

U. S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

*Hydrograph
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TECHNICAL PAPER NO. 15

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

Part XIII: Kentucky

Weather Bureau Technical Papers

- | | | |
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| No. 14. | Tables of precipitable water and other factors for a saturated pseudo-adiabatic atmosphere. Washington, D. C. 1951. | .20 |
| No. 15. | Maximum station precipitation for 1, 2, 3, 6, 12, and 24 hours: Part I: Utah, Part II: Idaho. 1951, each .25; Part III: Florida. 1952, .45; Part IV: Maryland, Delaware, and District of Columbia; Part V: New Jersey. 1953, each .25; Part VI: New England. 1953, .60; Part VII: South Carolina. 1953, .25; Part VIII: Virginia. 1954, .50; Part IX: Georgia. 1954, .40; Part X: New York. 1954, .60; Part XI: North Carolina; Part XII: Oregon. 1955, each .55. | |
| No. 16. | Maximum 24-hour precipitation in the United States. Washington, D. C. 1952. | \$1.25 |
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| No. 24. | Rainfall intensities for local drainage design in the United States. For durations of 5 to 240 minutes and 2-, 5-, and 10-year return periods. Part I: West of 115th meridian. Washington, D. C. 1953, .20; Part II: Between 105° W. and 115° W. Washington, D. C. | .15 |

U. S. DEPARTMENT OF COMMERCE

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WEATHER BUREAU

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TECHNICAL PAPER NO. 15

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

Part XIII: Kentucky

DIVISION OF HYDROLOGIC SERVICES

HYDROMETEOROLOGICAL SECTION

In cooperation with
CORPS OF ENGINEERS, U. S. ARMY



WASHINGTON, D. C.

September 1955

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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 the case of some Weather Bureau first-order stations, the maxima for 1-, 2-, 24-, and some 3-hour durations are true maxima, i.e., the interval is actually for the period of maximum precipitation and does not necessarily begin on the hour. True maxima are indicated by footnotes in the tabulations.

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

1. Yarnell, D. L., "Rainfall Intensity-Frequency Data," U. S. Department of Agriculture Miscellaneous Publication No. 204, August 1935.

Shands, A. L. and D. Ammerman, "Maximum Recorded United States Point Rainfall," Weather Bureau Technical Paper No. 2, April 1947.

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

Since this survey was confined to the period covered by recording gages, the 24-hour maximum amounts listed may be exceeded by 24-hour maxima published in reports² of other surveys supplementing the recording-gage data with

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

antecedent nonrecording-gage records. Although it would have been an easy matter to use these higher maxima, it was believed preferable to list maxima for all durations for the same period of record.

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

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

The monthly distribution of occurrences of the maximum amounts at the 58 stations with five or more years of record are shown in table 3.

A. E. Brown, Jr. supervised the project for Kentucky. John T. Lindgren compiled the data which were then checked by Cora Ludwig. Edna L. Grooms typed the manuscript.

Table 1. - Maximum monthly precipitation amounts for Kentucky

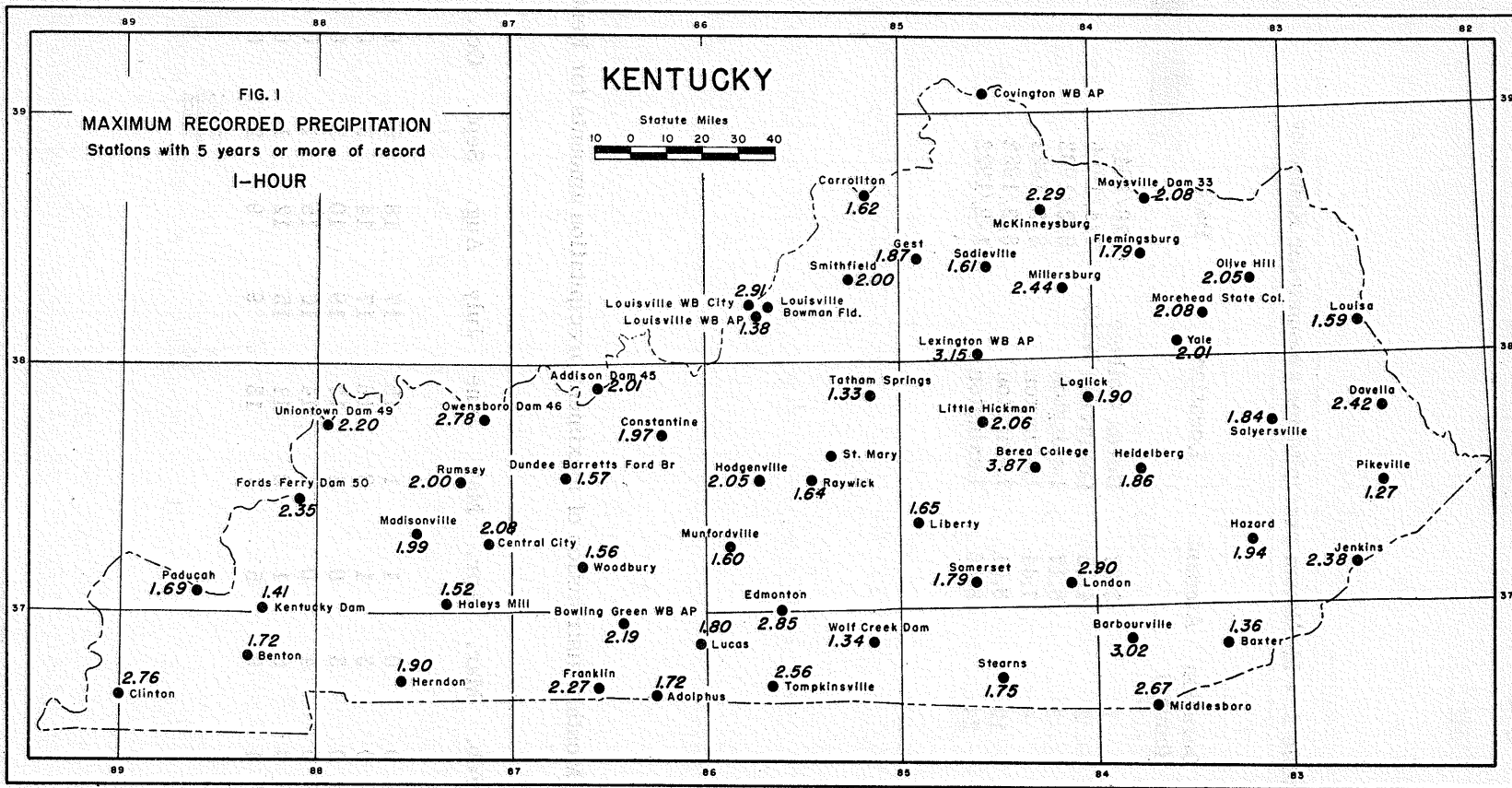
Duration (hours)	Amount	Location	Date	Duration (hours)	Amount	Location	Date
JANUARY							
1	1.45	Paducah	30/1947	1	3.15	Lexington	3/1931
2	2.05	Wolf Creek Dam	7/1946	2	4.35	Louisville WBO	4/1896
3	2.88	Wolf Creek Dam	7/1946	3	4.55	Louisville WBO	4/1896
6	4.00	Tompkinsville	6-7/1946	6	4.66	Louisville WBO	4/1896
12	4.53	Wolf Creek Dam	6-7/1946	12	4.66	Louisville WBO	4/1896
24	5.10	Wolf Creek Dam	6-7/1946	24	5.50	Louisville WBO	4/1896
FEBRUARY							
1	1.40	Edmonton	13/1948	1	3.02	Barbourville	15/1949
2	2.00	Edmonton	13/1948	2	4.10	Lexington	2/1932
3	2.03	Edmonton	13/1948	3	6.17	Lexington	2/1932
6	2.70	Edmonton	13/1948	6	7.44	Lexington	2/1932
12	3.81	Herndon	13-14/1949	12	8.01	Lexington	2/1932
24	5.18	Clinton	13-14/1949	24	8.06	Lexington	1-2/1932
MARCH							
1	1.48	Dundee Barrett's Ford	18/1945	1	2.78	Owensboro Dam 46	5/1949
2	2.02	Stearns	16/1948	2	3.49	Owensboro Dam 46	5/1949
3	3.05	Stearns	16/1948	3	4.01	Lexington	3/1922
6	4.60	Uniontown Dam 49	19/1943	6	5.44	Lexington	3/1922
12	7.12	Uniontown Dam 49	18-19/1943	12	5.45	Lexington	3/1922
24	7.67	Uniontown Dam 49	18-19/1943	24	5.45	Lexington	3/1922
APRIL							
1	1.51	Fords Ferry Dam 50	11/1944	1	1.22	Adolphus	5/1944
2	2.05	Somerset	7/1948	2	1.77	Haleys Mill	27/1947
3	2.25	Somerset	7/1948	3	2.24	Paducah	27/1947
6	2.83	Lexington	12-13/1948	6	2.73	Paducah	27/1947
12	3.51	Lexington	12-13/1948	12	3.97	Louisville WBO	5-6/1910
24	4.50	Central City	8-9/1942	24	5.06	Louisville WBO	5-6/1910
MAY							
1	1.94	Franklin	20/1943	1	1.41	Kentucky Dam	14/1944
2	2.51	Louisa	19/1942	2	2.13	Louisville WBO	20/1906
3	2.70	Adolphus	19/1947	3	2.36	Louisville WBO	17/1921
6	3.59	Clinton	10/1943	6	2.98	Louisville WBO	17/1921
12	4.94	Paducah	10-11/1943	12	2.98	Hodgenville	5/1948
24	5.02	Paducah	10-11/1943	24	5.28	Hodgenville	5/1948
JUNE							
1	3.87	Berea College	26/1943	1	1.30	Clinton	11/1949
2	4.16	Berea College	26/1943	2	2.03	Clinton	11/1949
3	4.41	Clinton	8/1945	3	2.38	Clinton	11/1949
6	6.18	St. Mary	14/1950	6	3.17	Franklin	11-12/1949
12	6.53	Tompkinsville	15/1949	12	3.82	Franklin	11-12/1949
24	6.90	Tompkinsville	15/1949	24	5.08	Bowling Green	11-12/1949
JULY							
AUGUST							
SEPTEMBER							
OCTOBER							
NOVEMBER							
DECEMBER							

