <u>31-1/48</u>
Feb.	Amt. Date	0.75 13/49	1.30 13/49	1.59 13/49	2.42 13/49	3.36 13-14/49	3.94 13-14/49
Mar.	Amt. Date	1.06 25/49	1.66 25/49	1.76 25/49	1.79 25/49	2.28 29-30/45	2.99 18-19/45
Apr.	Amt. Date	1.30 14/45	1.55 10/40	1.92 10/40	2.70 10-11/40	3.61 10-11/40	3.93 14/45
May	Amt. Date	1.15 31/46	1.35 31/46	1.57 9-10/43	1.91 10/43	2.96 10/43	4.65 9/10/43
Jun.	Amt. Date	1.32 1/41	1.40 25/46	2.30 25/46	2.40 25/46	2.72 18-19/48	2.83 18-19/48
Jul.	Amt. Date	2.05 7/49	2.65 7/49	2.85 7/49	3.20 7/49	3.59 7/49	5.75 6-7/49
Aug.	Amt. Date	1.38 15/49	2.59 5/43	2.89 5/43	3.26 5/43	3.27 5/43	3.27 5/43
Sep.	Amt. Date	1.26 24/41	1.96 24/41	2.62 24/41	3.76 24/41	4.16 24/41	4.16 24/41
Oct.	Amt. Date	0.89 29/42	1.30 30/42	1.45 30/42	1.84 30/42	2.89 29-30/42	3.29 29-30/42
Nov.	Amt. Date	0.82 9/46	0.93 1/48	1.46 9/46	1.48 9/46	1.70 9/46	2.28 9/46
Dec.	Amt. Date	1.20 26/42	1.62 ^a 26/42	2.37 14/48	2.78 26/42	3.92 26-27/42	4.00 26-27/42
Annual	Amt. Date	2.05 7/7/49	2.65 7/7/49	2.89 8/5/43	3.76 9/24/41	4.16 9/24/41	5.75 7/6-7/49

a Also 14/48

U.S. WEATHER BUREAU

Station: MOUNT IDA

Drainage basin: OUACHITA

County: MONTGOMERY

Lat. 34° 33' Long. 93° 38'

Elev.(ft.) 663

Period of record: 1944-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.55 5/46	1.02 5/46	1.37 5/46	1.82 4-5/46	1.94 4-5/46	3.45 31-1/48
Feb.	Amt. Date	0.58 21/45	1.00 21/45	1.35 21/45	1.50 21/45	2.15 26/45	3.13 26-27/45
Mar.	Amt. Date	1.25 30/45	2.10 30/45	2.70 30/45	3.90 29-30/45	4.83 29-30/45	6.06 29-30/45
Apr.	Amt. Date	0.85 19/44	1.20 19/44	1.55 12/48	2.43 29/46	4.00 29/46	4.32 29-30/46
May	Amt. Date	2.05 24/46	2.56 24/46	2.66 24/46	3.08 24/46	3.54 10-11/48	3.72 10-11/48
Jun.	Amt. Date	0.96 21/47	1.38 11/45	1.95 11/45	2.90 10-11/45	4.20 10-11/45	4.87 10-11/45
Jul.	Amt. Date	2.65 5/45	4.15 5/45	4.19 5/45	4.20 5/45	4.20 5/45	4.20 5/45
Aug.	Amt. Date	1.55 3/46	2.10 3/46	2.30 29/47	2.80 29/47	2.80 29/47	2.80 29/47
Sep.	Amt. Date	0.85 25/45	1.42 25/45	1.90 25/45	3.14 25/45	3.75 25/45	3.84 25-26/45
Oct.	Amt. Date	0.80 22/45	1.22 22/45	1.35 22/45	1.50 22/45	1.80 22-23/45	1.86 25-26/47
Nov.	Amt. Date	0.50 8/44	0.90 8/44	1.20 8/44	1.35 6/47	1.73 14/47	1.96 7-8/44
Dec.	Amt. Date	0.92 31/47	1.07 31/47	1.22 31/47	1.70 5/44	2.80 31/47	4.15 5-6/44
Annual	Amt. Date	2.65 7/5/45	4.15 7/5/45	4.19 7/5/45	4.20 7/5/45	4.83 3/29-30/45	6.06 3/29-30/45

U.S. WEATHER BUREAU

Station: MURFREESBORO

Drainage basin: OUACHITA

County: PIKE

Lat. 34° 04' Long. 93° 41'

Elev.(ft.) 367

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.80 5/46	1.35 5/46	1.73 4-5/46	2.28 4-5/46	2.35 4-5/46	2.35 4-5/46
Feb.	Amt. Date	0.75 27/45	1.20 27/45	1.50 27/45	2.07 27/45	2.27 27/45	3.35 26-27/45
Mar.	Amt. Date	1.65 26/49	2.60 26/49	2.65 26/49	2.65 26/49	2.91 25-26/49	5.19 29/45
Apr.	Amt. Date	1.25 30/44	2.40 30/44	2.65 30/44	3.35 30/44	3.74 <u>30-1/44</u>	5.26 <u>30-1/44</u>
May	Amt. Date	1.00 28/44	1.23 1-2/44	1.53 1-2/44	2.48 30-1/44	3.74 30-1/44	5.26 30-1/44
Jun.	Amt. Date	1.94 27/41	2.10 27/41	2.47 2/41	3.85 1-2/41	5.00 13/42	5.01 13/42
Jul.	Amt. Date	0.90 17/41	1.10 17-18/41	1.10 17-18/41	1.13 17-18/41	1.13 17-18/41	1.13 17-18/41
Aug.	Amt. Date	1.54 3/41	1.65 22/42	1.97 22/42	2.14 22/42	2.14 22/42	2.14 22/42
Sep.	Amt. Date	1.68 4/44	1.80 2,7/42	2.16 7/42	2.35 9/42	2.85 9/42	3.84 8-9/42
Oct.	Amt. Date	0.83 26/41	1.50 26/41	1.50 26/41	2.21 12-13/43	2.38 12-13/43	2.38 12-13/43
Nov.	Amt. Date	1.55 8/44	1.85 8/44	2.05 8/44	2.54 22-23/40	2.83 22-23/40	3.24 22-23/40
Dec.	Amt. Date	1.56 27/42	2.25 27/42	2.70 27/42	3.65 27/42	3.85 27/42	3.90 27/42
Annual	Amt. Date	1.94 6/27/41	2.60 3/26/49	2.70 12/27/42	3.85 6/1-2/41	5.00 6/13/42	5.26 4/30-1/44

