

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, *Secretary*

WEATHER BUREAU

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CONTENTS

TECHNICAL PAPER NO. 15

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

Part XXI: Illinois

DIVISION OF HYDROLOGIC SERVICES

HYDROMETEOROLOGICAL SECTION

In cooperation with

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TECHNICAL PAPER NO. 15

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

INTRODUCTION

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

All precipitation amounts presented in the tabulations are in inches.

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

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

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

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

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

The time intervals used in most of the survey and tabulations began on the hour. This practice yields lower values than would be obtained by allowing the interval to begin any time within an hour, but the extra work involved in obtaining the true values would greatly increase the cost of the project. It is possible that when the survey for the entire United States has been completed an attempt will be made to determine the relation between true maxima and those for the standard clock intervals over various regions of the country. A satisfactory correlation would provide a procedure for adjusting the tabulated amounts to values more nearly representing the true maxima. In instances where true maxima were available the amounts were published and designated as follows: (w) True maxima from Table of Excessive precipitation of the Report of the Chief of the Weather Bureau. (x) True maxima from WB 1030 or from Technical Paper 2, Maximum Recorded Point Rainfall in the United States.

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

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

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

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

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

higher maxima, it was believed preferable to list maxima for all durations for the same period of record.

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

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

The monthly distribution of occurrences of the maximum amounts at the 85 stations with five years or more of record are shown in table 3.

A. E. Brown, Jr. and Edward E. Edstrom were the project leaders. Data were compiled by the Meteorological Aid Pool of the Hydrometeorological Section and checked by James L. Keister and James Villarejo. The manuscript was typed by Carole Bowie and Ruth A. Shipman.

Table 1. - Maximum monthly precipitation amounts for Illinois

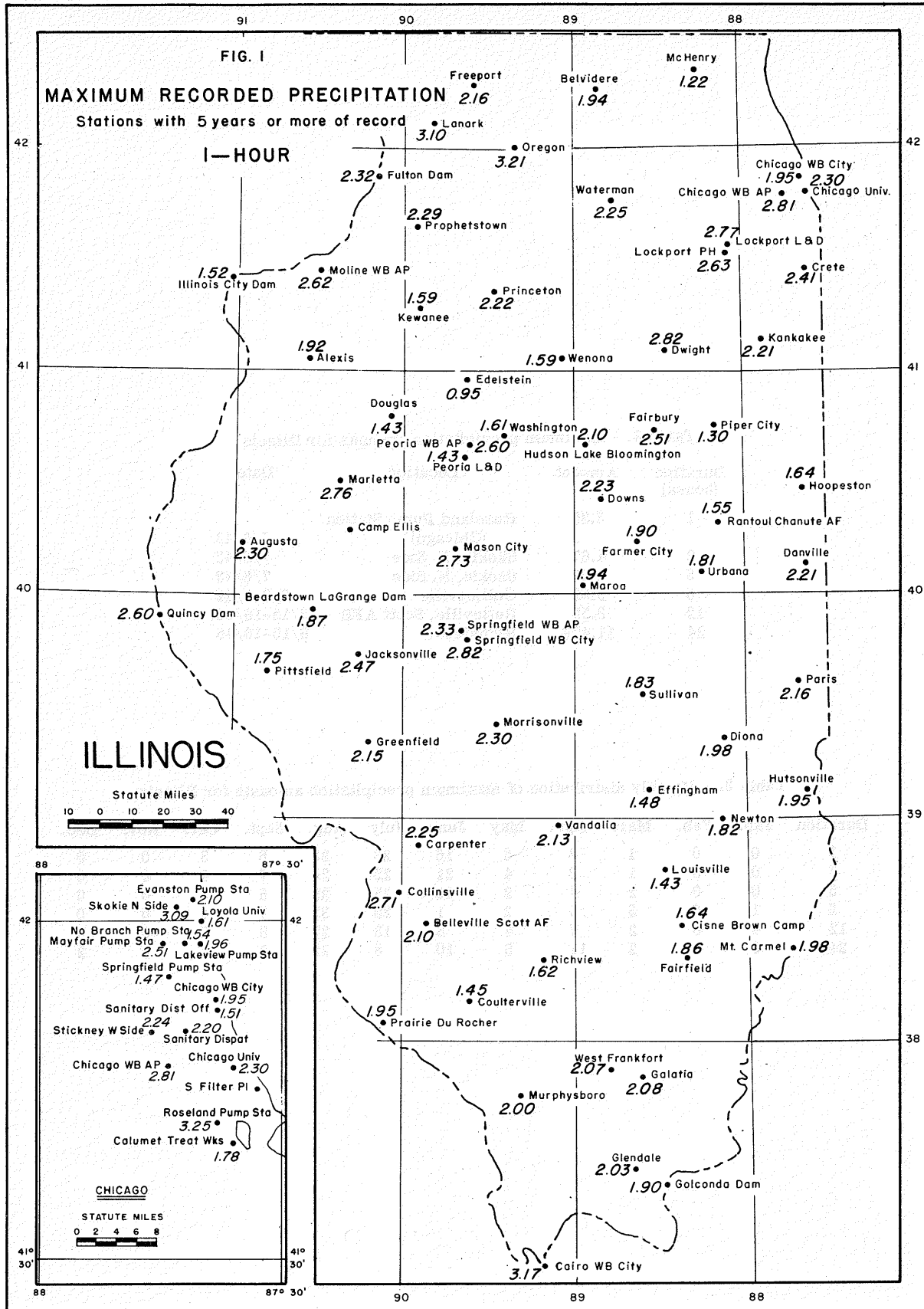
Duration (hours)	Amount	Location	Date	Duration (hours)	Amount	Location	Date
JANUARY				JULY			
1	1.52	Prairie du Rocher	3/50	1	3.25	Roseland Pump Station (Chicago)	6/43
2	2.57	Prairie du Rocher	3/50	2	4.67	Skokie, N. Side	6/43
3	3.22	Prairie du Rocher	3/50	3	4.97	Skokie, N. Side	6/43
6	4.69	Cairo WB City	24/49	6	5.92	Collinsville	8-9/42
12	6.25	Prairie du Rocher	3-4/50	12	7.43	Quincy Dam	20/49
24	7.74	Prairie du Rocher	3-4/50	24	7.53	Quincy Dam	19-20/49
FEBRUARY				AUGUST			
1	.82x	Cairo WB City	14-15/49	1	3.21	Oregon	17/46
2	1.35	Coulterville	14/49	2	3.94	Oregon	17/46
3	1.68	Cairo WB City	23/09	3	4.47	Prairie du Rocher	5/46
6	2.47	Cairo WB City	16/32	6	5.72	Richview	15/46
12	3.29	Prairie du Rocher	12-13/50	12	8.35E	Belleville, Scott AFB	15-16/46
24	4.30x	Cairo WB City	12/50	24	11.47	Richview	15-16/46
MARCH				SEPTEMBER			
1	2.51	Mayfair Pump Station (Chicago)	19/48	1	3.10	Lanark	2/42
2	3.21x	Cairo WB City	13/38	2	3.89	Lockport, Lock and Dam	7/42
3	3.82w	Cairo WB City	13/38	3	4.91	Lockport, Lock and Dam	7/42
6	5.36	Cairo WB City	13-14/38	6	5.23	Lockport, Lock and Dam	7/42
12	5.40x	Cairo WB City	13-14/38	12	6.56	Glendale	24-25/45
24	5.40x	Cairo WB City	13-14/38	24	6.56	Glendale	24-25/45
APRIL				OCTOBER			
1	1.98	Mt. Carmel	22/44	1	2.21	Kankakee	26/47
2	2.88w	Cairo WB City	11/44	2	2.60	Springfield	21/45
3	3.25	Lockport P. H.	4-5/47	3	3.34	Cairo WB City	4/10
6	4.45	Lockport P. H.	4-5/47	6	4.01	Cairo WB City	4/10
12	5.11	Lockport P. H.	4-5/47	12	5.06	Cairo WB City	3-4/10
24	5.43	Lockport P. H.	4-5/47	24	5.69x	Cairo WB City	3-4/10
MAY				NOVEMBER			
1	2.33	Springfield WB AP	29/44	1	1.41x	Cairo WB City	18/21
2	2.83	Morrisonville	30/44	2	1.93x	Cairo WB City	18/21
3	3.48	Peoria	18/27	3	2.68	Cairo WB City	18/21
6	4.33	Peoria	18/27	6	3.45	Cairo WB City	18/21
12	5.53	Cairo WB City	24-25/46	12	4.07	Cairo WB City	17-18/21
24	5.53	Cairo WB City	24-25/46	24	5.06	Carpenter	10/31-11/1/46
JUNE				DECEMBER			
1	3.17w	Cairo WB City	28/05	1	.82x	Cairo WB City	28/16
2	3.68	Galatia	19/42	2	1.43	Glendale	12/31/46-1/1/47
3	4.32	Greenfield	25-26/42	3	1.65	Glendale	12/31/46-1/1/47
6	4.94	Cairo WB City	13/25	6	2.11	Cairo WB City	21/42
12	5.94x	Springfield WB City	4-5/17	12	3.28	Cairo WB City	30/32
24	5.94x	Springfield WB City	4-5/17	24	4.50x	Cairo WB City	29-30/32

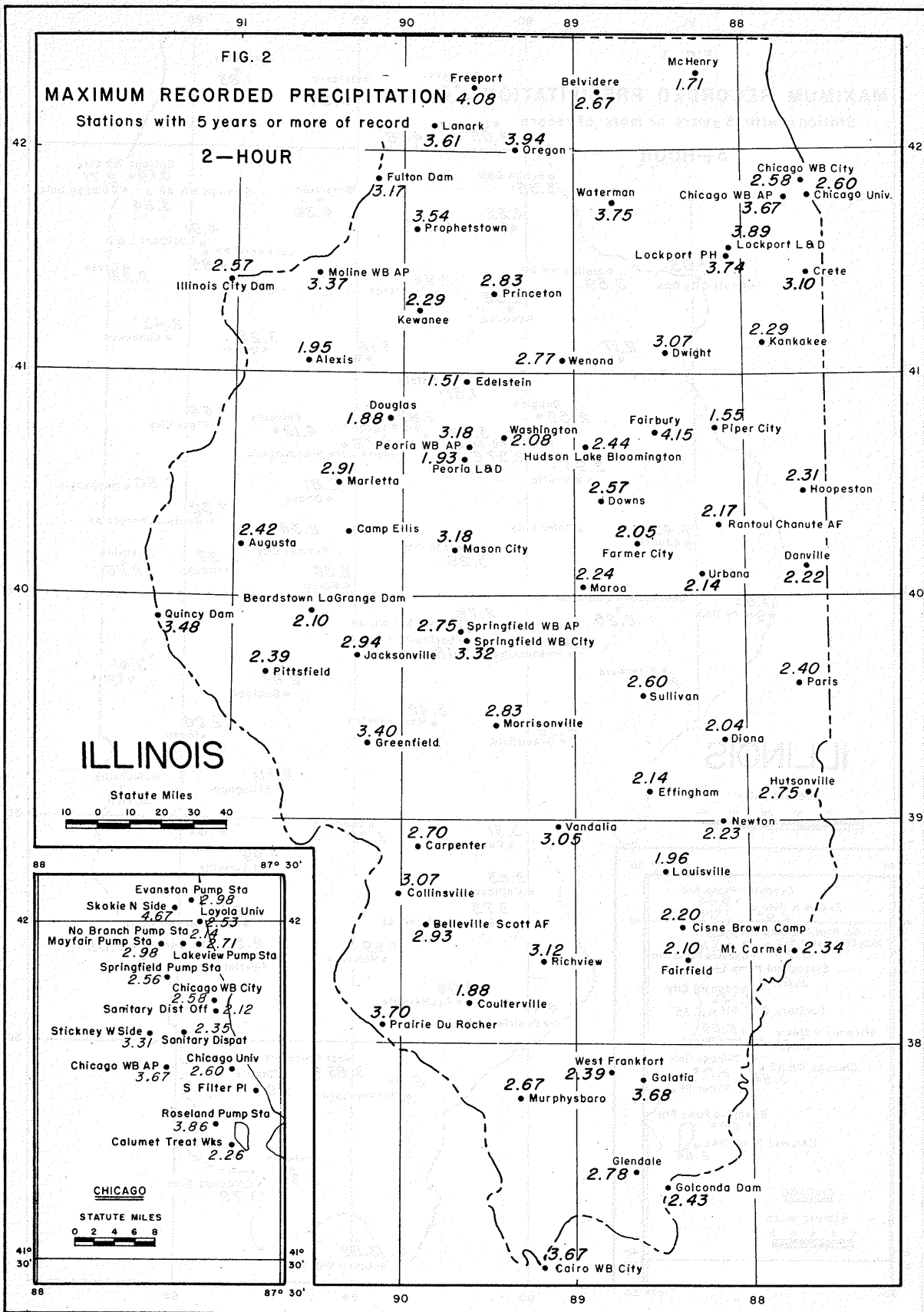
Table 2. - Maximum precipitation amounts for Illinois

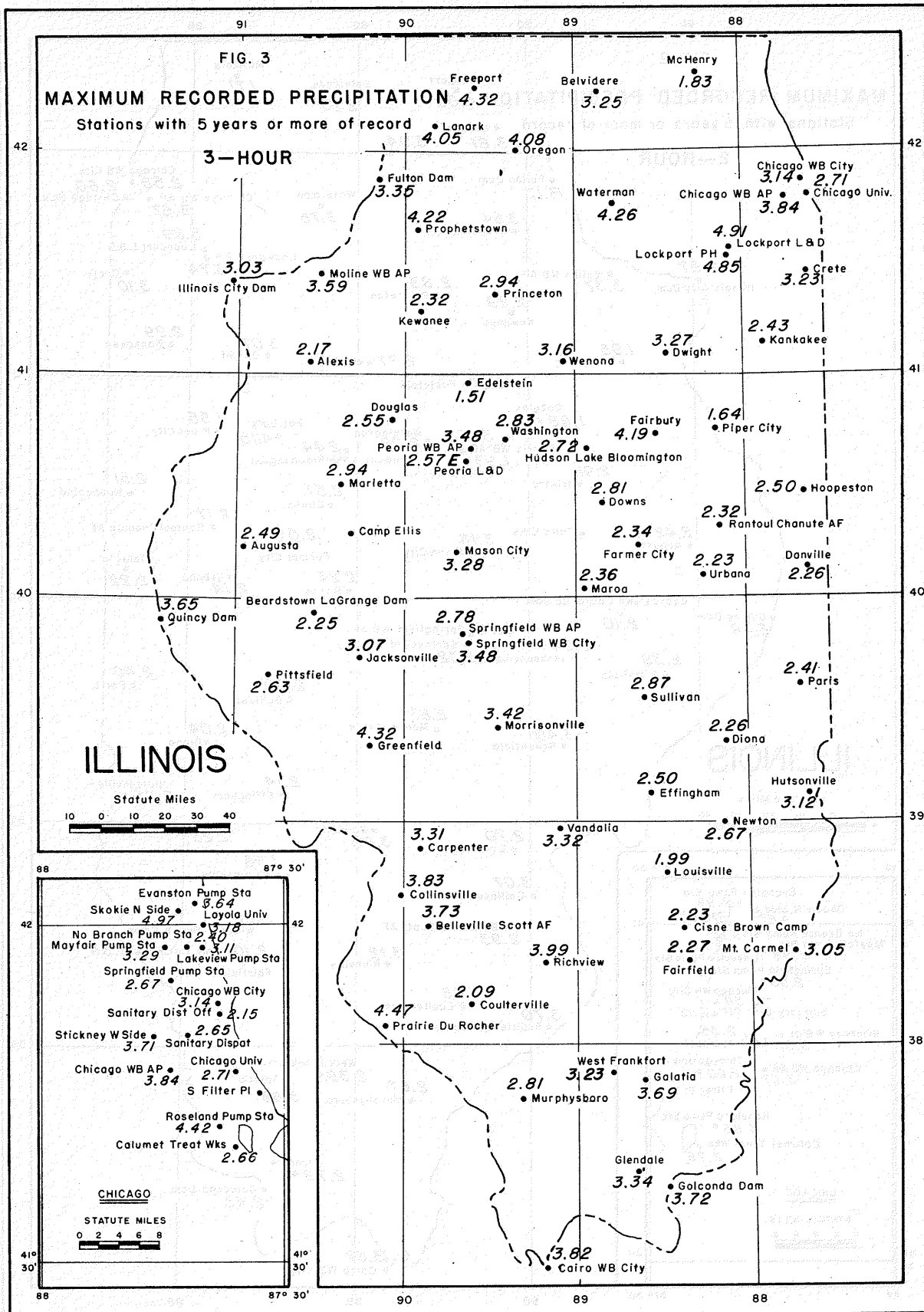
Duration (hours)	Amount	Location	Date
1	3.25	Roseland Pump Station (Chicago)	7/6/43
2	4.67	Skokis, N. Side	7/6/43
3	4.97	Skokie, N. Side	7/6/43
6	5.92	Collinsville	7/8-9/42
12	8.35	Belleville, Scott AFB	8/15-16/46
24	11.47E	Richview	8/15-16/46

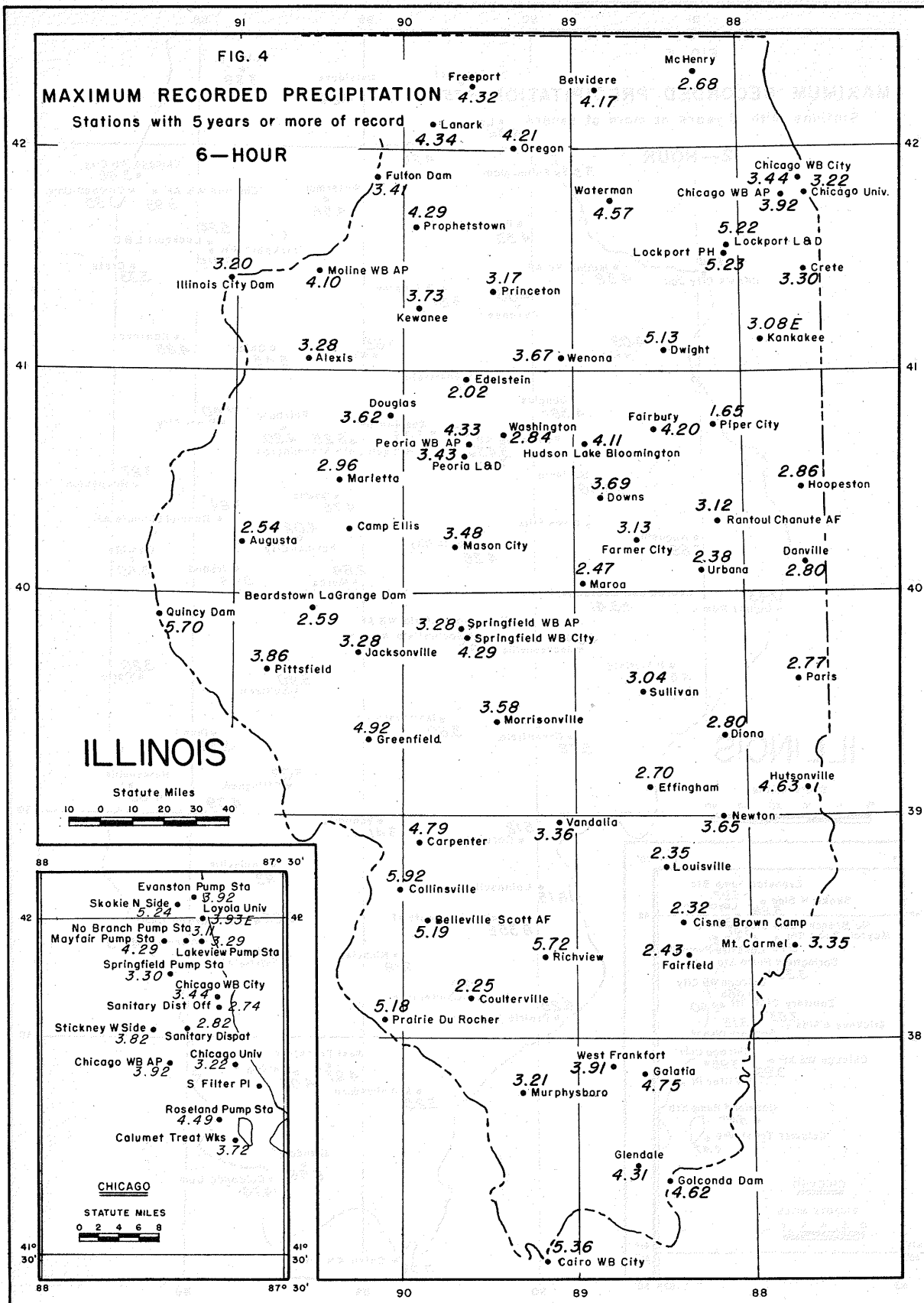
Table 3. - Monthly distribution of maximum precipitation amounts for Illinois

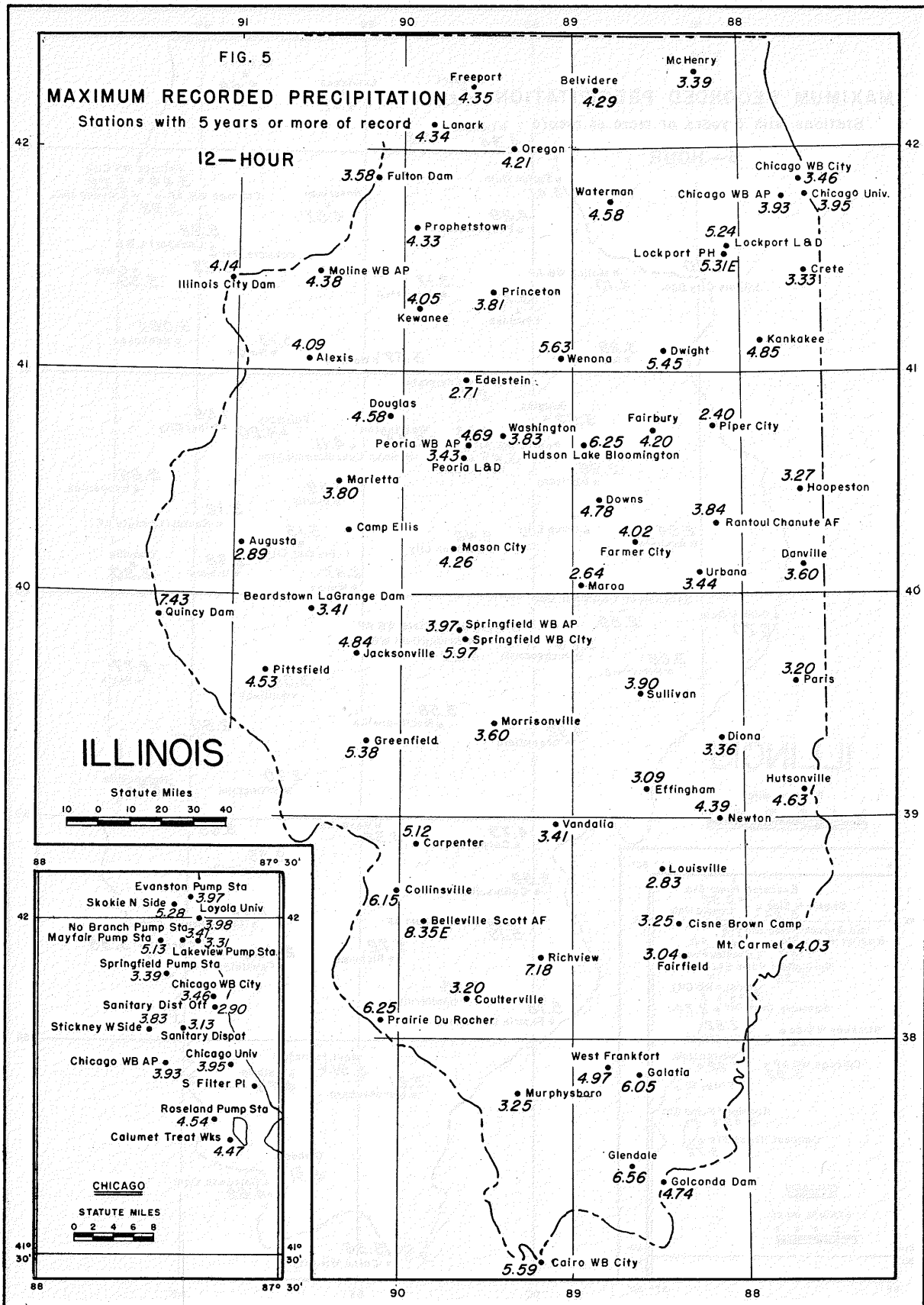
Duration	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	0	1	2	6	16	28	23	6	3	0	0
2	0	0	1	2	4	21	25	24	7	1	0	0
3	0	0	2	4	2	18	25	26	5	3	0	0
6	1	0	3	5	2	1	20	32	7	4	0	0
12	4	0	2	7	4	8	13	27	8	9	0	3
24	9	0	2	11	5	10	8	22	8	8	0	2

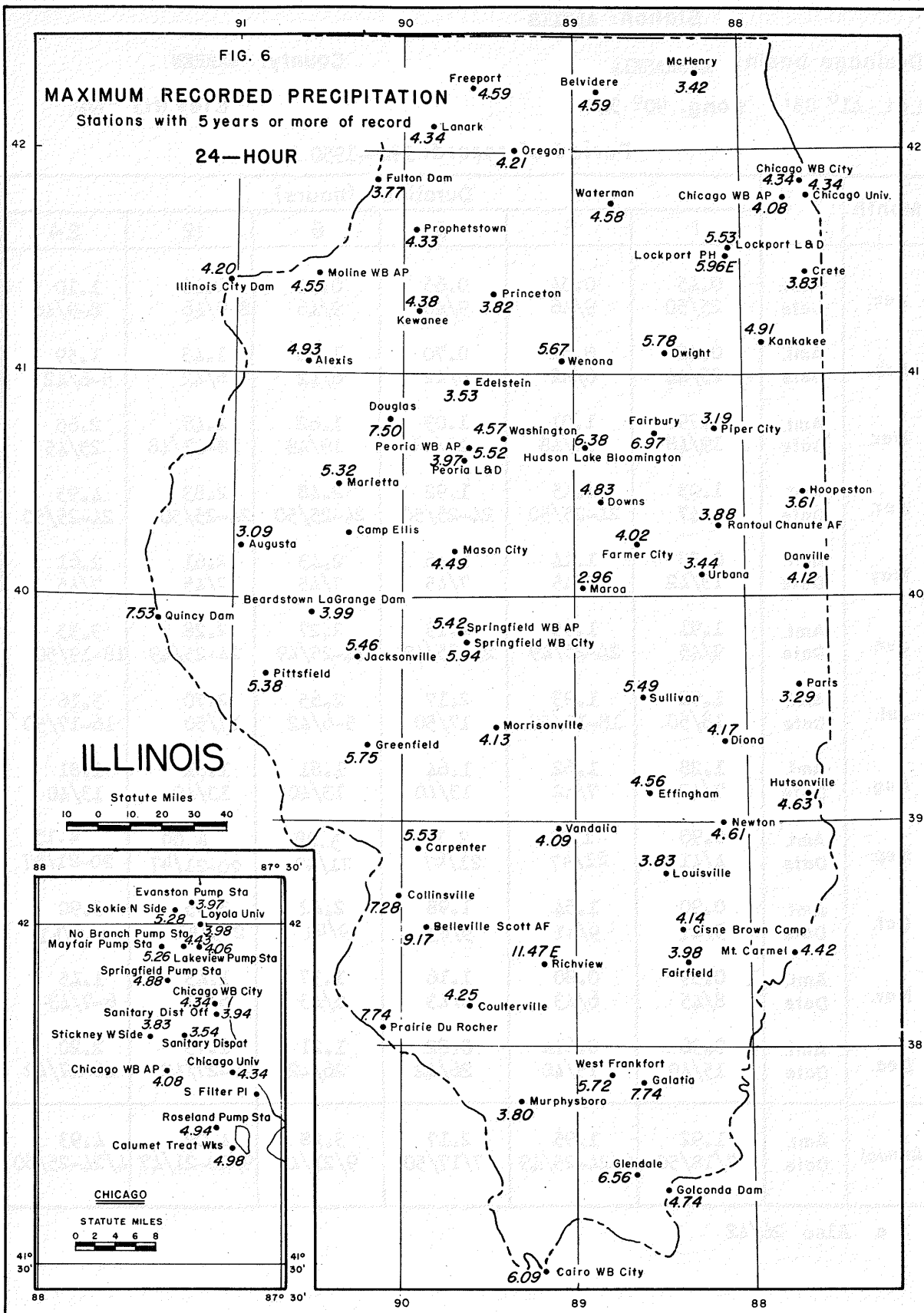












Station: ALEXIS

Drainage basin: KASKASKIA

County: WARREN

Lat. 41° 03' Long. 90° 34'