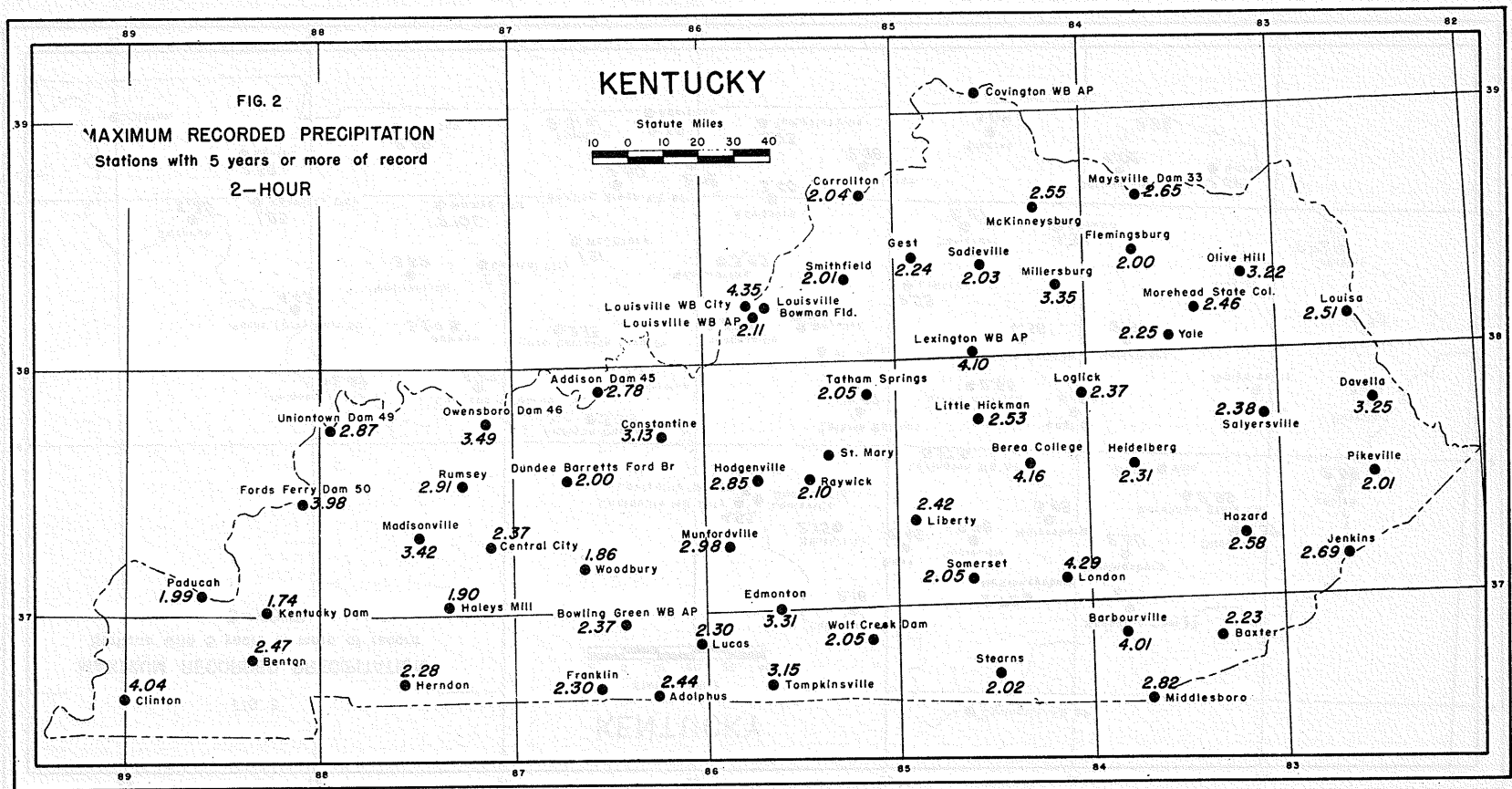
Table 2. - Maximum precipitation amounts for Kentucky

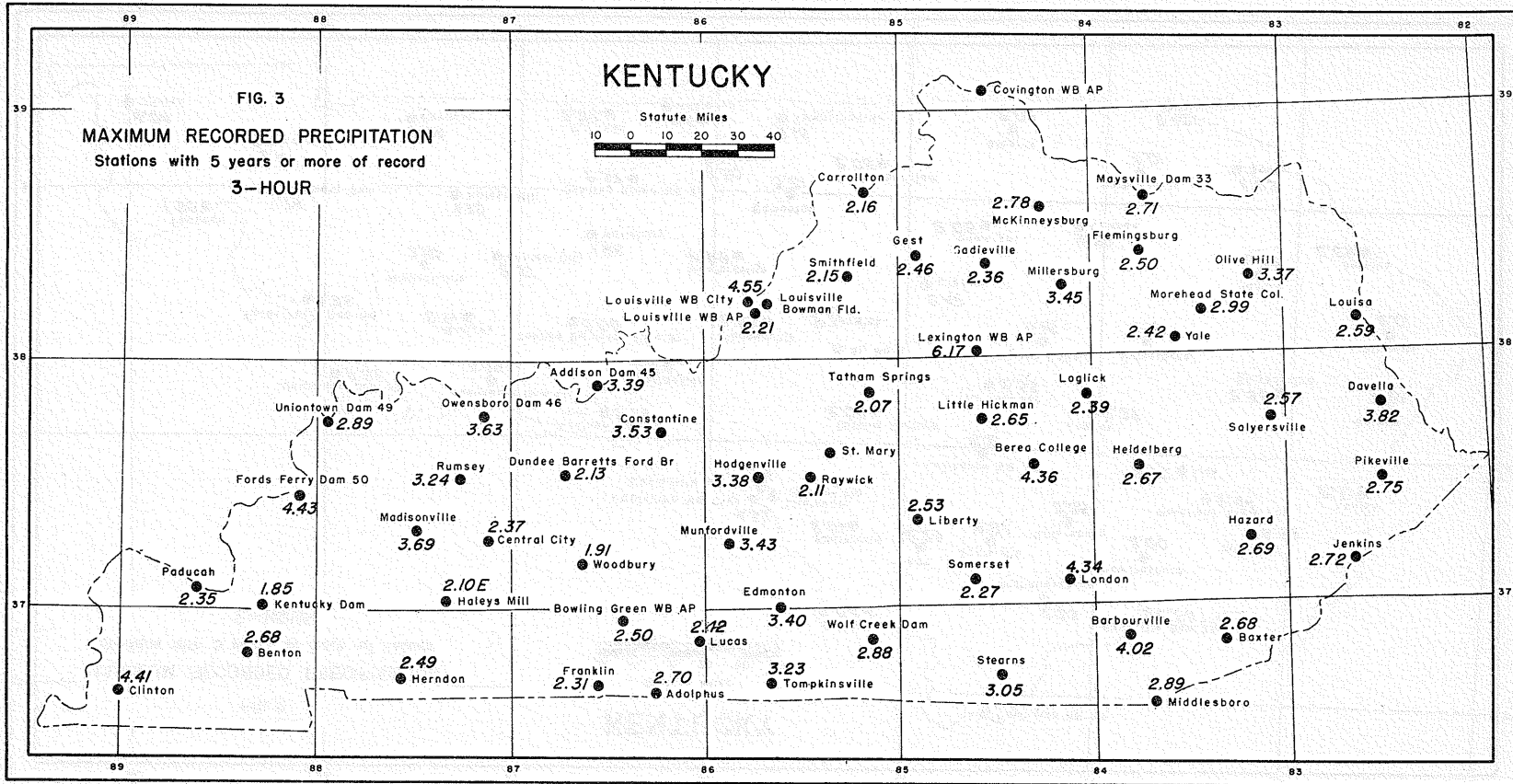
Duration (hours)	Amount	Location	Date
1	3.87	Berea College	6/26/1943
2	4.35	Louisville WBO	7/4/1896
3	6.17	Lexington	8/2/1932
6	7.44	Lexington	8/2/1932
12	8.01	Lexington	8/2/1932
24	8.06	Lexington	8/1-2/1932