U.S. WEATHER BUREAU

Station: NARROWS DAM

Drainage basin: OUACHITA

County: PIKE

Lat. 34° 10' Long. 93° 43'

Elev.(ft.) 460

Period of record: 1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date			NO RECORD			
Feb.	Amt. Date			NO RECORD			
Mar.	Amt. Date			NO RECORD			
Apr.	Amt. Date			NO RECORD			
May	Amt. Date	0.98 29/50	1.20 29/50	1.38 29/50	2.02 2/50	2.39 1-2/50	2.98 1-2/50
Jun.	Amt. Date	1.28 21/50	1.35 21/50	1.42 21/50	1.45 20-21/50	1.45 20-21/50	1.78 2-3/50
Jul.	Amt. Date	0.75 24/50	1.20 24/50	1.42 24/50	1.70 24/50	1.70 24/50	1.70 24/50
Aug.	Amt. Date	0.58 30/50	0.69 30/50	0.70 30/50	0.71 30/50	0.96 30/50	1.15 31-1/50
Sep.	Amt. Date	1.61 12/50	1.86 12-13/50	2.26 12/50	2.80 12-13/50	3.58 15-16/50	4.87 15-16/50
Oct.	Amt. Date	0.35 7/50	0.60 7/50	0.66 7/50	0.70 7/50	0.75 21/50	0.93 21-22/50
Nov.	Amt. Date	0.32 15/50	0.64 15/50	0.95 15/50	1.27 15/50	1.27 15/50	1.30 15/50
Dec.	Amt. Date	0.06 2/50	0.06 2/50	0.07 28/50	0.11 28/50	0.14 28/50	0.14 28/50
Annual	Amt. Date	1.61 9/21/50	1.86 9/12-13/50	2.26 9/12-13/50	2.80 9/12-13/50	3.58 9/15-16/50	4.87 9/15-16/50

U.S. WEATHER BUREAU

Station: NASHVILLE SCS 1 R

Drainage basin: RED

County: HOWARD

Lat. 33° 57' Long. 93° 51'

Elev.(ft.) 350

Period of record: 1944-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.36 13/50	1.54 13/50	1.54 13/50	1.87 13/50	1.89 13/50	3.25 12-13/50
Feb.	Amt. Date	0.75 4/46	1.30 21/45	1.60 27/45	2.10 27/45	2.41 11-12/50	3.94 11-12/50
Mar.	Amt. Date	1.25 12/45	1.80 29-30/45	2.75 29-30/45	3.65 29-30/45	4.75 29-30/45	5.41 29-30/45
Apr.	Amt. Date	0.85a 15/46	1.20 15/46	1.42 15/46	1.68 10/48	1.98 10/48	2.08 15-16/46
May	Amt. Date	2.05 3/48	2.23 3/48	2.30 3/48	2.67 10/48	3.16 10-11/48	3.59 10-11/48
Jun.	Amt. Date	1.03 11/45	1.90 11/45	2.45 11/45	2.82 11-12/45	3.64 11-12/45	5.67 11-12/45
Jul.	Amt. Date	1.64 29/46	1.99 29/46	1.99 29/46	1.99 29/46	1.99 29/46	1.99 29/46
Aug.	Amt. Date	0.82 26/44	1.25 26/44	1.30 26/44	1.73 26/44	1.78 26/44	1.78 26/44
Sep.	Amt. Date	1.60 20/50	1.72 20/50	1.85 14/50	2.02 14/50	2.63 16/50	2.63 16/50
Oct.	Amt. Date	1.12 17/46	1.12 17/46	1.12 17/46	1.13 17/46	1.13 17/46	1.30 21-22/50
Nov.	Amt. Date	1.11 2/46	1.43 2/46	1.59 2/46	2.22 2/46	3.22 2-3/46	4.63 2-3/46
Dec.	Amt. Date	0.60 2/50	0.61 2/50	0.73 5/44	1.35 5/44	2.43 5/44	3.07 5/44
Annual	Amt. Date	2.05 5/3/48	2.23 5/3/48	2.75 3/29-30/45	3.65 3/29-30/45	4.75 3/29-30/45	5.41 3/29-30/45

a Also 3/50

U. S. WEATHER BUREAU

Station: NIMROD DAM

Drainage basin: ARKANSAS

County: PERRY

Lat. 34° 57' Long. 93° 10'

Elev.(ft.) 470

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.65 24/49	1.16 17-18/49	1.51E 2/50	2.34 2/50	2.99 24/49	3.97 24-25/49
Feb.	Amt. Date	0.80 17/44	1.15 17/44	1.50 17/44	2.35 20/45	2.87 20/45	4.43 20-21/45
Mar.	Amt. Date	1.15 30/45	1.33 3/46	1.65 30/45	3.00 30/45	3.96 29-30/45	4.13 29-30/45
Apr.	Amt. Date	1.60 15/46	2.43 15/46	2.63 15/46	3.30 22/44	3.42 22/44	3.42 22/44
May	Amt. Date	2.05 7/50	2.55 7/50	2.80 7/50	3.06 7/50	3.20 7/50	4.90 6-7/50
Jun.	Amt. Date	1.56 11/49	1.87 10-11/45	1.93a 18/40	2.30 10/45	2.64 10-11/45	4.77 10-11/45
Jul.	Amt. Date	1.65 26/44	2.18 29/46	2.30 29/46	2.98 28-29/46	3.13 28-29/46	3.30 28-29/46
Aug.	Amt. Date	1.46 27/40	1.57 27/40	1.91 24/50	2.24 26/44	2.30 26/44	2.42 26/44
Sep.	Amt. Date	1.14 9/41	1.77 9/41	2.13 24/41	2.90 24/41	3.34 24/41	3.34 24/41
Oct.	Amt. Date	0.91 11/49	1.15 11/49	1.17 11/49	1.50 3/41	2.11 21/50	2.47 21-22/50
Nov.	Amt. Date	1.03b 22/40	1.78 22/40	2.33 22/40	2.99 22/40	3.18 22-23/40	4.63 22-23/40
Dec.	Amt. Date	1.18 28/46	1.86 11/46	1.99 11/46	2.65 26/42	2.80 26-27/42	3.04 31-1/47
Annual	Amt. Date	2.05 5/7/50	2.55 5/7/50	2.80 5/7/50	3.30 4/22/44	3.96 3/29-30/45	4.90 5/6-7/50

a Also 10-11/45
b Also 8/44

U.S. WEATHER BUREAU

Station: NORFOLK DAM

Drainage basin: WHITE

County: BAXTER

Lat. 36° 15' Long. 92° 15'