Elev.(ft.) 694

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.45 25/50	0.54 9/46	0.65 9/46	0.90 9/46	1.10 8-9/46	1.10 8-9/46
Feb.	Amt. Date	0.40 25/44	0.52 6/42	0.70 6/42	1.00 6/42	1.43 6/42	1.59 5-6/42
Mar.	Amt. Date	0.79 19/48	1.01 19/48	1.03 19/48	1.62 19/48	2.48 18-19/48	2.65 25/45
Apr.	Amt. Date	1.03 4/47	1.45 24-25/50	1.92 24-25/50	2.48 24-25/50	2.83 24-25/50	4.93 24-25/50
May	Amt. Date	0.88 13/42	1.14 7/45	1.46 7/45	2.43 7/45	2.61 7/45	2.61 7/45
Jun.	Amt. Date	1.91 9/45	1.95 24-25/49	2.13 24-25/49	2.27 24-25/49	2.28 24-25/49	3.33 18-19/50
Jul.	Amt. Date	1.92 18/50	1.93 18-19/50	2.17 17/50	2.65 5-6/42	2.70 17/50	3.16 16-17/50
Aug.	Amt. Date	1.28 7/42	1.62 7/42	1.64 13/40	1.81 13/40	1.81 13/40	1.81 13/40
Sep.	Amt. Date	0.90 4/41	1.51 21/47	2.15 21/47	3.28 21/47	4.09 20-21/47	4.15 20-21/47
Oct.	Amt. Date	0.90 9/41	1.54 9/41	1.98 9/41	2.42 9/41	3.55 2-3/41	3.90 2-3/41
Nov.	Amt. Date	0.59 8/45	0.80 6/43	1.16 6/43	1.37 6/43	1.43 6/43	1.45 6-7/43
Dec.	Amt. Date	0.36 15/40	0.61a 15/40	0.82 26/42	1.21 26/42	1.75 26-27/42	2.20 26-27/42
Annual	Amt. Date	1.92 7/18/50	1.95 6/24-25/49	2.17 7/17/50	3.28 9/21/47	4.09 9/20-21/47	4.93 4/24-25/50

a Also 26/42

U. S. WEATHER BUREAU

Station: AUGUSTA

Drainage basin: ILLINOIS

County: HANCOCK

Lat. 40° 14' Long. 90° 57'

Elev.(ft.) 680

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.46 29/47	0.85 29/47	0.92 29/47	0.98 29/47	1.15 23-24/50	1.40 31/47-1/48
Feb.	Amt. Date	0.26 ^a 4/42	0.47 5/42	0.57 4/42	0.86 4/42	1.45 4/42	1.54 4/42
Mar.	Amt. Date	0.54 19/48	0.70 ^b 14/44	0.97 14/44	1.51 14-15/44	2.08 14-15/44	2.55 19-20/45
Apr.	Amt. Date	0.72 21/44	1.10 21/44	1.14 21-22/44	1.34 6-7/48	1.91 10/44	2.19 10-11/44
May	Amt. Date	0.87 14/45	1.39 20/43	1.48 20/43	1.60 20/43	1.60 20/43	1.98 14-15/45
Jun.	Amt. Date	1.94 13/50	2.25 13/50	2.37 13/50	2.50 13-14/50	2.89 13-14/50	3.09 13-14/50
Jul.	Amt. Date	2.30 25/48	2.42 25/48	2.49 25/48	2.54 25/48	2.65 25/48	2.73 25-26/48
Aug.	Amt. Date	1.18 31/47	1.33 8/50	1.68 8/50	2.07 8/50	2.40 8/50	2.81 25-26/44
Sep.	Amt. Date	1.28 28/45	1.90 28/45	2.20 28/45	2.41 28/45	2.83 20-21/47	2.90 20-21/47
Oct.	Amt. Date	0.98 4/44	1.34 4/44	1.90 4/44	2.05 4-5/44	2.05 4-5/44	2.18 4-5/44
Nov.	Amt. Date	0.92 8/44	1.32 8/44	1.50 8/44	1.70 8-9/44	1.70 8-9/44	1.70 8-9/44
Dec.	Amt. Date	0.49 12/46	0.75 12/46	1.00 12/46	1.26 12/46	1.83 21/49	2.06 20-21/49
Annual	Amt. Date	2.30 7/25/48	2.42 7/25/48	2.49 7/25/48	2.54 7/25/48	2.89 6/13-14/50	3.09 6/13-14/50

^a Also 13/49

^b Also 19/48

U. S. WEATHER BUREAU

Station: BEARDSTOWN-LA GRANGE DAM

Drainage basin: ILLINOIS

County: BROWN

Lat. 39° 56' Long. 90° 32'

Elev.(ft.) 434

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.65 25/50	0.69 25/50	0.70 25/50	0.86 1/41	1.11 31/40-1/41	1.49 1/41
Feb.	Amt. Date	0.25 21/44	0.41 21/44	0.46 21/44	0.56E 4/42	0.99E 4/42	1.85E 4-5/42
Mar.	Amt. Date	0.66 16/42	1.01 16/42	1.10 16/42	1.12 16/42	1.69 14-15/44	1.99 20-21/45
Apr.	Amt. Date	1.02 8/46	1.39 8/46	1.40 8/46	2.12 10/44	2.69 10/44	3.11 10-11/44
May	Amt. Date	0.61 1/48	0.97 7/43	1.21 7/43	1.82 7-8/43	2.00 7-8/43	2.29 17-18/43
Jun.	Amt. Date	1.78 24/43	2.00 24/43	2.05 24/43	2.28 29/43	2.28 29/43	2.63 17-18/46
Jul.	Amt. Date	1.87 8/42	2.10 25/48	2.25 25/48	2.30 25/48	2.30 25/48	2.30 25/48
Aug.	Amt. Date	0.96 30/50	1.21 19/49	1.26 19/49	1.96 30/50	2.00 30/50	2.17 25-26/44
Sep.	Amt. Date	1.44 2/41	1.49 2/41	1.65 11/50	2.29 11/50	2.30 11/50	3.02 13-14/45
Oct.	Amt. Date	0.92 4/41	1.30 17/46	1.76 17/46	2.59 17/46	3.41 17/46	3.99 17/46
Nov.	Amt. Date	0.65 3/46	1.21 3/46	1.63 3/46	1.84 2-3/46	2.74 2-3/46	2.47 2-3/46
Dec.	Amt. Date	0.72 20/49	1.07 20/49	1.30 20/49	1.45 20/49	2.39 26-27/42	3.89 20-21/49
Annual	Amt. Date	1.87 7/8/42	2.10 7/25/48	2.25 7/25/48	2.59 10/17/46	3.41 10/17/46	3.99 10/17/46

U. S. WEATHER BUREAU

Station: BELLEVILLE, SCOTT AFB

Drainage basin: KASKASKIA

County: ST. CLAIR

Lat. 38° 32' Long. 89° 51'

Elev.(ft.) 444

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.66 29/47	0.96 29/47	1.11 29/47	1.38 18/49	1.92 18/49	2.41 31/47-1/48
Feb.	Amt. Date	0.67 14/49	0.95 14/49	1.18 14/49	1.54 14/49	1.71 14/49	2.05 12-13/46
Mar.	Amt. Date	0.97 29/45	1.07 26/48	1.17 26/48	1.29 25/45	1.82 25/45	2.36 25/45
Apr.	Amt. Date	0.81 12/45	1.01 12-13/45	1.20 12-13/45	1.65E 30/46	2.18E 30/46	3.25E 30-1/46
May	Amt. Date	1.12 1/44	1.39 1/44	1.56 1/44	1.87 20/47	2.28 20-21/47	3.25E 30-1/46
Jun.	Amt. Date	2.00 27/43	2.00 27/43	2.00 27/43	2.22 27/43	2.47 27/43	2.57 25-26/42
Jul.	Amt. Date	1.63 20/48	2.51 25/48	2.82 25/48	4.47 8-9/42	4.85 8-9/42	4.93 8-9/42
Aug.	Amt. Date	2.10 15/46	2.93 15/46	3.73 14-15/46	5.19 15-16/46	8.35E 15-16/46	9.17 15-16/46
Sep.	Amt. Date	1.15 1/41	2.09 1/41	2.64 1/41	2.83 1/41	2.85 1/41	2.85 1/41
Oct.	Amt. Date	1.23 11/49	1.26 21/45	1.56 30/42	2.28 29-30/42	2.78 29-30/42	2.81 29-30/42
Nov.	Amt. Date	0.60 17/42	1.00 9/46	1.23 7/50	1.37 9/46	2.44 7/50	2.45 7/50
Dec.	Amt. Date	0.73 27/42	1.01 27/42	1.23 27/42	1.82 27/42	2.12 26-27/42	2.52 20-21/49
Annual	Amt. Date	2.10 8/15/46	2.93 8/15/46	3.73 8/14-15/46	5.19 8/15-16/46	8.35E 8/15-16/46	9.17 8/15-16/46

U. S. WEATHER BUREAU

Station: BELVIDERE

Drainage basin: ROCK

County: BOONE

Lat. 42° 16' Long. 88° 52'

Elev.(ft.) 778

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 29/47	0.49 29/47	0.67 29/47	0.94 29/47	1.70 29/47	1.86 29-30/47
Feb.	Amt. Date	0.23 27/48	0.44 27/48	0.59 27/48	0.92 27/48	1.18 27/48	1.41 27-28/48
Mar.	Amt. Date	0.38 19/48	0.58 19/48	0.73 19/48	1.10 19/48	2.05 18-19/48	2.07 18-19/48
Apr.	Amt. Date	0.55 23/50	0.85 23/50	1.00 23/50	1.33 23-24/50	1.57 23-24/50	1.73 23-24/50
May	Amt. Date	0.98 30/41	1.39 30/41	1.45 30/41	1.46 30-31/41	1.58 10/48	1.81 9-10/48
Jun.	Amt. Date	1.37 18/40	2.67 18/40	2.68 18/40	3.16 18/40	4.29 18/40	4.29 18/40
Jul.	Amt. Date	1.66 14/47	2.27 16/43	2.36 6/43	2.39 6/43	2.67 16/43	2.98 5-6/43
Aug.	Amt. Date	1.44 2/42	2.37 2/42	3.25 2/42	4.17 2/42	4.23 2/42	4.59 1-2/42
Sep.	Amt. Date	1.94 18/50	2.13 18-19/50	2.31 18-19/50	2.52 21/47	3.30 21/47	4.04 7-8/41
Oct.	Amt. Date	0.66 13/43	0.99 13/43	1.12 13/43	1.44 13/43	1.89E 30-1/45	3.78 30-1/45
Nov.	Amt. Date	0.64 6/43	1.18 6/43	1.45 6/43	1.84 6/43	1.94 6-7/43	2.02 6-7/43
Dec.	Amt. Date	0.51 26/42	0.61 26/42	0.85 26/42	1.16 26/42	1.48 26-27/42	1.97 26-27/42
Annual	Amt. Date	1.94 9/18/50	2.67 6/18/40	3.25 8/2/42	4.17 8/2/42	4.29 6/18/40	4.59 8/1-2/42

Station: CAIRO WB CITY *

Drainage basin: MISSISSIPPI

County: ALEXANDER

Lat. 37° 00' Long. 89° 10'

Elev.(ft.) 314

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.19x 24/49	2.12x 24/49	3.21w 24/49	4.69 24/49	5.59 24/49	6.09x 23-24/49
Feb.	Amt. Date	0.82x 14-15/49	0.93 12/50	1.33 12/50	2.13 12/50	3.02 13-14/49	4.75 12/50
Mar.	Amt. Date	1.38 26/49	1.78 26/49	2.03 26/49	2.27 26-27/50	2.94 26-27/50	3.37 25-26/49
Apr.	Amt. Date	1.91w 11/44	2.88w 11/44	3.00w 11/44	3.02 10-11/44	3.03 10-11/44	3.79x 10-11/44
May	Amt. Date	1.33 29/45	2.26w 7/45	2.34 7/45	2.89 24/46	4.90 24/46	5.53 24-25/46
Jun.	Amt. Date	1.54 30/46	1.64 10/50	1.67 10/50	1.89 11/45	1.97 11/45	2.04 15-16/45
Jul.	Amt. Date	0.96 22/48	1.10 4/41	1.16 4/41	1.29 ^a 3-4/41	2.17 3-4/41	2.25 3-4/41
Aug.	Amt. Date	1.20 5/46	1.36 23/42	1.96 23/42	3.04 22-23/42	3.20 22-23/42	3.20 22-23/42
Sep.	Amt. Date	0.65 5/48	1.11 5/48	1.41 13/43	2.14 24-25/45	3.17 24-25/45	3.19 24-25/45
Oct.	Amt. Date	1.73x 4/41	1.94 4/41	1.97 4/41	1.98 4/41	2.23 3-4/41	2.94 4-5/49
Nov.	Amt. Date	1.20 5/48	1.44 5/48	2.08 4-5/48	2.25 4-5/48	2.39 19-20/50	2.39 19-20/50
Dec.	Amt. Date	0.82x 28/46	1.19x 31/47-1/48	1.46 31/47-1/48	1.69 31/47-1/48	2.05 22/41	2.49 31/47-1/48
Annual	Amt. Date	1.91w 4/11/44	2.88w 4/11/44	3.00w 4/11/44	4.69 1/24/49	5.59 1/24/49	6.09x 1/23-24/49

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

^a Also 4/50

Station: CAIRO WB CITY

Drainage basin: MISSISSIPPI

County: ALEXANDER

Lat. 37° 00' Long. 89° 10'

Elev.(ft.) 314

Period of record: 1897-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.19x 24/49	2.12x 24/49	3.21w 24/49	4.69 24/49	5.59 24/49	6.09x 23-24/49
Feb.	Amt. Date	0.82x 14-15/49	1.25x 23/09	1.68 23/09	2.47 16/32	3.02 13-14/49	4.75 12/50
Mar.	Amt. Date	2.00x 13/38	3.21x 13/38	3.82w 13/38	5.36 13-14/38	5.40x 13-14/38	5.40x 13-14/38
Apr.	Amt. Date	1.91w 11/44	2.88w 11/44	3.00w 11/44	3.02 10-11/44	3.60 1/17	3.79x 10-11/44
May	Amt. Date	1.78w 25/39	2.26w 7/45	2.34 7/45	2.89 24/46	4.90 24/46	5.53 24-25/46
Jun.	Amt. Date	3.17w 28/05	3.67 28/05	3.82 28/05	4.94 13/25	5.07 13/25	5.07 13/25
Jul.	Amt. Date	2.42x 30/13	2.56x 30/13	2.56 30/13	2.97 30/01	3.32 30/01	4.56x 30-31/38
Aug.	Amt. Date	2.75x 12/35	3.64x 12/35	3.68 12/35	3.77 12-13/35	3.77 12-13/35	5.63 16-17/26
Sep.	Amt. Date	2.09x 29/27	3.33x 29/27	3.42 29/27	3.46 29/27	3.66 29-30/27	4.49x 29-30/27
Oct.	Amt. Date	1.73x 4/41	2.38x 4/10	3.34w 4/10	4.01 4/10	5.06 3-4/10	5.69x 304/10
Nov.	Amt. Date	1.41x 18/21	1.93x 18/21	2.68 18/21	3.45 18/21	4.07 17-18/21	5.00x 21-22/34
Dec.	Amt. Date	0.82x 28/46	1.19x 31/47-1/48	1.46 31/47-1/48	2.11 13/01	3.28 30/32	4.50x 29-30/32
Annual	Amt. Date	3.17w 6/28/05	3.67 6/28/05	3.82w ^a 3/13/38	5.36 3/13-14/38	5.59 1/24/49	6.09x 1/23-24/49

^a Also 6/28/05

Station: CAMP ELLIS

Drainage basin: ILLINOIS

County: FULTON

Lat. 40° 23' Long. 90° 20'

Elev.(ft.) 640

Period of record: 1948-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.34 25/50	0.45 24/50	0.55 23-24/50	0.81 23-24/50	1.25 12-13/50	1.39 12-13/50
Feb.	Amt. Date	0.18 13/49	0.35 13/49	0.89 12-13/49	0.54 12-13/49	0.57 12-13/50	0.58 12-13/50
Mar.	Amt. Date	0.47 26/49	0.71 26/49	0.76 21/49	1.15 21/49	1.27 21-22/49	1.29 21-22/49
Apr.	Amt. Date	0.23 14/49	0.38 14/49	0.45 14/49	0.58 14/49	0.70 14/49	0.74 14-15/49
May	Amt. Date	0.20 12/49	0.26 12/49	0.42 25/49	0.43 25/49	0.43 25/49	0.43 25/49
Jun.	Amt. Date	1.19 25/49	1.23 25/49	1.30 25/49	1.35 25/49	1.36 25-26/49	1.63 25-26/49
Jul.	Amt. Date	1.20 25/48	1.48 25/48	1.54 25/48	1.60 25/48	1.67 25/48	1.71 25-26/48
Aug.	Amt. Date	1.45 17/48	1.60 17/48	1.60 17/48	1.60 17/48	1.60 17/48	1.91 17-18/48
Sep.	Amt. Date	0.79 20/48	0.85 20/48	0.86 20/48	1.35 20-21/48	1.42 20-21/48	1.42 20-21/48
Oct.	Amt. Date	0.37 6/49	0.69 6/49	0.98 5-6/49	1.61 5-6/49	1.85 5-6/49	1.90 5-6/49
Nov.	Amt. Date	0.13 12/49	0.18 12/49	0.23 12/49	0.28 12/49	0.40 9/48	0.42 9/48
Dec.	Amt. Date	0.35 20/49	0.55 21/49	0.80 21/49	1.37 21/49	1.47 21/49	2.40 20-21/49
Annual	Amt. Date	1.45 8/17/48	1.60 8/17/48	1.60 8/17/48	1.61 10/5-6/49	1.85 10/5-6/49	2.40 12/20-21/49

U.S. WEATHER BUREAU

Station: CARPENTER

Drainage basin: MISSISSIPPI

County: MADISON

Lat. 38° 53' Long. 89° 54'

Elev.(ft.) 520

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.61 3/50	1.21 3/50	1.39 3/50	1.67 3/50	2.75 3/50	4.56 3-4/50
Feb.	Amt. Date	0.36 ^a 21/44	0.61 14/49	0.83 14/49	1.31 14/49	1.61 14/49	2.00 14/49
Mar.	Amt. Date	0.82 29/45	1.07 29/45	1.28 29/45	1.49 29/45	1.56 5-6/46	1.72 25/45
Apr.	Amt. Date	1.10 22/44	1.30 29/47	1.67 22/44	2.96 22/44	4.11 22/44	5.71 22-23/44
May	Amt. Date	1.17 9/49	1.70 21/49	1.83 21/49	2.19 9/49	2.78 17/43	4.35 17-18/43
Jun.	Amt. Date	1.63 21/42	2.02 16/45	2.15 16/45	2.35 26-27/49	2.38 26-27/49	2.72 16-17/45
Jul.	Amt. Date	2.25 8/42	2.70 8/42	3.31 8/42	3.80 8-9/42	4.03 8-9/42	4.56 8-9/42
Aug.	Amt. Date	1.74 4/40	2.47 4/40	3.18 14-15/46	4.79 14-15/46	5.12 14-15/46	5.53 15/46
Sep.	Amt. Date	0.82 8/48	1.30 2/41	1.40 12/49	1.80 2/41	2.48 13/45	3.40 12-13/45
Oct.	Amt. Date	0.65 5/49	1.21 5/49	1.47 5/49	2.74 31-1/46	3.62 31-1/46	5.06 31-1/46
Nov.	Amt. Date	0.78 17/42	1.08 1/46	1.55 1/46	2.74 31-1/46	3.62 31-1/46	5.06 31-1/46
Dec.	Amt. Date	0.51 27/42	0.82 27/42	1.14 27/42	1.86 27/42	2.37 26-27/42	2.50 26-27/42
Annual	Amt. Date	2.25 7/8/42	2.70 7/8/42	3.31 7/8/42	4.79 8/14-15/46	5.12 8/14-15/46	5.53 8/15/46

^a Also 13/46

U. S. WEATHER BUREAU

Station: (CHICAGO) CALUMET TREAT WKS

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 41° 40' Long. 87° 36'

Elev.(ft) 593

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.28 3/50	0.41 3/50	0.52 13/50	0.85 13/50	1.17 13/50	1.21 12-13/50
Feb.	Amt. Date	0.30 6/42	0.58 6/42	0.79 ^a 6/42	1.52 6/42	2.22 6/42	2.26 6/42
Mar.	Amt. Date	0.75 16/42	0.78 19/48	0.92 19/48	1.69 19/48	2.14 19/48	2.27 19/48
Apr.	Amt. Date	1.21 5/47	1.86 5/47	2.51 5/47	3.72 5/47	4.47 4-5/47	4.98 4-5/47
May	Amt. Date	0.77 15/49	1.27 19/49	1.51 19/49	1.81 19/49	1.88 19/49	2.27 10-11/43
Jun.	Amt. Date	1.45 12/46	2.04 12/46	2.26 12/46	2.39 12/46	2.49 12/46	2.91 2/50
Jul.	Amt. Date	1.78 6/43	2.26 6/43	2.66 6/43	2.71 6/43	2.83 6/43	2.83 6/43
Aug.	Amt. Date	0.80 9/46	1.21 17/46	1.27 17/46	1.48 13/43	1.53 13/43	1.53 13/43
Sep.	Amt. Date	0.75 24/45	1.24 24/45	1.44 24/45	1.55 24/45	2.02 24/45	2.03 24/45
Oct.	Amt. Date	1.14 6/41	1.55 6/41	1.56 6/41	1.71 6/41	2.92 6/41	3.14 6-7/41
Nov.	Amt. Date	0.51 12/45	0.60 12/45	0.69 22/42	0.85 22/42	0.99 10-11/47	1.09 6-7/41
Dec.	Amt. Date	0.46 21/49	0.83 21/49	1.15 21/49	1.68 21/49	2.42 21/49	3.12 20-21/49
Annual	Amt. Date	1.78 7/6/43	2.26 7/6/43	2.66 7/6/43	3.72 4/5/47	4.47 4/4-5/47	4.98 4/4-5/49

^a Also 13/49

U.S. WEATHER BUREAU

Station: (CHICAGO) LAKEVIEW PUMP STA.

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 41° 58' Long. 87° 40'

Elev.(ft.) 651

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 25/50	0.49 13/50	0.65 13/50	0.91 13/50	1.22 13/50	1.22 13/50
Feb.	Amt. Date	0.29 12/49	0.51 13/49	0.75 12-13/49	1.21 12-13/49	1.33 12-13/49	1.53 12-13/49
Mar.	Amt. Date	1.05 19/48	1.50 19/48	1.78 19/48	2.51 19/48	3.15 19/48	3.37 19/48
Apr.	Amt. Date	0.69 4/47	0.73 4-5/47	1.22 4-5/47	1.61 4-5/47	2.09 4-5/47	2.63 4-5/47
May	Amt. Date	1.13 31/41	1.49 31/41	1.61 31/41	1.61 31/41	1.75 31-1/42	1.99 31/41
Jun.	Amt. Date	1.41 27/48	1.98 14/49	2.23 14/49	3.00 14/49	3.27 14-15/49	4.06 14-15/49
Jul.	Amt. Date	1.96 6/43	2.71 6/43	3.11 6/43	3.29 6/43	3.31 6/43	3.65 16-17/50
Aug.	Amt. Date	1.26 15/41	1.72 14-15/41	1.75 14-15/41	2.27 26/43	2.67 26/43	2.77 25-26/43
Sep.	Amt. Date	0.92 9/49	1.24 2/42	1.39 2/42	1.72 2/42	1.76 2/42	1.85 8-9/41
Oct.	Amt. Date	1.14 2/41	1.52 8/50	1.62 8/50	2.39 2-3/41	3.03 2-3/41	3.28 2-3/41
Nov.	Amt. Date	0.50 15/50	0.57 3/46	0.81 3/46	1.29 3/46	1.77 2-3/46	1.84 2-3/46
Dec.	Amt. Date	0.50 11/49	0.63 11/49	0.71 11/49	0.72 11/49	1.06 21/49	1.42 21/49
Annual	Amt. Date	1.96 7/6/43	2.71 7/6/43	3.11 7/6/43	3.29 7/6/43	3.31 7/6/43	4.06 6/14-15/49

U. S. WEATHER BUREAU

Station: (CHICAGO) LOYOLA UNIV.

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 42° 00' Long. 87° 40'

Elev.(ft.) 592

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 27/44	0.64 13/50	0.80 13/50	1.10 13/50	1.60 13/50	1.61 13/50
Feb.	Amt. Date	0.37 26/44	0.39 26/44	0.39 26/44	0.41 26/44	0.46 25-26/44	0.47 25-26/44
Mar.	Amt. Date	1.29 19/48	1.72 19/48	1.97 19/48	2.55 19/48	3.19 19/48	3.26 19/48
Apr.	Amt. Date	0.64 4/47	0.75 4-5/47	1.19 4-5/47	1.65 4-5/47	2.20 4-5/47	2.72 4-5/47
May	Amt. Date	1.59 31/42	2.53 31/42	2.54 31/42	2.69 31-1/42	3.35 31-1/42	3.68 31-1/42
Jun.	Amt. Date	1.08 14/49	1.71 14/49	1.93 14/49	2.73 14/49	3.35 31-1/42	3.68 31-1/42
Jul.	Amt. Date	1.61 24/45	2.12E 6/43	3.18 6/43	3.93E 6/43	3.98 6/43	3.98 6/43
Aug.	Amt. Date	1.39 5/45	1.45 5/45	1.51 30/41	1.55 30/41	2.01 25-26/43	2.17 25-26/43
Sep.	Amt. Date	1.24 2/42	2.15 2/42	2.38 2/42	2.70 2/42	2.86 21/47	2.88 21/47
Oct.	Amt. Date	0.69 8/50	1.20 8/50	1.24 8/50	2.11 8/50	2.57 2-3/41	3.03 2-3/41
Nov.	Amt. Date	0.36 3/46	0.61 3/46	0.81 3/46	1.43 3/46	2.09 3/46	2.24 2-3/46
Dec.	Amt. Date	0.32 21/49	0.62 21/49	0.75 21/49	0.99 21/49	1.33 12/46	2.07 20-21/49
Annual	Amt. Date	1.61 7/24/45	2.53 5/31/42	3.18 7/6/43	3.93E 7/6/43	3.98 7/6/43	3.98 7/6/43

U.S. WEATHER BUREAU

Station: (CHICAGO) MAYFAIR PUMP STA.

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 41° 58' Long. 87° 45'

Elev.(ft.) 647

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.45 13/50	0.64 13/50	0.85 13/50	1.14 13/50	1.65 13/50	1.65 13/50
Feb.	Amt. Date	0.47 27/48	0.64 27/48	0.73 27/48	1.18 27/48	1.41 27/48	1.68 27-28/48
Mar.	Amt. Date	2.51 19/48	2.98 19/48	3.29 19/48	4.29 19/48	5.13 19/48	5.26 19/48
Apr.	Amt. Date	0.85 4/47	1.23 23/50	1.31 ^a 4-5/47	2.28 24-25/50	2.60 24-25/50	2.79 24-25/50
May	Amt. Date	0.84 31/42	0.88 31/46	1.05 ^E 30-1/47	2.10 31-1/47	2.59 31-1/47	3.20 31-1/47
Jun.	Amt. Date	1.39 2/50	2.12 14/49	2.52 14/49	3.14 14-15/49	3.30 14-15/49	4.64 14-15/49
Jul.	Amt. Date	1.66 31/45	2.13 31/45	2.50 21/49	2.50 21/49	2.59 31-1/45	2.59 31-1/45
Aug.	Amt. Date	1.98 7/42	2.28 7/42	2.52 14-15/41	2.55 14-15/41	2.67 26/43	2.91 25-26/43
Sep.	Amt. Date	1.23 21/47	2.14 21/47	2.50 21/47	3.01 21/47	3.32 21/47	3.33 21/47
Oct.	Amt. Date	0.95 27/47	1.57 27/47	2.41 27/47	2.54 27/47	3.14 ^E 2-3/41	3.89 2-3/41
Nov.	Amt. Date	0.59 8/50	0.84 8/50	0.96 3/46	1.48 3/46	1.92 3/46	2.04 2-3/46
Dec.	Amt. Date	0.52 11/49	0.79 21/49	1.00 21/49	1.32 21/49	1.56 21/49	2.79 20-21/49
Annual	Amt. Date	2.51 3/19/48	2.98 3/19/48	3.29 3/19/48	4.29 3/19/48	5.13 3/19/48	5.26 3/19/48

^a Also 25/50

U. S. WEATHER BUREAU

Station: (CHICAGO) NO BRANCH PUMP STA.