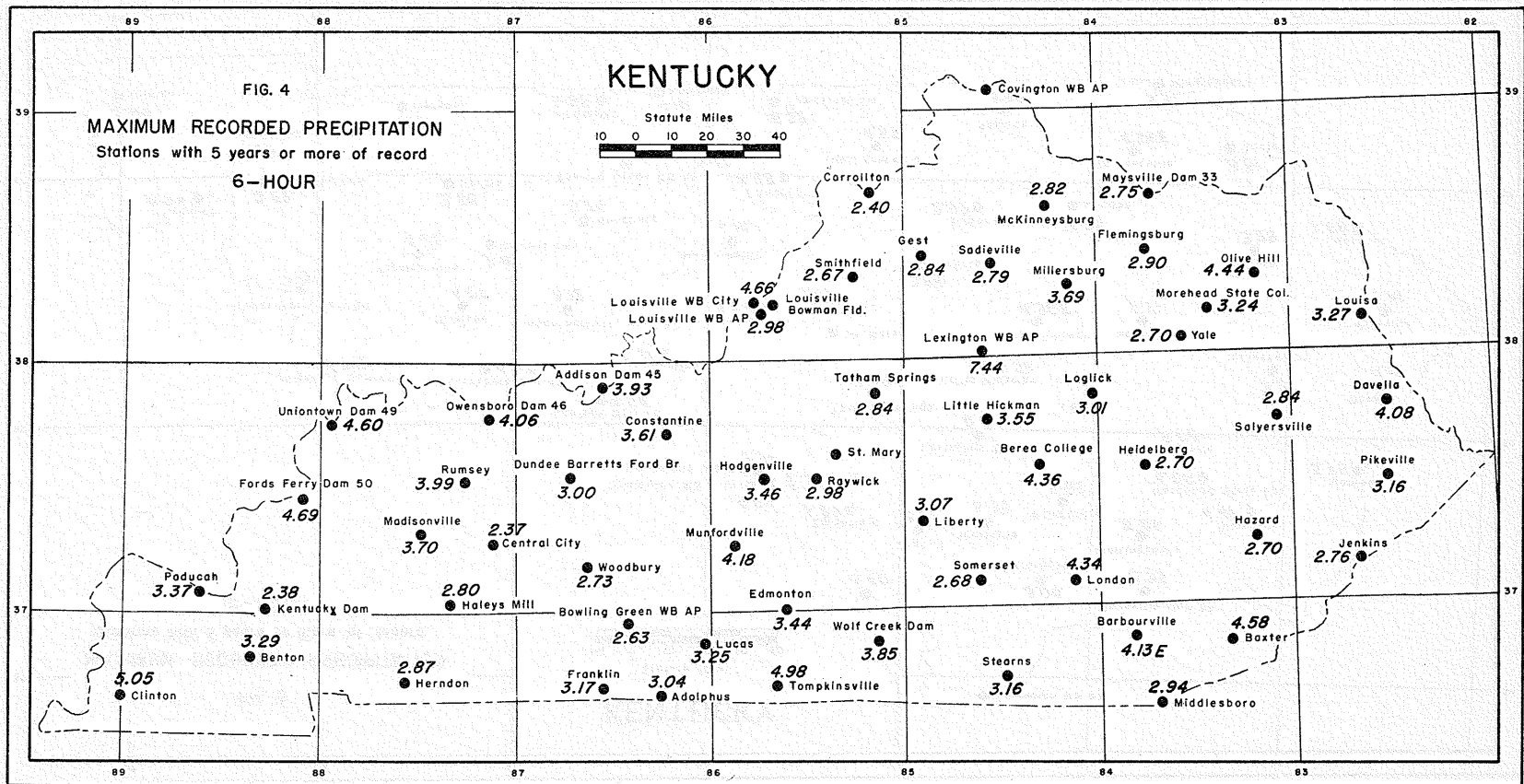
Table 3. - Monthly distribution of maximum precipitation amounts for Kentucky

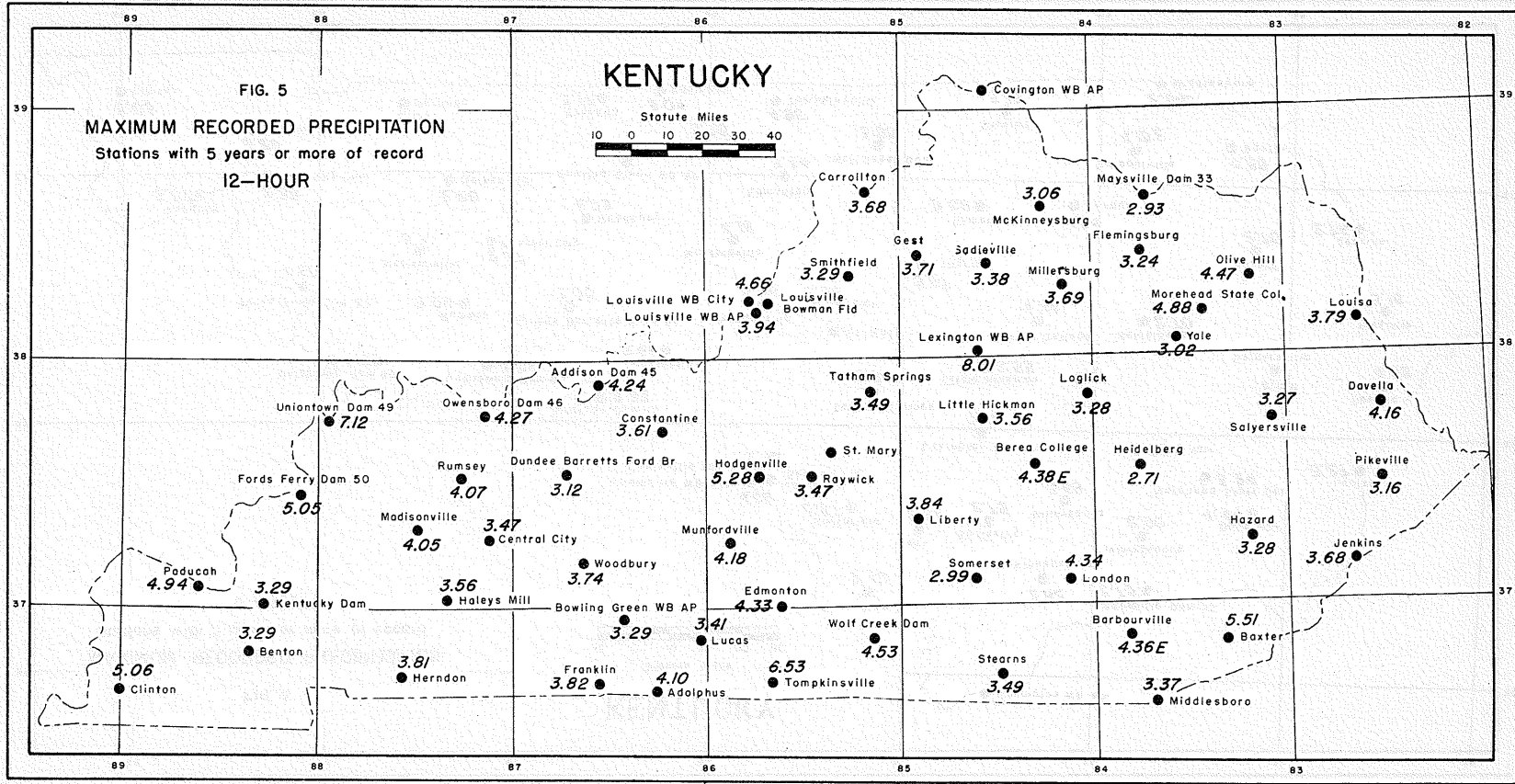
Duration (hours)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	0	0	1	1	15	17	18	5	0	1	0
2	1	0	3	1	3	16	17	14	3	0	0	0
3	1	0	3	0	4	17	19	10	3	0	0	1
6	1	0	4	0	2	14	16	15	1	0	3	2
12	2	3	6	1	2	11	15	12	1	0	4	1
24	2	4	9	5	1	13	9	9	2	0	2	2