Elev.(ft.) 425

Period of record: 1941-1950 (BREAK)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.65a 24/49	1.23 24/49	1.50 24/49	2.35 24/49	3.59 24/49	4.74 23-24/49
Feb.	Amt. Date	1.14 25/44	1.25 5/46	1.68 13/49	2.68 13-14/49	3.45 13-14/49	3.94 13-14/49
Mar.	Amt. Date	1.40 18/45	1.90 18/45	2.95 18/45	3.09 18/45	3.54 18/45	3.95 18-19/45
Apr.	Amt. Date	1.30 14/45	1.45 14-15/45	1.70 14-15/45	2.15 14/45	2.64 8/42	3.49 14/45
May	Amt. Date	1.30 24/46	1.47 10/43	2.25 10/43	2.85 10/43	3.64 10/43	5.03 10/43
Jun.	Amt. Date	1.67 16/45	2.13 16/45	2.32 16/45	2.75 16-17/45	3.29 16-17/45	3.32 16-17/45
Jul.	Amt. Date	1.57 18/41	2.85 18/41	3.91 18/41	4.04 18/41	4.04 18/41	4.04 18/41
Aug.	Amt. Date	2.08 30/50	2.40 30/50	2.88 30/50	3.15 30/50	3.17 30-31/50	3.40 30-31/50
Sep.	Amt. Date	1.10 24/41	1.75 24/41	2.38 24/41	3.28 24/41	3.60 24/41	3.60 24/41
Oct.	Amt. Date	1.45 14/41	2.75 14/41	2.75 14/41	2.77 14/41	4.01 14/41	4.87 14-15/41
Nov.	Amt. Date	0.86 9/46	1.20 9/46	1.21 9/46	1.40 1/48	1.76 1-2/48	2.23 1-2/48
Dec.	Amt. Date	0.83 26/42	1.61 26/42	1.83 26/42	2.72 26-27/42	3.55 31/47	4.15 10/14-15/41
Annual	Amt. Date	2.08 8/30/50	2.85 7/18/41	3.91 7/18/41	4.04 7/18/41	4.04 7/18/41	5.03 5/10/43

a Also 4/50

U. S. WEATHER BUREAU

Station: PARTHENON

Drainage basin: ARKANSAS

County: NEWTON

Lat. 35° 57' Long. 93° 15'

Elev.(ft.) 925

Period of record:1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.52 3/50	0.87 3/50	1.28 3/50	2.17 3/50	2.51 3/50	3.72 31-1/48
Feb.	Amt. Date	0.89 11/50	1.32 11/50	1.62 11-12/50	2.19 11-12/50	2.70 20-21/45	3.71 11-12/50
Mar.	Amt. Date	1.10 24/45	1.58 24/45	1.58 24/45	1.95 24-25/45	2.63 18/45	3.55 18/45
Apr.	Amt. Date	1.07 25/47	1.58 14/45	1.94 14/45	3.03 14/45	3.61 13-14/45	4.43 14/45
May	Amt. Date	1.20 30/46	2.18 23/48	2.25 23/48	2.25 23/48	3.02 8-9/43	3.41 8-9/43
Jun.	Amt. Date	1.76 28/40	2.65 28/40	3.14 28/40	3.48 28/40	3.65 10/45	4.50 9-10/45
Jul.	Amt. Date	1.90 27/48	2.00 27/48	2.05 27/48	2.70 18/50	3.38 18/50	3.59 17-18/50
Aug.	Amt. Date	1.80 27/50	2.51 27/50	2.67 27/50	2.94 27/50	2.94 27/50	2.94 27/50
Sep.	Amt. Date	1.83 24/45	2.31 24/45	2.74 24/45	3.75 24/45	4.33 24-25/45	4.51 24-25/45
Oct.	Amt. Date	1.35 14/41	1.85 15/41	2.35 14-15/41	3.48 15/41	5.30 14-15/41	5.95 14-15/41
Nov.	Amt. Date	1.76 9/46	2.08 9/46	2.14 9/46	2.32 2/46	3.15 2/46	3.17 9/46
Dec.	Amt. Date	1.25 28/46	1.48 14/48	1.73 14/48	2.35 26/42	3.33 31/47	3.72 31-1/47
Annual	Amt. Date	1.90 7/27/48	2.65 6/28/40	3.14 6/28/40	3.75 9/24/45	5.30 10/14-15/41	5.95 10/14-15/41

U.S. WEATHER BUREAU

Station: PINE BLUFF CAA AP

Drainage basin: ARKANSAS

County: JEFFERSON

Lat. 34° 10' Long. 91° 56'

Elev.(ft.) 315

Period of record: 1941-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.81 10/50	0.93 10/50	1.10 a 8/46	1.90 8/46	2.02 8/46	2.97 7-8/46
Feb.	Amt. Date	0.85 11/48	1.25 11/48	1.85 11/48	2.10 11/48	2.91 11-12/48	4.01 11-12/48
Mar.	Amt. Date	1.10 12/50	1.20 12/50	1.55 27/46	2.75 12/50	4.04 21-22/48	4.84 11-12/50
Apr.	Amt. Date	0.99 11/43	1.41 19/44	1.88 27/42	3.29 27/42	4.03 1/45	4.18 1-2/45
May	Amt. Date	1.39 20/47	2.32 20/47	2.43 20/47	2.63 20/47	2.95 20-21/47	3.02 20-21/47
Jun.	Amt. Date	1.40 23/47	2.01 23/47	2.11 23/47	2.15 23/47	2.46 23/47	3.42 11-12/45
Jul.	Amt. Date	1.20 18/48	1.70 18/48	1.77 18/48	1.95 18/48	1.95 18/48	2.75 13/48
Aug.	Amt. Date	2.03 25/50	2.33 25/50	2.59 25/50	2.62 25/50	2.62 25/50	2.65 6-7/45
Sep.	Amt. Date	1.67 30/45	3.12 30/45	3.74 30/45	4.67 30/45	5.39 29-30/45	6.82 29-30/45
Oct.	Amt. Date	0.75 24/46	1.09 5/49	1.66 5/49	2.89 5/49	3.81 4-5/49	4.66 4-5/49
Nov.	Amt. Date	0.91 8/46	1.57 8/46	1.74 8-9/46	2.25 8-9/46	2.36 8-9/46	2.93 9-10/45
Dec.	Amt. Date	1.18 2/50	1.50 2/50	1.52 2/50	2.28 2/50	2.28 2/50	2.32 26-27/42
Annual	Amt. Date	2.03 8/25/50	3.12 9/30/45	3.74 9/30/45	4.67 9/30/45	5.39 9/29-30/45	6.82 9/29-30/45

a Also 16/49

U.S. WEATHER BUREAU

Station: PRESCOTT

Drainage basin: OUACHITA

County: NEVADA

Lat. 33° 48' Long. 93° 23'