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 41° 58' Long. 87° 42'

Elev.(ft) 595

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 13/50	0.61 13/50	0.77 13/50	1.08 13/50	1.53 13/50	1.57 12-13/50
Feb.	Amt. Date	0.32 26/44	0.40 27/48	0.51 6/42	0.84 6/42	1.06 6/42	1.21 27-28/48
Mar.	Amt. Date	0.95 19/48	1.56 19/48	1.82 19/48	2.36 19/48	2.92 19/48	2.99 19/48
Apr.	Amt. Date	0.79 4/47	0.86 4-5/47	1.28 4-5/47	1.74 4-5/47	2.22 4-5/47	2.63 4-5/47
May	Amt. Date	0.62 25/44	1.20 31-1/42	1.43 31-1/42	1.97 31-1/42	2.62 31-1/42	2.74 31-1/42
Jun.	Amt. Date	1.22 27/48	2.14 14/49	2.40 14/49	3.11 14/49	3.41 14-15/49	4.43 14-15/49
Jul.	Amt. Date	1.15 6/43	1.57 6/43	1.84 6/43	2.15 6/43	2.18 6/43	2.18 6/43
Aug.	Amt. Date	1.54 7/42	1.79 14-15/41	1.84 14-15/41	1.85 14-15/41	2.17 26/43	2.32 25-26/43
Sep.	Amt. Date	1.04 21/47	1.71 21/47	2.09 21/47	2.44 21/47	2.64 21/47	2.67 21/47
Oct.	Amt. Date	1.07 8/50	1.32 2/41	1.41 2/41	1.94 8/50	2.67 2-3/41	3.16 2-3/41
Nov.	Amt. Date	0.39 19/41	0.58 3/46	0.75 3/46	1.28 3/46	1.79 3/46	1.88 2-3/46
Dec.	Amt. Date	0.31 21/49	0.60 21/49	0.72 21/49	0.95 21/49	1.11 21/49	1.87 20-21/49
Annual	Amt. Date	1.54 8/7/42	2.14 6/14/49	2.40 6/14/49	3.11 6/14/49	3.41 6/14-15/49	4.43 6/14-15/49

U. S. WEATHER BUREAU

Station: (CHICAGO) ROSELAND PUMP STA

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 41° 42' Long. 87° 38'

Elev.(ft.) 659

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.46 29/47	0.64 29-30/47	0.71 13/50	1.15 13/50	1.44 13/50	1.77 18/49
Feb.	Amt. Date	0.32 28/48	0.70 13/49	0.99 13/49	1.48 6/42	1.98 6/42	2.01 6-7/42
Mar.	Amt. Date	0.67 30/49	1.21 30/49	1.30 30/49	1.62 30/49	2.05 30-31/49	2.14 13-14/44
Apr.	Amt. Date	1.21 5/47	1.86 5/47	2.53 5/47	3.67 4-5/47	4.43 4-5/47	4.94 4-5/47
May	Amt. Date	1.19 24/44	1.36 24/44	1.37 24/44	1.39 24/44	1.56 10-11/43	2.04 10-11/43
Jun.	Amt. Date	1.37 12/44	1.39 28/45	1.48 ^a 28/45	2.02 2/50	2.09 14-15/49	3.36 2/50
Jul.	Amt. Date	3.25 6/43	3.86 6/43	4.42 6/43	4.49 6/43	4.54 6/43	4.54 6/43
Aug.	Amt. Date	1.30 15/43	1.80 15/43	1.96 15/43	2.04 15-16/43	2.10 15-16/43	2.10 15-16/43
Sep.	Amt. Date	0.88 21/50	1.17 21/50	1.55 21/50	1.68 21/47	1.99 4-5/41	1.99 4-5/41
Oct.	Amt. Date	0.91 6/41	1.56 6/41	1.56 6/41	1.79 6/41	2.53 6/41	2.53 6/41
Nov.	Amt. Date	0.30 9/42	0.53 9/42	0.58 9/42	0.76 2-3/46	1.09 9/42	1.41 9-10/42
Dec.	Amt. Date	0.43 27/42	0.68 27/42	0.86 27/42	1.28 27/42	2.45 21/49	2.65 21/49
Annual	Amt. Date	3.25 7/6/43	3.86 7/6/43	4.42 7/6/43	4.49 7/6/43	4.54 7/6/43	4.94 4/4-5/47

^a Also 12/46

U. S. WEATHER BUREAU

Station: (CHICAGO) SANITARY DISPAT

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 41° 50' Long. 87° 42'

Elev.(ft.) 602

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.31 25/50	0.50 13/50	0.67 13/50	0.99 18/49	1.28 13/50	1.31 12-13/50
Feb.	Amt. Date	0.29 13/49	0.52 ^a 6/42	0.72 ^b 6/42	1.41 6/42	1.77 6/42	1.77 6/42
Mar.	Amt. Date	0.75 19/48	1.01 19/48	1.39 19/48	1.90 19/48	2.46 19/48	2.51 19/48
Apr.	Amt. Date	0.89 4/47	1.26 4-5/47	1.77 4-5/47	2.48 4-5/47	3.13 4-5/47	3.54 4-5/47
May	Amt. Date	1.00 31/42	1.03 31/42	1.40 31/42	1.43 31/42	1.65 31-1/42	1.94 31-1/47
Jun.	Amt. Date	1.10 30/46	1.52 30/46	1.77 10/45	1.87 10/45	2.16 14-15/49	3.07 14-15/49
Jul.	Amt. Date	2.20 26/50	2.35 26/50	2.65 6/43	2.82 6/43	2.84 6/43	3.54 16-17/50
Aug.	Amt. Date	1.12 ^c 9/46	1.41 9/46	1.43 9/46	1.43 9/46	1.70 26/43	1.80 25-26/43
Sep.	Amt. Date	0.91 21/47	1.40 21/47	1.52 21/47	1.84 21/47	1.93 21/47	1.93 21/47
Oct.	Amt. Date	0.41 13/41	0.61 3/41	0.80 31/41	1.07 31/41	1.73 2-3/41	1.91 26-27/47
Nov.	Amt. Date	0.44 6/45	0.67 3/46	0.85 3/46	1.34 3/46	1.83 2-3/46	1.88 2-3/46
Dec.	Amt. Date	0.42 11/49	0.72 11/49	0.92 11/49	1.08 21/49	1.43 27/42	2.03 20-21/49
Annual	Amt. Date	2.20 7/26/50	2.35 7/26/50	2.65 6/5/43	2.82 6/5/43	3.13 4/4-5/47	3.54 ^d 4/4-5/47

^a Also 13/49

^b Also 12-13/49

^c Also 4/48

^d Also 7/16-17/50

U. S. WEATHER BUREAU

Station: (CHICAGO) SANITARY DIST OFF

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 41° 59' Long. 87° 38'

Elev. (ft.) 898

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.31 13/50	0.50 13/50	0.68 13/50	1.03 13/50	1.37 13/50	1.37 13/50
Feb.	Amt. Date	0.29 13/49	0.51 ^a 27/48	0.75 12-13/49	1.18 6/42	1.52 6/42	1.52 6/42
Mar.	Amt. Date	0.86 30/49	1.32 30-31/49	1.74 30-31/49	2.03 30-31/49	2.54 30-31/49	2.55 30-31/49
Apr.	Amt. Date	0.95 4/47	1.10 4/47	1.65 4-5/47	2.31 4-5/47	2.90 4-5/47	3.46 4-5/47
May	Amt. Date	1.00 31/42	1.01 31/42	1.38 31/42	1.41 31/42	2.58 31-1/42	3.58 31-1/42
Jun.	Amt. Date	1.31 30/46	1.63 14/49	1.93 27/48	2.74 2/50	2.74 2/50	3.94 2/50
Jul.	Amt. Date	1.51 5/49	1.67 6/43	1.82 6/43	1.95 6/43	2.10 5-6/49	2.13 5-6/49
Aug.	Amt. Date	1.45 7/42	2.12 7/42	2.15 7/42	2.15 7/42	2.15 7/42	2.17 25-26/43
Sep.	Amt. Date	0.70 21/47	1.20 21/47	1.37 21/47	1.79 21/47	1.97 21/47	1.97 21/47
Oct.	Amt. Date	0.40 27/47	0.58 2/41	0.85 2/41	1.11 17/46	1.72 2-3/41	1.89 2-3/41
Nov.	Amt. Date	0.27 6/45	0.47 3/46	0.67 3/46	1.15 3/46	1.58 2-3/46	1.65 2-3/46
Dec.	Amt. Date	0.46 21/49	0.81 21/49	0.95 21/49	1.28 21/49	1.50 21/49	2.23 20-21/49
Annual	Amt. Date	1.51 7/5/49	2.21 8/7/42	2.15 8/7/42	2.74 6/2/50	2.90 4/4-5/47	3.94 6/2/50

^a Also 13/49

U. S. WEATHER BUREAU

Station: (CHICAGO) S FILTER PL

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 41°45' Long. 87°33'

Elev.(ft.) 611

Period of record: 1948-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.32 25/50	0.48 3/50	0.66 3/50	0.99 18/49	1.26 18/49	1.34 18-19/49
Feb.	Amt. Date	0.31 13/49	0.56 13/49	0.79 13/49	1.21 12-13/49	1.36 12-13/49	1.48 13-14/50
Mar.	Amt. Date	0.39 30/49	0.76 30/49	0.88 30/49	1.19 30-31/49	1.51 30-31/49	1.51 30-31/49
Apr.	Amt. Date	0.38 24/50	0.70 24/50	0.89 24/50	1.13 24-25/50	1.50 24-25/50	1.61 24-25/50
May	Amt. Date	0.40 25/50	0.57 19/49	0.70 a 19/59	0.93 19/59	1.00 19/49	1.03 19-20/49
Jun.	Amt. Date	1.33 2/50	1.76 2/50	1.94 2/50	1.98 2/50	2.07 2/50	3.29 2/50
Jul.	Amt. Date	1.15 21/48	1.35 16/50	1.54 16/50	1.76 16-17/50	1.76 16-17/50	2.43 16-17/50
Aug.	Amt. Date	0.57 30/49	0.59 30/49	0.59 30/49	0.81 30/50	0.82 30/50	0.82 30/50
Sep.	Amt. Date	0.45 21/50	0.72 8/48	0.86 21/50	0.92 8/48	1.55 8/48	1.55 8/48
Oct.	Amt. Date	0.45 10/49	0.55 5/49	0.70 5/49	0.90 7/50	1.06 7/50	1.06 7/50
Nov.	Amt. Date	0.39 16/48	0.43 5/48	0.47 5/48	0.75 5/48	0.75 5/48	1.00 5/48
Dec.	Amt. Date	0.45 21/49	0.90 21/49	1.13 21/49	1.54E 21/49	2.11 21/49	2.59E 20-21/49
Annual	Amt. Date	1.33 6/2/50	1.76 6/2/50	1.94 6/2/50	1.98 6/2/50	2.11 12/21/49	3.29 6/2/50

a Also 25/50

U.S. WEATHER BUREAU

Station: (CHICAGO) SPRINGFIELD PUMP STA.

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 41°55' Long. 87°44'

Elev.(ft.) 630

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.68 25/50	0.71 25/50	0.93 13/50	1.29 13/50	1.68 13/50	1.68 13/50
Feb.	Amt. Date	0.38 26/44	0.50 a 5/43	0.76 12-13/49	1.18 12-13/49	1.39 12-13/49	1.55 12-13/49
Mar.	Amt. Date	1.18 19/48	1.61 19/48	1.93 19/48	2.63 19/48	3.10 19/48	3.20 19/48
Apr.	Amt. Date	0.67 4/47	0.74 4/47	1.36 4-5/47	1.80 4-5/47	2.45 4-5/47	2.83 4-5/47
May	Amt. Date	1.03 31/41	1.15 31/41	1.28 31/41	1.63 31-1/47	2.20 31-1/47	2.36 31-1/47
Jun.	Amt. Date	1.47 14/49	2.56 14/49	2.67 14/49	3.30 2/50	3.39 14-15/49	4.88 2/50
Jul.	Amt. Date	1.35 31/45	1.77 21/49	1.80 21/49	1.80 b E 6/43	2.40 6/43	3.46 16-17/50
Aug.	Amt. Date	1.45 14/41	1.73 14-15/41	1.83 14-15/41	2.29 26/43	2.42 26/43	2.60 25-26/43
Sep.	Amt. Date	1.05 21/47	1.65 21/47	1.99 21/47	2.37 21/47	2.52 21/47	2.52 21/47
Oct.	Amt. Date	0.89 2/41	1.29 2/41	1.56 2/41	2.21 2-3/41	2.26 2-3/41	3.17 2-3/41
Nov.	Amt. Date	0.48 6/45	0.80 3/46	1.12 3/46	1.87 3/46	2.59 3/46	2.66 2-3/46
Dec.	Amt. Date	0.43 21/49	0.72 21/49	0.88 21/49	1.15 21/49	1.66 26-27/42	2.33 20-21/49
Annual	Amt. Date	1.47 6/14/49	2.56 6/14/49	2.67 6/14/49	3.30 6/2/50	3.39 6/14-15/49	4.88 6/2/50

a Also 12-13/49
b Also 21/49

U. S. WEATHER BUREAU

Station: CHICAGO UNIV., *

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 41° 47' Long. 87° 36'

Elev.(ft.) 594

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.50 25/50	0.58 30/47	0.83 30/47	1.08a 29-30/47	1.30 1/48	1.52 29-30/47
Feb.	Amt. Date	0.30 13/49	0.54 6/42	0.81 6/42	1.52 6/42	1.98 6/42	1.98 6/42
Mar.	Amt. Date	0.98 30/49	1.45 30/49	1.58 30-31/49	1.79 30-31/49	2.07 30-31/49	2.11 19/48
Apr.	Amt. Date	1.10 5/47	1.88 4-5/47	2.10 4-5/47	3.22 4-5/47	3.95 4-5/47	4.34 4-5/47
May	Amt. Date	1.26 31/42	1.35 31/42	1.35 31/42	1.60 7/45	1.70 7/45	2.15b 10-11/43
Jun.	Amt. Date	1.44 12/44	1.72 12/44	1.88 12/44	2.04 12/44	2.05 12/44	3.02 2/50
Jul.	Amt. Date	1.26 6/43	2.10 16/50	2.46 6/43	2.72 6/43	2.76 6/43	3.71 16-17/50
Aug.	Amt. Date	1.80 7/42	2.05 7/42	2.11 7/42	2.15 7/42	2.15 7/42	2.15 7/42
Sep.	Amt. Date	0.85 3/41	1.06 21/47	1.43 21/47	1.88 21/47	1.93 21/47	1.93 21/47
Oct.	Amt. Date	0.63 22/41	1.01 22/41	1.05 22/41	1.12 2-3/49	1.36 26-27/47	1.75 26-27/47
Nov.	Amt. Date	0.65 6/45	0.87 6/45	0.92 6/45	0.98 3/46	1.31 2-3/46	1.42 2-3/46
Dec.	Amt. Date	0.34 27/42	0.60 21/49	0.81 21/49	1.46 21/49	1.82 21/49	2.59 20-21/49
Annual	Amt. Date	1.80 8/7/42	2.10 7/16/50	2.46 7/6/43	3.22 4/4-5/47	3.95 4/4-5/47	4.34 4/4-5/47

^a Also 13/50

^b Also 31-1/47

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

U. S. WEATHER BUREAU

Station: CHICAGO UNIV

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 41°47' Long. 87°36'

Elev.(ft.) 594

Period of record: 1916-50

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.50 25/50	0.69x 18/33	0.94 18/33	1.38 18/33	2.20 20-21/16	2.52 20-21/16
Feb.	Amt. Date	0.30 13/49	0.54 6/42	0.81 6/42	1.52 6/42	1.98 6/42	1.98 6/42
Mar.	Amt. Date	0.98 30/49	1.50x 31/29	1.90 31/29	2.24 31/29	2.50 31/29	3.12 31/29
Apr.	Amt. Date	1.10 5/47	1.88 4-5/47	2.10 4-5/47	3.22 4-5/47	3.95 4-5/47	4.34 4-5/47
May	Amt. Date	1.39x 12/35	2.08x 12/35	2.31 12/35	2.66 12/35	2.67 12/35	3.00x 12-13/35
Jun.	Amt. Date	2.30x 20/28	2.60x 20/28	2.71 20/28	2.76 29/33	2.87 11-12/29	3.02 2/50
Jul.	Amt. Date	2.20w 7/21	2.20w 7/21	2.46 6/43	2.72 6/43	2.76 6/43	3.71 16-17/50
Aug.	Amt. Date	1.80 7/42	2.05 7/42	2.17 11/23	2.68 11/31	3.84 10-11/31	3.84 10-11/31
Sep.	Amt. Date	2.15x 13/36	2.30x 13/36	2.39w 13/36	2.77 17-18/27	2.92 17-18/27	2.92 17-18/27
Oct.	Amt. Date	1.87w 9/19	2.23 9-10/19	2.24 9-10/19	2.24 9-10/19	2.24 9-10/19	2.52 20-21/33
Nov.	Amt. Date	0.65 6/45	0.87 6/45	0.92 6/45	1.23 11-12/31	1.86 11-12/31	2.21 11-12/31
Dec.	Amt. Date	0.45x 19/33	0.60x 19/33	0.81 21/49	1.46 21/49	1.82 21/49	2.59 20-21/49
Annual	Amt. Date	2.30x 6/20/28	2.60x 6/20/28	2.71 6/20/28	3.22 4/4-5/47	3.95 4/4-5/47	4.34 4/4-5/47

(a) Also 21/49

U. S. WEATHER BUREAU

Station: CHICAGO WB AP

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 41°47' Long. 87°44'

Elev.(ft.) 623

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.58 25/50	0.62 25/50	0.73 13/50	1.03 13/50	1.35 13/50	1.38 12-13/50
Feb.	Amt. Date	0.34 6/42	0.63 6/42	0.89 6/42	1.74 6/42	2.13 6/42	2.13 6/42
Mar.	Amt. Date	0.95w 19/48	1.09w 19/48	1.39w 19/48	1.88 19/48	2.45 19/48	2.50 19/48
Apr.	Amt. Date	1.48w 4-5/47	1.91w 4-5/47	2.24w 4-5/47	2.91 4-5/47	3.55 4-5/47	4.08 4-5/47
May	Amt. Date	1.07 31/42	1.16w 19/49	1.39w 10/48	1.46 19/49	1.52 19/49	1.96 a 5-6/41
Jun.	Amt. Date	1.69 24/50	2.00 24/50	2.00 24/50	2.08 24/50	2.31 24/50	2.73 14-15/49
Jul.	Amt. Date	2.81w 6/43	3.67w 6/43	3.84w 6/43	3.92 6/43	3.93 6/43	3.93 6/43
Aug.	Amt. Date	1.20w 11/45	1.20w 11/45	1.20w 11/45	1.20w 11/45	1.68 26/43	1.75 25-26/43
Sep.	Amt. Date	0.85 3/41	1.17 21/47	1.33 21/47	1.61 21/47	1.67 21/47	1.67 21/47
Oct.	Amt. Date	0.75 22/41	0.89 22/41	1.15 27/47	1.22 27/47	1.67 26-27/47	2.34 26-27/47
Nov.	Amt. Date	0.52 6/45	0.68 6/45	0.82 6/45	1.29 3/46	1.74 2-3/46	1.79 2-3/46
Dec.	Amt. Date	0.59w 11/49	1.14w 11/49	1.20w 11/49	1.31 21/49	1.57 21/49	2.35 20-21/49
Annual	Amt. Date	2.81w 7/6/43	3.67w 7/6/43	3.84w 7/6/43	3.92 7/6/43	3.93 7/6/43	4.08 4/4-5/47

a Also 13-14/45

U.S. WEATHER BUREAU

Station: CHICAGO WB CITY

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 41° 53' Long. 87° 37'

Elev.(ft.) 823

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.33 30/47	0.60 29-30/47	0.87 29-30/47	1.27 29-30/47	1.44 29-30/47	1.67 29-30/47
Feb.	Amt. Date	0.33x 13/49	0.56x 13/49	0.73 12-13/49	1.16 6/42	1.46 6/42	1.98x 6/42
Mar.	Amt. Date	0.73 19/48	1.03 19/48	1.56 19/48	2.05 19/48	2.67 19/48	2.75 19/48
Apr.	Amt. Date	1.48x 4-5/47	1.91x 4-5/47	1.91x 4-5/47	2.27 4-5/47	2.96 4-5/47	4.08 4-5/47
May	Amt. Date	0.90 31/42	0.90 31/42	1.28 31/42	1.49 31-1/42	2.77 31-1/42	3.49 31-1/42
Jun.	Amt. Date	1.24 30/46	1.79 14/49	1.94 14/49	2.70 2/50	2.77 31-1/42	4.09 2/50
Jul.	Amt. Date	1.57 16/50	2.10 16/50	2.58 16/50	2.71 16-17/50	2.74 16-17/50	3.53 16-17/50
Aug.	Amt. Date	1.32 7/42	2.58 7/42	2.62 7/42	2.66 7/42	2.66 7/42	2.66 7/42
Sep.	Amt. Date	0.79 5/41	1.34 21/47	1.59 21/47	2.02 21/47	2.18 21/47	2.18 21/47
Oct.	Amt. Date	0.44 3/49	0.68 2/41	0.99 2/41	1.22 2-3/41	1.92 2-3/41	2.11 2-3/41
Nov.	Amt. Date	0.50 12/45	0.65 3/46	0.85 3/46	1.41 3/46	1.69 3/46	1.69 3/46
Dec.	Amt. Date	0.42 11/49	0.75 21/49	0.90 11/49	1.21 21/49	1.64 27/42	2.17 20-21/49
Annual	Amt. Date	1.57 7/16/50	2.58 8/7/42	2.62 8/7/42	2.71 7/16-17/50	2.96 4/4-5/47	4.09 6/2/50

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

S. WEATHER BUREAU

Station: CHICAGO WB CITY

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 41° 53' Long. 87° 37'

Elev.(ft.) 823

Period of record: 1899-1925 and 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.33 30/47	0.60 29-30/47	0.87 29-30/47	1.27 29-30/47	1.87 20-21/16	1.91 20-21/16
Feb.	Amt. Date	0.33x 13/49	0.56x 13/49	0.73 12-13/49	1.16 6/42	1.46 6/42	1.98x 6/42
Mar.	Amt. Date	0.73 19/48	1.03 19/48	1.56 19/48	2.05 19/48	2.67 19/48	2.75 19/48
Apr.	Amt. Date	1.48x 4-5/47	1.91x 4-5/47	1.91x 4-5/47	2.27 4-5/47	2.96 4-5/47	4.08 4-5/47
May	Amt. Date	1.23 11/05	1.30 11/05	1.36 11/05	1.73 11/05	2.77 31-1/42	3.49 31-1/42
Jun.	Amt. Date	1.24 30/46	1.79 14/49	1.94 14/49	2.70 2/50	2.77 31-1/42	4.09 2/50
Jul.	Amt. Date	1.62w 16/14	2.10 16/50	2.58 16/50	2.71 16-17/50	2.91 28/06	3.53 16-17/50
Aug.	Amt. Date	1.95 11/23	2.58 7/42	3.14 14/09	3.44 14/09	3.46 14/09	4.34 11-12/08
Sep.	Amt. Date	1.51 10/22	1.67 10/22	1.78 10/22	2.02 21/47	2.18 21/47	2.73 28-29/06
Oct.	Amt. Date	1.59x 5/19	1.70x 5/19	1.71 5/19	1.71 5/19	1.92 2-3/41	2.28 4-5/19
Nov.	Amt. Date	1.00 11/11	1.25 11/11	1.39 11/11	1.48 11/11	1.69 3/46	1.91 18-19/21
Dec.	Amt. Date	0.42 11/49	0.75 21/49	0.90 11/49	1.21 21/49	1.64 27/42	2.60 16-17/21
Annual	Amt. Date	1.95 8/11/23	2.58 8/7/42	3.14 8/14/09	3.44 8/14/09	3.46 8/14/09	4.34 11-12/08

U. S. WEATHER BUREAU

Station: CISNE BROWN CAMP

Drainage basin: WABASH

County: WAYNE

Lat. 38° 31' Long. 88° 24'

Elev.(ft.) 460

Period of record: 1944-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.07 3/50	1.63 3/50	1.80 3/50	2.32 3/50	3.25 3-4/50	4.14 3-4/50
Feb.	Amt. Date	0.65 14/49	1.17 14/49	1.39 14/49	1.58 14-15/49	1.73 13/46	2.65 12-13/46
Mar.	Amt. Date	0.71 19/48	1.05 26/49	1.67 26/49	1.74 26/49	2.29 5-6/45	2.98 5-6/45
Apr.	Amt. Date	0.52 29/50	0.83 29/50	1.25 29/50	1.70 29/50	1.98 29/50	2.39 28-29/50
May	Amt. Date	0.83 14/45	1.03 19/47	1.04 19/47	1.07 1/46	1.63 30-1/46	2.04 30-1/46
Jun.	Amt. Date	1.50 12/48	1.64 30/47	1.74 30/47	2.05 30/47	2.54 19/47	2.54 19/47
Jul.	Amt. Date	1.20 28/48	2.20 28/48	2.23 28/48	2.23 28/48	2.23 28/48	2.86 28/48
Aug.	Amt. Date	1.64 12/44	1.68 12/44	1.70 12/44	2.09 11/45	2.66 10-11/45	3.27 15-16/46
Sep.	Amt. Date	1.33 27/45	1.77 27/45	1.85 27/45	2.24 27/45	2.76 27/45	3.10 27/45
Oct.	Amt. Date	0.86 27/47	1.28 27/47	1.68 27/47	2.07 27/47	2.68 5-6/49	2.93 5-6/49
Nov.	Amt. Date	0.69 7/50	0.95 7/50	1.14 7/50	1.53 7/50	2.21 7-8/50	2.57 19-20/50
Dec.	Amt. Date	0.54 2/50	0.83 31/47	1.13 31/47	1.90 31/47	3.13 31/47-1/48	3.44 31/47-1/48
Annual	Amt. Date	1.64 8/12/44	2.20 7/28/48	2.23 7/28/48	2.32 1/3/50	3.25 1/3-4/50	4.14 1/3-4/50

U. S. WEATHER BUREAU

Station: COLLINSVILLE

Drainage basin: MISSISSIPPI

County: MADISON

Lat. 38° 40' Long. 89° 59'

Elev.(ft.) 500

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.99 29/47	1.17 29/47	1.33 29/47	1.47 29/47	2.22 3-4/50	3.78 3-4/50
Feb.	Amt. Date	0.39 ^a 3/43	0.69 21/45	0.81 21/45	1.01 21/45	1.87 ^E 14/49	2.34 14/49
Mar.	Amt. Date	0.58 29/45	0/80 29/45	0.91 29/45	1.16 29/45	1.38 5-6/46	2.04 25/45
Apr.	Amt. Date	0.96 22/44	1.24 22/44	1.39 22/44	1.75 22/44	3.27 22/44	5.06 22-23/44
May	Amt. Date	1.60 14/45	2.10 14/45	2.19 14/45	2.25 14/45	2.46 14/45	2.93 17-18/43
Jun.	Amt. Date	1.40 30/47	2.08 14/49	2.19 30/47	2.64 30/47	2.64 30/47	2.64 30/47
Jul.	Amt. Date	2.71 31/43	3.07 25/48	3.83 8-9/42	5.92 8-9/42	6.11 8-9/42	6.42 8-9/42
Aug.	Amt. Date	2.15 16/46	2.98 15-16/46	3.40 15-16/46	4.11 15-16/46	6.15 15-16/46	7.28 15-16/46
Sep.	Amt. Date	1.49 1/41	1.69 1/41	2.59 1/41	2.84 1/41	2.84 1/41	3.12 12-13/45
Oct.	Amt. Date	1.16 24/47	1.71 24/47	1.86 24/47	2.66 24/47	3.01 24-25/47	3.61 24-25/47
Nov.	Amt. Date	0.70 4/48	1.05 9/46	1.36 9/46	1.77 9/46	2.08 9-10/46	2.53 31-1/46
Dec.	Amt. Date	0.66 27/42	1.02 27/42	1.37 27/42	2.00 27/42	2.55 26-27/42	2.79 26-27/42
Annual	Amt. Date	2.71 7/31/43	3.07 7/25/48	3.83 7/8-9/42	5.92 7/8-9/42	6.15 8/15-16/46	7.28 8/15-16/46

a Also 21/45 and 13/46

U. S. WEATHER BUREAU

Station: COULTERVILLE

Drainage basin: MISSISSIPPI

County: RANDOLPH

Lat. 38° 11' Long. 89° 36'