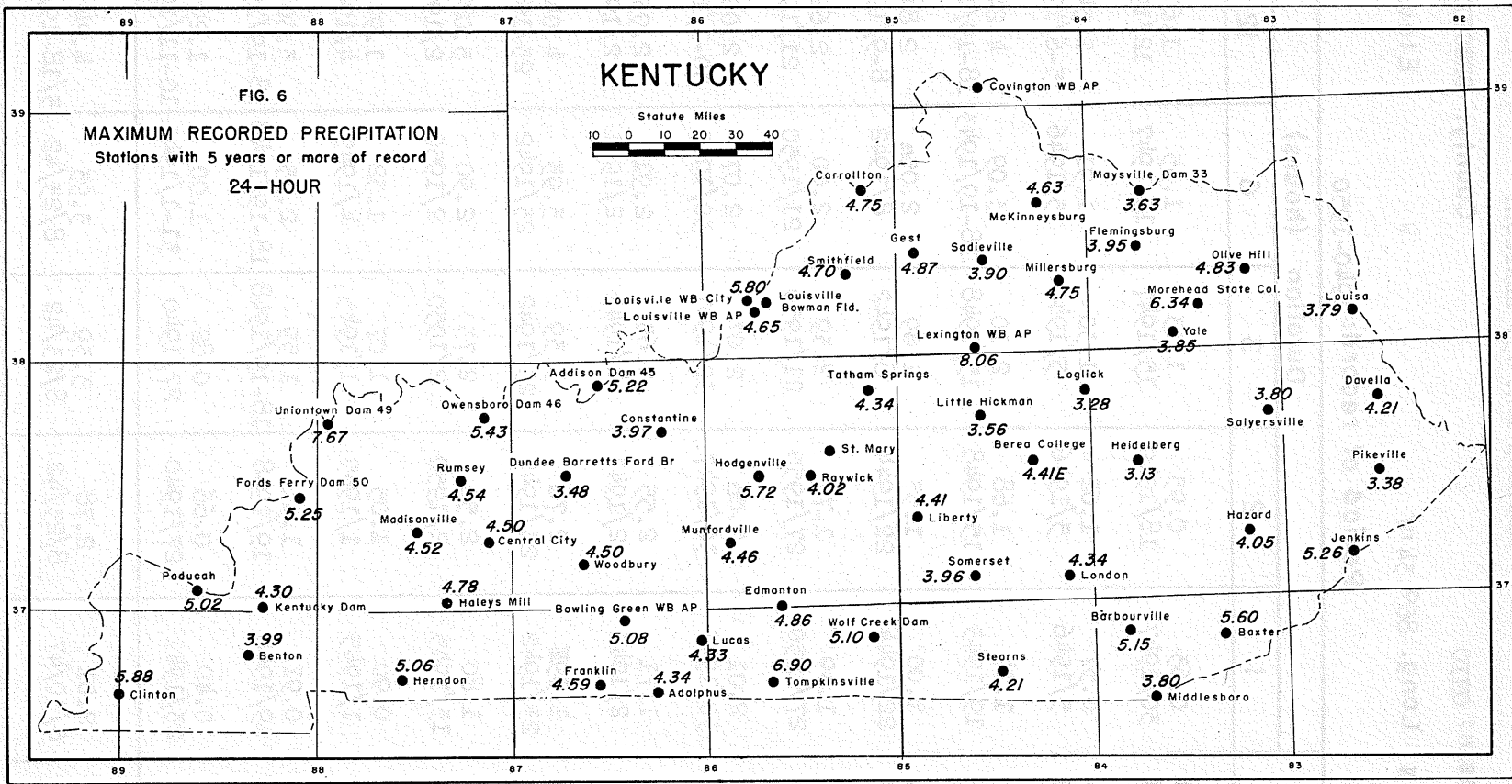












Station: ADDISON DAM 45, KENTUCKY

Drainage basin: OHIO

County: BRECKINRIDGE

Lat. 37° 55' N Long. 86° 34' W

Elev.(ft.) 380

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.63 30/1947	0.95 18/1949	1.13 15/1947	1.35 15/1947	1.67 12/1950	2.21 12-13/1950
Feb.	Amt. Date	0.57 5/1946	1.02 5/1946	1.30 5/1946	1.91 5/1946	2.54 5-6/1946	3.07E 25-26/1945
Mar.	Amt. Date	1.24 19/1943	1.68 15/1948	2.10 15/1948	3.09 18-19/1943	4.24 18-19/1943	5.22 18-19/1943
Apr.	Amt. Date	1.00 22/1944	1.57 22/1944	1.69 8/1942	2.05a 8/1942	2.84 8-9/1942	4.09 8-9/1942
May	Amt. Date	1.49 27/1950	1.71 27/1950	2.39 21/1950	2.60 21/1950	2.62 21/1950	2.65b 10-11/1943
Jun.	Amt. Date	2.01 30/1947	2.06 30/1947	2.07 30/1947	2.07 30/1947	2.09 30-1/1947	2.14 3/1950
Jul.	Amt. Date	1.71 2/1941	2.55 2/1941	2.63 2/1941	2.91 2/1941	2.93 2/1941	3.06 2-3/1941
Aug.	Amt. Date	1.39E 23/1942	2.78 23/1942	3.39 23/1942	3.93 23/1942	4.04 23/1942	4.04 23/1942
Sep.	Amt. Date	1.80 13/1945	2.50 2/1950	2.73 2/1950	2.90 2/1950	3.08 2/1950	4.99 2-3/1950
Oct.	Amt. Date	0.90 1/1945	1.05 1/1945	1.07 1/1945	1.52 4/1949	1.92 4/1949	2.38 3-4/1949
Nov.	Amt. Date	0.91 19/1948	1.31 19/1948	1.59 18-19/1948	2.35 18-19/1948	3.36 18-19/1948	3.40 18-19/1948
Dec.	Amt. Date	0.40 23/1941	0.66 27/1940	0.82 27/1940	1.00 31-1/1941	1.29 10-11/1949	1.94 31-1/1941
Annual	Amt. Date	2.01 6/30/47	2.78 8/23/42	3.39 8/23/42	3.93 8/23/42	4.24 3/18-19/43	5.22 3/18-19/43

a Also 22-23/1944. b Also 21-22/1950.

Station: ADOLPHUS, KENTUCKY

Drainage basin: GREEN

County: ALLEN

Lat. 36° 39'N Long. 86° 16'W

Elev.(ft.) 600

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.67 5/1949	1.15 1/1948	1.46 1/1948	2.22 1/1948	2.36 31-1/1948	3.34 31-1/1945
Feb.	Amt. Date	0.65 21/1945	0.92 21/1945	1.03 21/1945	1.70 21/1945	2.16 13-14/1950	2.77 12-13/1948
Mar.	Amt. Date	0.88 16/1948	1.10 16/1948	1.34 16/1948	1.91 18/1943	2.11 18-19/1943	2.58 18-19/1943
Apr.	Amt. Date	0.87 24/1945	1.19 24/1945	1.24 24/1945	1.28 9/1942	2.13 8-9/1942	2.24 8-9/1942
May	Amt. Date	1.37 19/1947	2.42 19/1947	2.70 19/1947	2.75 19/1947	2.78 19/1947	3.11 18-19/1947
Jun.	Amt. Date	1.07 14/1949	2.07 14/1949	2.29 14/1949	3.04 28/1943	4.10 14/1949	4.34 14-15/1949
Jul.	Amt. Date	1.18 5/1949	1.47 3/1941	1.90 3/1941	2.26 3/1941	2.79 3/1941	3.78 3-4/1941
Aug.	Amt. Date	1.66 16/1946	2.44 3/1942	2.45 3/1942	2.75 3/1942	2.79 3/1942	2.81 3-4/1942
Sep.	Amt. Date	1.72 4/1944	2.15 4/1944	2.16 4/1944	2.16 4/1944	2.16 4/1944	2.16 4/1944
Oct.	Amt. Date	1.22 5/1944	1.47 5/1944	1.78 5/1944	2.18 5/1944	2.24 5/1944	2.24 5/1944
Nov.	Amt. Date	0.88 20/1950	1.02 20/1950	1.27 21/1942	1.59 21/1942	2.20 2-3/1945	2.22 21-22/1942
Dec.	Amt. Date	0.82 27/1942	1.25 27/1942	1.51 27/1942	1.80 31/1944	2.79 31/1944	3.34 31/1944
Annual	Amt. Date	1.72 9/4/44	2.44 8/3/42	2.70 5/19/47	3.04 6/28/43	4.10 6/14/49	4.34 6/14-51/49

Station: BARBOURVILLE, KENTUCKY

Drainage basin: CUMBERLAND

County: KNOX

Lat. 36° 52'N Long. 83° 53'W

Elev.(ft.) 1000

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.72 7/1946	1.07 7/1946	1.22 7/1946	1.57 7/1946	2.67 7/1946	3.40 7-8/1946
Feb.	Amt. Date	0.48 17/1944	0.60 17/1944	0.80 17/1944	1.45 17/1944	2.47 17/1944	2.81 16-17/1944
Mar.	Amt. Date	0.62 16/1948	1.18 16/1948	1.61 16/1948	1.78 16/1948	2.02 16/1948	2.26 17-18/1948
Apr.	Amt. Date	1.16 16/1945	1.47 16/1945	1.77 16/1945	2.32 16-17/1945	3.14 27/1949	3.20 27/1949
May	Amt. Date	0.83 21/1947	0.94 21/1947	1.06 12/1950	1.40 12/1950	1.44 12/1950	1.93 11-12/1950
Jun.	Amt. Date	1.85 28/1947	2.78 28/1947	2.84 28/1947	3.12 28/1947	3.15 28/1947	3.19 27-28/1947
Jul.	Amt. Date	0.93 21/1946	1.47 8/1946	1.48 8/1946	1.49 8-9/1946	1.64 8/1946	1.71 8-9/1946
Aug.	Amt. Date	3.02 15/1949	4.01 15/1949	4.02 15/1949	4.13E 15/1949	4.36E 15-16/1949	5.15 15-16/1949
Sep.	Amt. Date	1.28 21/1944	1.31 21/1944	1.50 2/1944	1.92 2/1944	2.03 28-29/1944	2.20 28-29/1944
Oct.	Amt. Date	0.32 12/1949	0.47a 31/1942	0.62 31/1942	0.94 31/1942	1.25 31/1942	1.27 31/1942
Nov.	Amt. Date	0.64 2/1945	1.12 2/1945	1.27 2/1945	2.04 2/1945	2.70 2-3/1945	2.95 2-3/1945
Dec.	Amt. Date	0.40 31/1944	0.63 31/1944	0.80 31/1944	1.12 31-1/1944	1.31 31-1/1944	1.96 29-30/1942
Annual	Amt. Date	3.02 8/15/49	4.01 8/15/49	4.02 8/15/49	4.13E 8/15/49	4.36E 8/15-16/49	5.15 8/15-16/49

a Also 25/1946.

Station: BAXTER, KENTUCKY

Drainage basin: CUMBERLAND

County: HARLAN

Lat. 36° 51' N Long. 83° 20' W

Elev.(ft.) 1164

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.02 7/1946	1.36 7/1946	1.50 7/1946	1.83 7/1946	3.32 7/1946	4.05 7-8/1946
Feb.	Amt. Date	0.40 17/1944	0.57 17/1944	0.89 17/1944	1.56 17/1944	2.88 17/1944	3.19 16-17/1944
Mar.	Amt. Date	0.81 16/1942	1.55 16-17/1942	1.80 16-17/1942	2.40 16-17/1942	2.46 16-17/1942	2.46 16-17/1942
Apr.	Amt. Date	0.81a 11/1944	1.09 16/1945	1.34 16-17/1945	1.78 16-17/1945	2.12 27/1949	2.13 27/1949
May	Amt. Date	0.65 21/1947	0.94 22/1949	1.00 22/1949	1.42 7/1950	1.58 7/1950	1.65 6-7/1950
Jun.	Amt. Date	1.31 28/1947	2.23 30/1942	2.68 28/1947	4.58 28/1947	5.51 28/1947	5.60 27-28/1947
Jul.	Amt. Date	1.16 19/1941	2.02 25/1942	2.07 25/1942	2.08 25/1942	2.08 25/1942	2.08 25/1942
Aug.	Amt. Date	1.07 16/1943	1.67 4/1942	2.14 4/1942	2.56 4/1942	2.56 4/1942	3.25 4-5/1942
Sep.	Amt. Date	1.36 5/1947	1.53 5/1947	1.57 5-6/1947	1.64 21-22/1950	2.36 28-29/1944	2.47 28-29/1944
Oct.	Amt. Date	0.53 18/1947	0.62 27/1941	0.66 27/1941	0.90 17/1948	1.10 25/1946	1.62 15-16/1943
Nov.	Amt. Date	0.43 13/1949	0.67 20/1950	0.92 6/1948	1.77 6/1948	2.07 5-6/1948	2.08 5-6/1948
Dec.	Amt. Date	0.36 31/1944	0.47 31/1944	0.65 12-13/1941	0.99 12-13/1941	1.57 6-7/1950	1.61 6-7/1950
Annual	Amt. Date	1.36 9/5/47	2.23 6/30/42	2.68 6/28/47	4.58 6/28/47	5.51 6/28/47	5.60 6/27-28/47

a Also 7/1948.