Elev.(ft.) 318

Period of record:1941-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.72 24/49	1.22 15/49	1.46 13/50	2.20 4-5/46	2.86 15-16/49	3.70 15-16/49
Feb.	Amt. Date	0.69 1/50	1.05 1-2/50	1.32 1-2/50	1.68 1-2/50	2.27 1-2/50	3.34 1-2/50
Mar.	Amt. Date	1.20a 5/46	2.33 5/46	2.69 5-6/46	3.44 5-6/46	3.85 5-6/46	3.90 5-6/46
Apr.	Amt. Date	1.57 8/42	2.42 8/42	2.87 8/42	3.55 8/42	4.52 7-8/42	5.50 7-8/42
May	Amt. Date	1.60 13/47	2.80 13/47	2.84 13/47	3.94 12-13/47	3.98 12-13/47	3.98 12-13/47
Jun.	Amt. Date	1.40 12/45	2.51 11-12/45	3.70 11-12/45	5.48 11-12/45	6.68 11-12/45	7.99 11-12/45
Jul.	Amt. Date	1.31 2/45	3.06 14/43	3.23 14/43	3.29 14/43	3.29 14/43	3.29 14/43
Aug.	Amt. Date	2.60 28/47	2.80 29/47	3.40 29/47	3.70 29/47	3.70 29/47	6.25 28-29/47
Sep.	Amt. Date	1.19 3/50	1.49 3/50	1.64 12/47	1.79 12/47	3.20 9/42	3.68 8-9/42
Oct.	Amt. Date	1.30 23/43	1.60 7/49	1.84 24/49	2.87 24/49	3.26 24/49	4.25 4-5/49
Nov.	Amt. Date	0.85 14/47	1.63 15/50	2.07 8/44	3.20 8/44	3.28 8/44	4.16 8/44
Dec.	Amt. Date	1.10 31/47	1.30 31/47	1.50 31/47	1.70 31/47	2.12 5/44	3.57 5-6/44
Annual	Amt. Date	2.60 8/28/47	3.06 7/14/43	3.70 6/11-12/45	5.48 6/11-12/45	6.68 6/11-12/45	7.99 6/11-12/45

a Also 21/48

U. S. WEATHER BUREAU

Station: PYATT

Drainage basin: WHITE

County: MARION

Lat. 36° 16' Long. 92° 51'

Elev.(ft.) 800

Period of record: 1942-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.66 3/50	1.28 3/50	1.75 3/50	2.90 3/50	3.31 3-4/50	3.33 3-4/50
Feb.	Amt. Date	0.80 16/45	1.15 13/49	1.54 13/49	2.19 13/49	2.72 13-14/49	3.59 25-26/45
Mar.	Amt. Date	0.95 18/45	1.08 18/45	1.43 18/45	1.98 18/45	2.40 18/45	3.33 18-19/45
Apr.	Amt. Date	1.25 13/45	1.50 13-14/45	1.81 13-14/45	3.25 13-14/45	3.43 13-14/45	4.75 13-14/45
May	Amt. Date	1.05 15/16	1.83 15/46	2.13 15/46	2.89 15/46	4.16 15/46	5.00 15-16/46
Jun.	Amt. Date	1.12 3/49	1.35 10/45	1.55 10/45	1.83 10-11/45	1.85a 10-11/45	2.98 10-11/45
Jul.	Amt. Date	1.61 5/45	1.64 5/45	2.00 7/49	3.15 7-8/49	3.21 7-8/49	3.35 7-8/49
Aug.	Amt. Date	1.03 30/44	1.12 30/44	1.21 30/44	1.27 26/48	1.62 14/48	1.62 14/48
Sep.	Amt. Date	1.56 4/49	1.93 4/44	1.95 4/44	2.71 24/45	3.74 24-25/45	3.80 24-25/45
Oct.	Amt. Date	1.10 30/42	1.70 30/42	1.81 30/42	2.20 30/42	2.44 29-30/42	2.48 29-30/42
Nov.	Amt. Date	0.85 17/42	1.17 17/42	1.20 17/42	1.37 17/42	1.87 2/46	1.95 4-5/42
Dec.	Amt. Date	1.70 26/42	2.42 26/42	2.67 26/42	3.65 26-27/42	4.23 26-27/42	4.35 26-27/42
Annual	Amt. Date	1.70 12/26/42	2.42 12/26/42	2.67 12/26/42	3.65 12/26-27/42	4.23 12/26-27/42	5.00 5/15-16/46

a also 17-18/48

U.S. WEATHER BUREAU

Station: RAVANA

Drainage basin: RED

County: MILLER

Lat. 33° 04' Long. 94° 02'

Elev.(ft.) 250

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.55 13/50	1.00 13/50	1.49 E 13/50	2.14 13/50	2.90 15-16/49	3.65 15-16/49
Feb.	Amt. Date	1.12 12/50	1.46 12/50	1.78 12/50	1.99 12/50	2.00 12/50	3.00 11-12/50
Mar.	Amt. Date	1.24 6/41	1.49 6/41	1.80 6/41	2.82 6/41	3.19 6/41	3.45 6/41
Apr.	Amt. Date	1.40a 2/41	1.70 29/44	1.98 28/42	2.71 30/44	2.88 7-8/42	3.74 7-8/42
May	Amt. Date	1.30 25/46	1.65 25/46	1.73 1-2/44	3.00 18/42	3.60 18/42	3.90 17-18/42
Jun.	Amt. Date	1.95 21/46	2.35 17/40	3.20 28/40	3.70 28/40	3.71 28/40	3.84 17-18/40
Jul.	Amt. Date	1.20 7/45	2.34 7/45	2.52 1/40	3.96 1/40	5.03 1/40	5.12 1/40
Aug.	Amt. Date	2.65 22/42	4.20 22/42	5.10 22/42	6.81 22/42	7.02 22/42	7.31 22/42
Sep.	Amt. Date	1.67 11/45	1.89 11/45	2.00 11/45	2.73 24/41	3.08 24/41	3.08 24/41
Oct.	Amt. Date	1.69 12/43	3.10 12/43	3.55 12/43	4.35 12-13/43	4.51 12-13/43	4.58 12-13/43
Nov.	Amt. Date	0.90 19/41	1.42 22/40	2.02 22/40	3.18 22-23/40	3.76 22-23/40	4.80 22-23/40
Dec.	Amt. Date	0.80 14/48	0.95 5/43	1.27 7/47	1.97 26/44	3.27 26/44	3.80 26-27/44
Annual	Amt. Date	2.65 8/22/42	4.20 8/22/42	5.10 8/22/42	6.81 8/22/42	7.02 8/22/42	7.31 8/22/42

a also 28/42

U.S. WEATHER BUREAU

Station: REMMEL DAM

Drainage basin: OUACHITA

County: HOT SPRING

Lat. 34° 26' Long. 92° 54'