Elev.(ft.) 590

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.99 3/50	1.60 3/50	1.95 23-24/49	2.15 3/50	3.20 3-4/50	4.25 3-4/50
Feb.	Amt. Date	0.74 14/49	1.35 14/49	1.60 14/49	1.82 14/49	2.57 12-13/50	3.05 12-13/50
Mar.	Amt. Date	0.98 26/48	1.01 26/48	1.18 25/45	1.74 25/45	2.53 25/45	3.10 25/45
Apr.	Amt. Date	0.97 22/44	1.14 22-23/44	1.50 22-23/44	1.59 22-23/44	2.12 22-23/44	2.25 13/45
May	Amt. Date	1.15 16/45	1.34 24/47	1.53 24/47	1.77 10/43	2.60 10-11/43	3.74 10-11/43
Jun.	Amt. Date	1.17 11/49	1.65 21/47	1.68 21/47	1.68 21/47	1.68 21/47	1.87 11-12/49
Jul.	Amt. Date	1.11 20/48	1.40 26/49	1.55 20/48	1.91 20/48	2.61 20/49	2.61 20/49
Aug.	Amt. Date	1.45 6/42	1.88 16/46	2.09 16/46	2.25 16/46	2.85 16/46	2.86 16/46
Sep.	Amt. Date	1.05 12/49	1.50 4/43	1.50 4/43	1.92 12/49	2.49 12/49	3.14 12-13/49
Oct.	Amt. Date	1.17 30/42	1.29 21/45	1.45 30/42	2.15 29-30/42	3.02 29-30/42	3.10 29-30/42
Nov.	Amt. Date	0.64 1/46	1.05 7/50	1.10 7/50	1.33 7/50	1.69 7/50	1.70 19-20/50
Dec.	Amt. Date	0.69 27/42	0.96 27/42	1.11 27/42	1.80 31/47	2.75 31/47	3.05 31-1/47
Annual	Amt. Date	1.45 8/6/42	1.88 8/16/46	2.09 8/16/46	2.25 8/16/46	3.20 1/3-4/50	4.25 1/3-4/50

U. S. WEATHER BUREAU

Station: CRETE

Drainage basin: LAKE MICHIGAN

County: WILL

Lat. 41° 27' Long. 87° 38'

Elev.(ft.) 675

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 23/50	0.72 29/47	0.87 29/47	0.97 29-30/47	1.25 18/49	1.33 29-30/47
Feb.	Amt. Date	0.39 5/43	0.66 5/43	0.87 5/43	1.02 5-6/43	1.17 5-6/43	1.27 27-28/48
Mar.	Amt. Date	0.58 30/49	1.04 14/44	1.40 14/44	1.62 14/44	2.22 14/44	3.83 14-15/44
Apr.	Amt. Date	1.05 5/47	1.48 5/47	1.90 5/47	2.48 5/47	2.75 4-5/47	3.22 4-5/47
May	Amt. Date	1.74 19/49	1.86 19/49	1.97 19/49	2.20 19/49	2.36 10/48	2.65 9-10/48
Jun.	Amt. Date	0.71 12/46	1.20 1/47	1.74 1/47	2.47 2/50	2.53 2/50	3.02 2-3/50
Jul.	Amt. Date	1.97 16/43	2.12 16/43	2.13 16/43	2.27 16/43	2.42 16/43	2.42 16/43
Aug.	Amt. Date	2.41 17/46	3.10 17/46	3.23 17/46	3.30 17/46	3.33 17/46	3.33 17/46
Sep.	Amt. Date	1.40 11/47	1.71 11/47	1.74 11/47	1.76 11/47	1.77 11/47	1.81 10-11/47
Oct.	Amt. Date	0.45 2/44	0.68 27/47	0.74 27/47	0.86 27/47	1.19 26-27/47	1.56 26-27/47
Nov.	Amt. Date	0.57 20/42	0.73 20/42	0.80 20/42	1.06 3/46	1.55 2-3/46	1.67 2-3/46
Dec.	Amt. Date	0.40 11/49	0.60 21/49	0.85 21/49	1.35 21/49	2.10 21/49	2.57 20-21/49
Annual	Amt. Date	2.41 8/17/46	3.10 8/17/46	3.23 8/17/46	3.30 8/17/46	3.33 8/17/46	3.83 3/14-15/44

U. S. WEATHER BUREAU

Station: DANVILLE,

Drainage basin: WABASH

County: VERMILION

Lat. 40° 08' Long. 87° 38'

Elev.(ft.) 602

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 29/47	0.93 3/50	1.13 3/50	1.65 18/49	2.17 18/49	3.34 3-4/50
Feb.	Amt. Date	0.48 14/49	0.72 14/49	0.93 14/49	1.32 14-15/49	1.84 14-15/49	1.94 14-15/49
Mar.	Amt. Date	0.55 19/48	0.63 26/49	0.78 25/45	1.06 26/49	1.74 26/49	1.91 26-27/49
Apr.	Amt. Date	0.46 26/45	0.64 26/45	0.76 26/45	1.11 30-1/40	1.59 30-1/40	1.85 30-1/40
May	Amt. Date	0.93 17/43	1.68 16-17/43	2.08 16-17/43	2.79 16-17/43	3.55 16-17/43	4.12 16-17/43
Jun.	Amt. Date	2.21 26/46	2.22 26/46	2.22 26/46	2.22 26/46	2.42 11-12/46	2.44 11-12/46
Jul.	Amt. Date	1.37 17/50	1.71 4/43	1.72 4/43	1.72 4/43	1.72 4/43	2.10 3-4/43
Aug.	Amt. Date	1.56 3/43	2.08 3/43	2.26 3/43	2.80 3/43	3.60 2-3/43	3.63 2-3/43
Sep.	Amt. Date	1.12 22/45	1.33 20/50	1.54 19-20/50	1.93 19-20/50	1.93 19-20/50	2.28 19-20/50
Oct.	Amt. Date	1.25 9/41	1.45 9/41	1.62 9/41	1.65 9/41	2.40 26-27/47	3.15 26-27/47
Nov.	Amt. Date	0.43 11/40	0.73 11/40	0.88 11/40	1.37 19/50	1.52 19-20/50	1.52 19-20/50
Dec.	Amt. Date	0.52 27/42	0.71 12/46	1.02 12/46	1.16 12/46	1.36 11-12/46	1.93 21-22/49
Annual	Amt. Date	2.21 6/26/46	2.22 6/26/46	2.26 8/3/43	2.80 8/3/43	3.60 8/2-3/43	4.12 5/16-17/43

U.S. WEATHER BUREAU

Station: DIONA

Drainage basin: WABASH

County: COLES

Lat. 39° 22' Long. 88° 08'

Elev.(ft.) 660

Period of record: 1944-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.66 29/47	1.16 29/47	1.36 29-30/47	1.93 18/49	2.43 18/49	3.88 3-4/50
Feb.	Amt. Date	0.42 14/49	0.73 14/49	0.98 14/49	1.25 14-15/49	1.73 14/49	2.30 13/46
Mar.	Amt. Date	0.47 26/50	0.87E 26/48	1.09E 26/48	1.50E 26/48	1.97 30-31/45	2.40 26/48
Apr.	Amt. Date	0.77 3/50	1.39 3/50	1.48 3/50	1.53 3-4/50	1.79 3-4/50	2.08 30-1/46
May	Amt. Date	0.98 20/47	1.32 20/47	1.44 20/47	1.82 20/47	2.03 20-21/47	2.10 1/46
Jun.	Amt. Date	1.48 9/45	1.78 9/45	2.26 9/45	2.51 9/45	2.54 9/45	2.55 9-10/45
Jul.	Amt. Date	1.98 23/49	2.04 23/49	2.04 2-3/50	2.80 2-3/50	3.36 2-3/50	3.36 2-3/50
Aug.	Amt. Date	1.18 5/46	1.93 5/45	2.10 5/45	2.21 5-6/45	2.39 31-1/50	3.02 31-1/50
Sep.	Amt. Date	1.11 2/47	1.43 21/47	1.77 21/47	1.94 21/47	2.39 31-1/50	3.02 31-1/50
Oct.	Amt. Date	0.90 11/49	1.10 11/49	1.33 5-6/49	1.86 5-6/49	2.42 5-6/49	4.17 11/49
Nov.	Amt. Date	0.62 8/50	0.79 8/50	0.82 9-10/46	1.24 2/48	1.52 1/46	1.93 31-1/46
Dec.	Amt. Date	0.40 31/46	0.60 31/47-1/48	0.76 31/47-1/48	1.24 31/47-1/48	1.56 31/47-1/48	1.73 31/47-1/48
Annual	Amt. Date	1.98 7/23/49	2.04 7/23/49	2.26 6/9/45	2.80 7/2-3/50	3.36 7/2-3/50	4.17 10/11/49

U.S. WEATHER BUREAU

Station: DOUGLAS

Drainage basin: ILLINOIS

County: KNOX

Lat. 40° 47' Long. 90° 05'

Elev.(ft.) 650

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.32E 29/47	0.63 29/47	0.84 29/47	0.90 23-24/50	1.26 12-13/50	1.30 12-13/50
Feb.	Amt. Date	0.42 6/42	0.65 5-6/42	0.88 6/42	1.46 5-6/42	2.20 5-6/42	2.58 5-6/42
Mar.	Amt. Date	0.95 19/48	1.05 19/48	1.29 19/48	1.96 19/48	2.19 19/48	2.29 18-19/48
Apr.	Amt. Date	1.00 21/44	1.50 24/50	1.79 22-23/44	2.18 24/50	3.38 24/50	4.03 24/50
May	Amt. Date	1.43 30/41	1.62 14/41	2.26 14/41	2.84 14/41	2.85 14/41	2.85 14/41
Jun.	Amt. Date	1.13 15/45	1.81 15/45	1.95 15/45	2.11 15-16/45	3.43 15-16/45	3.58 15/-56
Jul.	Amt. Date	1.18 5/42	1.88 17/50	2.55 17/50	3.62 17/50	4.58 17/50	7.50 16-17/50
Aug.	Amt. Date	1.32 11/45	1.47 11/45	2.18 11/45	2.30 11/45	2.30 11/45	2.37E 11/45
Sep.	Amt. Date	0.66 25/41	1.03 24-25/41	1.33 24-25/41	1.74 24-25/41	1.80 24-25/41	1.80 24-25/41
Oct.	Amt. Date	0.49 6/41	0.79 6/41	0.99 9/41	1.25 17/46	1.69 6/41	2.13 2-3/41
Nov.	Amt. Date	0.38 3/46	0.49 2/46	0.63 21/42	1.08 2-3/46	1.71 2-3/46	1.76 2-3/46
Dec.	Amt. Date	0.53 26/42	0.72 26/42	0.92 26/42	1.15 26-27/42	1.64 26-27/42	1.90 26-27/42
Annual	Amt. Date	1.43 5/30/41	1.88 7/17/50	2.55 7/17/50	3.62 7/17/50	4.58 7/17/50	7.50 7/16-17/50

U. S. WEATHER BUREAU

Station: DOWNS

Drainage basin: ILLINOIS

County: McLEAN

Lat. 40° 25' Long. 88° 51'

Elev.(ft.) 794

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.93 25/50	1.03 25/50	1.03 25/50	1.05 23/50	1.38 23-24/50	1.38 23-24/50
Feb.	Amt. Date	0.37 8/50	0.44 8/50	0.52 8/50	0.84 4/42	1.32 4/42	1.45 4/42
Mar.	Amt. Date	1.02 2/40	1.27 2/40	1.39 16/42	1.40 16/42	1.79 2/40	2.12 1-2/40
Apr.	Amt. Date	0.79 7/48	1.00 24/50	1.16 24/50	1.76 24/50	1.98 10-11/44	2.84 24-25/50
May	Amt. Date	0.89 16/43	1.00 16/43	1.10 16/43	1.32 16-17/43	1.69 16-17/43	2.08 16-17/43
Jun.	Amt. Date	1.00 20/43	1.39 11/46	1.51 9/41	1.51 9/41	2.74 11-12/46	2.81 11-12/46
Jul.	Amt. Date	1.38 29/49	1.87 29/49	2.62 29/49	3.69 29/49	3.71 29/49	3.71 29/49
Aug.	Amt. Date	2.17 3/43	2.33 3/43	2.50 3/43	3.43 3/43	4.78 2-3/43	4.83 2-3/43
Sep.	Amt. Date	2.23 19/45	2.57 19/45	2.81 19/45	2.83 19/45	3.00 19/45	3.00 19/45
Oct.	Amt. Date	1.01 26/47	1.62 26/47	1.72 17/46	2.38 17/46	3.57 4-5/41	4.09 4-5/41
Nov.	Amt. Date	0.80 9/42	1.02 9/42	1.25 9/42	1.47 9/42	1.84 9/42	2.32 9/42
Dec.	Amt. Date	0.68 26/42	0.69 26/42	0.88 21/49	1.40 21/49	2.19 21/49	2.84 20-21/49
Annual	Amt. Date	2.23 9/19/45	2.57 9/19/45	2.81 9/19/45	3.69 7/29/49	4.78 8/2-3/43	4.83 8/2-3/43

U.S. WEATHER BUREAU

Station: DWIGHT

Drainage basin: ILLINOIS

County: LIVINGSTON

Lat. 41° 06' Long. 88° 25'

Elev.(ft.) 641

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 25/50	0.73E 29/47	0.86E 29/47	1.02E 29-30/47	1.13 12-13/50	1.37 29-30/47
Feb.	Amt. Date	0.35 5/43	0.60 5/43	0.80 5/43	1.18 6/42	2.04 6/42	2.41 6/42
Mar.	Amt. Date	0.43 14/44	0.69 14/44	0.80 14/44	1.19 14-15/44	1.66 14-15/44	2.74 14-15/44
Apr.	Amt. Date	1.76 5/47	1.86 5/47	1.92 5/47	2.38 29/40	2.48 4-5/47	2.93 4-5/47
May	Amt. Date	0.93 31/41	1.14 30-31/41	1.39 14/45	1.57 14/45	1.90 14/45	2.29 10-11/43
Jun.	Amt. Date	1.87 6/42	2.05 6/42	3.01 12/46	3.13 12-13/46	3.41 12/46	3.87 12/46
Jul.	Amt. Date	2.82 6/43	2.92 6/43	2.96 6/43	2.99 6/43	2.99 6/43	3.19 16-17/50
Aug.	Amt. Date	1.80 27/42	3.07 27/42	3.27 27/42	5.13 27/42	5.45 26-27/42	5.78 26-27/42
Sep.	Amt. Date	1.11 11/47	1.90 11/47	2.69 11/47	2.73 11/47	2.73 11/47	2.91 10-11/47
Oct.	Amt. Date	0.61 26/47	0.88 6/41	1.28 6/41	1.82 6/41	2.55 6/41	2.86 6-7/41
Nov.	Amt. Date	0.58 12/45	0.68 12/45	0.73 12/45	0.90 27/45	1.16 2-3/46	1.17 2-3/46
Dec.	Amt. Date	0.66 21/49	0.91 21/49	1.09 21/49	1.49 21/49	2.07 21/49	3.31 20-21/49
Annual	Amt. Date	2.82 7/6/43	3.07 8/27/42	3.27 8/27/42	5.13 8/27/42	5.45 8/26-27/42	5.78 8/26-27/42

U. S. WEATHER BUREAU

Station: EDELSTEIN*

Drainage basin: ILLINOIS

County: PEORIA

Lat. 40 ° 58' Long. 89° 38'

Elev.(ft.) 828

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 9/46	0.55 9/46	0.67 5/46	0.99 8-9/46	1.10 8-9/46	1.43 4-5/46
Feb.	Amt. Date	0.31 5/43	0.41 27/48	0.55 12-13/49	0.75 27/48	1.12 27/48	1.19 27-28/48
Mar.	Amt. Date	0.74 19/48	1.17 19/48	1.45 19/48	2.02 19/48	2.71 18-19/48	2.78 18-19/48
Apr.	Amt. Date	0.79 29/47	1.11 29/47	1.14 29/47	1.45 23-24/50	2.08 23-24/50	3.53 23-24/50
May	Amt. Date	0.58 7/43	0.95 7/45	1.23 7/43	1.56 7/45	1.77 7/45	2.03 1-2/46
Jun.	Amt. Date	0.95 13/50	1.51 30/47	1.51 30/47	1.65 3/43	2.13 3-4/43	2.15 18-19/50
Jul.	Amt. Date	0.94 5/43	0.98 5/43	1.01 5/43	1.11 5/43	1.14 5/43	1.46 4-5/43
Aug.	Amt. Date	0.69 15/44	1.11 5/46	1.18 15-16/44	1.35 15-16/44	1.41 15-16/44	1.68 15-16/44
Sep.	Amt. Date	0.65 28/45	0.88 28/45	1.03 28/45	1.27 21/47	1.37 11-12/44	1.81 11-12/44
Oct.	Amt. Date	0.43 ^a 18/46	0.83 5-6/49	1.16 5-6/49	1.65 5-6/49	1.84 17-18/46	2.29 17-18/46
Nov.	Amt. Date	0.46 3/46	0.92 3/46	1.10 3/46	1.46 2-3/46	2.02 2-3/46	2.02 2-3/46
Dec.	Amt. Date	0.32 20/49	0.51 21/49	0.64 21/49	0.91 21/49	1.35 12/46	2.07 20-21/49
Annual	Amt. Date	0.95 6/13/50	1.51 6/30/47	1.51 6/30/47	2.02 3/19/48	2.71 3/18-19/48	3.53 4/23-24/50

*Formerly Lawn Ridge

a Also 5/49

U. S. WEATHER BUREAU

Station: EFFINGHAM

Drainage basin: WABASH

County: EFFINGHAM

Lat. 39° 09' Long. 88° 32'

Elev.(ft.) 612

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.97 29/47	1.19 29/47	1.34 29-30/47	1.76 3/50	2.84 3-4/50	4.56 3-4/50
Feb.	Amt. Date	0.62 14/49	0.85 14/49	1.05 14/49	1.32 14-15/49	2.04 12-13/50	2.41 12-13/50
Mar.	Amt. Date	0.63 17/46	1.36 26/48	1.42 26/48	1.53 30/45	2.24 30-31/45	2.73 30-31/45
Apr.	Amt. Date	1.20 3/50	1.65 3/50	1.87 3/50	1.90 3-4/50	2.21 3-4/50	4.04 30-1/46
May	Amt. Date	1.08 27/44	1.20 ^a 14/45	1.46 14/45	2.00 7/43	3.09 7/43	4.38 1-2/46
Jun.	Amt. Date	1.48 9/45	1.91 9/45	2.26 9/45	2.44 9/45	2.69 9/45	2.91 15-16/45
Jul.	Amt. Date	1.38 9/42	1.65 3/50	2.50 3/50	2.69 3/50	2.75 2-3/50	2.78 2-3/50
Aug.	Amt. Date	1.40 11/45	2.14 2/42	2.19 2/42	2.70 2-3/42	2.76 2-3/42	3.01 11-12/45
Sep.	Amt. Date	1.14 11/44	1.29 11/44	1.29 11/44	1.69 12/49	1.71 12/49	1.89 31-1/50
Oct.	Amt. Date	0.75 11/49	1.28 30/42	1.70 30/42	2.26 29-30/42	3.00 31-1/46	4.24 10-11/49
Nov.	Amt. Date	0.99 17/42	1.87 17/42	2.03 17/42	2.44 1/46	3.00 31-1/46	3.55 31-1/46
Dec.	Amt. Date	0.54 27/42	0.76 27/42	0.97 27/42	1.27 31/47	1.75 31/47-1/48	2.13 31/47-1/48
Annual	Amt. Date	1.48 6/9/45	2.14 8/2/42	2.50 7/3/50	2.70 8/2-3/42	3.09 5/7/43	4.56 1/3-4/50

^aAlso 21/49

U. S. WEATHER BUREAU

Station: EVANSTON, PUMP STA

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 42° 02' Long. 87° 41'

Elev.(ft.) 625

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 27/44	0.48 13/50	0.62 13/50	0.93 13/50	1.43 13/50	1.45 12-13/50
Feb.	Amt. Date	0.28 ^a 27/48	0.51 13/49	0.70 13/49	1.19 12-13/49	1.29 12-13/49	1.29 12-13/49
Mar.	Amt. Date	0.76 19/48	1.49 19/48	1.68 19/48	2.16 19/48	3.07 19/48	3.16 19/48
Apr.	Amt. Date	0.61 25/50	1.19 25/50	1.39 23-24/50	2.08 24-25/50	2.24 24-25/50	2.40 19-20/47
May	Amt. Date	1.15 31/42	1.63 31/42	1.63 31/42	1.69 31/42	2.53 31-1/42	3.43 31/42
Jun.	Amt. Date	1.11 ^b 10/42	1.75 10/42	2.14 14/49	2.49 14-15/49	2.85 14-15/49	3.64 14-15/49
Jul.	Amt. Date	2.10 6/43	2.98 6/43	3.64 6/43	3.92 6/43	3.97 6/43	3.97 6/43
Aug.	Amt. Date	1.64 30/41	1.89 30/41	2.05 30/41	2.18 30/41	2.18 30/41	2.18 30/41
Sep.	Amt. Date	1.11 21/47	1.62 21/47	1.91 21/47	2.41 21/47	2.76 21/47	2.77 21/47
Oct.	Amt. Date	0.64 2/41	0.96 2/41	1.28 2/41	1.95 2-3/41	2.87 2-3/41	3.25 2-3/41
Nov.	Amt. Date	0.37 9/42	0.48 ^c 9/42	0.64 3/46	1.12 3/46	1.69 3/46	1.80 2-3/46
Dec.	Amt. Date	0.34 21/49	0.60 21/49	0.73 21/49	0.94 21/49	1.34 27/42	1.87 20-21/49
Annual	Amt. Date	2.10 7/6/43	2.98 7/6/43	3.64 7/6/43	3.92 7/6/43	3.97 7/6/43	3.97 7/6/43

^aAlso 13/49

^bAlso 12/44

^cAlso 3/46

U. S. WEATHER BUREAU

Station: FAIRBURY

Drainage basin: ILLINOIS

County: LIVINGSTON

Lat. 40° 44' Long. 88° 31'

Elev.(ft.) 691

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.76 25/50	0.89 29/47	1.19 29/47	1.40 29-30/47	1.85 23-24/50	1.95 23-24/50
Feb.	Amt. Date	0.23 13/46	0.42 13/46	0.53 6/42	0.88 6/42	1.55 6/42	2.31 5-6/42
Mar.	Amt. Date	0.68 21/48	0.99 16/42	1.01 21/48	1.11 21/48	1.26 14-15/44	1.78 14-15/44
Apr.	Amt. Date	0.75 6/48	1.20 6/48	1.37 22/44	1.47 21-22/44	1.88 10-11/44	2.66 24-25/50
May	Amt. Date	0.86 25/49	1.06 7/45	1.15 7/45	1.53 11/43	1.77 7/45	2.09 10-11/41
Jun.	Amt. Date	1.35 14/49	1.86 11/41	1.93 11/41	2.23 11/41	2.48 11/41	2.90 10-11/43
Jul.	Amt. Date	2.51 9/46	2.53 9/46	2.55 9/46	2.60 9/46	2.60 9/46	4.31 9-10/46
Aug.	Amt. Date	2.45 3/43	4.15 3/43	4.19 3/43	4.20 3-4/43	4.20 3-4/43	6.97 2-3/43
Sep.	Amt. Date	1.10 21/50	1.10 21/50	1.11 28/45	1.30 21/47	1.46 13/45	1.84 12-13/45
Oct.	Amt. Date	1.39 4/41	2.09 4/41	2.34 4/41	2.99 4/41	3.68 4/41	4.09 4-5/41
Nov.	Amt. Date	0.60 9/42	0.88 9/42	0.98 9/42	1.02 9/42	1.43 9/42	1.98 9/42
Dec.	Amt. Date	0.52 21/49	0.73 21/49	0.87 21/49	1.58 21/49	2.47 21/49	3.53 20-21/49
Annual	Amt. Date	2.51 7/9/46	4.15 8/3/43	4.19 8/3/43	4.20 8/3-4/43	4.20 8/3-4/43	6.97 8/2-3/43

U. S. WEATHER BUREAU

Station: FAIRFIELD

Drainage basin: WABASH

County: WAYNE

Lat. 38° 23' Long. 88° 22'

Elev.(ft.) 451

Period of record: 1940-1944 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.17 16/41	0.29 1/42	0.40 1/42	0.55 23-24/41	0.62 1/42	0.64 23-24/41
Feb.	Amt. Date	0.30 10/40	0.42 10/40	0.50 25/44	0.72 18/40	1.02 18/40	1.31 18-19/40
Mar.	Amt. Date	0.50 26/44	0.70 26/44	0.85 26/44	0.91 26-27/44	1.06 8/42	1.48 7-8/42
Apr.	Amt. Date	0.71 22/44	1.20 22/44	1.29 22/44	1.46 19/40	2.53 22-23/44	2.82 22-23/44
May	Amt. Date	1.03 10/43	1.59 10/43	1.77 10/43	2.36 10/43	3.04 10-11/43	3.98 10-11/43
Jun.	Amt. Date	1.12 21/42	1.54 21/42	1.58 21/42	1.60 21/42	1.60 21/42	1.61 8-9/41
Jul.	Amt. Date	1.01 4/43	1.02 4-5/43	1.02 4-5/43	1.02 4-5/43	1.02 4-5/43	1.02 4-5/43
Aug.	Amt. Date	0.95 17/40	1.04 17/40	1.04 17/40	1.05 17/40	1.05 17/40	1.35 17-18/40
Sep.	Amt. Date	0.93 17/41	1.19 17/41	1.23 17/41	1.32 12-13/43	2.16 12-13/43	2.69 12-13/43
Oct.	Amt. Date	1.86 14/41	2.10 14/41	2.27 14/41	2.43 14/41	2.49 14-15/41	2.61 14-15/41
Nov.	Amt. Date	0.44 26/40	0.72 16/42	0.74 16-17/42	0.86 11/40	0.91 10-11/40	1.53E 7-8/43
Dec.	Amt. Date	0.25 22/41	0.49 22/41	0.72 22/41	1.25 22/41	1.45 22/41	1.68 22-23/41
Annual	Amt. Date	1.86 10/14/41	2.10 10/14/41	2.27 10/14/41	2.43 10/14/41	3.04 5/10-11/43	3.98 5/10-11/43

U.S. WEATHER BUREAU

Station: FARMER CITY

Drainage basin: ILLINOIS

County: DE WITT

Lat. 40° 14' Long. 88° 38'

Elev.(ft.) 732

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.63 25/50	0.93 25/50	1.05 23/50	1.45 23/50	1.60 23-24/50	1.60 23-24/50
Feb.	Amt. Date	0.36 27/48	0.58 21/44	0.73 25/44	1.18 25/44	1.44 25/44	1.68 25/44
Mar.	Amt. Date	0.64 19/48	1.22 19/48	1.43 19/48	1.48 19/48	1.57 19/48	1.65 15-16/43
Apr.	Amt. Date	1.08 24/50	1.10 24/50	1.23 10-11/44	1.86 10-11/44	2.55 10-11/44	2.80 10-11/44
May	Amt. Date	1.79 29/44	1.92 29/44	1.99 29/44	2.01 29/44	2.01 29/44	2.45 17-18/43
Jun.	Amt. Date	1.01 11/46	1.62 18/46	1.92 18/46	2.06 18/46	2.11 15-16/45	2.28 18/46
Jul.	Amt. Date	1.90 19/46	2.05 19-20/46	2.34 19-20/46	2.42 19-20/46	2.42 19-20/46	2.42 19-20/46
Aug.	Amt. Date	1.23 5/45	1.54 3/43	2.13 3/43	3.13 3/43	4.02 2-3/43	4.02 2-3/43
Sep.	Amt. Date	0.79 19/45	0.96 21/47	1.24 21/47	1.43 20-21/48	1.66 20-21/48	1.87 12-13/45
Oct.	Amt. Date	0.97 17/46	1.29 17/46	1.60 17/46	2.06 17/46	2.77 17/46	3.22 2-3/49
Nov.	Amt. Date	0.73 9/42	1.07 9/42	1.59 9/42	1.63 9/42	1.83 9/42	2.22 9/42
Dec.	Amt. Date	0.50 21/49	0.67 21/49	1.10 21/49	1.55 21/49	1.97 21/49	2.98 21/49
Annual	Amt. Date	1.90 7/19/46	2.05 7/19-20/46	2.34 7/19-20/46	3.13 8/3/43	4.02 8/2-3/43	4.02 8/2-3/43