Station: BENTON, KENTUCKY

Drainage basin: TENNESSEE

County: MARSHALL

Lat 36° 51' N Long. 88° 21' W

Elev.(ft.) 380

Period of record: 1944-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.48 26/1950	0.60 4/1950	0.85 8/1946	1.30 8/1946	2.05 7-8/1946	2.90 7-8/1946
Feb.	Amt. Date	0.72 5/1946	0.83 5/1946	1.12 12/1950	1.46 12/1950	2.10 5-6/1946	3.90E 13-14/1949
Mar.	Amt. Date	1.05 26/1949	1.53 26/1948	1.56 26/1948	1.70 27/1950	1.81 27/1950	2.29 25-26/1949
Apr.	Amt. Date	1.05 10/1947	1.22 10/1947	1.39 10/1947	2.25 12/1945	2.32 12/1945	2.32 12/1945
May	Amt. Date	0.76 7/1950	1.18 24/1946	1.66 24/1946	1.67 24/1946	2.70 24-25/1946	2.93 24-25/1946
Jun.	Amt. Date	1.72 18/1949	2.25 18/1949	2.68 18/1949	3.06 18/1949	3.16 18/1949	3.16 18/1949
Jul.	Amt. Date	1.04 28/1947	1.58 28/1947	1.58 28/1947	1.58 28/1947	1.66 5/1946	1.66 5/1946
Aug.	Amt. Date	1.70 11/1945	2.47 11/1945	2.48 11/1945	3.29 12/1949	3.29 12/1949	3.99 11-12/1949
Sep.	Amt. Date	0.74 17/1949	1.19 17/1949	1.51 17/1949	1.65 17/1949	2.01 9/1947	2.08 9-10/1947
Oct.	Amt. Date	0.58 27/1947	0.91 27/1947	1.13 27/1947	1.76 27/1947	1.83 27/1947	2.13 27/1947
Nov.	Amt. Date	1.09 2/1948	1.27 9/1944	1.43 9/1944	2.09 5/1948	2.91 5/1948	2.91 5/1948
Dec.	Amt. Date	0.70 11/1949	1.11 11/1949	1.36 11/1949	1.80 15/1948	2.35 15/1948	3.71 14-15/1948
Annual	Amt. Date	1.72 6/18/49	2.47 8/11/45	2.68 6/18/49	3.29 8/12/49	3.29 8/12/49	3.99 8/11-12/49

Station: BEREA COLLEGE, KENTUCKY

Drainage basin: KENTUCKY

County: MADISON

Lat. 37° 34' N Long. 84° 18' W

Elev.(ft.) 1070

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.61 15/1947	0.91 15/1947	1.01 15/1947	1.43 4-5/1950	1.99 4-5/1950	2.63 31-1/1945
Feb.	Amt. Date	0.49 28/1945	0.71 28/1945	0.97 21/1945	1.65 21/1945	1.88 21-22/1945	2.74E 13-14/1949
Mar.	Amt. Date	0.92 5/1945	1.37 5/1945	1.62 5/1945	2.33 5/1945	3.83 5/1945	4.00 5/1945
Apr.	Amt. Date	0.98 11/1944	1.52 11/1944	1.69 11/1944	1.80 11/1944	2.42 12/1948	3.34 12-13/1948
May	Amt. Date	1.01 16/1949	1.25 16/1949	1.30 29/1948	1.71 29/1948	1.84 28-29/1948	1.97 28-29/1948
Jun.	Amt. Date	3.87 26/1943	4.16 26/1943	4.36 26/1943	4.36 26/1943	4.38E 26/1943	4.41E 26-27/1943
Jul.	Amt. Date	1.37 8/1942	1.62 13/1950	2.06 13/1950	2.22 13/1950	2.32 5/1950	2.70 12-13/1950
Aug.	Amt. Date	1.75 14/1949	2.21 14/1949	2.21 14/1949	2.53 23/1942	2.81 23/1942	2.86 23/1942
Sep.	Amt. Date	0.85 13/1946	0.97 13/1946	1.10 23/1945	1.10 23/1945	1.25 2/1950	1.43 2/1950
Oct.	Amt. Date	0.57 11/1946	0.75a 11/1946	0.98 30/1949	1.37 30/1949	1.88 30/1949	2.05 11-12/1946
Nov.	Amt. Date	0.73 28/1949	0.82 21/1942	0.88 5/1948	1.63 5/1948	2.20 5-6/1948	2.45 2-3/1945
Dec.	Amt. Date	0.60 12/1946	0.78 31/1944	0.90 31/1944	1.39 29-30/1942	1.91 31/1944	2.63 31-1/1944
Annual	Amt. Date	3.87 6/26/43	4.16 6/26/43	4.36 6/26/43	4.36 6/26/43	4.38E 6/26/43	4.41E 6/26-27/43

a Also 30/1949.

Station: BOWLING GREEN WB APT, KENTUCKY

Drainage basin: GREEN

County: WARREN

Lat. 36° 58'N Long. 86° 26'W

Elev.(ft.) 535

Period of record: 1941- November 1942, May 1945- 1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.58 30/1947	0.81 30/1950	1.10 30/1950	1.29 30/1950	1.60 30-31/1950	2.29 4-5/1950
Feb.	Amt. Date	0.77 14/1949	1.07 14/1949	1.25 14/1949	2.17 14/1949	2.94 13-14/1949	4.03 31-14/1949
Mar.	Amt. Date	0.80 26/1948	1.34 26/1948	2.07 26/1948	2.09 26/1948	2.11 25-26/1946	3.11 26/1948
Apr.	Amt. Date	0.94 15/1947	1.77 15/1947	2.07 15/1947	2.53 15-16/1947	2.56 15-16/1947	3.35 12-13/1948
May	Amt. Date	0.92 15/1946	1.15 3/1942	1.46 3/1942	1.55 3/1942	1.81 27/1950	1.96 31-1/1946
Jun.	Amt. Date	1.69 21/1948	1.72 21/1948	1.73 21/1948	1.75 21/1948	2.43 14/1949	3.09 14-15/1949
Jul.	Amt. Date	1.34 3/1941	1.84 3/1941	2.29 31-1/1947	2.31 31-1/1947	2.32 31-1/1947	2.32 31-1/1947
Aug.	Amt. Date	2.19 28/1949	2.37 28/1949	2.50 28/1949	2.52 28/1949	2.75 28/1949	2.75 28/1949
Sep.	Amt. Date	0.80 13/1945	1.25 13/1945	1.29 13/1945	1.31 13/1945	1.61 13/1945	1.88 22-23/1946
Oct.	Amt. Date	0.57 27/1947	1.08 27/1947	1.31 30/1942	2.00 30-31/1942	2.51 30-31/1942	2.73 30-31/1942
Nov.	Amt. Date	1.08 5/1948	1.67 5/1948	2.20 5/1948	2.63 5/1948	3.29 5/1948	3.66 5/1948
Dec.	Amt. Date	0.76 12/1949	1.23 12/1949	1.65 12/1949	2.49 11-12/1949	3.28 11-12/1949	5.08 11-12/1949
Annual	Amt. Date	2.19 8/28/49	2.37 8/28/49	2.50 8/28/49	2.63 11/5/48	3.29 11/5/48	5.08 12/11-12/49

Station: CARROLLTON, KENTUCKY

Drainage basin: KENTUCKY

County: CARROLL

Lat. 38° 41' N Long. 85° 10' W

Elev.(ft.) 475

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.59 15/1950	0.79 15/1950	0.81 25/1950	1.25 5-6/1950	1.79 5-6/1950	1.90 5-6/1950
Feb.	Amt. Date	0.86 8/1950	1.37 8/1950	1.52 8/1950	2.10 13/1948	2.59 26/1945	3.49 25-26/1945
Mar.	Amt. Date	1.14 19/1943	1.63 19/1943	1.82 19/1943	2.40 19/1943	3.68 19/1943	4.75 18-19/1943
Apr.	Amt. Date	1.05 7/1948	1.17 3/1950	1.28 3/1950	1.82 11-12/1948	2.39 11-12/1948	3.20 11-12/1948
May	Amt. Date	0.67 16/1941	0.83 16/1941	0.84 16/1941	1.03 10/1950	1.48 10/1950	1.58 9-10/1950
Jun.	Amt. Date	0.80a 4/1943	1.29 7/1942	1.71 2/1941	2.29 2/1941	2.59 18-19/1950	2.97 15-16/1949
Jul.	Amt. Date	1.22 12/1941	2.04 19/1946	2.16 19/1946	2.30 19-20/1946	2.54E 29/1943	3.06E 29/1943
Aug.	Amt. Date	1.62 1/1950	1.86 1/1950	1.86 1/1950	1.86 1/1950	1.86b 21-22-/1944	2.18 9-10/1950
Sep.	Amt. Date	0.92 4/1944	1.03 12/1947	1.06 12/1950	1.39 12/1947	1.65 12/1947	1.79 26-27/1945
Oct.	Amt. Date	0.75 1/1945	0.87 1/1945	1.04 27/1947	1.47 31/1941	1.78 31/1941	2.01 31-1/1941
Nov.	Amt. Date	0.55 20/1950	0.72 20/1950	0.96 5/1948	1.74 5/1948	2.85 5/1948	3.21 5/1948
Dec.	Amt. Date	0.50 14/1948	0.96 14/1948	1.32 14/1948	1.87 14/1948	2.77 14-15/1948	3.79 14-15/1948
Annual	Amt. Date	1.62 8/1/50	2.04 7/19/46	2.16 7/19/46	2.40 3/19/43	3.68 3/19/43	4.75 3/18-19/43

a Also 18/1950.

b Also 1/1950.