Elev.(ft.) 308

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.52 25/49	0.87 25/49	1.22 5/46	1.89 30/42	2.32 30/42	3.31 24-25/49
Feb.	Amt. Date	0.82 4/46	1.37 21/45	1.45 21/45	1.70 23-24/49	2.85 11-12/50	4.10 11-12/50
Mar.	Amt. Date	1.13 25/49	1.62 18/44	2.10 18/44	3.13 18/44	3.39 18-19/44	3.55 18-19/44
Apr.	Amt. Date	1.76 29/46	2.98 29/46	3.79 29/46	6.08 29/46	6.92 29/46	7.07 29-30/46
May	Amt. Date	3.41 22/40	4.66 22/40	4.96 22/40	5.01 22/40	5.14 22/40	5.54 22-28/40
Jun.	Amt. Date	1.87 20/40	2.40 11/45	3.02 11/45	3.43 11/45	3.46 10-11/45	4.24 11-12/45
Jul.	Amt. Date	1.15 12/49	1.30 18/40	1.55 21/40	2.10 21/40	2.32 21/40	2.32 21/40
Aug.	Amt. Date	1.95 3/42	1.95 3/42	1.98 3/42	2.06 22/42	2.28 22/42	2.28 3-4/42
Sep.	Amt. Date	1.60 7/42	1.65 7/42	1.80 15/50	2.48 15/50	3.34 15-16/50	4.55 15-16/50
Oct.	Amt. Date	1.98 26/41	2.08 26/41	2.10 26/41	2.70 12-13/43	2.87 4-5/49	3.40 4-5/49
Nov.	Amt. Date	1.11 2/46	1.38 7/44	1.52 7/44	2.09 2/46	2.65 2-3/46	2.96 2-3/46
Dec.	Amt. Date	0.99 15/48	1.40 25/44	1.49 25/44	1.70 25/44	2.32 5-6/44	3.61 5-6/44
Annual	Amt. Date	3.41 5/22/40	4.66 5/22/40	4.96 5/22/40	6.08 4/29/46	6.92 4/29/46	7.07 4/29-30/46

U. S. WEATHER BUREAU

Station: SMITHVILLE

Drainage basin: WHITE

County: LAWRENCE

Lat. 36° 05' Long. 91° 18'

Elev.(ft.) 450

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.45 24/49	2.33 24/49	3.30 24/49	5.23 24/49	5.65 24/49	6.28 24-25/49
Feb.	Amt. Date	0.60a 16/45	1.42 5/46	1.52 5/46	1.74 16-17/45	2.28 16-17/45	3.43 11-12/50
Mar.	Amt. Date	0.67 16/45	1.00 16/45	1.15 29/45	1.37 29-30/45	1.62 29-30/45	2.55 29-30/45
Apr.	Amt. Date	2.00 10/44	3.18 10/44	3.49 10/44	3.50 10/44	3.53 10-11/44	3.87 10-11/44
May	Amt. Date	1.25 24/46	1.53 10/43	2.34 10/43	3.63 10/43	3.83 10/43	3.85 10/43
Jun.	Amt. Date	1.70 18/48	2.36 11/45	2.62 11/45	2.94 11/45	3.05 10-11/45	3.48 10-11/45
Jul.	Amt. Date	1.65 30/48	2.22 30/48	2.22 30/48	2.30 8/49	2.35 7/49	3.42 6-7/49
Aug.	Amt. Date	2.09 15/42	2.17 15/42	2.55 24/50	3.17 24/50	3.39 23-24/45	3.88 23-24/50
Sep.	Amt. Date	1.23 1/43	1.90 9/41	1.97 9/41	2.09 9/41	2.16 24-25/45	2.97 24-25/45
Oct.	Amt. Date	0.94 3/41	0.98 11/49	1.14 11/49	1.92 5/49	2.61 5/49	2.99 4-5/49
Nov.	Amt. Date	1.40 18/48	1.66 18/48	1.76 18/48	1.79 18/48	1.80 7-8/44	2.00 7-8/44
Dec.	Amt. Date	0.65 31/47	0.95 31/47	1.15 31/47	1.69 14/48	2.75 31/47	3.38 31-1/47
Annual	Amt. Date	2.09 8/15/42	3.18 4/10/44	3.49 4/10/44	5.23 1/24/49	5.65 1/24/49	6.28 1/24-25/49

a Also 12/50

U. S. WEATHER BUREAU

Station: TEXARKANA WB AP

Drainage basin: RED

County: MILLER

Lat. 33° 27' Long. 94° 00'

Elev.(ft.) 368

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.80 4/46	1.10a 4/46	1.52 15/49	1.95 15/49	3.10 15-16/49	3.92 15-16/49
Feb.	Amt. Date	0.90 11/50	1.49 11/50	1.64 11/50	2.02 11/50	2.82 11/50	3.87 11-12/50
Mar.	Amt. Date	2.35 29/45	3.20 29/45	3.75 29/45	3.88 29/45	4.80 28-29/45	6.73 29/45
Apr.	Amt. Date	1.06 29/50	1.13 29/44	1.30 29/44	1.90 30/44	2.47 30-1/44	3.35 7-8/42
May	Amt. Date	2.20 13/47	2.88 13/47	3.51 13/47	3.68 13/47	3.72 13/47	4.57 1-2/50
Jun.	Amt. Date	1.82 5/44	3.09 11-12/45	3.44 11-12/45	4.37 11-12/45	4.92 11-12/45	6.58 11-12/45
Jul.	Amt. Date	1.00 28/45	1.51 14/50	1.55 14/50	1.59 14/50	1.59 14/50	1.97 14-15/50
Aug.	Amt. Date	2.02 15/48	2.42 15/48	2.89 13/44	2.95 16-17/42	4.03 16-17/42	4.17 16-17/42
Sep.	Amt. Date	1.51 7/49	1.66 7/49	1.73 7/49	1.78 7/49	2.08 16/50	2.37 31-1/50
Oct.	Amt. Date	0.77 12/43	1.32 12/43	2.09 12/43	3.23 12-13/43	3.36 12-13/43	3.36 12-13/43
Nov.	Amt. Date	1.54 8/44	2.42 8/44	2.88 8/44	3.89 8/44	3.95 8/44	4.25 7-8/44
Dec.	Amt. Date	0.92 31/47	1.20 31/47	1.33 26/42	2.20 26/42	2.51 26-27/42	3.03 5/44
Annual	Amt. Date	2.35 3/29/45	3.20 3/29/45	3.75 3/29/45	4.37 6/11-12/45	4.92 6/11-12/45	6.73 3/29/45