U.S. WEATHER BUREAU

Station: FREEPORT

Drainage basin: ROCK

County: STEPHENSON

Lat. 42° 18' Long. 89° 37'

Elev.(ft.) 762

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.32 27/44	0.58 27/44	0.74 29/47	0.93 29/47	1.26 29/47	1.40 29-30/47
Feb.	Amt. Date	0.34 27/48	0.64 27/48	0.79 27/48	1.39 27/48	1.59 27/48	1.78 27-28/48
Mar.	Amt. Date	0.33 ^a 25/45	0.45 15/43	0.62 19/48	1.11 19/48	1.64 18-19/48	1.78 18-19/48
Apr.	Amt. Date	0.63 23/50	0.89 23/50	1.04 23-24/50	1.24 23-24/50	1.41 23-24/50	1.79 23-24/50
May	Amt. Date	0.79 2/44	1.10 30/50	1.30 15/44	1.57 15/44	2.06 31-1/47	2.44 31-1/47
Jun.	Amt. Date	1.68 13/50	2.09 13/50	2.26 13/50	2.77 13/50	2.85 27-28/45	2.85 27-28/45
Jul.	Amt. Date	2.08 5/47	4.08 5/47	4.32 5-6/47	4.32 5-6/47	4.35 5-6/47	4.59 5-6/47
Aug.	Amt. Date	1.65 17/46	2.13 17/46	2.49 13/43	2.89 13/43	2.91 13/43	3.74 1-2/42
Sep.	Amt. Date	2.16 21/50	2.60 21/50	3.23 2/42	3.70 2/42	3.71 2/42	3.71 2/42
Oct.	Amt. Date	0.35 6/41	0.43 31/41	0.62 31/41	0.81 31/41	1.04 21/43	1.04 21/43
Nov.	Amt. Date	0.48 15/50	0.91 15/50	1.28 15/50	1.60 2-3/46	1.67 2-3/46	1.85 2-3/44
Dec.	Amt. Date	0.74 26/42	1.04 26/42	1.24 26/42	1.71 26/42	2.43 26-27/42	2.73 26-27/42
Annual	Amt. Date	2.16 9/21/50	4.08 7/5/47	4.32 7/5-6/47	4.32 7/5-6/47	4.35 7/5-6/47	4.59 7/5-6/49

a ALSO 19/48

U.S. WEATHER BUREAU

Station: FULTON DAM

Drainage basin: MISSISSIPPI

County: WHITESIDE

Lat. 41° 54' Long. 90° 09'

Elev.(ft.) 592

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.37 9/46	0.56 9/46	0.69 27/44	0.78 27/44	1.38 29/47	1.38 29/47
Feb.	Amt. Date	0.32 8/50	0.50 8/50	0.62 27/48	1.21 27/48	1.56 27/48	1.76 27-28/48
Mar.	Amt. Date	0.39 26/48	0.49 26/49	0.54 26/49	0.98 19/48	1.56 18-19/48	1.70 18-19/48
Apr.	Amt. Date	0.63 23/50	0.95 23/50	1.15 23/50	1.26 23-24/50	1.39 23-24/50	1.92 23-24/50
May	Amt. Date	1.37 26/44	1.44 26/44	1.44 26/44	1.44 26/44	1.85 14/45	2.30 30-31/41
Jun.	Amt. Date	1.68 22/41	1.72 2-3/42	2.27 23/40	2.73 23/40	2.78 23/40	2.93 2-3/42
Jul.	Amt. Date	1.60 29/41	1.87 21/49	2.07 21/49	2.15 21/49	2.15 21/49	2.27 5-6/43
Aug.	Amt. Date	2.32 17/46	3.17 14/45	3.35 13-14/45	3.41 13-14/45	3.58 13-14/45	3.58 13-14/45
Sep.	Amt. Date	1.25 7/41	2.42 7/41	2.84 7/41	3.10 7-8/41	3.50 7-8/41	3.77 7-8/41
Oct.	Amt. Date	0.73 20/49	0.82 28/40	0.87 28/40	1.17 28/40	1.72 28-29/40	1.72 28-29/40
Nov.	Amt. Date	0.43 2/46	0.74 2-3/46	0.96 2-3/46	1.59 2-3/46	1.74 2-3/46	1.74 2-3/46
Dec.	Amt. Date	0.67 26/42	0.91 26/42	1.21 26/42	1.86 26/42	2.76 26/42	3.06 26-27/42
Annual	Amt. Date	2.32 8/17/46	3.17 8/14/45	3.35 8/13-14/45	3.41 8/13-14/45	3.58 8/13-14/45	3.77 9/7-8/41

U. S. WEATHER BUREAU

Station: GALATIA

Drainage basin: OHIO

County: SALINE

Lat. 37° 51' Long. 88° 37'

Elev.(ft.) 410

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.74 3/50	1.13 12/31-1/48	1.32 12/31-1/48	1.71 3/50	2.94 3-4/50	3.61 3-4/50
Feb.	Amt. Date	0.50 13/50	0.85 14/49	1.05E 26/45	1.84E 25-26/45	2.86E 25-26/45	3.62E 25-26/45
Mar.	Amt. Date	0.77 6/44	1.06 26/48	1.27 26/48	2.06 18-19/43	2.68 18-19/43	3.27 5-6/45
Apr.	Amt. Date	0.85 2/50	1.25 2/50	1.46 10-11/44	2.05 2-3/50	2.36 2-3/50	2.73 10-11/44
May	Amt. Date	0.90 10/43	1.13 10/43	1.28 8/50	1.96 10/43	2.52 8-9/50	2.69 8-9/50
Jun.	Amt. Date	2.08 19/42	3.68 19/42	3.69 19-20/42	3.69 19-20/42	3.69 19-20/42	3.69 19-20/42
Jul.	Amt. Date	2.01 18/41	2.50 18/41	2.74 18/41	2.75 18/41	3.01 4-5/43	3.01 4-5/43
Aug.	Amt. Date	1.24 15/50	2.10 15/46	2.68 15/46	4.75 10-11/45	6.05 10-11/45	7.74 10-11/45
Sep.	Amt. Date	0.88 27/45	0.95 27/45	1.25 23/46	1.63 23/46	2.09 12-13/43	2.40 31-1/50
Oct.	Amt. Date	1.35 20/49	1.53 14/41	1.61 14/41	1.62 14/41	2.16 30-31/41	2.83 30-31/41
Nov.	Amt. Date	0.71 5/48	1.01 5/49	1.22 4-5/48	1.56 4-5/48	1.80 23/40	2.01 1-2/48
Dec.	Amt. Date	0.60 11/49	1.13 31-1/47	1.31 31-1/47	1.61 22/41	2.63 31/47-1/48	3.00 31/47-1/48
Annual	Amt. Date	2.08 6/19/42	3.68 6/19/42	3.69 6/19-20/42	4.75 8/10-11/45	6.05 8/10-11/45	7.74 8/10-11/45

U.S. WEATHER BUREAU

Station: GLENDALE

Drainage basin: OHIO

County: POPE

Lat. 37° 26' Long. 88° 41'

Elev.(ft.) 500

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.86 1/48	1.43 31/47-1/48	1.65 31/47-1/48	1.94 3/50	3.42 3-4/50	3.90 3-4/50
Feb.	Amt. Date	0.66 8/50	1.09E 26/45	1.44E 26/45	1.90E 26/45	2.72E 26/45	3.76 12-13/50
Mar.	Amt. Date	0.92 17/45	1.22 19/43	1.62 19/43	2.89 18-19/43	3.84 18-19/43	4.46 18-19/43
Apr.	Amt. Date	1.06 11/44	1.73 11/44	1.96 10-11/44	2.70 10-11/44	3.55 8/42	4.57 8-9/42
May	Amt. Date	1.54 13/43	1.88 13/43	1.94 13/43	2.98 15-16/48	4.19 15-16/48	4.75 15-16/48
Jun.	Amt. Date	1.55 17/45	2.61 29/42	2.65 29/42	2.77 16-17/45	3.32 16-17/45	3.32 16-17/45
Jul.	Amt. Date	1.71 10/46	2.53 10/46	2.69 10/46	3.00 5/43	3.62 3-4/41	4.24 3-4/41
Aug.	Amt. Date	2.03 17/46	2.54 17-18/46	2.92 23/42	3.99 23/42	4.07 22-23/42	4.07 22-23/42
Sep.	Amt. Date	1.84 25/45	2.78 25/45	3.34 25/45	4.31 25/45	6.56 24-25/45	6.56 24-25/45
Oct.	Amt. Date	0.73 22/50	1.16 22/50	1.44 22/50	1.87 22/50	2.13 22/50	2.48a 30-31/41
Nov.	Amt. Date	0.68 27/45	1.12 26-27/45	1.26 26-27/45	1.59 11/40	1.70 10-11/40	2.12 25-26/46
Dec.	Amt. Date	0.72E 31/47	1.43 31/47-1/48	1.65 31/47-1/48	1.84 31/47-1/48	2.51 31/47-1/48	3.00 31/47-1/48
Annual	Amt. Date	2.03 8/17/46	2.78 9/25/45	3.34 9/25/45	4.31 9/25/45	6.56 9/24-25/45	6.56 9/24-25/45

a ALSO 5/49

U. S. WEATHER BUREAU

Station: GOLCONDA DAM

Drainage basin: OHIO

County: POPE

Lat. 37° 22' Long. 88° 29'

Elev.(ft.) 354

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.55 24/49	0.87 3/50	1.24 31/47-1/48	1.85 24/48	2.82 3-4/50	3.57 3-4/50
Feb.	Amt. Date	0.58 13/50	0.97 13/46	1.22 13/46	1.91 12-13/50	2.47 12-13/50	3.71 12-13/50
Mar.	Amt. Date	1.00 26/49	1.37 26/49	1.80 27/50	2.72 26-27/50	3.68 26-27/50	3.73 26-27/50
Apr.	Amt. Date	1.10 11/44	1.97 11/44	2.12 11/44	2.43 10-11/44	2.46 10-11/44	3.39 8-9/42
May	Amt. Date	1.90 13/43	1.96 13/43	2.35 15-16/48	3.60 15-16/48	4.05 15-16/48	4.34 15-16/48
Jun.	Amt. Date	1.02 27/49	1.56 27/49	1.56 27/49	1.82 27/49	2.05 26-27/49	2.27 26-27/49
Jul.	Amt. Date	1.25 25/45	1.85 5/43	2.77 5/43	3.05 5/43	3.06 5/43	3.08 5/43
Aug.	Amt. Date	1.44 23/42	2.43 23/42	3.72 23/42	4.62 23/42	4.74 22-23/42	4.74 22-23/42
Sep.	Amt. Date	1.19 27/44	1.47 24-25/45	1.75 24-25/45	2.13 25/45	3.02 24-25/45	3.11 24-25/45
Oct.	Amt. Date	0.57 27/47	0.97 22/50	1.13 27/47	1.46 31-1/40	1.68 30-31/41	2.37 26-27/47
Nov.	Amt. Date	0.67 20/50	1.10 20/50	1.19 20/50	1.78 19-20/50	2.03 19-20/50	2.19 25-26/46
Dec.	Amt. Date	0.58 28/46	0.85 28/46	1.24 31/47-1/48	1.48 31/47-1/48	1.87 22/41	2.18 22-23/41
Annual	Amt. Date	1.90 5/13/43	2.43 8/23/42	3.72 8/23/42	4.62 8/23/42	4.74 8/22-23/42	4.74 8/22-23/42

U. S. WEATHER BUREAU

Station: GREENFIELD*

Drainage basin: ILLINOIS

County: GREENE

Lat. 39° 20' Long. 90° 12'

Elev.(ft.) 556

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.53 29/47	0.63 3/50	0.80 3/50	1.22 3/50	1.52 3/50	2.20 3-4/50
Feb.	Amt. Date	0.30 3/43	0.51 21/45	0.67 21/45	0.91E 25/44	1.31 14/49	1.37 14-15/49
Mar.	Amt. Date	0.90 19/48	0.90 19/48	0.90 19/48	1.11 21/48	1.48 21/48	1.51 21/48
Apr.	Amt. Date	0.80 2/45	1.23 2/45	1.78 2/45	2.39 2/45	2.85 1-2/45	3.20 1-2/45
May	Amt. Date	1.57 27/44	1.87 27/44	2.07 27/44	2.18 27/44	2.51 17/43	4.15 17-18/43
Jun.	Amt. Date	2.05 2/41	3.40 25-26/42	4.32 25-26/42	4.92 25-26/42	5.25 25-26/42	5.75 25-26/42
Jul.	Amt. Date	1.80 13/48	2.34 19/49	2.97 19-20/49	3.16 19-20/49	3.67 19-20/49	4.79 19-20/49
Aug.	Amt. Date	2.15 27/40	3.14 27/40	3.29 27/40	4.54 27/40	5.38 15-16/46	5.40 15-16/46
Sep.	Amt. Date	1.19 11/50	1.37 11/50	1.58 24/41	2.30 24-25/41	2.44 24-25/41	2.60 12-13/45
Oct.	Amt. Date	1.15 31/43	1.77 29-30/42	2.13 29-30/42	2.58 29-30/42	2.95 29-30/42	3.14 29-30/42
Nov.	Amt. Date	0.95 2/46	1.37 2/46	1.62 2/46	2.14 2/46	2.19 2-3/46	2.88 21-22/42
Dec.	Amt. Date	0.71 26/42	1.13 26/42	1.44 26/42	2.05 26-27/42	2.42 26-27/42	2.42 26-27/42
Annual	Amt. Date	2.15 8/27/40	3.40 6/25-26/42	4.32 6/25-26/42	4.92 6/25-26/42	5.38 8/15-16/46	5.75 6/25-26/42

*Formerly Rockbridge

U.S. WEATHER BUREAU

Station: HOOPESTON

Drainage basin: WABASH

County: VERMILION

Lat. 40° 28' Long. 87° 40'

Elev.(ft.) 717

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.45 25/50	0.77 25/50	0.86 29/47	1.30 18/49	1.84 18/49	1.90 18/49
Feb.	Amt. Date	0.37 14/49	0.55 14/49	0.72 14/49	1.26 14/49	1.63 14/49	1.65 14-15/49
Mar.	Amt. Date	0.70 15/43	1.16 15/43	1.26 15/43	1.46 15/43	1.87 15-16/43	2.54 15-16/43
Apr.	Amt. Date	0.55 7/48	1.00 ^a 11/44	1.31 11/44	1.79 10-11/44	2.04 10-11/44	2.37 10-11/44
May	Amt. Date	0.67 30/44	1.17 23/43	1.33 23/43	1.47 14/45	1.56 14/45	1.78 23-24/43
Jun.	Amt. Date	1.64 6/42	2.31 18/46	2.44 18/46	2.72 18/46	2.76 18/46	2.88 18/46
Jul.	Amt. Date	1.59 23/41	1.83 23-24/41	1.88 23-24/41	1.88 23-24/41	1.89 23-24/41	2.04 23-24/41
Aug.	Amt. Date	1.44 2/47	1.74 10/50	2.50 10/50	2.86 10/50	3.00 10-11/50	3.12 2-3/43
Sep.	Amt. Date	0.87 21/50	1.38 21/47	1.69 21/47	1.82 21/47	2.60 30-1/45	3.00 30-1/45
Oct.	Amt. Date	0.98 17/46	1.57 17/46	2.12 17/46	2.52 17/46	3.27 17/46	3.61 17-18/46
Nov.	Amt. Date	0.60 6/43	1.08 9/42	1.53 9/42	1.57 9/42	1.67 9/42	2.04 9/42
Dec.	Amt. Date	0.27 27/42	0.44 27/42	0.58 27/42	0.77 27/42	1.36 21/49	2.54 21/49
Annual	Amt. Date	1.64 6/6/42	2.31 6/18/46	2.50 8/10/50	2.86 8/10/50	3.27 10/17/46	3.61 10/17-18/46

^aAlso 29/47

U. S. WEATHER BUREAU

Station: HUDSON, LAKE BLOOMINGTON

Drainage basin: ILLINOIS

County: McLEAN

Lat. 40° 40' Long. 88° 56'

Elev.(ft.) 740

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.69 29/47	0.90 29/47	1.04 29/47	1.27 29-30/47	1.30 27/49	1.30 27/49
Feb.	Amt. Date	0.37 25/44	0.49 5-6/42	0.64 5-6/42	0.93 6/42	1.71 5-6/42	2.02 5-6/42
Mar.	Amt. Date	0.73 21/48	1.04 21/48	1.25 21/48	1.38 21/48	1.57 14-15/44	1.90 14-15/44
Apr.	Amt. Date	1.26 29/47	1.44 22/44	1.73 22/44	1.92 21-22/44	2.12 21-22/44	2.25 6-7/42
May	Amt. Date	0.87 23/49	0.98 6/48	1.10 6/48	1.47 7-8/43	1.58 7-8/43	2.11 10-11/43
Jun.	Amt. Date	1.06 25/45	1.56 11/46	1.62 11/46	1.64 11/46	2.39 11-12/46	2.96 11-12/46
Jul.	Amt. Date	0.94 15/42	0.94 15/42	1.15 25/48	1.55 25/48	1.57 17/50	2.74 16-17/50
Aug.	Amt. Date	2.10 26/42	2.44 26/42	2.72 5/45	4.11 3/43	6.23 2-3/43	6.38 2-3/43
Sep.	Amt. Date	0.72 ^a 22/45	0.96 25/41	1.29 25/41	1.75 24-25/41	1.81 24-25/41	1.81 24-25/41
Oct.	Amt. Date	0.95 4/41	1.67 4/41	1.93 4/41	2.41 4/41	3.05 4-5/41	3.17 4-5/41
Nov.	Amt. Date	0.56 9/42	0.96 9/42	1.18 9/42	1.24 9/42	1.81 9/42	2.25 9/42
Dec.	Amt. Date	0.48 2/50	0.54 2/50	0.66 7/47	1.24 7/47	1.48 7/47	1.96 26-27/42
Annual	Amt. Date	2.10 8/26/42	2.44 8/26/42	2.72 8/5/45	4.11 8/3/43	6.25 8/2-3/43	6.38 8/2-3/43

a Also 19/50

Station: HUTSONVILLE

Drainage basin: WABASH

County: CRAWFORD

Lat. 39° 07' Long. 87° 40'

Elev.(ft.) 436 E

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.36 29/47	1.59 29/47	1.74 29/47	2.05 31/47-1/48	2.91 31/47-1/48	3.89 3-4/50
Feb.	Amt. Date	0.75 3/43	0.75 3/43	0.81 15/49	1.05 12-13/50	1.77 12-13/50	2.26 12-13/50
Mar.	Amt. Date	1.24 16/42	1.48 16/42	1.49 16/42	1.57 26/49	2.29 26/49	2.60 26-27/49
Apr.	Amt. Date	1.02 11/44	1.32 11/44	1.61 11/44	2.16 11/44	2.22 10-11/44	3.02 10-11/44
May	Amt. Date	1.65 10/43	1.87 10/43	2.12 10/43	2.62 10/43	3.20 10-11/43	4.16 10-11/43
Jun.	Amt. Date	1.44 19/42	1.45 19/42	1.49 26/42	1.98 26/42	2.19 25-26/42	2.19 25-26/42
Jul.	Amt. Date	1.50 25/45	1.76 25/45	1.76 25/45	1.78 25/45	1.80 25/45	1.80 25/45
Aug.	Amt. Date	1.95 25/47	2.75 25/47	3.12 25/47	4.63 25/47	4.63 25/47	4.63 25/47
Sep.	Amt. Date	1.12 7/48	1.35 14/47	1.82 14/47	2.98 31-1/50	4.42 31-1/50	4.55 31-1/50
Oct.	Amt. Date	0.94 17/46	1.17 17/46	1.25 17/46	1.38 17/46	1.94 17/46	2.25 17-18/46
Nov.	Amt. Date	0.75 17/42	1.01 17/42	1.06 17/42	1.66 7/50	2.01 7-8/50	2.02 7-8/50
Dec.	Amt. Date	0.89 2/50	1.11 2/50	1.26 2/50	2.05 31/47-1/48	2.91 31/47-1/48	3.41 31/47-1/48
Annual	Amt. Date	1.95 8/25/47	2.75 8/25/47	3.12 8/25/47	4.63 8/25/47	4.63 8/25/47	4.63 8/25/47

Station: ILLINOIS CITY DAM

Drainage basin: MISSISSIPPI

County: ROCK ISLAND

Lat. 41° 25' Long. 91° 01'

Elev.(ft.) 554

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 29/47	0.50 29/47	0.64 29/47	0.68 29/47	1.01 29/47	1.09 29/47
Feb.	Amt. Date	0.28 21/44	0.46 21/44	0.64 21/44	0.83 27/48	1.35 27/48	1.45 27-28/48
Mar.	Amt. Date	0.50a 25/45	0.63b 25/45	0.72 5/46	0.97 24-25/44	1.60 18-19/48	2.25 24-25/45
Apr.	Amt. Date	0.59 19/41	1.06 26/43	1.47 26/43	1.62 26-27/43	2.15 26-27/43	2.60 24/50
May	Amt. Date	1.11 23/44	1.17 23/44	1.25 23/44	1.25 23/44	1.57 15/43	2.08 15/43
Jun.	Amt. Date	1.45 21/43	2.57 21/43	2.59 21/43	2.59 21/43	2.59 21/43	2.86 18/50
Jul.	Amt. Date	1.50 29/49	2.26 29/49	3.03 21/48	3.20 20-21/48	3.20 20-21/48	3.43 20-21/48
Aug.	Amt. Date	1.52 14/46	2.19 14/46	2.24 14/46	2.50 14/46	2.51 14/46	2.51 14/46
Sep.	Amt. Date	0.87 20/48	1.08 20/47	1.71 20/47	2.72 20-21/47	4.14 20-21/47	4.20 20-21/47
Oct.	Amt. Date	0.55 4/41	0.98 4/41	1.00 4/41	1.23 20-21/43	1.44 6-7/48	1.59 6-7/48
Nov.	Amt. Date	0.59 2/46	0.79 2/46	0.95 2/46	1.44 2-3/46	1.63 2-3/46	1.72 2-3/46
Dec.	Amt. Date	0.55 26/42	0.97 26/42	1.47 26/42	2.38 26/42	2.78 26/42	2.97 26-27/42
Annual	Amt. Date	1.52 8/14/46	2.57 6/21/43	3.03 7/21/48	3.20 7/20-21/48	4.14 9/20-21/47	4.20 9/20-21/47

a Also 16/46
b Also 5/46

Station: JACKSONVILLE

Drainage basin: ILLINOIS

County: MORGAN

Lat. 39° 44' Long. 90° 14'

Elev.(ft.) 575

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.34 3/50	0.49 3/50	0.58 3/50	0.73a 27/49	1.04 27/49	1.15 31/47-1/48
Feb.	Amt. Date	0.49 21/44	0.55 21/44	0.68 21/44	0.74 4/42	1.31 4/42	1.73 4/42
Mar.	Amt. Date	0.72 21/48	1.02 21/48	1.20 21/48	1.42 21/48	1.53 21/48	1.53 21/48
Apr.	Amt. Date	0.65 17/41	0.78b 10/44	1.14 10/44	1.64 10-11/44	2.08 10-11/44	2.45 10-11/44
May	Amt. Date	1.10 17/43	1.24 15/43	1.45E 17/43	1.97E 17-18/43	2.54 17-18/43	3.16 17-18/43
Jun.	Amt. Date	1.14 23/49	1.40 18/46	1.80 18/46	2.27 18/46	2.27 18/46	2.89 21/48
Jul.	Amt. Date	2.47 25/48	2.94 25/48	3.07 25/48	3.28 25/48	3.30 25/48	3.30 25-26/48
Aug.	Amt. Date	1.25 14/49	1.45 5/46	1.64 5/46	1.83 5/46	1.83 5/46	2.05 25-26/44
Sep.	Amt. Date	1.20 4/41	1.30 4/41	1.63 24/41	2.39 24-25/41	2.56 24-25/41	2.56 24-25/41
Oct.	Amt. Date	1.30 21/49	1.57 4/41	1.98 4/41	3.02 4/41	4.84 4/41	5.46 4-5/41
Nov.	Amt. Date	0.60 12/45	0.77 9/42	0.92 1/46	1.58 31-1/46	2.20 31-1/46	2.40 31-1/46
Dec.	Amt. Date	1.02 26/42	1.45 26/42	1.63 26/42	1.91 26-27/42	2.43 26-27/42	2.50 26-27/42
Annual	Amt. Date	2.47 7/25/48	2.94 7/25/48	3.07 7/25/48	3.28 7/25/48	4.84 10/4/41	5.46 10/4-5/41

a Also 3/50
b Also 2/45

U. S. WEATHER BUREAU

Station: KANKAKEE

Drainage basin: ILLINOIS

County: KANKAKEE

Lat. 41° 07' Long. 87° 52'

Elev.(ft.) 631

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.46 29/47	0.69 29/47	0.78 29/47	1.02 29-30/47	1.28 18/49	1.42 18-19/49
Feb.	Amt. Date	0.30 5/43	0.56 5/43	0.67 5/43	1.05 6/42	1.88 6/42	3.53 6/42
Mar.	Amt. Date	0.33 15/43	0.51 14/46	0.62 14/46	0.97 15/43	1.22 15/43	1.60 14-15/44
Apr.	Amt. Date	0.56 2/45	0.81 26/43	1.27 11/44	1.78 10-11/44	2.18 10-11/44	2.57 10-11/44
May	Amt. Date	1.53 27/44	1.55 27/44	1.55 27/44	1.55 27/44	1.55 27/44	1.94 10-11/43
Jun.	Amt. Date	1.04 7/47	1.19 7/47	1.29 7/47	1.35 7/47	1.38 7/47	2.28 7/47
Jul.	Amt. Date	0.98 ^a 16/43	1.55 23/41	1.72 23/41	1.94 23/41	1.94 23/41	2.61 21-22/49
Aug.	Amt. Date	1.87 7/42	2.29 7/42	2.34 7/42	3.08 ^E 26-27/42	4.85 26-27/42	4.91 26-27/42
Sep.	Amt. Date	0.86 19/50	1.12 19/50	1.28 19/50	1.28 19/50	1.44 24/45	1.46 21/47
Oct.	Amt. Date	2.21 26/47	2.22 26/47	2.43 4/41	2.81 4/41	3.26 4-5/41	3.36 4-5/41
Nov.	Amt. Date	0.57 19/41	0.69 19/41	0.74 19/41	0.89 9/42	1.17 9/42	1.42 9-10/42
Dec.	Amt. Date	0.41 15/48	0.77 15/48	1.01 12/46	1.51 12/46	2.37 21/49	3.12 21/49
Annual	Amt. Date	2.21 10/26/47	2.29 8/7/42	2.43 10/4/41	3.08 ^E 8/26-27/42	4.85 8/26-27/42	4.91 8/26-27/42

^a Also 26/44

U. S. WEATHER BUREAU

Station: KEWANEE

Drainage basin: ILLINOIS

County: HENRY

Lat. 41° 14' Long. 89° 55'

Elev.(ft.) 853

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.39 29/47	0.62 9/46	0.69 9/46	0.89 ^E 9/46	1.22 ^E 8-9/46	1.30 8-9/46
Feb.	Amt. Date	0.33 ^E 6/42	0.65 ^E 6/42	0.89 ^E 6/42	1.43 ^E 6/42	2.14 ^E 6/42	2.35 6/42
Mar.	Amt. Date	0.56 19/48	0.73 19/48	0.94 19/48	1.59 19/48	1.97 19/48	2.00 18-19/48
Apr.	Amt. Date	1.26 26/43	1.51 26/43	2.32 26-27/43	2.82 26-27/43	3.40 26-27/43	3.40 26-27/43
May	Amt. Date	0.74 21/41	1.67 13/42	1.73 13/42	2.08 14/41	2.09 14/41	2.09 14/41
Jun.	Amt. Date	1.44 13/50	1.52 13/50	1.69 13/50	1.80 13/50	1.80 13/50	2.40 28-29/41
Jul.	Amt. Date	1.45 ^a 23/41	2.29 23/41	2.30 23/41	3.73 23/41	3.73 23/41	3.73 23/41
Aug.	Amt. Date	1.50 11/49	1.70 11/49	1.98 28/42	2.14 28/42	2.82 11/49	3.12 11/49
Sep.	Amt. Date	1.14 4/41	1.62 4/41	1.77 21/47	2.57 21/47	3.04 20-21/47	3.07 20-21/47
Oct.	Amt. Date	1.59 6/41	1.76 6/41	2.04 2-3/41	3.23 2-3/41	4.05 2-3/41	4.38 2-3/41
Nov.	Amt. Date	0.50 7/46	0.88 7/46	0.93 6-7/46	1.08 6-7/46	1.35 2-3/46	1.35 2-3/46
Dec.	Amt. Date	0.57 26/42	0.85 26/42	0.99 26/42	1.57 26-27/42	1.97 ^E 26-27/42	2.12 ^E 26-27/42
Annual	Amt. Date	1.59 10/6/41	2.29 7/23/41	2.32 4/26-27/43	3.73 7/23/41	4.05 10/2-3/41	4.38 10/2-3/41