Station: CENTRAL CITY, KENTUCKY

Drainage basin: GREEN

County: MUHLENBERG

Lat. 37° 19' N Long. 87° 07' W

Elev.(ft.) 440

Period of record: 1942- 1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.59 30/1947	0.68 18/1949	0.89 15/1947	1.42 8/1946	1.92 8/1946	1.93a 8/1946
Feb.	Amt. Date	0.67 25/1944	0.97 25/1944	1.17 25/1944	1.46 25/1944	1.85 12-13/1946	2.33 12-13/1946
Mar.	Amt. Date	0.51 19/1945	0.88 15/1948	0.98 1/1948	1.22 26/1948	1.47E 27/1947	1.80 26/1948
Apr.	Amt. Date	0.81 8/1942	1.34 8/1942	1.68 8/1942	2.22 8/1942	3.47 8-9/1942	4.50 8-9/1942
May	Amt. Date	1.39 15/1945	1.60 15/1945	1.72 15/1945	1.74 15/1945	1.79 15/1945	2.47 3-4/1944
Jun.	Amt. Date	1.68 10/1950	1.82 10/1950	1.91 10/1950	1.92 10/1950	1.92 10/1950	2.06 7-8/1945
Jul.	Amt. Date	2.08 31/1947	2.37 31/1947	2.37 31/1947	2.37 31/1947	2.40 31-1/1947	2.40 31-1/1947
Aug.	Amt. Date	1.29 13/1944	1.65 13/1944	1.67 13/1944	2.17 13/1944	2.67 13-14/1944	2.72 13-14/1944
Sep.	Amt. Date	0.70 13/1945	1.08 13/1945	1.10 13/1945	1.24 21/1945	1.25 21-22/1945	1.76 2-3/1950
Oct.	Amt. Date	0.87 27/1947	1.27 27/1947	1.52 27/1947	1.95 27/1947	2.19 27/1947	2.25 26-27/1947
Nov.	Amt. Date	0.93 19/1948	1.25 18-19/1948	1.43 18-19/1948	1.93 18-19/1948	3.09 18-19/1948	3.18 18-19/1948
Dec.	Amt. Date	0.57 2/1950	0.87 2-3/1950	1.15 2-3/1950	1.60 2-3/1950	1.65 2-3/1950	2.18 14-15/1948
Annual	Amt. Date	2.08 7/31/47	2.37 7/31/47	2.37 7/31/47	2.37 7/31/47	3.47 4/8-9/42	4.50 4/8-9/42

a Also 1-2/1947.

Station: CLINTON, KENTUCKY

Drainage basin: MISSISSIPPI

County: HICKMAN

Lat. 36° 41' N Long. 89° 00' W

Elev.(ft.) 370

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.07 29/1947	1.25 29-30/1947	1.26 29-30/1947	1.58 31-1/1948	2.26 8/1946	2.27 8/1946
Feb.	Amt. Date	0.54 12/1950	1.01 13/1949	1.40 13-14/1949	2.53 13-14/1949	3.71 13-14/1949	5.18 13-14/1949
Mar.	Amt. Date	1.08 26/1949	1.28 26/1949	1.71 26/1949	2.22 30/1945	2.32 30/1945	2.95 25-26/1949
Apr.	Amt. Date	0.83 12/1948	1.38 1/1945	1.52 1/1945	2.40 1/1945	2.64 1/1945	3.32 8-9/1942
May	Amt. Date	1.66 24/1946	2.25 24/1946	2.56 24/1946	3.59 10/1943	4.08 10-11/1943	4.12 10-11/1943
Jun.	Amt. Date	2.76 8/1945	4.04 8/1945	4.41 8/1945	5.05 8/1945	5.06 8/1945	5.88 7-8/1945
Jul.	Amt. Date	1.07 4/1950	1.75 31/1943	2.12 4/1950	2.15 4/1950	3.30 31-1/1943	3.31 31-1/1943
Aug.	Amt. Date	1.24 15/1950	1.62 23/1942	2.17 22-23/1942	3.25 22-23/1942	3.50 22-23/1942	3.50 22-23/1942
Sep.	Amt. Date	0.79 9/1947	1.45 9/1947	1.62 9/1947	2.35 28/1945	2.78 28-29/1945	3.35 30-1/1945
Oct.	Amt. Date	0.88 1/1945	1.23 1/1945	1.55 1/1945	1.76 1/1945	2.17 30/1942	3.35 30-1/1945
Nov.	Amt. Date	0.73 16/1950	0.94 16/1950	1.11 25/1946	1.51 2/1946	2.14 2/1946	2.66 25-26/1946
Dec.	Amt. Date	1.30 11/1949	2.03 11/1949	2.38 11/1949	2.57 11/1949	3.06 15/1948	4.28 14-15/1948
Annual	Amt. Date	2.76 6/8/45	4.04 6/8/45	4.41 6/8/45	5.05 6/8/45	5.06 6/8/45	5.88 6/7-8/45

Station: CONSTANTINE, KENTUCKY

Drainage basin: GREEN

County: BRECKINRIDGE

Lat. 37° 40'N Long. 86° 14'W

Elev.(ft.) 800

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60E 10/1950	1.20E 10/1950	1.80E 10/1950	2.40 10/1950	2.40 10/1950	3.56 10/1950
Feb.	Amt. Date	0.58 8/1950	0.93 26/1945	1.35 26/1945	1.85 26/1945	2.26 25-26/1945	2.86 25-26/1945
Mar.	Amt. Date	0.77a 16/1943	1.25 26/1948	1.53 26/1948	1.79 26/1948	1.81 26/1948	3.08 26/1948
Apr.	Amt. Date	1.09 22/1944	1.40 22/1944	1.45 22/1944	1.86 15-16/1947	2.34 8-9/1942	3.09 8-9/1942
May	Amt. Date	1.47 30/1944	1.60 30/1944	1.70 30/1944	1.88 14/1942	2.17 14/1942	2.34 14-15/1942
Jun.	Amt. Date	1.11 30/1945	1.67 12/1949	1.71 12/1949	2.01 12/1949	2.96 15/1949	3.24 14-15/1949
Jul.	Amt. Date	1.97 29/1943	3.13 29-30/1943	3.53 29-30/1943	3.61 29-30/1943	3.61 29-30/1943	3.97 29-30/1943
Aug.	Amt. Date	1.21 3/1942	2.00 3/1942	2.31 3-4/1942	2.40 3-4/1942	3.20 26/1944	3.31 26/1944
Sep.	Amt. Date	0.90 20/1950	1.23 20/1950	1.68 20/1950	1.87 2/1950	2.35 20/1950	2.57 2-3/1950
Oct.	Amt. Date	0.47 31/1941	0.73 31/1941	0.88 30-31/1942	1.42 30-31/1942	1.78 30-31/1941	2.04 31-1/1941
Nov.	Amt. Date	0.63 10/1942	0.93b 11/1940	1.17 28/1949	1.87 18-19/1948	2.49 18-19/1948	2.50 18-19/1948
Dec.	Amt. Date	0.78 23/1941	1.03 23/1941	1.09 23/1941	1.61 23/1941	1.63 23/1941	2.01 22-23/1941
Annual	Amt. Date	1.97 7/29/43	3.13 7/29-30/43	3.53 7/29-30/43	3.61 7/29-30/43	3.61 7/29-30/43	3.97 7/29-30/43

a Also 6/1944 b Also 28/1949.

Station: DAVELIA, KENTUCKY

Drainage basin: BIG SANDY

County: MARTIN

Lat. 37° 48'N Long. 83° 32'W

Elev.(ft.) 1000 EST

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.74 31/1950	0.92 31/1950	1.01 31/1950	1.42 7/1946	2.52 7/1946	2.55 7/1946
Feb.	Amt. Date	0.30 22/1945	0.50 28/1945	0.65 28/1945	1.03 14/1949	1.55 13-14/1949	1.60 13-14/1949
Mar.	Amt. Date	0.48 12/1950	0.71 18-19/1943	0.89 18-19/1943	1.18 18-19/1943	1.44 18-19/1943	2.19 18-19/1943
Apr.	Amt. Date	0.88 7/1948	1.17 7/1948	1.25 11/1944	1.48 11/1944	1.66 12/1948	2.70 6-7/1948
May	Amt. Date	1.21 23/1950	1.86 23/1950	2.10 23/1950	2.18 23/1950	2.25 23-24/1950	2.41 23-24/1950
Jun.	Amt. Date	2.42 28/1949	2.43 28/1949	2.47 28/1949	2.66 28/1949	2.96 27-28/1949	2.98 27-28/1949
Jul.	Amt. Date	1.70 14/1948	3.25 14/1948	3.82 14/1948	4.08 14/1948	4.16 14/1948	4.21 13-14/1948
Aug.	Amt. Date	1.70 3/1942	1.75 3/1942	1.78 3/1942	2.12 13-14/1940	2.53 13-14/1940	2.78 13-14/1940
Sep.	Amt. Date	1.21 22/1945	1.33 9/1946	1.53 9/1946	1.70 9/1946	1.95 ^a 5-6/1947	2.44 5-6/1947
Oct.	Amt. Date	0.38 15/1943	0.71 15/1943	0.80 15/1943	0.98 15/1943	1.37 15/1943	1.70 15-16/1943
Nov.	Amt. Date	0.38 20/1950	0.52 2/1950	0.56 6/1948	0.91 6/1948	1.13 ^a 2/1943	1.43 2/1943
Dec.	Amt. Date	0.32 10/1949	0.55 7/1950	0.79 7/1950	1.16 7/1950	1.36 7/1950	2.08 31-1/1944
Annual	Amt. Date	2.42 6/28/49	3.25 7/14/48	3.82 7/14/48	4.08 7/14/48	4.16 7/14/48	4.21 7/13-14/48

a Also 6/1948.