a Also 15/49

U.S. WEATHER BUREAU

Station: STUTT GART 9 ESE

Drainage basin: ARKANSAS

County: ARKANSAS

Lat. 34° 28' Long. 91° 25'

Elev.(ft.) 198

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.09 4/49	1.13 26/42	1.25 10/50	1.95 10/50	2.66 <u>31-1/48</u>	3.74 7-8/46
Feb.	Amt. Date	0.40a 16/42	0.90 25/44	0.96 12/48	2.24 12/48	2.68 12/48	3.55 12/48
Mar.	Amt. Date	1.05 25/45	1.15 25/45	1.45 22-23/48	2.02 22-23/48	3.14 22-23/48	3.35 22-23/48
Apr.	Amt. Date	1.11 19/47	1.67 10/48	2.02 10/48	2.50 25-26/42	2.68 8/42	3.57 7-8/42
May	Amt. Date	1.35 2/46	1.39 2/46	1.43 22/48	2.03 23/48	2.30 23/48	3.80 22-23/48
Jun.	Amt. Date	2.55 16/48	2.68 16/48	2.77 16/48	2.85 16/48	2.85 16/48	2.85 16/48
Jul.	Amt. Date	1.53 5/50	1.55 5/50	1.61 5/50	2.07 27-28/50	2.26 2/40	3.89 28-29/46
Aug.	Amt. Date	1.42 1/41	2.35 24/50	2.60 24/50	2.89 24/50	2.92 24/50	3.25 30-31/50
Sep.	Amt. Date	1.08 19/45	1.23 19/45	1.25 19/45	1.46 25/40	4.13 30-1/45	4.65 30-1/45
Oct.	Amt. Date	1.67 26/41	2.11 7/49	2.25 1/45	3.51 1/45	4.13 <u>30-1/45</u>	4.65 <u>30-1/45</u>
Nov.	Amt. Date	1.47 15/50	1.91 15-16/50	1.95 15-16/50	2.20 9-10/45	3.04 9-10/45	3.35 9-10/45
Dec.	Amt. Date	0.60 15/40	0.85 15/40	1.16 15/40	1.75 15/40	2.66 31-1/47	2.66 31-1/47
Annual	Amt. Date	2.55 6/16/48	2.68 6/16/48	2.77 6/16/48	3.51 10/1/45	4.13 9/30- 10-1/45	4.65 9/30- 10-1/45

a Also 9/50

U. S. WEATHER BUREAU

Station: VAUGHN (nr) SCS 111

Drainage basin: ARKANSAS

County: BENTON

Lat. 36° 18' Long. 94° 18'

Elev.(ft.) 1310

Period of record: 1940-1946 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.46 27/44	0.52a 31-1/41	0.75 31-1/41	1.35 31-1/41	2.29 31-1/41	2.36 31-1/41
Feb.	Amt. Date	0.98 26/45	0.98b 26/45	1.31 13/46	1.95 20-21/45	2.64 20-21/45	2.73 20-21/45
Mar.	Amt. Date	0.58 14/45	0.86 15/44	0.87 15/44	1.14 16/44	1.29 15-16/44	1.69 15-16/44
Apr.	Amt. Date	1.56 14/45	1.98 14/45	2.24 18/45	3.02 20/45	3.75 14/45	4.21 14-15/45
May	Amt. Date	1.64 24/46	2.58 24/46	2.86 24/46	2.87 24/46	2.87 24/46	5.66E 9-10/43
Jun.	Amt. Date	2.48 26/46	2.66 26/46	2.66 26/46	2.68 26/46	2.68 26/46	2.74 26/46
Jul.	Amt. Date	1.92 26/45	1.92 26/45	1.92 26/45	1.93 26/45	1.94 26-27/45	2.31 26-27/45
Aug.	Amt. Date	1.15 5/44	1.51 6/45	1.68 6/45	2.10 5/44	2.11 5/44	2.12 5/44
Sep.	Amt. Date	1.16 12/45	1.87 12/45	2.38 12/45	3.32 12/45	3.78 12/45	4.17 12/45
Oct.	Amt. Date	1.04 29/42	1.80 29/42	2.06 29/42	3.53 29/42	4.65 29-30/42	4.82 29-30/42
Nov.	Amt. Date	1.00 2/46	1.18 2/46	1.31 2/46	2.00 6/46	2.85 6/46	3.08 4-5/42
Dec.	Amt. Date	0.68 9/46	0.88 26/42	1.10 26/42	1.59 26/42	2.66 26/42	3.38 9-10/46
Annual	Amt. Date	2.48 6/26/46	2.66 6/26/46	2.86 5/24/46	3.53 10/29/42	4.65 10/29-30/42	5.66 E 5/9-10/43

a Also 27/44

b Also 13/46

U.S. WEATHER BUREAU

Station: WALDRON

Drainage basin: ARKANSAS

County: SCOTT

Lat. 34° 54' Long. 94° 06'