^a Also 15/42

U. S. WEATHER BUREAU

Station: LANARK

Drainage basin: MISSISSIPPI

County: CARROLL

Lat. 42° 06' Long. 89° 50'

Elev.(ft.) 883

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 27/44	0.60 29/47	0.85 29/47	1.10 29/47	2.00 29/47	2.17 29-30/47
Feb.	Amt. Date	0.38 27/48	0.64 27/48	0.85 27/48	1.43 27/48	1.80 27/48	1.93 27-28/48
Mar.	Amt. Date	0.32 ^a 19/48	0.48 30-31/49	0.56 19/48	0.82 19/48	1.52 18-19/48	1.60 18-19/48
Apr.	Amt. Date	0.54 23/50	0.60 7/43	0.74 12-13/45	0.98 6-7/43	1.50 23-24/50	1.64 23-24/50
May	Amt. Date	0.97 15/41	1.26 31/41	1.32 30/41	1.50 13-14/45	2.85 31-1/47	3.47 31-1/47
Jun.	Amt. Date	1.23 13/49	2.22 23/40	2.90 23/40	3.24 23/40	3.32 22-23/40	3.47 31-1/47
Jul.	Amt. Date	1.24 23/41	1.57 23/41	1.59 23/41	1.90 22-23/41	1.91 22-23/41	2.08 22-23/41
Aug.	Amt. Date	1.36 2/43	2.19 17/46	2.63 17/46	3.02 17/46	3.07 17/46	3.08 17/46
Sep.	Amt. Date	3.10 2/42	3.61 2/42	4.05 2/42	4.34 2/42	4.34 2/42	4.34 2/42
Oct.	Amt. Date	0.92 22/41	1.29 22/41	1.35 22/41	1.50 22/41	1.57 22/41	1.63 22/41
Nov.	Amt. Date	0.37 2/46	0.72 2/46	1.03 2-3/46	1.59 2-3/46	1.72 2-3/46	1.72 2-3/46
Dec.	Amt. Date	0.70 26/42	1.40 26/42	1.71 26/42	2.13 26/42	2.61 26/42	2.89 26-27/42
Annual	Amt. Date	3.10 9/2/42	3.61 9/2/42	4.05 9/2/42	4.34 9/2/42	4.34 9/2/42	4.34 9/2/42

^a Also 30/49

U. S. WEATHER BUREAU

Station: LOCKPORT LOCK and DAM

Drainage basin: ILLINOIS

County: WILL

Lat. 41° 34' Long. 88° 05'

Elev.(ft.) 585

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 1/48	0.60 1/48	0.72 29-30/47	0.86 29-30/47	1.00 18/49	1.15 29-30/47
Feb.	Amt. Date	0.29 27/48	0.51 6/42	0.70 6/42	1.29 6/42	1.53 6/42	1.58 6/42
Mar.	Amt. Date	0.71 19/48	1.22 30/49	1.27 30/49	2.11 19/48	2.55 19/48	2.62 19/48
Apr.	Amt. Date	1.45 4/47	1.83 5/47	2.91 4-5/47	3.90 4-5/47	4.60 4-5/47	5.05 4-5/47
May	Amt. Date	1.37 19/49	1.57 19/49	1.74 19/49	2.15 19/49	2.22 19/49	2.37 10-11/43
Jun.	Amt. Date	0.91 24/50	1.51 3-4/43	1.56 3-4/43	1.74 1/47	2.32 1/47	2.35 1/47
Jul.	Amt. Date	2.20 28/45	2.32 28/45	2.32 28/45	2.32 28/45	2.32 28/45	3.82 16-17/50
Aug.	Amt. Date	1.17 11/45	2.07 31/42	2.10 31/42	2.80 17/46	2.87 17/46	2.92 26-27/42
Sep.	Amt. Date	2.77 7/42	3.89 7/42	4.91 7/42	5.22 7-8/42	5.24 7-8/42	5.53 7-8/42
Oct.	Amt. Date	0.85 6/41	1.36 6/41	1.38 6/41	1.51 6/41	2.52 6/41	3.11 6-7/41
Nov.	Amt. Date	0.61 3/46	0.96 3/46	1.25 3/46	1.78 3/46	2.10 2-3/46	2.14 2-3/46
Dec.	Amt. Date	0.73 11/49	0.85 11/49	0.87 11/49	1.16 21/49	1.70 27/42	2.35 20-21/49
Annual	Amt. Date	2.77 9/7/42	3.89 9/7/42	4.91 9/7/42	5.22 9/7-8/42	5.24 9/7-8/42	5.53 9/7-8/42

U. S. WEATHER BUREAU

Station: LOCKPORT P. H.

Drainage basin: ILLINOIS

County: WILL

Lat. 41° 34' Long. 88° 05'

Elev.(ft.) 585

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.47 25/50	0.48 25/50	0.50 4/50	0.77 8-9/46	0.92 8-9/46	1.18 13/50
Feb.	Amt. Date	0.26 27/48	0.47 6/42	0.64 6/42	1.19 6/42	1.63 6/42	1.68 6/42
Mar.	Amt. Date	0.65 ^a 19/48	1.28 30/49	1.41 30/49	2.09 19/48	2.62 19/48	2.63 19/48
Apr.	Amt. Date	1.64 4/47	1.99 4-5/47	3.25 4-5/47	4.45 4-5/47	5.11 4-5/47	5.43 4-5/47
May	Amt. Date	1.50 19/49	1.66 19/49	1.84 19/49	2.19 19/49	2.27 19/49	2.27 19/49
Jun.	Amt. Date	0.89 1/47	1.45 2/50	1.60 2/50	2.09 2/50	2.64 1/47	2.75 2/50
Jul.	Amt. Date	1.98 28/45	2.17 28/45	2.26 28/45	2.27 28/45	2.31 16-17/50	3.67 16-17/50
Aug.	Amt. Date	1.55 17/46	2.49 17/46	2.65 17/46	2.92 27/42	3.06 27/42	3.09 27/42
Sep.	Amt. Date	2.63 7/42	3.74 7/42	4.85 7/42	5.23 7/42	5.31 ^E 7/42	5.96 ^E 7-8/42
Oct.	Amt. Date	0.86 6/41	1.31 6/41	1.31 6/41	1.47 6/41	2.25 ^E 6/41	2.91 6-7/41
Nov.	Amt. Date	0.65 3/46	0.98 3/46	1.24 3/46	1.70 3/46	2.01 2-3/46	2.05 2-3/46
Dec.	Amt. Date	0.61 11/49	0.73 11/49	0.83 21/49	1.12 21/49	1.43 26-27/42	2.30 30-31/49
Annual	Amt. Date	2.63 9/7/42	3.74 9/7/42	4.85 9/7/42	5.23 9/7/42	5.31 ^E 9/7/42	5.96 ^E 9/7-8/42

^a Also 30/49

U. S. WEATHER BUREAU

Station: LOUISVILLE

Drainage basin: WABASH

County: CLAY

Lat. 38° 46' Long. 88° 30'

Elev.(ft.) 480

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.02 3/50	1.25 3/50	1.40 3/50	1.88a 31/47-1/48	2.83 31/47-1/48	3.83 3-4/50
Feb.	Amt. Date	0.45 8/50	0.77 14/49	0.91 14/49	1.14 21/50	1.80 13/46	2.43 12-13/46
Mar.	Amt. Date	0.94 26/49	1.20 26/49	1.26 26/49	1.38 26/49	1.87 2/45	2.61 1-2/45
Apr.	Amt. Date	0.75 22/44	1.13 23/44	1.21 23/44	1.43 22/44	2.15 22-23/44	2.93 22-23/44
May	Amt. Date	1.31 19/43	1.48 19/43	1.80 19/43	2.31 19/43	2.71 19/43	3.80 10/43
Jun.	Amt. Date	1.43 10/41	1.96 10/41	1.99 10/41	2.35 7/45	2.60 7/45	3.78 9-10/41
Jul.	Amt. Date	1.05 9/46	1.39 9/46	1.42 9/46	1.46 9/46	1.48 9/46	1.83 18-19/48
Aug.	Amt. Date	0.83b 12/44	1.06 25/47	1.51 22-23/42	1.52 22-23/42	1.84 5/46	2.07 26-27/44
Sep.	Amt. Date	0.87 27/45	1.31 27/45	1.48 21/47	1.71 27/45	2.27 27/45	2.33 27-28/45
Oct.	Amt. Date	0.61 17/46	0.90 11/49	0.96 11/49	1.43 5/49	2.57 5-6/49	2.93 5-6/49
Nov.	Amt. Date	0.80 17/42	1.02 2/48	1.26 2/48	1.85 7/50	2.22 2/48	2.33 2/48
Dec.	Amt. Date	0.59 21/49	1.13 2/50	1.39 2/50	2.00 31/47	2.83 31/47-1/48	3.13 31/47-1/48
Annual	Amt. Date	1.43 6/10/41	1.96 6/10/41	1.99 6/10/41	2.35 6/7/45	2.83 12/31/47- 1/1/48	3.83 1/3-4/50

a Also 3/50
b Also 14/49

U. S. WEATHER BUREAU

Station: **MARIETTA**

Drainage basin: **ILLINOIS**

County: **FULTON**

Lat. **40° 30'** Long. **90° 24'**

Elev.(ft.) **546**

Period of record: **1940-1950**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.61 29/47	0.88 29/47	0.92 29/47	0.99 29/47	1.04 29-30/47	1.10 8-9/46
Feb.	Amt. Date	0.26E 6/42	0.46E 6/42	0.68E 5-6/42	0.98E 5-6/42	1.67E 5-6/42	2.25 5-6/42
Mar.	Amt. Date	0.54 24/47	0.69 14/44	0.92 14/44	1.22 14-15/44	1.67 14-15/44	2.00 14-15/44
Apr.	Amt. Date	1.02 29/47	1.39 29/47	1.53 29/47	1.63 29/43	2.20 24/50	2.31 24/50
May	Amt. Date	0.87 6/48	1.36 6/48	1.54 6/48	1.65 6/48	1.69 6/48	2.00 14-15/45
Jun.	Amt. Date	2.76 12/46	2.91 12/46	2.94 12/46	2.96 12/46	3.80 11-12/46	5.32 11-12/46
Jul.	Amt. Date	1.57 25/48	1.85 25/48	1.88 25/48	2.08 25/48	2.09 25/48	2.11 25-26/48
Aug.	Amt. Date	1.52 17/40	2.10 11/41	2.12 11/41	2.14 11/41	2.14 11/41	2.15 17-18/40
Sep.	Amt. Date	1.51 6/41	1.92 6/41	1.97 6/41	2.14 6/41	2.16 6/41	2.24 13-14/45
Oct.	Amt. Date	1.04 2/44	1.43 2/44	1.59 2/44	2.05 2/44	2.14 2/44	2.14 2/44
Nov.	Amt. Date	0.67 8/44	0.92 8/44	1.00 8/44	1.28 8/44	2.00 2-3/46	2.16E 2-3/46
Dec.	Amt. Date	0.53 26/42	0.75 26/42	0.96 26/42	1.36 26/42	2.06 26-27/42	2.68 26-27/42
Annual	Amt. Date	2.76 6/12/46	2.91 6/12/46	2.94 6/12/46	2.96 6/12/46	3.80 6/11-12/46	5.32 6/11-12/46

U. S. WEATHER BUREAU

Station: MAROA

Drainage basin: ILLINOIS

County: MACON

Lat. 40° 02' Long. 88° 57'

Elev.(ft.) 725

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.16 8/46	0.25 1/41	0.37 1/41	0.58 1/41	0.84 1/48	1.28 31/47-1/48
Feb.	Amt. Date	0.31 ^a 21/44	0.58 21/44	0.80 21/44	1.04 4/42	1.89 4/42	2.04 4/42
Mar.	Amt. Date	0.36 16/42	0.50 4/48	0.74 21/48	1.01 21/48	1.07 21/48	1.19 3-4/44
Apr.	Amt. Date	0.99 10/47	1.28 10-11/44	1.56 10-11/44	2.00 10-11/44	2.64 10-11/44	2.96 10-11/44
May	Amt. Date	0.96 17/43	1.15 17/43	1.48 16-17/43	1.73 16-17/43	2.32 16-17/43	2.81 16-17/43
Jun.	Amt. Date	1.43 9/41	1.54 25/42	1.88 25/42	2.24 25-26/42	2.55 2/41	2.63 2-3/41
Jul.	Amt. Date	1.86 19/46	2.06 7-8/42	2.36 19-20/46	2.41 19-20/46	2.44 19-20/46	2.46 19-20/46
Aug.	Amt. Date	1.94 5/45	2.24 5/45	2.27 5/45	2.47 5-6/45	2.50 5-6/45	2.50 5-6/45
Sep.	Amt. Date	1.72 4/43	2.03 4/43	2.03 4/43	2.03 4/43	2.03 4/43	2.28 25-26/42
Oct.	Amt. Date	0.67 31/41	0.82 31/41	1.08 31/41	1.63 4/41	2.41 4-5/41	2.72 4-5/41
Nov.	Amt. Date	0.74 12/45	0.96 9/42	1.13 9/42	1.20 21/42	1.55 21/42	1.95 21/42
Dec.	Amt. Date	0.29 22/41	0.56 22/41	0.69 22/41	0.93 21/49	1.43 ^E 21/49	2.63 ^E 21-22/49
Annual	Amt. Date	1.94 8/5/45	2.24 8/5/45	2.36 7/19-20/46	2.47 8/5-6/45	2.64 4/10-11/44	2.96 4/10-11/44

^a Also 27/48

U.S. WEATHER BUREAU

Station: MASON CITY

Drainage basin: ILLINOIS

County: MASON

Lat. 40° 12' Long. 89° 42'

Elev.(ft.) 581

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 29/47	0.48 29/47	0.60 27/49	0.90 13/50	1.13 12-13/50	1.35 1-2/41
Feb.	Amt. Date	0.33 21/44	0.51 21/44	0.65 6/42	0.96 6/42	1.61 4/42	1.80 4/42
Mar.	Amt. Date	0.63 16/42	1.25 16/42	0.46 16/42	1.56 16/42	1.64 16/42	1.66 16/42
Apr.	Amt. Date	0.85 29/47	1.13 2/45	1.59 2/45	2.14 2/45	2.53 1-2/45	2.75 10-11/45
May	Amt. Date	0.68a 15/43	1.15 8/44	1.28 8/44	1.80 7-8/43	1.95 7-8/43	2.16 7-8/43
Jun.	Amt. Date	1.28 6/47	1.80 6/47	2.06 6/47	2.78 6/47	3.10 5-6/47	3.58 5-6/47
Jul.	Amt. Date	2.73 25/48	3.18 25/48	3.28 25/48	3.48 25/48	3.48 25/48	3.50 25-26/48
Aug.	Amt. Date	1.10 30/44	1.55 11/45	1.58 30/44	1.62 30/44	1.71 30/44	1.71 30/44
Sep.	Amt. Date	1.62 8/42	1.84 8/42	2.01 8/42	2.25 24-25/41	2.30 24-25/41	2.30 24-25/41
Oct.	Amt. Date	1.07 17/46	1.75 17/46	2.15 17/46	3.19 17/46	4.26 17/46	4.49 17/46
Nov.	Amt. Date	0.68 9/42	1.05 9/42	1.43 9/42	1.56 9/42	2.23 9/42	2.73 9/42
Dec.	Amt. Date	0.61 26/42	1.21 26/42	1.41 26/42	1.72 26-27/42	2.10 26-27/42	3.46 20-21/49
Annual	Amt. Date	2.73 7/25/48	3.18 7/25/48	3.28 7/25/48	3.48 7/25/48	4.26 10/17/46	4.49 10/17/46

^a Also 8/44

U.S. WEATHER BUREAU

Station: Mc HENRY

Drainage basin: ILLINOIS

County: Mc HENRY

Lat. 42° 21' Long. 86° 16'

Elev.(ft.) 750

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.37 27/44	0.47 27/44	0.56 27/44	0.88 29-30/47	1.29 29-30/47	1.58 29-30/47
Feb.	Amt. Date	0.49 26/44	0.64 26/44	0.70 26/44	0.74a 25-26/44	0.92 13/50	1.13 13-14/50
Mar.	Amt. Date	1.05 16/42	1.25 16/42	1.34 16/42	1.35 16/42	1.87 19/48	2.16 15-16/42
Apr.	Amt. Date	0.52 23/44	1.02 17/45	1.22 13/45	1.68 23-24/50	2.20 23-24/50	2.28 23-24/50
May	Amt. Date	1.06 27/45	1.07 27/45	1.14 9-10/48	1.32 9-10/48	2.12 9-10/48	2.30 9-10/48
Jun.	Amt. Date	1.22 2/50	1.71 2/50	1.83 2/50	2.03 2/50	2.43 2/50	3.25 2/50
Jul.	Amt. Date	1.00 26/49	1.28 26/49	1.29 26/49	1.72 6/43	1.82 6/43	1.92 5-6/43
Aug.	Amt. Date	1.07 11/41	1.10 11/41	1.27 11/41	1.79 26/43	2.43 25-26/43	2.86 25-26/43
Sep.	Amt. Date	0.84 8/41	1.27 8/41	1.42 8/41	2.68 21/47	3.39 21/47	3.42 21/47
Oct.	Amt. Date	0.55 21/49	0.69 21/49	0.83 22/41	1.10 22/41	1.14 22-23/41	1.18 30-1/45
Nov.	Amt. Date	0.27 3/46	0.38 3/46	0.56b 9/42	0.90 3/46	1.13 9/42	1.26 9-10/42
Dec.	Amt. Date	0.37 26/42	0.53 20/49	0.67 20/49	0.73 20/49	1.14 26-27/42	1.60 26-27/42
Annual	Amt. Date	1.22 6/2/50	1.71 6/2/50	1.83 6/2/50	2.68 9/21/47	3.39 9/21/47	3.42 9/21/47

^a Also 27/48

^b Also 3/46

Station: MOLINE WB AP

Drainage basin: ROCK

County: ROCK ISLAND

Lat. 41° 27' Long. 90° 31'

Elev.(ft.) 589

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.47 9/46	0.76 29/47	0.90 29/47	1.08 29/47	1.30 29/47	1.47 29-30/47'
Feb.	Amt. Date	0.77 9/43	0.79 9/43	0.81 9-10/43	1.09 27/48	1.74 27/48	1.90 27-28/48
Mar.	Amt. Date	0.82 aw 16/46	0.90 19/48	0.98w 19/48	1.39 19/48	1.96 18-19/48	2.38 13-14/44
Apr.	Amt. Date	1.20 26/43	1.93 26/43	2.14 26-27/43	2.35 26-27/43	2.78 26-27/43	2.78 26-27/43
May	Amt. Date	1.02w 23/44	1.09w 23/44	1.10w 23/44	1.12 23/44	1.38 15/43	1.83 15/43
Jun.	Amt. Date	1.48 11/42	1.78 11/42	1.79 11/42	1.80 18/50	2.43 11/42	2.46 11-12/42
Jul.	Amt. Date	2.62w 21/48	3.37w 21/48	3.42 21/48	3.42 21/48	3.42 21/48	3.45 21/48
Aug.	Amt. Date	1.99w 11/49	3.20w 11/49	3.59w 11/49	4.10 11/49	4.34 11/49	4.44 10-11/49
Sep.	Amt. Date	1.02 11/50	1.35w 20-21/47	1.84w 20-21/47	3.15 20-21/47	4.38 20-21/47	4.55 20-21/47
Oct.	Amt. Date	1.22 22/41	1.57 22/41	1.74 22/41	2.30 20-21/43	2.38 20-21/43	2.38 20-21/43
Nov.	Amt. Date	0.40 6/44	0.69 6/43	0.93 6/43	1.26 6/43	1.40 6/43	1.46 6-7/43
Dec.	Amt. Date	0.35 20/49	0.48 20/49	0.54 15/40	0.82 15/40	1.06 12/46	1.48 28-29/48
Annual	Amt. Date	2.62w 7/21/48	3.37w 7/21/48	3.59w 8/11/49	4.10 8/11/49	4.38 9/20-21/47	4.55 9/20-21/47

a Also 19/48

Station: MORRISONVILLE

Drainage basin: ILLINOIS

County: CHRISTIAN

Lat. 39° 25' Long. 89° 27'

Elev.(ft.) 638

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.19 25/50	1.23 29/47	1.40 29/47	1.50 29-30/47	1.51a 29-30/47	2.85 3-4/50
Feb.	Amt. Date	0.36 3/43	0.56 21/45	0.75 21/45	0.95 21/45	1.26 13/46	1.77 14-15/49
Mar.	Amt. Date	0.50 21/48	0.79 21/48	0.95 21/48	1.23 5-6/46	1.35 5-6/46	1.51 15-16/43
Apr.	Amt. Date	1.19 22/44	1.83 22/44	2.06 22/44	2.61 22/44	3.50 22/44	4.13 22-23/44
May	Amt. Date	2.13 30/44	2.83 30/44	2.99 30/44	3.02 30/44	3.02 30/44	3.18 17-18/43
Jun.	Amt. Date	1.45 13/42	2.61 6/47	3.42 6/47	3.58 6/47	3.60 6/47	3.60 6/47
Jul.	Amt. Date	2.30 25/48	2.80 25/48	3.14 25/48	3.25 25/48	3.30 25-26/48	3.30 25-26/48
Aug.	Amt. Date	1.55 25/41	2.44 25/41	2.56 25-26/41	2.66 25-26/41	2.73 25-26/41	2.73 25-26/41
Sep.	Amt. Date	1.50 1/47	1.58 1/47	1.60 1/47	1.71 21/47	2.00 21/47	2.34 12-13/45
Oct.	Amt. Date	0.82 31/41	0.97 31/41	1.10 30/42	1.50 29-30/42	1.80 31-1/46	2.46 31-1/46
Nov.	Amt. Date	0.42 22/42	0.80 19/50	0.94 19/50	1.19 22/42	1.80 31-1/46	2.46 31-1/46
Dec.	Amt. Date	0.46 14/48	0.76 14/48	0.85 27/42	1.45 27/42	1.67 21/49	2.55 21/49
Annual	Amt. Date	2.30 7/25/48	2.83 5/30/44	3.42 6/6/47	3.58 6/6/47	3.60 6/6/47	4.13 4/22-23/44

a ALSO 3-4/50

Station: MT. CARMEL

Drainage basin: WABASH

County: WABASH

Lat. 38° 25' Long. 87° 46'

Elev.(ft.) 465

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.90 3/50	1.49 30/47	1.55 24/49	2.23 23-24/49	3.01 23-24/49	4.42 23-24/49
Feb.	Amt. Date	0.50 26/45	0.91 25-26/45	1.21 25-26/45	2.13 25-26/45	2.94 25-26/45	3.80 25-26/45
Mar.	Amt. Date	0.70 26/50	1.05 26/50	1.25 26-27/50	1.60 26-27/50	2.42 26-27/50	3.07 1-2/45
Apr.	Amt. Date	1.98 22/44	2.28 22/44	2.47 22/44	2.50 22/44	2.79 22-23/44	3.23 22-23/44
May	Amt. Date	0.92 15/43	1.76 15/43	1.77 15/43	1.85 10/43	2.52 [*] 10-11/43	3.18 1-2/46
Jun.	Amt. Date	1.07 19/46	1.72 1-2/47	1.73 1-2/47	1.85 1-2/47	2.42 1-2/47	2.82 1-2/47
Jul.	Amt. Date	1.53 19/46	1.69 19/46	1.70 19/46	3.02E 3-4/43	4.03 3-4/43	4.03 3-4/43
Aug.	Amt. Date	1.92 7/47	2.34 17/46	3.05 17/46	3.35 17/46	3.35 17/46	3.41E 30-31/50
Sep.	Amt. Date	1.01 9/47	1.37 26/45	1.48 26/45	1.60 26/45	1.98 24-25/45	2.49 24-25/45
Oct.	Amt. Date	1.08 9/41	1.19 27/47	1.33 27/27	1.78 27/47	1.98 27/47	2.42 26-27/47
Nov.	Amt. Date	0.65 7/50	1.18 7/50	1.55 5/48	1.76 5/48	1.88 5/48	2.66 19-20/50
Dec.	Amt. Date	0.72 2/50	0.89 2/50	1.20 31/47-1/48	1.92 31/47-1/48	2.86 31/47-1/48	2.99 31/47-1/48
Annual	Amt. Date	1.98 4/22/44	2.34 8/17/46	3.05 8/17/46	3.35 8/17/46	4.03 7/3-4/43	4.42 1/23-24/49

U. S. WEATHER BUREAU

Station: MURPHYSBORO

Drainage basin: MISSISSIPPI

County: JACKSON

Lat. 37° 46' Long. 89° 19'

Elev.(ft.) 420

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.63 25/50	1.18 25/50	1.45 25-26/50	1.79 25-26/50	2.79 31/47-1/48	3.73 3-4/50
Feb.	Amt. Date	0.58 26/45	0.95 14/49	1.25 26/45	2.08 25-26/45	3.05 25-26/45	4.14 25-26/45
Mar.	Amt. Date	0.69 26/50	1.17 26/49	1.37 26/59	1.63 26/49	2.53 18-19/43	2.88 25-26/49
Apr.	Amt. Date	1.86 30/40	2.67 30/40	2.81 30/40	2.81 30/40	3.10 30-1/40	3.20 13-14/45
May	Amt. Date	1.25 15/48	1.63 15/48	1.98 15/48	2.67 15/48	3.25 15-16/48	3.80 15-16/48
Jun.	Amt. Date	1.53 9/45	1.73 9/45	1.88 9/45	2.08 9/45	2.19 9/45	2.33 9-10/45
Jul.	Amt. Date	2.00 31/40	2.37 19/46	2.80 19/46	3.21 19/46	3.21 19/46	3.21 19/46
Aug.	Amt. Date	1.92 4/43	2.05 4/43	2.07 4/43	2.13 4/43	2.14 4-5/43	2.15 4-5/43
Sep.	Amt. Date	0.72 27/45	1.25 27/45	1.36 27/45	1.98 12-13/43	2.78 12-13/43	2.92 12-13/43
Oct.	Amt. Date	0.90 9/41	0.96 11/49	1.16 11/49	1.73 5/49	2.94 5/49	3.43 5-6/49
Nov.	Amt. Date	0.67 6/43	0.98 11/40	1.17 11/40	1.33 10-11/40	1.35 10-11/40	1.76 6-7/43
Dec.	Amt. Date	0.61 11/49	0.80 2/50	1.19 2/50	1.70 31/47	2.83 31/47	3.41 31/47-1/48
Annual	Amt. Date	2.00 7/31/40	2.67 4/30/40	2.81 4/30/40	3.21 7/19/46	3.25 5/15-16/48	3.80 5/15-16/48

Station: NEWTON

Drainage basin: WABASH

County: JASPER

Lat. 39° 00" Long. 88° 10"

Elev.(ft.) 513

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.96 29/47	1.38 29-30/47	1.50 29-30/47	1.69 31/47-1/48	2.65 3-4/50	3.53 3-4/50
Feb.	Amt. Date	0.42 25/45	0.72 14/49	0.92 14/49	1.11 14-15/49	1.84 13/46	2.34 13/46
Mar.	Amt. Date	0.63 26/49	0.73 26/49	0.82 26/49	1.00 30-31/45	1.49 30-31/45	2.24 30-31/45
Apr.	Amt. Date	0.69 25/45	1.19 25/45	1.37 25/45	1.55 25-26/45	1.75 24-25/47	2.53 30-1/46
May	Amt. Date	1.46 23/43	1.59 23-24/43	1.95 10/43	2.22 10/43	2.85 10-11/43	3.93 10-11/43
Jun.	Amt. Date	1.82 1/41	2.23 1/41	2.67 1/41	3.65 1/41	4.39 1/41	4.61 1/41
Jul.	Amt. Date	1.67 4/43	1.90 4/43	1.90 4/43	1.99 4/43	2.01 4-5/43	2.87 4-5/43
Aug.	Amt. Date	1.24 30/50	1.92 12/44	1.96 12/44	2.01 12/44	2.19 31-1/50	2.54 31-1/50
Sep.	Amt. Date	1.31 21/47	1.59 21/47	1.75 21/47	1.91 21/47	2.19 31-1/50	2.54 31-1/50
Oct.	Amt. Date	0.61 27/47	1.20 27/47	1.52 27/47	1.92 27/47	2.19 26-27/47	2.49 26-27/47
Nov.	Amt. Date	0.72 21/42	0.94 21/42	1.22 21/42	1.79 21/42	1.90 21/42	1.93 21/42
Dec.	Amt. Date	0.52 28/46	0.77 28/46	0.95 31/47	1.69 31/47-1/48	2.29 31/47-1/48	2.52 31/47-1/48
Annual	Amt. Date	1.82 6/1/41	2.23 6/1/41	2.67 6/1/41	3.65 6/1/41	4.39 6/1/41	4.61 6/1-2/41