Station: DUNDEE BARRETT'S FORD BR, KENTUCKY

Drainage basin: GREEN

County: OHIO

Lat. 37° 33' N Long. 86° 43' W

Elev.(ft.) 430

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.62 15/1947	0.74 15/1947	0.89 15/1947	1.25 12/1950	1.88 12/1950	2.51 12-13/1950
Feb.	Amt. Date	0.65 15/1949	0.88 26/1945	1.30 26/1945	1.80 26/1945	2.46 13-14/1949	3.12 13-14/1949
Mar.	Amt. Date	1.48 18/1945	1.74 18/1945	1.83 18/1945	1.83 18/1945	1.84 18-19/1945	2.18 10-11/1943
Apr.	Amt. Date	0.77 15/1947	1.34 15/1947	1.55 15/1947	2.07 15/1947	2.70 8-9/1942	3.48 8-9/1942
May	Amt. Date	0.96 15/1945	1.53 11/1943	1.78 11/1943	1.89 11/1943	1.92 11/1943	2.36 11/1943
Jun.	Amt. Date	1.04 21/1942	2.00 21/1942	2.13 21/1942	2.13 21/1942	2.52 3/1950	2.63 3/1950
Jul.	Amt. Date	1.31 8/1942	1.61 8/1942	1.67 8/1942	1.82 8/1942	2.04 25-26/1950	2.18 22/1948
Aug.	Amt. Date	1.57 5/1946	1.85 5/1946	2.00 5/1946	3.00 23/1942	3.12 22-23/1942	3.13 22-23/1942
Sep.	Amt. Date	1.21 13/1945	1.51 13/1945	1.63 2/1950	1.92 2/1950	2.58 2/1950	3.23 2-3/1950
Oct.	Amt. Date	0.56 31/1941	0.85 31/1941	1.04 4/1949	1.54 27/1947	2.24 4/1949	2.61 4-5/1949
Nov.	Amt. Date	0.62 20/1950	0.80 10/1942	0.93 20/1950	1.10E 28/1949	1.29 28/1949	1.95 25-26/1946
Dec.	Amt. Date	1.07 23/1941	1.21 2-3/1950	1.47 2-3/1950	2.14 2-3/1950	2.22 2-3/1950	2.46 11-12/1949
Annual	Amt. Date	1.57 8/5/46	2.00 6/21/42	2.13 6/21/42	3.00 8/23/42	3.12 8/22-23/42	3.48 4/8-9/42

Station: EDMONTON, KENTUCKY

Drainage basin: GREEN

County: METCALFE

Lat. 37° 00'N Long. 85° 37'W

Elev.(ft.) 1200 EST

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.68 1/1948	1.24 1/1948	1.55 1/1948	2.29 1/1948	2.48E 31-1/1948	3.65 31-1/1945
Feb.	Amt. Date	1.40 13/1948	2.00 13/1948	2.03 13/1948	2.70 13/1948	3.48 12-13/1948	3.51 12-13/1948
Mar.	Amt. Date	0.70 18/1943	1.15 18/1943	1.58 18/1943	2.13 18/1943	2.37 18-19/1943	2.86 18-19/1943
Apr.	Amt. Date	0.63 12/1948	1.23 9/1942	1.65 9/1942	1.95 9/1942	2.57 8-9/1942	3.34 12-13/1948
May	Amt. Date	1.29 4/1944	2.27 24/1949	2.33 24/1949	2.44 24/1949	2.45 24/1949	2.55 4-5/1944
Jun.	Amt. Date	2.85 29/1949	3.31 29/1949	3.40 29/1949	3.44 29/1949	4.33 15/1949	4.86 15/1949
Jul.	Amt. Date	1.53 9/1947	1.56 9/1947	1.84 13/1948	2.02 13/1948	2.16 13/1948	2.25 13-14/1948
Aug.	Amt. Date	1.22 12/1943	1.34 28/1949	1.43 28/1949	1.61 28/1949	1.97 17/1944	2.50 16-17/1944
Sep.	Amt. Date	0.74 2/1944	1.01 2/1944	1.04 21/1947	1.61 2/1944	1.64 2/1944	1.64 2/1944
Oct.	Amt. Date	0.91 9/1949	1.12 9/1949	1.19 9/1949	1.64 22/1950	2.20 22/1950	2.71 22-23/1950
Nov.	Amt. Date	0.76 20/1950	0.89 20/1950	0.99 20/1950	1.34 2/1945	2.32 2-3/1945	2.33 2-3/1945
Dec.	Amt. Date	0.55 27/1942	0.86 27/1942	1.16 31/1944	2.01 31/1944	2.95 31/1944	3.67 31/1944
Annual	Amt. Date	2.85 6/29/49	3.31 6/29/49	3.40 6/29/49	3.44 6/29/49	4.33 6/15/49	4.86 6/15/49

Station: FLEMINGSBURG, KENTUCKY

Drainage basin: LICKING

County: FLEMING

Lat. 38° 25' N Long. 83° 44' W

Elev.(ft.) 750

Period of record: 1943-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.31 4/1949	0.48 26/1950	0.67 26/1950	1.04 26/1950	1.46 26/1950	2.52 4-5/1950
Feb.	Amt. Date	0.44 13/1948	0.66 13/1948	0.75 26/1945	1.08 21/1945	1.60 13/1948	2.73 26/1945
Mar.	Amt. Date	1.31 19/1943	2.00 19/1943	2.50 19/1943	2.90 19/1943	3.24 19/1943	3.95 18-19/1943
Apr.	Amt. Date	0.84 12/1948	1.32 12/1948	1.80 12/1948	2.22 11-12/1948	2.72 11-12/1948	3.69 11-12/1948
May	Amt. Date	0.80 31/1943	0.94 15/1945	0.99 15/1945	1.13 11/1943	1.41 11/1943	1.92 31-1/1946
Jun.	Amt. Date	1.32 4/1943	1.52 17/1946	1.64 17/1946	2.00 18-19/1950	3.00 18-19/1950	3.26 18-19/1950
Jul.	Amt. Date	1.03 30/1949	1.58 31/1946	1.59 31/1946	1.97 31/1946	1.97 31/1946	1.97 31/1946
Aug.	Amt. Date	1.79 3/1944	1.80 3/1944	1.83 3/1944	1.83 3/1944	2.06 27/1944	2.26 26-27/1944
Sep.	Amt. Date	1.43 1/1945	1.75 20/1950	1.82 20/1950	2.14 20/1950	2.80 19-20/1950	3.00 21/1950
Oct.	Amt. Date	0.83 1/1945	1.08 1/1945	1.10 1/1945	1.17 1/1945	1.26 1-2/1945	1.26 1-2/1945
Nov.	Amt. Date	0.69 28/1949	1.17 28/1949	1.38 28/1949	1.79 28/1949	1.98 5-6/1948	2.03 5-6/1948
Dec.	Amt. Date	0.31 15/1948	0.54 14/1948	0.67 14/1948	1.04 14/1948	1.91 14-15/1948	2.64 14-15/1948
Annual	Amt. Date	1.79 8/3/44	2.00 3/19/43	2.50 3/19/43	2.90 3/19/43	3.24 3/19/43	3.95 3/18-19/43

Station: FORDS FERRY DAM 50, KENTUCKY

Drainage basin: OHIO

County: CRITTENDEN

Lat. 37° 28'N Long. 88° 06'W

Elev.(ft.) 356

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.24 30/1947	1.31 29-30/1947	1.31 29-30/1947	1.56 24/1949	2.32 24/1949	2.98 23-24/1949
Feb.	Amt. Date	0.59 27/1948	0.97 13/1946	1.10 13/1946	1.41 21-22/1950	1.98 13-14/1949	2.75 13-14/1949
Mar.	Amt. Date	0.84 30/1945	1.34 ^a 19/1943	1.87 19/1943	2.62 18-19/1943	3.16 18-19/1943	4.03 18-19/1943
Apr.	Amt. Date	1.51 11/1944	1.85 11/1944	1.98 11/1944	2.11 1/1945	2.41 8/1942	3.69 8-9/1942
May	Amt. Date	0.92 10/1943	1.09 ^E 10/1943	1.27 ^E 10/1943	1.79 ^E 10-11/1943	2.84 10-11/1943	3.22 10-11/1943
Jun.	Amt. Date	0.94 4/1942	1.25 27/1947	1.25 27/1947	1.82 1/1947	2.04 1/1947	2.13 7-8/1945
Jul.	Amt. Date	1.27 20/1946	1.48 20/1946	1.60 20/1946	1.62 20-21/1946	2.44 20/1946	2.88 20-21/1946
Aug.	Amt. Date	2.35 16/1946	3.98 15-16/1946	4.43 15-16/1946	4.69 15-16/1946	5.05 15-16/1946	5.25 15-16/1946
Sep.	Amt. Date	0.86 24/1945	1.41 25/1945	1.50 25/1945	2.57 25/1945	3.73 24-25/1945	4.06 24-25/1945
Oct.	Amt. Date	0.85 27/1947	1.08 27/1947	1.30 27/1947	1.77 27/1947	2.58 27/1947	2.58 27/1947
Nov.	Amt. Date	0.69 11/1940	1.02 11/1940	1.18 11/1940	1.39 5/1948	1.88 5/1948	2.20 25-26/1946
Dec.	Amt. Date	0.77 27/1942	1.09 27/1942	1.15 27/1942	1.38 27/1942	1.72 27/1942	2.10 31-1/1941
Annual	Amt. Date	2.35 8/16/46	3.98 8/15-16/46	4.43 8/15-16/46	4.69 8/15-16/46	5.05 8/15-16/46	5.25 8/15-16/46

^a Also 26/1949.