Elev.(ft.) 675

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.65 24/49	1.21 24/49	1.65 24/49	2.52 24/49	3.57 23-24/49	4.46 23-24/49
Feb.	Amt. Date	0.94 17/44	1.18 17/44	1.66 12/50	2.50 12/50	3.80 11-12/50	4.60 11-12/50
Mar.	Amt. Date	1.40 29/45	2.10 29/45	2.20 29/45	2.96 28-29/45	3.58 28-29/45	4.00 29-30/45
Apr.	Amt. Date	1.30 30/49	1.70 30/49	1.80 30-1/49	2.04 30-1/49	2.34 30-1/49	2.36 30-1/49
May	Amt. Date	1.85 19/43	2.25 10/43	2.95 10/43	3.40 10/43	3.68 14-15/45	4.50 9-10/43
Jun.	Amt. Date	2.10 10/45	2.34 10/45	2.57 10/45	2.88 10/45	2.91 10-11/45	4.61 10-11/45
Jul.	Amt. Date	1.40 27/45	1.60 27/45	2.14 22/48	2.17 22/48	2.37 22-23/48	2.78 22-23/48
Aug.	Amt. Date	0.96 5/50	1.75 11/40	2.20 17/40	2.67 17/40	3.23 17/40	3.56 17-18/40
Sep.	Amt. Date	1.70 11/47	2.20 11-12/47	2.54 11-12/47	2.95 11-12/47	3.19 11-12/47	3.40 15-16/50
Oct.	Amt. Date	1.80 3/41	2.00 3/41	2.12 16/48	2.30 3/41	2.68 3-4/41	3.08 30-31/41
Nov.	Amt. Date	1.40 10/40	1.60 10/40	1.75 10/40	1.90 7-8/44	2.85 7/44	3.29 7-8/44
Dec.	Amt. Date	1.00 31/47	1.32 31/47	1.90 31/47	2.45 31/47	3.80 31/47	4.30 31-1/47
Annual	Amt. Date	2.10 6/10/45	2.34 6/10/45	2.95 5/10/43	3.40 5/10/43	3.80 2/11-12/50	4.61 6/10-11/45

U.S. WEATHER BUREAU

Station: WEDINGTON LAKE

Drainage basin: ARKANSAS

County: WASHINGTON

Lat. 36° 06'

Long. 94° 23'

Elev.(ft.) 1150

Period of record: 1945-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 3/50	0.60 3/50	0.76 3/50	1.05 3-4/50	1.29 3-4/50	2.20 31-1/48
Feb.	Amt. Date	0.64 13/46	1.00 13/46	1.30 13/46	1.51 11/50	2.16 12-13/46	2.59 11-12/50
Mar.	Amt. Date	0.94 11/50	0.99 11/50	1.01 11/50	1.40 5/47	1.70 26/49	1.80 25-26/49
Apr.	Amt. Date	0.98 24/49	1.30 2/50	1.38 8/47	1.82 2-3/50	1.96 2-3/50	2.82 2-3/50
May	Amt. Date	1.80 10/50	2.70 9-10/50	3.55 9-10/50	5.47 9-10/50	6.87 9-10/50	9.37 9-10/50
Jun.	Amt. Date	1.25 28/49	1.50 23/48	2.05 23/48	3.32 23/48	4.22 23/48	5.10 23/48
Jul.	Amt. Date	0.89 11/46	1.05 8/49	1.28 26/48	1.55 7-8/49	2.00 7-8/49	2.05 21-22/50
Aug.	Amt. Date	1.20 29/48	2.00 29/48	2.05 29/48	3.20 14/48	3.95 14/48	3.95 14/48
Sep.	Amt. Date	1.09 18/49	1.99 18/49	2.84 18/49	3.35 18/49	3.89 18/49	3.89 18/49
Oct.	Amt. Date	1.40 30/47	1.70 30/47	2.72 30-31/47	3.12 30-31/47	3.12 30-31/47	3.12 30-31/47
Nov.	Amt. Date	0.87 1/48	1.15 1/48	1.25 1/48	1.79 6/46	2.45 5-6/46	2.66 5-6/46
Dec.	Amt. Date	0.82 14/48	1.42 14/48	1.60 14/48	2.10 14/48	2.18 14/48	2.90 9-10/46
Annual	Amt. Date	1.80 5/10/50	2.70 5/9-10/50	3.55 5/9-10/50	5.47 5/9-10/50	6.87 5/9-10/50	9.37 5/9-10/50

U.S. WEATHER BUREAU

Station: WEST FORK

Drainage basin: WHITE

County: WASHINGTON

Lat. 35° 55' Long. 94° 11'

Elev.(ft) 1340

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.55 1/41	1.18 31-1/41	1.56 31-1/41	1.69 31-1/41	2.43 12-13/50	2.97 12-13/50
Feb.	Amt. Date	1.06 13/46	1.39 13/46	1.51 13/46	1.65 13/46	2.28 14/49	2.68a 13-14/49
Mar.	Amt. Date	0.74 15/43	0.99 18/45	1.06 18/45	1.99 18/45	2.73 18-19/45	3.31 18-19/45
Apr.	Amt. Date	1.46 10/44	2.00 14/45	2.62 18/41	4.21 13-14/45	5.74 13-14/45	7.08 13-14/45
May	Amt. Date	1.68 24/46	3.02 24/46	4.17 24/46	4.20 24/46	4.25 24/46	4.70 24-25/46
Jun.	Amt. Date	1.85 10/45	2.90 9/45	3.23 9/45	3.58 9-10/45	5.46 9-10/45	6.67 9-10/45
Jul.	Amt. Date	1.50 29/46	1.59 26/45	2.20 29/46	2.60 29/46	2.60 29/46	2.91 17-18/50
Aug.	Amt. Date	1.39 29/48	2.05 29/48	2.42 29/48	2.87 14/48	3.52 14/48	3.52 14/48
Sep.	Amt. Date	1.10 18/49	2.20 18/49	3.20 18/49	3.38 18/49	3.53 18/49	3.75 12-13/45
Oct.	Amt. Date	1.13 28/40	1.66 14/41	1.96 14-15/41	2.28 14-15/41	3.33 14-15/41	4.51 14-15/41
Nov.	Amt. Date	0.91 17/42	1.20 5/42	1.60 7/42	2.05 2/46	2.60 4-5/42	3.17 4-5/42
Dec.	Amt. Date	0.84 14/48	1.24 26/42	1.65 26/42	2.41b 26/42	3.87 26/42	4.50 26/42
Annual	Amt. Date	1.68 5/24/46	3.02 5/24/46	4.17 5/24/46	4.21 4/13-14/45	5.74 4/13-14/45	7.08 4/13-14/45

a Also 11-12/50

b Also 14/48

U.S. WEATHER BUREAU

Station: WHEELING

Drainage basin: WHITE

County: FULTON

Lat. 36° 19' Long. 91° 52'