U. S. WEATHER BUREAU

Station: OREGON

Drainage basin: ROCK

County: OGLE

Lat. 42° 01" Long. 89° 20"

Elev.(ft.) 700

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.48 27/44	0.77 27/44	0.79 27/44	0.94 27/44	0.95 24-25/50	1.43 4-5/46
Feb.	Amt. Date	0.31 27/48	0.51 27/48	0.72 27/48	1.07 27/48	1.52 27/48	1.74 27-28/48
Mar.	Amt. Date	0.42 19/48	0.58 19/48	0.71 19/48	1.13 19/48	2.00 18-19/48	2.14 18-19/48
Apr.	Amt. Date	0.45 23/44	0.69 27/43	0.86 26-27/43	1.03 6-7/43	1.32 26-27/43	1.64 4-5/47
May	Amt. Date	0.99 15/41	1.18 15/41	1.19 15/41	1.19 15/41	1.50 13-14/45	2.35 31-1/47
Jun.	Amt. Date	1.63 22/44	1.71 2/50	1.91 2/50	2.34 2/50	2.40 2/50	2.40 2/50
Jul.	Amt. Date	0.99 28/45	1.35 29/49	1.41 29/49	1.49 29/49	1.49 29/49	1.49 29/49
Aug.	Amt. Date	3.21 17/46	3.94 17/46	4.08 17/46	4.21 17/46	4.21 17/46	4.21 17/46
Sep.	Amt. Date	1.23 8/41	1.99 21/50	2.10 21/50	2.35 21/47	3.20 21/47	3.25 7-8/41
Oct.	Amt. Date	0.98 21/49	1.23 21/49	1.30 21/49	1.30 21/49	1.30 21/49	1.40 21/49
Nov.	Amt. Date	0.45 6/43	0.70E 6/43	0.95 6/43	1.25 6/43	1.42 9/42	1.49 9-10/42
Dec.	Amt. Date	0.50 26/42	0.85 26/42	0.94 26/42	1.16 26-27/42	1.65 26-27/42	1.78 26-27/42
Annual	Amt. Date	3.21 8/17/46	3.94 8/17/46	4.08 8/17/46	4.21 8/17/46	4.21 8/17/46	4.21 8/17/46

U. S. WEATHER BUREAU

Station: PARIS

Drainage basin: WABASH

County: EDGAR

Lat. 39° 38' Long. 87° 42'

Elev.(ft.) 739

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.01 29/47	1.21 29-30/47	1.36 29-30/47	2.20 18/49	2.91 18/49	2.99 18/49
Feb.	Amt. Date	0.75 14/49	0.95 14-15/49	1.18 14-15/49	1.43 14-15/49	2.02 14-15/49	2.43 14-15/49
Mar.	Amt. Date	0.45 21/48	0.71 12/48	0.81 21/48	1.21 30/45	1.90 30-31/45	2.13 30-31/45
Apr.	Amt. Date	0.64 12/48	0.78 12/48	1.01 30/40	1.47 30-1/40	1.72 30-1/40	2.10 10-11/44
May	Amt. Date	2.16 30/44	2.40 30/44	2.41 30/44	2.41 30/44	2.41 30/44	2.41 30/44
Jun.	Amt. Date	1.43 12/45	1.60 12/45	1.68 10/40	1.89 1/46	2.09 3-4/41	2.53 3-4/44
Jul.	Amt. Date	1.52 9/46	1.71 9-10/42	1.86 9-10/42	1.97 9-10/42	1.99 9-10/42	2.02 9-10/42
Aug.	Amt. Date	0.63 31/50	1.23 31/50	1.77 31/50	2.77 31/50	3.20 31-1/50	3.29 31-1/50
Sep.	Amt. Date	1.24 7/41	1.41 7/41	1.42 7/41	2.67 31-1/50	3.20 31-1/50	3.29 31-1/50
Oct.	Amt. Date	0.55 1/45	0.70 1/45	1.03 30/42	1.20 30/42	1.50 30/42	1.54 29-30/42
Nov.	Amt. Date	0.70 4/48	0.92 4/48	1.03 4/48	1.43 4-5/48	1.59 20-21/50	1.62 4-5/48
Dec.	Amt. Date	0.30 14/48	0.55 31/47-1/48	0.66 31/47-1/48	0.95 31/47-1/48	1.24 31/47-1/48	1.50 31/47-1/48
Annual	Amt. Date	2.16 5/30/44	2.40 5/30/44	2.41 5/30/44	2.77 8/31/50	3.20 8/31-9/1/50	3.29 8/31-9/1/50

U. S. WEATHER BUREAU

Station: PEORIA LOCK and DAM

Drainage basin: ILLINOIS

County: PEORIA

Lat. 40° 37' Long. 89° 39'

Elev.(ft.) 445

Period of record:1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.42 13/50	0.56 13/50	0.77 13/50	1.16 13/50	1.56 12-13/50	1.65 12-13/50
Feb.	Amt. Date	0.31 28/48	0.50 6/42	0.71 5-6/42	1.11 5-6/42	1.80 5-6/42	2.44 5-6/42
Mar.	Amt. Date	1.26 14/44	1.56 14/44	1.70 14/44	1.86 14/44	2.22 14/44	3.60 14-15/44
Apr.	Amt. Date	1.10 5/47	1.84 5/47	2.57E 29/47	3.43 29/47	3.43 29/47	3.97 24/50
May	Amt. Date	0.69 29/44	0.96 14/41	1.48 14/41	2.10 14/41	2.27 14/41	2.27 14/41
Jun.	Amt. Date	1.35 26/48	1.93 26/48	1.95 26/48	2.15 19/46	2.66 11-12/46	3.62 11-12/46
Jul.	Amt. Date	1.25 6/42	1.61 6/42	1.92 6/42	2.90 5/48	3.20 5/48	3.92 16-17/50
Aug.	Amt. Date	1.43 3/43	1.55 3/43	1.57 3/43	1.61 3/43	2.21 2-3/43	2.58 2-3/43
Sep.	Amt. Date	1.25 28/45	1.55 28/45	1.85 24-25/41	2.20 24-25/41	2.53 24-25/41	2.58 11-12/44
Oct.	Amt. Date	0.89 6/40	1.45 6/40	1.88 6/40	2.13 6/40	2.13 6/40	2.38 2-3/41
Nov.	Amt. Date	0.44 12/45	0.60 3/46	0.70 3/46	1.16 2-3/46	1.63 2-3/46	1.63 2-3/46
Dec.	Amt. Date	0.80 11/49	1.25 11/49	1.39 11/49	1.50 21/49	1.94 21/49	3.25 20-21/49
Annual	Amt. Date	1.43 8/3/43	1.93 6/26/48	2.57E 4/29/47	3.43 4/29/47	3.43 4/29/47	3.97 4/24/50

U. S. WEATHER BUREAU

Station: PEORIA WB AP*

Drainage basin: ILLINOIS

County: PEORIA

Lat. 40° 40' Long. 89° 41'

Elev.(ft.) 654

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.36 29/47	0.72 29/47	0.87 29/47	0.95 13/50	1.31 12-13/50	1.39 12-13/50
Feb.	Amt. Date	0.48 6/42	0.82 5-6/42	1.03 5-6/42	1.64 5-6/42	2.63 5-6/42	3.21 5-6/42
Mar.	Amt. Date	0.75 14/44	1.27 14/44	1.46 14/44	1.79 14/44	1.96 14/44	3.39x 14-15/44
Apr.	Amt. Date	1.57x 29/47	1.85 29/47	3.02x 29/47	3.10 29/47	3.54 24/50	5.06 24/50
May	Amt. Date	0.78 16/41	1.17 29/44	1.45 29/44	1.26 14/41	1.66 14/41	1.98 30-1/44
Jun.	Amt. Date	2.23x 11/40	2.28 11/40	2.28 11/40	2.82 11/40	2.94 11/40	3.46 18-19/50
Jul.	Amt. Date	1.29 21/49	1.71 5/48	2.09 25/48	2.71 5/48	2.96 5/48	3.21 16-17/50
Aug.	Amt. Date	0.88 3/43	1.48 3/43	1.63 3/43	1.64 3/43	1.64 3/43	2.59 2-3/43
Sep.	Amt. Date	1.13 28/45	1.53 28/45	1.78 28/45	2.28 24-25/41	2.30 24-25/41	2.63 27-28/45
Oct.	Amt. Date	1.15 17/47	1.32 6/41	1.55 6/41	1.75 6/41	2.23 2/41	2.58 2-3/41
Nov.	Amt. Date	0.61 12/45	0.76 3/46	1.04 3/46	1.54 3/46	2.44 2-3/46	2.45 2-3/46
Dec.	Amt. Date	0.81w 20/49	0.96w 20/49	1.05 21/49	1.53 21/49	1.82 20/49	3.37 20-21/49
Annual	Amt. Date	2.23x 6/11/40	2.28 6/11/40	3.02x 4/29/47	3.10 4/29/47	3.54 4/24/50	5.06 4/24/50

*Formerly WB City. Given for comparative purposes.
See next page for complete record.

U. S. WEATHER BUREAU

Station: PEORIA WB AP*

Drainage basin: ILLINOIS

County: PEORIA

Lat. 40° 40' Long. 89° 41'

Elev.(ft.) 654

Period of record: 1905-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.55 14/32	0.72 ^a 5/39	0.91 23/38	1.70 23/38	2.54 23-24/38	3.15 ^x 23-24/38
Feb.	Amt. Date	0.72 ^x 11/32	0.82 5-6/42	1.07 ^w 9/39	1.64 5-6/42	2.63 5-6/42	3.21 5-6/42
Mar.	Amt. Date	1.23 ^x 31/33	1.49 ^w 31/33	1.75 31/33	2.23 31/33	2.26 31-1/33	3.39 ^x 14-15/44
Apr.	Amt. Date	1.57 ^x 29/47	1.85 29/47	3.02 ^w 29/47	3.10 29/47	3.54 24/50	5.06 24/50
May	Amt. Date	2.28 ^x 28/29	2.35 18/27	3.48 18/27	4.33 18/27	4.69 28-29/15	5.52 ^x 18/27
Jun.	Amt. Date	2.23 ^x 11/40	2.40 24/38	3.08 24/38	3.14 24/38	4.63 24/11	4.74 ^x 24/11
Jul.	Amt. Date	2.60 2/31	2.61 2/31	2.62 2/31	2.85 13-14/34	3.57 2-3/31	3.94 ^x 2-3/31
Aug.	Amt. Date	1.41 19-20/24	2.12 10/16	2.40 10-11/16	3.68 10-11/16	4.44 31-1/26	4.49 ^x 31-1/26
Sep.	Amt. Date	2.24 ^x 10/11	3.18 ^x 10/11	3.29 10/11	3.37 10/11	4.44 31-1/26	4.49 ^x 31-1/26
Oct.	Amt. Date	1.83 ^x 26/39	2.36 ^x 26/39	2.44 ^w 26/39	2.45 26/39	2.81 26-27/39	3.09 ^x 26-27/39
Nov.	Amt. Date	1.06 ^x 11/11	1.22 ^x 22/31	1.56 22/31	2.26 22/31	2.59 22/31	2.59 ^x 22/31
Dec.	Amt. Date	0.81 ^w 20/49	0.96 ^w 20/49	1.23 22-23/32	1.61 22-23/32	1.99 22-23/32	3.37 20-21/49
Annual	Amt. Date	2.60 7/2/31	3.18 ^a 9/10/11	3.48 5/18/27	4.33 5/18/27	4.69 5/28-29/15	5.52 ^x 5/18/27

*Formerly WB City.

^a Also 29/47

U. S. WEATHER BUREAU

Station: PIPER CITY

Drainage basin: ILLINOIS

County: FORD

Lat. 40° 45' Long. 88° 11'

Elev.(ft.) 670

1942-1944 (BREAKS)
Period of record: and 1949-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.78 25/50	0.83 25/50	0.83 25/50	1.25 23/50	1.64 23-24/50	1.71 23-24/50
Feb.	Amt. Date	0.30 22/44	0.37 21-22/44	0.44 21-22/44	0.50 21-22/44	0.62 25/44	0.71 14-15/49
Mar.	Amt. Date	0.30 26/50	0.46 22/49	0.52 22/49	0.73 14-15/44	1.06 14-15/44	1.29 14-15/44
Apr.	Amt. Date	0.59a 23/44	1.01 22/44	1.28 22/44	1.42 21-22/44	1.66 10-11/44	3.00 24-25/50
May	Amt. Date	0.53 5/49	0.87 6/43	1.17 6/43	1.24 6/43	1.36 6-7/43	2.08 10-11/43
Jun.	Amt. Date	1.30 12/44	1.55 12/44	1.64 12/44	1.65 12/44	1.65 12/44	2.02 12-13/44
Jul.	Amt. Date	1.05 8/44	1.37 8/44	1.44 8/44	1.45 8/44	1.45 8/44	1.45 8/44
Aug.	Amt. Date	0.72 22/44	0.73 22/44	0.73 22/44	0.82 30-31/44	0.82 30-31/44	0.82 30-31/44
Sep.	Amt. Date	1.18 21/50	1.53 21/50	1.53 21/50	1.53 21/50	1.53 21/50	1.92 21/50
Oct.	Amt. Date	0.33 6/49	0.60 30/42	0.70b 30/42	1.02 6/49	1.27 5-6/49	1.27 5-6/49
Nov.	Amt. Date	0.41 9/42	0.64 9/42	0.77 9/42	1.19 9/42	1.48 9/42	1.93 9/42
Dec.	Amt. Date	0.57 20/49	0.75 20/49	0.90 20/49	1.46 21/49	2.40 21/49	3.19 20-21/49
Annual	Amt. Date	1.30 6/12/44	1.55 6/12/44	1.64 6/12/44	1.65 6/12/44	2.40 12/21/49	3.19 12/20-21/49

a Also 24/50
b Also 6/49

U.S. WEATHER BUREAU

Station: PITTSFIELD

Drainage basin: MISSISSIPPI

County: PIKE

Lat. 39° 39' Long. 90° 48'

Elev.(ft.) 724

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.55 13/50	0.78 13/50	0.95 13/50	1.05 13/50	1.10 12-13/50	1.42 31/40-1/41
Feb.	Amt. Date	0.36 21/44	0.47 4/42	0.72 4/42	1.16 4/42	1.27 4/42	1.84 4-5/42
Mar.	Amt. Date	1.57 16/42	2.05 16/42	2.31 16/42	2.37 16/42	2.37 16/42	2.37 16/42
Apr.	Amt. Date	0.60 19/41	1.00 10/44	1.49 10/44	1.92 10/44	2.40 10/44	2.78 10-11/44
May	Amt. Date	1.38 15/46	1.49 15/46	1.52 15/43	1.68 7-8/43	1.81 7-8/43	2.29 14-15/43
Jun.	Amt. Date	1.28 9/41	1.42 9/45	1.90 9/45	3.17 9-10/45	3.93 8-9/45	3.94 8-9/45
Jul.	Amt. Date	1.75 19/46	2.39 19-20/46	2.41 19-20/46	2.51 19-20/46	3.36 20/49	3.67 19-20/49
Aug.	Amt. Date	1.22 15/46	2.10 15/46	2.63 15-16/46	3.86 15-16/46	4.13 15-16/46	4.14 15-16/46
Sep.	Amt. Date	0.97 6/46	1.24 22/45	1.52 24/41	2.10 24-25/41	2.23 24-25/41	2.99 13-14/45
Oct.	Amt. Date	1.21 5/49	1.38 5/49	1.56 5/49	2.45 4/41	4.53 4/41	5.38 4-5/41
Nov.	Amt. Date	0.60 3/46	0.96 3/46	1.20 2-3/46	1.44 31-1/46	2.25 2-3/46	2.27 2-3/46
Dec.	Amt. Date	0.43 21/49	0.79 26/42	1.02 26/42	1.56 26/42	2.18 26-27/42	2.71 20-21/49
Annual	Amt. Date	1.75 6/19/46	2.39 7/19-20/46	2.63 8/15-16/46	3.86 8/15-16/46	4.53 10/4/41	5.38 10/4-5/41

U. S. WEATHER BUREAU

Station: PRAIRIE DU ROCHER

Drainage basin: MISSISSIPPI

County: RANDOLPH

Lat. 38° 05' Long. 90° 06'

Elev.(ft.) 390

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.52 3/50	2.57 3/50	3.22 3/50	3.87 3/50	6.25 3-4/50	7.74 3-4/50
Feb.	Amt. Date	0.64 14/49	1.05 13/46	1.28 13/46	1.80 12/50	3.29 12-13/50	4.11 12-13/50
Mar.	Amt. Date	0.68 11/50	0.92 11/50	1.13 11/50	1.56 11/50	2.01 11/50	2.81 29-30/45
Apr.	Amt. Date	0.67 13/45	0.88 30/46	1.10 30/46	1.73 30/46	2.20 30-1/46	2.93 30-1/46
May	Amt. Date	1.14 24/47	1.17 24/47	1.18 24/47	1.48 15-16/46	2.20 30-1/46	2.93 30-1/46
Jun.	Amt. Date	1.25 30/47	2.35 30/47	2.80 30/47	2.97 30/47	2.99 30-1/47	3.04 30-1/47
Jul.	Amt. Date	1.42 10/46	1.42 10/46	1.42a 9/42	1.59 9/42	2.99 30-1/47	3.04 30-1/47
Aug.	Amt. Date	1.95 5/46	3.70 5/46	4.47 5/46	5.18 5/46	5.20 5/46	5.20 5/46
Sep.	Amt. Date	0.95 17/41	1.67 9/47	1.76 9/47	1.86 9/47	1.89b 12-13/45	2.44 12-13/45
Oct.	Amt. Date	1.11 30/42	1.69 30/42	2.24 30/42	3.45 29-30/42	4.21 29-30/42	4.26 29-30/42
Nov.	Amt. Date	0.58 4/48	1.15 4/48	1.40 4/48	1.55 4-5/48	1.64 7/50	1.67 7-8/50
Dec.	Amt. Date	0.73 21/49	0.93 21/49	1.21E 2/50	1.82 2/50	1.87 26-27/42	2.55 21/49
Annual	Amt. Date	1.95 8/5/46	3.70 8/5/46	4.47 8/5/46	5.18 8/5/46	6.25 1/3-4/50	7.74 1/3-4/50

a. - Also 10/46
b. - Also 9/47

U. S. WEATHER BUREAU

Station: PRINCETON

Drainage basin: ILLINOIS

County: BUREAU

Lat. 41° 21' Long. 89° 28'

Elev.(ft.)700

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.33 3/50	0.57 3/50	0.62 3/50	0.93 8-9/46	1.16 12-13/50	1.41 3-4/50
Feb.	Amt. Date	0.30a 6/42	0.55 6/42	0.72 6/42	1.09 6/42	1.78 6/42	1.98 6/42
Mar.	Amt. Date	0.52 16/46	0.76 19/48	0.86 19/48	1.61 19/48	2.25 19/48	2.41 13-14/44
Apr.	Amt. Date	1.15 27/43	1.56 26-27/43	2.69 26-27/43	3.17 26-27/43	3.81 26-27/43	3.82 26-27/43
May	Amt. Date	2.22 30/41	2.62 30/41	2.68 30/41	3.01 30-31/41	3.01 30-31/41	3.24 30-31/41
Jun.	Amt. Date	1.67 13/50	1.82 13/50	2.00 13/50	2.25 13/50	2.25 13/50	2.52 12/46
Jul.	Amt. Date	2.01 23/41	2.83 23/41	2.94 21/49	2.96 22-23/41	2.97 22-23/41	3.00 20-21/49
Aug.	Amt. Date	1.68 29/47	2.26 1/42	2.26 1/42	2.26 1/42	2.59 29/47	2.68 28-29/47
Sep.	Amt. Date	1.13 4/41	1.56 21/47	1.72 21/47	2.18 21/47	2.56 21/47	2.61 21/47
Oct.	Amt. Date	1.44 6/41	1.61 6/41	1.73 6/41	2.17 6/41	2.72 6/41	2.79 6-7/41
Nov.	Amt. Date	0.54 12/45	0.63 12/45	0.63 12/45	0.88 2-3/46	1.08 12/45	1.17 2-3/46
Dec.	Amt. Date	0.26 20/49	0.50 20/49	0.65 20/49	0.84 12/46	1.38 12/46	1.63 11-12/46
Annual	Amt. Date	2.22 5/30/41	2.83 7/23/41	2.94 7/21/49	3.17 4/26-27/43	3.81 4/26-27/43	3.82 4/26-27/43

a. - Also 27/48

U. S. WEATHER BUREAU

Station: PROPHEETSTOWN

Drainage basin: ROCK

County: WHITESIDE

Lat. 41° 40' Long. 89° 56'

Elev.(ft.) 625

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.61E 29/47	0.72E 29/47	1.03E 29/47	1.27 29/47	1.57E 29/47	1.65 29-30/47
Feb.	Amt. Date	0.27 27/48	0.51 27/48	0.61 27/48	1.14 27/48	1.50 27/48	1.61 27-28/48
Mar.	Amt. Date	1.08 30/49	1.14 30-31/49	1.20 30-31/49	1.22 30-31/49	1.60 30/49	1.67 30-31/49
Apr.	Amt. Date	1.02 5/47	1.22 4-5/47	1.37 4-5/47	1.66 4-5/47	2.12 4-5/47	2.31 4-5/47
May	Amt. Date	0.85 19/44	0.88 19/44	0.98 31/41	1.18 19-20/44	1.55 31-1/47	2.12 30-31/41
Jun.	Amt. Date	1.81 17/46	1.91 27/45	1.96 17/46	2.27 17/46	3.27 3/41	3.66 2-3/41
Jul.	Amt. Date	1.45 22/41	2.48 21/49	2.51 21/49	2.94 22-23/41	3.15 22-23/41	3.15 22-23/41
Aug.	Amt. Date	2.29 14/45	3.54 14/45	4.22 14/45	4.29 14/45	4.33 13-14/45	4.33 13-14/45
Sep.	Amt. Date	0.86 7/41	1.33 7/41	1.65 21/47	2.94 21/47	3.94 21/47	3.94 21/47
Oct.	Amt. Date	0.89 22/41	1.21 22/41	1.24 22/41	1.34 22/41	1.45 22/41	1.60 22-23/41
Nov.	Amt. Date	0.55 12/49	0.64 6/43	0.87 6/43	1.17 6/43	1.30 6/43	1.35 6-7/43
Dec.	Amt. Date	0.38 26/42	0.68 26/42	0.80 26/42	1.30 26/42	2.45 26/42	2.91 26-27/42
Annual	Amt. Date	2.29 8/14/45	3.54 8/14/45	4.22 8/14/45	4.29 8/14/45	4.33 8/13-14/45	4.33 8/13-14/45

U. S. WEATHER BUREAU

Station: QUINCY DAM

Drainage basin: MISSISSIPPI

County: ADAMS

Lat. 39° 54' Long. 91° 26'

Elev.(ft.) 483

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.72 11/49	0.75 11/49	0.75 11/49	0.85 11/49	1.27 1/48	1.44 31/47-1/48
Feb.	Amt. Date	0.37 8/50	0.41 8/50	0.55 5/42	0.86 4/42	1.49 4/42	1.64 4/42
Mar.	Amt. Date	0.77 19/48	0.79 19/48	0.81 19/48	1.38 18-19/48	2.00 14-15/44	2.26 19-20/45
Apr.	Amt. Date	0.98 29/42	1.58 29/42	1.62 29/42	2.24 10/44	3.22 10/44	3.43 10/44
May	Amt. Date	1.01 31/42	1.02 31/41	1.11 31/42	1.15 31/42	1.38 3/46	1.42 7-8/43
Jun.	Amt. Date	1.25a 9/41	1.50 23/49	2.03 23/49	2.78 23/49	2.79 23/49	2.98 22-23/49
Jul.	Amt. Date	2.60 20/49	3.48 20/49	3.65 20/49	5.70 20/49	7.43 20/49	7.53 19-20/49
Aug.	Amt. Date	2.06 5/40	2.41 5/40	3.00 8/43	4.83 8/43	4.90 8/43	4.90 8/43
Sep.	Amt. Date	1.55 16/44	2.55 16/44	2.62 16/44	3.14 21/47	3.90 20-21/47	4.00 20-21/47
Oct.	Amt. Date	1.17 17/46	1.60 4/44	1.70 4/44	2.59 17/46	3.48 17/46	4.00 17/46
Nov.	Amt. Date	0.51 9/42	0.91 9/42	1.10 9/42	1.30 9/42	1.33 9/42	1.36 9/42
Dec.	Amt. Date	0.60 26/42	0.80 26/42	1.04 26/42	1.48 26/42	2.26 26-27/42	2.36 26-27/42
Annual	Amt. Date	2.60 7/20/49	3.48 7/20/49	3.65 7/20/49	5.70 7/20/49	7.43 7/20/49	7.53 7/19-20/49

a. - Also 12/46

U. S. WEATHER BUREAU

Station: RANTOUL, CHANUTE AFB

Drainage basin: WABASH

County: CHAMPAIGN

Lat. 40° 18' Long. 88° 09'

Elev.(ft.)744

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 3/50	0.64 29/47	0.78 4/50	1.43 3-4/50	2.21 3-4/50	3.53 3-4/50
Feb.	Amt. Date	0.64 5/43	0.91 5/43	1.03 5-6/43	1.32 14/49	1.67 14-15/49	1.70 14-15/49
Mar.	Amt. Date	0.91 16/42	1.14 16/43	1.28 16/43	1.41 16/43	2.04 16/43	3.27 16-17/43
Apr.	Amt. Date	0.69 11/44	1.06 11/44	1.39 10-11/44	1.70 10-11/44	2.06 10-11/44	2.42 10-11/44
May	Amt. Date	0.66a 30/41	0.75 23/44	0.90 19/49	1.56 3-4/46	1.89 3-4/46	2.14 1/46
Jun.	Amt. Date	1.53 24/50	1.80 9/41	1.88 9/41	1.88 9/41	1.88 9/41	2.83 9-10/41
Jul.	Amt. Date	1.07 15/48	1.41 2/50	1.55 17/50	1.91 16-17/50	2.08 16-17/50	2.69 16-17/50
Aug.	Amt. Date	1.55 3/43	2.17 3/43	2.32 3/43	3.12 3/43	3.84 3/43	3.88 3/43
Sep.	Amt. Date	1.05 9/42	1.40 21/50	1.41 21/50	1.50 11/44	2.43 21/50	2.62 13-14/45
Oct.	Amt. Date	0.55 31/43	0.76 5/41	1.13 17/46	1.55 17/46	2.17 17/46	2.96 2-3/49
Nov.	Amt. Date	0.82 9/42	1.52 9/42	1.60 9/42	1.62 9/42	1.70 9/42	2.04 9-10/42
Dec.	Amt. Date	0.30 5/48	0.43 5/48	0.56 3/47	0.84 3/47	1.02 3/47	1.30 3-4/47
Annual	Amt. Date	1.55 8/3/43	2.17 8/3/43	2.32 8/3/43	3.12 8/3/43	3.84 8/3/43	3.88 8/3/43

a. - Also 23/44

U. S. WEATHER BUREAU

Station: RICHVIEW

Drainage basin: KASKASKIA

County: WASHINGTON

Lat. 38° 22' Long. 89° 11'