Elev.(ft.) 680

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.55 24/49	1.90 24/49	2.80 24/49	3.28 23-24/49	5.05 24/49	6.18 23-24/49
Feb.	Amt. Date	1.48 25/44	1.78 25/44	1.90 13/49	2.89 13/49	3.67 13-14/49	4.00 13-14/49
Mar.	Amt. Date	0.90 29/45	1.15 29/45	1.35 29/45	2.15 30/45	3.21 30/45	3.35 30/45
Apr.	Amt. Date	1.03 1/45	1.30 1/45	1.95 1/45	2.35 1/45	2.52 8/42	3.14 14-15/45
May	Amt. Date	1.35 9/43	2.45 9/43	2.69 9/43	3.23 9/43	3.71 9/43	4.86 9-10/43
Jun.	Amt. Date	1.58 14/44	1.65 14/44	1.80 14/44	2.12 16-17/45	2.58 16-17/45	2.80 9-10/45
Jul.	Amt. Date	1.30 7/49	2.45 20/46	2.45 20/46	2.66 7/49	5.10 7/49	5.47 6-7/49
Aug.	Amt. Date	1.27 28/50	1.60 26/47	1.72 28/50	2.17 28/50	3.05 27-28/50	3.07 27-28/50
Sep.	Amt. Date	1.10 24/45	1.27 24/45	1.48 24/41	2.10 24-25/45	2.87 24-25/45	2.97 24-25/45
Oct.	Amt. Date	1.13 26/41	1.50 30/42	1.85 30/42	2.53 30/42	3.39 29-30/42	3.85 29-30/42
Nov.	Amt. Date	1.43 10/40	1.89 10/40	1.99 10-11/40	2.00 10-11/40	2.00 10-11/40	2.00 10-11/40
Dec.	Amt. Date	0.98 26/42	1.82 26/42	2.11 26-27/42	2.76 26-27/42	2.90 26-27/42	3.02 26-27/42
Annual	Amt. Date	1.58 6/14/44	2.45 5/9/43	2.80 1/24/49	3.28 1/23-24/49	5.10 7/7/49	6.18 1/23-24/49

U. S. WEATHER BUREAU

Station: WINFREY

Drainage basin: ARKANSAS

County: CRAWFORD

Lat. 35° 44' Long. 94° 06'

Elev.(ft.) 1152

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.78 1/41	0.89 1/41	1.18 23/49	1.95 23/49	2.49 23/49	3.80 23-24/49
Feb.	Amt. Date	0.70 21/45	1.25 21/45	1.85 20-21/45	2.65 20-21/45	3.20 20-21/45	3.61 20-21/45
Mar.	Amt. Date	0.74 11/50	1.03 11/50	1.40 29/45	2.20 29/45	2.54 29/45	2.55 29/45
Apr.	Amt. Date	1.30 8/44	1.85 8/44	2.27 8/44	3.17 8/44	3.50 8/44	4.32 14-15/45
May	Amt. Date	1.52 24/46	1.56 24/46	2.32 24/46	2.77 24/46	3.68 8-9/43	4.60 8-9/43
Jun.	Amt. Date	1.65 28/40	2.36 28/40	2.46 28/40	2.56 28/40	3.56 7-8/45	4.99 7-8/45
Jul.	Amt. Date	1.53 18/50	1.81 26/44	2.61 26/44	2.61 26/44	2.61 26/44	3.60 17-18/50
Aug.	Amt. Date	1.98 25/44	2.78 25/44	2.78 25/44	3.08 25/44	5.00 25-26/44	5.45 25-26/44
Sep.	Amt. Date	1.28 12/45	2.43 12/45	2.91 12/45	4.91 12/45	5.51 12/45	5.86 12/45
Oct.	Amt. Date	1.48 28/40	1.86 29-30/42	2.16 29-30/42	2.71 29-30/42	3.33 29-30/42	3.85 29-30/42
Nov.	Amt. Date	0.80 1/46	0.90a 2/46	1.15 3/46	1.84 3/46	2.88 3/46	3.57 4-5/42
Dec.	Amt. Date	1.42 26/42	2.42 26/42	2.81 26/42	3.37 26/42	4.87 26/42	4.94 26-27/42
Annual	Amt. Date	1.65 6/28/40	2.78 8/25/44	2.91 9/12/45	4.91 9/12/45	5.51 9/12/45	5.86 9/12/45

a Also 9/46

U. S. WEATHER BUREAU

Station: WING

Drainage basin: ARKANSAS

County: YELL

Lat. 34° 57' Long. 93° 28'

Elev.(ft.) 350

Period of record: 1943-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.83 12/50	1.21 24/49	1.40 12/50	2.15 12/50	2.61 24/49	4.26 24-25/49
Feb.	Amt. Date	0.70a 17/44	1.20 13/49	1.70 13/49	2.18 13/49	2.88 13/49	4.29 20-21/45
Mar.	Amt. Date	1.00 28/45	1.50 28/45	2.25 28-29/45	2.88 28-29/45	3.55 28-29/45	3.57 28-29/45
Apr.	Amt. Date	1.90 11/48	2.08 11/48	2.08 11/48	2.30 15/46	2.55 15/46	3.25 11-12/48
May	Amt. Date	1.60 6/50	2.24 7/50	2.42 7/50	2.76 7/50	4.23 6-7/50	5.37 6-7/50
Jun.	Amt. Date	1.68 21/43	2.10 12/43	2.10 21/43	2.10 21/43	2.10 21/43	2.75 10-11/45
Jul.	Amt. Date	1.95 29/46	2.30 23/50	2.50 23/50	2.92 23/50	2.92 23/50	3.20 22-23/50
Aug.	Amt. Date	1.25 15/49	1.50 15/49	1.90 13/49	1.90 15/49	1.90 15/49	1.93 22-23/45
Sep.	Amt. Date	1.30 12/45	1.80 12/45	1.94 12/45	2.02 12/45	2.48 12/45	2.78 12-13/45
Oct.	Amt. Date	1.15 11/49	2.00 11/49	2.65 11/49	3.20 11/49	3.20 11/49	3.20 11/49
Nov.	Amt. Date	1.08 8/44	1.98 7-8/44	2.28 7-8/44	2.78 7-8/44	3.08 7-8/44	3.54 7-8/44
Dec.	Amt. Date	0.96 31/47	1.50 31/47	1.68 31/47	1.84 31/47	3.28 31/47	3.75 31-1/47
Annual	Amt. Date	1.95 7/29/46	2.30 7/23/50	2.65 10/11/49	3.20 10/11/49	4.23 5/6-7/50	5.37 5/6-7/50

a Also 13/49