Elev.(ft.) 544

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.28 29/47	1.61 29/47	1.71 29/47	1.85 3/50	2.89 3-4/50	3.77 3-4/50
Feb.	Amt. Date	0.60 14/49	1.10 14/49	1.35 14/49	1.49 14-15/49	2.13 13/46	3.04 13/46
Mar.	Amt. Date	0.41 18/46	0.67 18/45	0.87 1-2/45	1.08 30/45	1.80 30/45	2.91 29-30/45
Apr.	Amt. Date	1.22 22/44	1.39 22/44	1.56 23/44	1.78 22/44	3.02 22-23/44	3.44 22-23/44
May	Amt. Date	1.13 27/44	1.25 10/46	1.29 10/46	1.87 19/43	2.59 19/43	3.03 9-10/43
Jun.	Amt. Date	1.61 13/50	2.10 9/41	2.32 9/41	2.38 9-10/41	2.40 9-10/41	2.46 9-10/41
Jul.	Amt. Date	1.22 26/47	1.59 8/42	2.09 3/50	3.05 3/50	3.20 3-4/50	3.40 3-4/50
Aug.	Amt. Date	1.62 15/46	3.12 15/46	3.99 15/46	5.72 15/46	7.18 15-16/46	11.47E 15-16/46
Sep.	Amt. Date	1.02 27/45	1.34 27/45	1.34 27/45	1.78 12/49	2.08 12-13/49	3.74 12-13/49
Oct.	Amt. Date	0.77 18/41	0.93 24/46	1.04 24/46	1.38 11/49	1.89 5/49	2.21 5-6/49
Nov.	Amt. Date	0.53 19/50	0.95 8/45	0.98a 8/45	1.32 7/50	1.73 7/50	2.01 5-6/41
Dec.	Amt. Date	0.59 31/47	0.93 31/47	1.30 31/47	2.11 31/47	2.83 31/47-1/48	2.96 31/47-1/48
Annual	Amt. Date	1.62 8/15/46	3.12 8/15/46	3.99 8/15/46	5.72 8/15/46	7.18 8/15-16/46	11.47E 8/15-16/46

a. - Also 7/50

U.S. WEATHER BUREAU

Station: SKOKIE, N SIDE

Drainage basin: LAKE MICHIGAN

County: COOK

Lat. 42° 01' Long. 87° 43'

Elev.(ft.) 600

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.71 27/44	0.75 27/44	0.82 27/44	1.07a 27/44	1.47 13/50	1.48 13/50
Feb.	Amt. Date	0.55 26/44	0.56 26/44	0.66 13/49	1.13 12-13/49	1.21 12-13/49	1.22 12-13/49
Mar.	Amt. Date	0.89 19/48	1.56 19/48	1.73 19/48	2.24 18/48	3.17 19/48	3.54 13-14/44
Apr.	Amt. Date	0.88 25/50	1.43 25/50	1.51 25/50	2.30 24-25/50	2.47 24-25/50	2.55 24-25/50
May	Amt. Date	1.02 31/46	1.67 31/42	1.73 31/42	1.81 31-1/42	2.73 31-1/42	3.49 31-1/42
Jun.	Amt. Date	1.75 10/42	2.17 10/42	2.20 10/42	2.40 14-15/49	2.73 31-1/42	3.49b 31-1/42
Jul.	Amt. Date	3.09 6/43	4.67 6/43	4.97 6/43	5.24 6/43	5.28 6/43	5.28 6/43
Aug.	Amt. Date	1.62 30/41	2.21 30/41	2.27 30/41	2.27 30/41	2.29 26/43	2.51 25-26/43
Sep.	Amt. Date	1.02 27/45	1.68 21/47	2.09 21/47	2.55 21/47	2.88 21/47	2.90 21/47
Oct.	Amt. Date	1.27 8/50	1.48 8/50	1.63 8/50	2.00 2-3/41	2.87 2-3/41	3.21 2-3/41
Nov.	Amt. Date	0.48 9/42	0.56c 9/42	0.75 3/46	1.29 3/46	1.73 3/46	1.84 2-3/46
Dec.	Amt. Date	0.35 21/49	0.58 21/49	0.71 21/49	0.93 21/49	1.10 21/49	1.93 20-21/49
Annual	Amt. Date	3.09 7/6/43	4.67 7/6/43	4.97 7/6/43	5.24 7/6/43	5.28 7/6/43	5.28 5/6/43

- a. - Also 29-30/47
- b. - Also 14-15/49
- c. - Also 3/46

U. S. WEATHER BUREAU

Station: SPRINGFIELD WB AP

Drainage basin: ILLINOIS

County: SANGAMON

Lat. 39° 50' Long. 89° 40'

Elev.(ft.) 587

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
0.54 Jan.	Amt. Date	0.54 29/47	0.95 23/50	1.04 23/50	1.15 23/50	1.42 18/49	1.59 3-4/50
Feb.	Amt. Date	0.65w 21/44	0.72 21/44	0.83 21/44	1.06 4/42	1.71 4/42	1.98 4/42
Mar.	Amt. Date	0.40 2/45	0.62 4/44	0.80 21/48	0.98 21/48	1.12 3-4/44	1.48 25-26/45
Apr.	Amt. Date	0.96w 10/44	1.71w 10/44	2.21w 10/44	2.21w 10/44	2.46 10-11/44	2.94 10-11/44
May	Amt. Date	2.33 29/44	2.75 29/44	2.77 29/44	2.78 29/44	2.78 29/44	3.84 29-30/44
Jun.	Amt. Date	1.92 27/46	2.45w 18/46	2.71w 18/46	2.71 18/46	2.71 18/46	2.71 18/46
Jul.	Amt. Date	1.67 9/42	1.82 9/42	1.98 26/42	3.10 3/50	3.40 3/50	3.54 2-3/50
Aug.	Amt. Date	1.25w 11/45	1.39 11/45	1.42 5/45	1.47 5/45	1.50 5-6/45	2.34 31-1/47
Sep.	Amt. Date	1.55w 1/47	1.97w 1/47	2.04 1/46	2.30 1/46	2.30 1/46	2.95 12-13/45
Oct.	Amt. Date	1.40 21/45	2.60 21/45	2.78 21/45	3.28 21/45	3.97 4/41	5.42 4-5/41
Nov.	Amt. Date	0.78w 12/45	0.86w 12/45	0.99 26/40	1.34 22/42	1.72 22/42	2.00 22/42
Dec.	Amt. Date	0.60 21/49	0.80 21/49	1.00 21/49	1.23 21/49	1.88 21/49	2.41 20-21/49
Annual	Amt. Date	2.33 5/29/44	2.75 5/29/44	2.78 10/21/45	3.28 10/21/45	3.97 10/4/41	5.42 10/4-5/41

U. S. WEATHER BUREAU

Station: SPRINGFIELD WB CITY

Drainage basin: ILLINOIS

County: SANGAMON

Lat. 39° 48' Long. 89° 39'

Elev. (ft.) 598

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.67 29/47	0.97 29/47	0.97 29/47	0.98 29-30/47	1.42 18/49	1.58 3-4/50
Feb.	Amt. Date	0.64 21/44	0.71 21/44	0.81 21/44	1.08 4/42	1.64 4/42	2.03 4/42
Mar.	Amt. Date	0.78 17/46	0.81 17/46	0.88 2/40	0.88 2/40	1.22 2/40	1.42 2/40
Apr.	Amt. Date	0.96 10/44	1.71 10/44	2.21w 10/44	2.66 10-11/44	3.15 10-11/44	3.68 10-11/44
May	Amt. Date	1.41 15/47	1.53 29/44	1.77 29/44	1.85 17-18/43	2.13 17-18/43	2.68 17-18/43
Jun.	Amt. Date	1.69 18/46	1.81 18/46	2.68 18/46	2.85 18/46	2.85 18/46	2.85 18/46
Jul.	Amt. Date	2.82 25/48	3.32 25/48	3.48 25/48	3.56 25/48	3.59 25/48	3.61 25-26/48
Aug.	Amt. Date	1.51 17/48	1.81 17/48	1.83 5/45	1.93 5/45	1.93 5/45	2.62 31-1/47
Sep.	Amt. Date	1.33 1/47	1.97 1/47	1.99 1/47	2.20 1/47	2.56 2/41	2.95 12-13/45
Oct.	Amt. Date	0.89 30/42	1.46 30/42	1.75 30/42	2.65 4-5/41	4.23 4-5/41	5.65 4-5/41
Nov.	Amt. Date	0.70 12/45	0.86 12/45	0.96 22/42	1.47 22/42	1.97 22/42	2.32 21-22/42
Dec.	Amt. Date	0.41 21/49	0.66 21/49	0.83 21/49	1.13 21/49	1.56a 26-27/42	2.17 20-21/49
Annual	Amt. Date	2.82 7/25/48	3.32 7/25/48	3.48 7/25/48	3.56 7/25/48	4.23 10/4-5/41	5.65 10/4-5/41

a Also 21/46

*Given for comparative purposes.

See next page for complete record.

U. S. WEATHER BUREAU

Station: SPRINGFIELD

Drainage basin: ILLINOIS

County: SANGAMON

Lat. 39° 48' Long. 89° 39'

Elev.(ft.) 598

Period of record: 1901-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.67 29/47	0.98 18/07	1.01 18/07	1.68 7/37	2.25 7/37	2.42 7-8/37
Feb.	Amt. Date	0.64 21/44	0.71 21/44	1.00E 23-24/30	1.33E 23-24/30	1.64 4/42	2.03 4/42
Mar.	Amt. Date	1.44x 31/33	2.08x 23/36	2.11w 23/36	2.62 23/36	2.75 23-24/36	4.10 10-11/39
Apr.	Amt. Date	1.69x 19/20	1.78x 19/20	2.21w 10/44	2.66 10-11/44	3.15 10-11/44	3.68 10-11/44
May	Amt. Date	1.74x 9/18	2.13x 25-26/15	2.27 25-26/15	3.18 25-26/15	4.74 25-26/15	5.35 x 25-26/15
Jun.	Amt. Date	2.14x 15/21	2.33 15/21	2.68 18/46	3.77 4/17	5.94 x 4-5/17	5.94 x 4-5/17
Jul.	Amt. Date	2.82 25/48	3.32 25/48	3.48 25/48	3.56 25/48	3.62 12-13/37	3.83 12-13/37
Aug.	Amt. Date	1.87 5/31	1.96x 5/31	1.97 5/31	2.03 6-7/39	3.12 1-2/21	3.32 1-2/21
Sep.	Amt. Date	2.50x 8/26	3.01x 8/26	3.17 8/26	4.29 8/26	5.40 8-9/26	5.50 8-9/26
Oct.	Amt. Date	1.35x 18/38	1.58x 18/38	1.87 30/42	2.65 4-5/41	4.23 4-5/41	5.65 4-5/41
Nov.	Amt. Date	1.01x 2/34	1.13x 2/34	1.55 2/34	1.68 2-3/34	2.25 2/36	2.34 2-3/34
Dec.	Amt. Date	0.53 5/06	0.71 5/06	0.83 21/49	1.22 5/06	1.59 5/06	2.17 20-21/49
Annual	Amt. Date	2.82 7/25/48	3.32 7/25/48	3.48 7/25/48	4.29 9/8/26	5.94x 6/4-5/17	5.94x 6/4-5/17

U. S. WEATHER BUREAU

Station: STICKNEY, W SIDE

Drainage basin: ILLINOIS

County: COOK

Lat. 41° 49" Long. 87° 46'

Elev.(ft.) 636

Period of record: 1941-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.33 13/50	0.51 13/50	0.73 13/50	1.10 13/50	1.42 13/50	1.44 12-13/50
Feb.	Amt. Date	0.30 26/44	0.53 6/42	0.78 6/42	1.39 6/42	1.66 6/42	1.66 6/42
Mar.	Amt. Date	1.10 19/48	1.36 19/48	1.91 19/48	2.50 19/48	3.10 19/48	3.17 19/48
Apr.	Amt. Date	0.78 4/47	0.93 4/47	1.51 4-5/47	2.12 4-5/47	2.78 4-5/47	3.30 4-5/47
May	Amt. Date	1.30 31/42	1.33 31/42	1.63 31/42	1.66 31/42	1.69 31/42	1.97 31/42
Jun.	Amt. Date	1.52 14/41	1.73 14/41	1.78 14/49	2.19 14-15/49	2.60 14-15/49	3.46 14/49
Jul.	Amt. Date	2.24 6/43	3.31 6/43	3.71 6/43	3.82 6/43	3.83 6/43	3.83 6/43
Aug.	Amt. Date	1.17 25/47	1.50 9/46	1.52 9/46	1.52 9/46	2.01 26/43	2.15 25-26/43
Sep.	Amt. Date	1.01 21/47	1.61 21/47	1.80 21/47	2.21 21/47	2.28 21/47	2.28 21/47
Oct.	Amt. Date	0.47 26/47	0.87 27/47	1.07 27/47	1.23 2-3/41	1.79 2-3/41	2.25 26-27/47
Nov.	Amt. Date	0.74 12/45	0.98 3/46	1.35 3/46	1.97 3/46	2.54 2-3/46	2.64 2-3/46
Dec.	Amt. Date	0.46 21/49	0.75 21/49	0.92 21/49	1.17 21/49	1.45 27/42	2.19 20-21/49
Annual	Amt. Date	2.24 7/6/43	3.31 7/6/43	3.71 7/6/43	3.82 7/6/43	3.83 7/6/43	3.83 7/6/43

U. S. WEATHER BUREAU

Station: SULLIVAN

Drainage basin: KASKASKIA

County: MOULTRIE

Lat. 39° 34' Long. 88° 37'

Elev.(ft.) 686

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.33 25/50	1.62 25/50	1.90 25/50	1.90 25/50	2.80E 3-4/50	5.49 3-4/50
Feb.	Amt. Date	0.79 8/50	1.15 8/50	1.31 8/50	1.45 8/50	1.95 14/49	2.23 14-15/49
Mar.	Amt. Date	0.99 16/42	1.64 29/45	1.81 29/45	1.99 29/45	2.10 29/45	2.11 29/45
Apr.	Amt. Date	0.83 12/48	1.22 10/44	1.42 10-11/44	1.75 10-11/44	2.45 10/44	3.20 22/44
May	Amt. Date	1.83 9/49	2.45 9/49	2.67 9-10/49	2.78 9-10/49	2.78 9-10/49	2.87 1-2/46
Jun.	Amt. Date	1.29 25/42	1.71 25/42	1.92 25-26/42	2.29 25-26/42	2.73 25-26/42	2.82 25-26/42
Jul.	Amt. Date	1.72 9/42	2.00 9/42	2.18 9-10/42	2.77 2-3/50	3.90 2-3/50	4.06 2-3/50
Aug.	Amt. Date	1.72 5/46	2.60 5/46	2.87 5/46	3.04 5/46	3.04 5/46	3.04 5/46
Sep.	Amt. Date	1.34 1/41	1.47 2/41	1.69 2/41	1.70 2/41	1.84 2/41	2.10 12-13/45
Oct.	Amt. Date	0.67 24/46	0.91 17-18/41	1.26 17-18/41	2.21 17-18/41	2.42 17-18/41	3.07 10-11/49
Nov.	Amt. Date	0.45 12/45	0.79 19/50	1.05 19/50	1.38 19-20/50	1.55 1/46	1.97 31-1/46
Dec.	Amt. Date	0.51 27/42	0.77 27/42	0.99 27/42	1.30 27/42	1.81 31/47-1/48	2.31 31/47-1/48
Annual	Amt. Date	1.83 5/9/49	2.60 8/5/46	2.87 8/5/46	3.04 8/5/46	3.90 7/2-3/50	5.49 1/3-4/50

U.S. WEATHER BUREAU

Station: URBANA

Drainage basin: WABASH

County: CHAMPAIGN

Lat. 40° 08' Long. 88° 13'

Elev.(ft.) 743

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.61 3/50	0.91 3/50	1.07 3/50	1.27 3/50	1.77 3/50	2.86 3-4/50
Feb.	Amt. Date	0.35 25/44	0.61 21/44	0.81 21-22/44	0.95 21-22/44	1.48 4/42	1.56 4/42
Mar.	Amt. Date	0.70 18/45	0.88 15/43	0.95 15/43	1.13 15/43	1.52 15-16/43	2.17 15-16/43
Apr.	Amt. Date	0.77 11/44	1.34 10-11/44	1.63 10-11/44	2.11 10-11/44	2.54 10-11/44	2.87 10-11/44
May	Amt. Date	1.46 16/43	1.58 16-17/43	2.04 16-17/43	2.38 16-17/43	2.89 16-17/43	3.28 16-17/43
Jun.	Amt. Date	1.81 19/46	2.14 19/46	2.23 19/46	2.24 19/46	2.24 19/46	2.27 18-19/46
Jul.	Amt. Date	1.77 8/42	1.87 8/42	1.92 8/42	2.05 8/42	2.17 16-17/50	2.37 16-17/50
Aug.	Amt. Date	1.30 11/45	1.46 3/43	1.81 3/43	2.23 3/43	3.44 2-3/43	3.44 2-3/43
Sep.	Amt. Date	0.83 7/41	1.34 7/41	1.49 7/41	1.51 20-21/48	1.77 20-21/48	2.08 12-13/45
Oct.	Amt. Date	0.94 21/49	1.31 17-18/41	1.61 17-18/41	2.06 17-18/41	2.28 26-27/47	2.88 26-27/47
Nov.	Amt. Date	0.89 11/40	0.89 11/40	0.89 11/40	0.90 19/50	1.24 1/46	1.35 9-10/42
Dec.	Amt. Date	0.46 2/50	0.74 2/50	0.74 2/50	1.00 27/42	1.28 27/42	2.29 21-22/49
Annual	Amt. Date	1.81 6/19/46	2.14 6/19/46	2.23 6/19/46	2.38 5/16-17/43	3.44 8/2-3/43	3.44 8/2-3/43

U.S. WEATHER BUREAU

Station: VANDALIA

Drainage basin: KASKASKIA

County: FAYETTE

Lat. 38° 58' Long. 89° 07'

Elev.(ft) 503

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.95 29/47	1.34 29/47	1.51 29/47	1.69 3/50	2.82 3/50	4.09 3-4/50
Feb.	Amt. Date	0.73 14/49	1.21 14/49	1.48 14/49	1.86 14/49	2.26 14/49	2.78 14-15/49
Mar.	Amt. Date	1.20 26/48	1.42 26/48	1.45 26/48	1.46 26/48	1.53 26/48	2.18 26/48
Apr.	Amt. Date	1.11 3/50	1.14 29/47	1.45 3/50	1.49 3-4/50.	1.82 22/44	2.89 22-23/44
May	Amt. Date	1.10 30/44	1.25 30/44	1.35 30/44	1.62 7/43	2.62 7/43	3.25 6-7/43
Jun.	Amt. Date	2.13 26/49	3.05 26/49	3.32 26-27/49	3.36 26-27/49	3.39 26-27/49	3.54 26-27/49
Jul.	Amt. Date	0.93 13/48	1.00 13/48	1.01 13/48	1.25E 30-1/47	2.50 30-1/47	2.53 30-1/47
Aug.	Amt. Date	1.34 21/40	1.95 12/44	2.15 27/40	3.11 27/40	3.17 27/40	3.17 27/40
Sep.	Amt. Date	1.06 27/45	1.57 21/45	1.74 21/45	1.85 12/49	2.16 21/45	2.40 12-13/49
Oct.	Amt. Date	1.12 11/49	1.80 11/49	2.16 11/49	2.66 29-30/42	3.41 31-1/46	4.08 31-1/46
Nov.	Amt. Date	0.75 1/46	1.24 1/46	1.65 1/46	2.68 1/46	3.41 31-1/46	4.08 31-1/46
Dec.	Amt. Date	0.67 27/42	1.23 27/42	1.39 27/42	1.87 27/42	1.92 26-27/42	2.01 26-27/42
Annual	Amt. Date	2.13 6/26/49	3.05 6/26/49	3.32 6/26-27/49	3.36 6/26-27/49	3.41 10/31- 11/1/46	4.09 1/3-4/50

U. S. WEATHER BUREAU

Station: WASHINGTON

Drainage basin: ILLINOIS

County: TAZEWELL

Lat. 40° 42' Long. 89° 24'

Elev.(ft.) 740

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.37 9/46	0.56 29/47	0.75 29/47	1.17 23-24/50	1.44 12-13/50	1.46 12-13/50
Feb.	Amt. Date	0.31 6/42	0.58 5-6/42	0.73 5-6/42	1.42 5-6/42	2.28 5-6/42	2.67 5-6/42
Mar.	Amt. Date	0.75 14/44	0.90 14/44	1.13 14/44	1.40 14/44	1.98 14/44	3.14 14-15/44
Apr.	Amt. Date	1.61 29/47	2.08 29/47	2.83 29/47	2.84 29/47	2.91 29/47	4.04 24/50
May	Amt. Date	1.10 4/50	1.10 4/50	1.10 4/50	1.40 20/43	1.59 1/46	2.22 1-2/46
Jun.	Amt. Date	1.52 15/45	1.90 15/45	1.96 15-16/45	2.02 15-16/45	2.88 15-16/45	3.01 15-16/45
Jul.	Amt. Date	1.05 23/41	1.44 16/50	1.68 25/48	2.00 16/50	2.57 17/50	4.57 16-17/50
Aug.	Amt. Date	0.85 3/43	1.30 3/43	2.04 3/43	2.82 3/43	3.83 2-3/43	4.33 2-3/43
Sep.	Amt. Date	0.95 19/50	1.40 19/50	2.09 19/50	2.54 2/47	2.63 24-25/41	2.63 24-25/41
Oct.	Amt. Date	0.77 2/41	1.09 2/41	1.27 2/41	1.40 2/41	1.72 2/41	2.27 2-3/41
Nov.	Amt. Date	0.47 19/41	0.80 19/41	0.85 19/41	0.94 2-3/46	1.30 2-3/46	1.51 9/42
Dec.	Amt. Date	1.00 26/42	1.17 26/42	1.37 26/42	1.70 26-27/42	2.10 26-27/42	3.16 20-21/49
Annual	Amt. Date	1.61 4/29/47	2.08 4/29/47	2.83 4/29/47	2.84 4/29/47	3.83 8/2-3/43	4.57 7/16-17/50

U. S. WEATHER BUREAU

Station: WATERMAN

Drainage basin: ILLINOIS

County: DE KALB

Lat. 41° 46' Long. 88° 46'

Elev.(ft.) 779

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.45 9/46	0.65 9/46	0.68 9/46	0.95 9/46	1.14 13/50	1.18 13-14/50
Feb.	Amt. Date	0.29 25/44	0.50 23/49	0.58 12-13/49	0.96 12-13/49	1.17 27/48	1.49 27-28/48
Mar.	Amt. Date	0.65 14/44	0.91 14/44	1.06 14/44	1.21 14/44	1.58 13-14/44	2.69 13-14/44
Apr.	Amt. Date	0.49 4/47	0.84 4/47	1.22 4-5/47	1.43 4-5/47	2.25 4-5/47	2.53 4-5/47
May	Amt. Date	0.88 23/44	0.98 23/44	0.98 23/44	1.23 15/43	1.50 14/45	2.10 12-13/45
Jun.	Amt. Date	1.70 10/50	2.45 10/50	2.48 10/50	2.75 3/50	2.85 3/50	3.98 2/50
Jul.	Amt. Date	2.17 27/42	2.22 27/42	2.22 27/42	2.22 27/42	2.22 27/42	2.35 27/42
Aug.	Amt. Date	2.25 17/46	3.75 17/46	4.26 17/46	4.57 17/46	4.58 17/46	4.58 17/46
Sep.	Amt. Date	0.82 19/50	1.38 8/41	1.87 8/41	2.09 8-9/41	2.48 21/47	2.49 21/47
Oct.	Amt. Date	0.60a 26/47	0.93 3/41	1.28 3/41	2.01 3/41	2.62 2-3/41	2.96 2-3/41
Nov.	Amt. Date	0.90 12/45	1.13 6/43	1.37 6/43	1.49 6/43	1.54 6/43	1.73 6-7/43
Dec.	Amt. Date	0.25b 5/48	0.49 11/49	0.61 11/49	0.82 12/46	1.29 12/46	1.43 12/46
Annual	Amt. Date	2.25 8/17/46	3.75 8/17/46	4.26 8/17/46	4.57 8/17/46	4.58 8/17/46	4.58 8/17/46

a. - Also 21/49
b. - Also 11/49

U. S. WEATHER BUREAU

Station: WENONA

Drainage basin: ILLINOIS

County: MARSHALL

Lat. 41° 03' Long. 89° 03'

Elev.(ft.) 700

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 25/50	0.60 25/50	0.68 20/47	0.91 13/50	1.39 13-14/50	1.40 13-14/50
Feb.	Amt. Date	0.30 27/48	0.43 13/49	0.63 12-13/49	0.79 12-13/49	1.16 27/48	1.19 27-28/48
Mar.	Amt. Date	0.43 19/48	0.48 ^a 19/48	0.60 ^b 17/44	0.90 19/48	1.30 18-19/48	1.35 18-19/48
Apr.	Amt. Date	0.83 5/47	1.42 5/47	1.88 5/47	2.35 5/47	2.64 4-5/47	2.85 4-5/47
May	Amt. Date	0.93 25/49	1.02 25/49	1.11 25/49	1.26 22/44	1.30 7-8/43	1.93 14-15/45
Jun.	Amt. Date	1.10 15/45	1.23 3/43	1.32 3-4/43	1.51 3/43	1.70 15-16/45	2.01 17-18/50
Jul.	Amt. Date	1.49 17/50	2.06 17/50	2.09 17/50	2.45 17/50	2.66 17/50	4.90 16-17/50
Aug.	Amt. Date	1.59 2/43	2.72 3/43	3.16 3/43	3.67 2-3/43	5.63 2-3/43	5.67 2-3/43
Sep.	Amt. Date	1.50 21/50	2.77 21/50	2.77 21/50	2.77 21/50	2.77 21/50	4.14 21-22/50
Oct.	Amt. Date	0.98 2/41	1.10 2/41	1.10 2/41	1.44 17/46	1.92 2-3/41	2.49 2-3/41
Nov.	Amt. Date	0.42 ^c 26/40	0.60 26/40	0.85 3/46	1.11 3/46	1.52 2-3/46	1.53 2-3/46
Dec.	Amt. Date	0.44 21/49	0.79 21/49	1.05 21/49	1.50 21/49	1.89 21/49	2.73 20-21/49
Annual	Amt. Date	1.59 8/2/43	2.77 9/21/50	3.16 8/3/43	3.67 8/2-3/43	5.63 8/2-3/43	5.67 8/2-3/43

^a Also 30/49

^b Also 30/49

^c Also 3/46

U. S. WEATHER BUREAU

Station: WEST FRANKFORT

Drainage basin: MISSISSIPPI

County: FRANKLIN

Lat. 37° 54' Long. 88° 48'

Elev.(ft.) 480

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 30/47	0.88 31/47-1/48	1.18 31/47-1/48	1.72 31/47-1/48	3.35 31/47-1/48	3.58 31/47-1/48
Feb.	Amt. Date	0.72 14/49	1.08 14-15/49	1.12 14-15/49	1.76 25-26/45	2.79 25-26/45	2.81 25-26/45
Mar.	Amt. Date	0.66 19/45	1.09 19/45	1.34 19/45	1.50 19/45	2.31 18-19/43	2.57 18-19/43
Apr.	Amt. Date	1.11 10/44	1.42 10-11/44	1.62 10-11/44	1.85 10-11/44	1.86 10-11/44	2.36 10-11/44
May	Amt. Date	1.14 27/50	1.92 27/50	2.04 27/50	2.27 10/43	2.36 10/43	2.90 9-10/43
Jun.	Amt. Date	1.53 30/45	2.33 29/41	3.23 29/41	3.60 29/41	3.60 29/41	3.60 29/41
Jul.	Amt. Date	1.36 11/40	1.70 11/40	2.14 10/46	2.22 10/46	2.22 10/46	2.32 8-9/42
Aug.	Amt. Date	2.07 3/42	2.39 3/42	2.60 15/46	3.91 10-11/45	4.97 10-11/45	5.72 15-16/46
Sep.	Amt. Date	1.00 2/50	1.12 4/43	1.12 4/43	1.57 12-13/43	2.42 12-13/43	2.51 12-13/43
Oct.	Amt. Date	0.99 14/41	1.38 14/41	1.40 14/41	1.60E 26/47	2.89E 26-27/47	3.55 26-27/47
Nov.	Amt. Date	0.82 7/43	0.88 6-7/43	1.18 5/48	1.67 4-5/48	1.70 4-5/48	1.73 4-5/48
Dec.	Amt. Date	0.56 22/41	0.88 31/47-1/48	1.18 31/47-1/48	1.84 22/41	3.35 31/47-1/48	3.58 31/47-1/48
Annual	Amt. Date	2.07 8/3/42	2.34 8/3/42	3.23 6/29/41	3.91 8/10-11/45	4.97 8/10-11/45	5.72 8/15-16/46