Station: FRANKLIN, KENTUCKY

Drainage basin: GREEN

County: SIMPSON

Lat. 36° 43' N Long. 86° 34' W

Elev. (ft.) 691

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.20 15/1947	1.80 15/1947	1.98 15/1947	2.11 15/1947	2.14 15/1947	3.55 31-1/1945
Feb.	Amt. Date	0.70 16/1942	1.05 16/1942	1.50 13/1948	1.74 13/1948	2.82 13/1948	4.21 12-13/1948
Mar.	Amt. Date	0.79 26/1948	1.13 26/1948	1.31 26/1948	1.74 18/1943	2.27 18-19/1943	2.72 18-19/1943
Apr.	Amt. Date	1.23 9/1942	1.49 9/1942	1.61 9/1942	1.89 9/1942	2.70 8-9/1942	3.57 15-16/1947
May	Amt. Date	1.94 20/1943	1.98 20/1943	2.00 20/1943	2.01 20/1943	2.01 20/1943	2.08 19-20/1943
Jun.	Amt. Date	1.10 27/1943	1.32 19/1950	1.51 10/1950	1.74 10/1950	2.37 14/1949	2.93 14-15/1949
Jul.	Amt. Date	2.27 1/1945	2.30 1/1945	2.31 1/1945	2.44 8-9/1942	2.89 3-4/1941	4.55 3-4/1941
Aug.	Amt. Date	1.31 26/1944	1.37 26/1944	1.67 3/1942	2.31 26/1944	2.36 26/1944	2.38 26/1944
Sep.	Amt. Date	1.01 6/1942	1.56 6/1942	1.93 2/1950	2.05 2/1950	2.33 2/1950	2.78 2-3/1950
Oct.	Amt. Date	1.13 9/1941	1.41 9/1941	1.42 9/1941	2.05 30/1942	2.88 30-31/1942	3.11 30-31/1942
Nov.	Amt. Date	1.34 20/1950	1.50 20/1950	1.56 20/1950	1.89 5/1948	2.69 5/1948	3.00 5/1948
Dec.	Amt. Date	1.062 12/1949	1.85 11-12/1949	2.20 11-12/1949	3.17 11-12/1949	3.82 11-12/1949	4.59 11-12/1949
Annual	Amt. Date	2.27 7/1/45	2.30 7/1/45	2.31 7/1/45	3.17 12/11-12/49	3.82 12/11-12/49	4.59 12/11-12/49

Station: GEST, KENTUCKY

Drainage basin: KENTUCKY

County: HENRY

Lat. 38° 25'N Long. 84° 53'W

Elev.(ft.) 490

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.55 30/1947	0.89 30/1947	1.22 30/1947	1.47 30/1947	1.52 15/1947	1.80 14-15/1947
Feb.	Amt. Date	0.75 8/1950	0.93 8/1950	1.16 8/1950	1.44 8/1950	1.93 26/1945	2.71 25-26/1945
Mar.	Amt. Date	0.74 26/1946	0.96 26/1946	1.17 26/1946	1.68 6/1945	2.52 6/1945	3.08 18-19/1943
Apr.	Amt. Date	1.32 7/1948	1.33 7/1948	1.77 12/1948	2.32 11-12/1948	2.95 12/1948	4.09 12/1948
May	Amt. Date	0.77 15/1945	0.83 15/1945	0.86 14/1942	1.25 9-10/1950	1.73 9-10/1950	1.75 9-10/1950
Jun.	Amt. Date	1.30 ^a 6/1943	2.24 6/1943	2.46 18-19/1950	2.84 18-19/1950	3.40 18-19/1950	3.93 18-19/1950
Jul.	Amt. Date	1.87 6/1942	2.15 19/1946	2.15 19/1946	2.34 6/1942	3.71 19-20/1946	4.87 19-20/1946
Aug.	Amt. Date	1.40 14/1949	1.72 6/1947	1.87 6/1947	1.98 6/1947	2.17 6/1947	2.19 6-7/1947
Sep.	Amt. Date	1.71 13/1946	1.74 13/1946	1.74 13/1946	1.74 13/1946	1.74 13/1946	1.74 13/1946
Oct.	Amt. Date	0.93 1/1945	1.28 1/1945	1.38 1/1945	1.40 1/1945	1.79 1/1945	1.81 1/1945
Nov.	Amt. Date	0.68 10/1942	0.93 10/1942	1.02 10/1942	1.56 26/1946	2.39 5/1948	2.77 5-6/1948
Dec.	Amt. Date	0.34 23/1941	0.67 23/1941	0.68 23/1941	0.94 23/1941	1.28 31/1944	1.96 11-12/1949
Annual	Amt. Date	1.87 7/6/42	2.24 6/6/43	2.46 6/18-19/50	2.84 6/18-19/50	3.71 7/19-20/46	4.87 7/19-20/46

^a Also 18/1950.

Station: HALEYS MILL, KENTUCKY

Drainage basin: GREEN

County: CHRISTIAN

Lat. 37° 03'N Long. 87° 20'W

Elev.(ft.) 740

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.50 2/1947	0.67 30/1950	0.87a 8/1946	1.55 8/1946	2.40 8/1946	2.77 8/1946
Feb.	Amt. Date	0.71 25/1944	1.14 25/1944	1.24 14/1949	2.10 14/1949	3.56 13-14/1949	4.78 13-14/1949
Mar.	Amt. Date	1.04 15/1948	1.82 15/1948	2.09 15/1948	2.31 15/1948	2.89 15-16/1948	3.18 15-16/1948
Apr.	Amt. Date	0.80 10/1944	1.06 10/1944	1.27 8/1942	1.60 8/1942	2.92 8-9/1942	4.01 8-9/1942
May	Amt. Date	1.52 19/1947	1.90 19/1947	2.09 19/1947	2.33 19/1947	2.35 19/1947	2.50 19-20/1947
Jun.	Amt. Date	0.98 4/1943	1.19 4/1943	1.24 2/1941	1.45 4/1943	2.01 15/1949	2.14 15/1949
Jul.	Amt. Date	1.35 15/1948	1.63 15/1948	1.76 11/1941	2.25 10-11/1941	2.44 10-11/1941	3.06 10-11/1941
Aug.	Amt. Date	1.29 21/1944	1.68 11/1942	1.88 11/1942	2.27 31/1950	2.53 31/1950	2.53 31/1950
Sep.	Amt. Date	0.96 13/1945	1.84 13/1945	2.00 13/1945	2.07 13/1945	2.24 13/1945	2.32 13/1945
Oct.	Amt. Date	0.90 27/1947	1.77 27/1947	2.07 27/1947	2.68 27/1947	3.12 26-27/1947	3.25 26-27/1947
Nov.	Amt. Date	0.71 20/1950	1.00 20/1950	1.05 20/1950	1.80 5/1948	2.65 5/1948	3.10 18-19/1948
Dec.	Amt. Date	0.70E 3/1950	1.40E 3/1950	2.10E 3/1950	2.80 3/1950	2.87 3/1950	2.88 14-15/1948
Annual	Amt. Date	1.52 5/19/47	1.90 5/19/47	2.10E 12/3/50	2.80 12/3/50	3.56 2/13-14/49	4.78 2/13-14/49

a Also 2/1950.

Station: HAZARD, KENTUCKY

Drainage basin: KENTUCKY

County: PERRY

Lat. 37° 15'N Long. 83° 12'W

Elev.(ft.) 869

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.70 30/1950	1.21 7/1946	1.58 7/1946	2.38 7/1946	3.28 7/1946	4.05 7/1946
Feb.	Amt. Date	0.53 25/1944	0.68 25/1944	0.74 ^a 17/1944	1.20 17/1944	2.00 17/1944	2.47 12-13/1948
Mar.	Amt. Date	0.63 20/1948	0.78 27/1950	1.01 16/1948	1.47 18-19/1943	1.56 18-19/1943	2.42 18-19/1943
Apr.	Amt. Date	0.93 11/1944	1.65 11/1944	1.75 11/1944	1.80 11/1944	1.94 12/1948	2.23 12-13/1948
May	Amt. Date	0.94 12/1948	1.08 27/1948	1.10 27/1948	1.11 25/1946	1.37 14-15/1950	1.41 14-15/1950
Jun.	Amt. Date	1.17 24/1943	1.80 24/1943	1.85 24/1943	1.98 24/1943	1.98 24/1943	1.98 ^b 24/1943
Jul.	Amt. Date	1.78 29/1943	2.58 29/1943	2.69 29/1943	2.70 29-30/1943	2.72 3/1940	2.79 29-30/1943
Aug.	Amt. Date	1.94 8/1942	1.99 8/1942	2.13 8/1942	2.16 8/1942	2.83 4-5/1947	3.00 4-5/1947
Sep.	Amt. Date	1.30 9/1946	1.42 9/1946	1.44 9/1946	1.87 25/1940	2.44 25/1940	2.59 24-25/1940
Oct.	Amt. Date	0.68 7/1944	0.71 7/1944	0.89 15/1943	1.19 15/1943	1.50 9-10/1941	2.11 15-16/1943
Nov.	Amt. Date	0.63 2/1950	1.13 2/1945	1.25 2/1945	1.66 2/1945	2.21 2-3/1945	2.45 2-3/1945
Dec.	Amt. Date	0.45 31/1944	0.70 31/1944	0.93 31/1944	1.23 31-1/1944	1.52 31-1/1944	1.69 31-1/1944
Annual	Amt. Date	1.94 8/8/42	2.58 7/29/43	2.69 7/29/43	2.70 7/29-30/43	3.28 1/7/46	4.05 3/7/46

^a Also 12-13/1948. ^b Also 27-28/1947.

Station: HEIDELBERG, KENTUCKY

Drainage basin: KENTUCKY

County: LEE

Lat. 37° 33' N Long. 83° 46' W

Elev.(ft.) 663

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.42 1/1948	0.73 15/1947	1.01 1/1948	1.62 4-5/1950	2.07 4-5/1950	2.70 31-1/1945
Feb.	Amt. Date	0.44 13/1948	0.65 13/1948	0.90 14/1949	1.54 14/1949	2.33 13-14/1949	2.66 13-14/1949
Mar.	Amt. Date	0.90 16/1948	1.14 16/1948	1.36 16/1948	1.90 5/1945	2.54 5/1945	2.64 5/1945
Apr.	Amt. Date	0.70 16/1945	1.10 16/1945	1.47 12/1948	1.84 12/1948	1.85 12/1948	3.13 12-13/1948
May	Amt. Date	0.98 15/1945	1.23 20/1942	1.50 20/1942	1.81 20/1942	1.86 20/1942	1.87 20-21/1942
Jun.	Amt. Date	1.72 21/1942	2.07 21/1942	2.08 21/1942	2.09 21-22/1942	2.09 21-22/1942	3.05 21-22/1942
Jul.	Amt. Date	1.86 29/1943	2.31 29/1943	2.67 29/1943	2.70 29-30/1943	2.71 29-30/1943	2.71 29-30/1943
Aug.	Amt. Date	1.46 9/1946	1.97 9/1946	2.10 9/1946	2.26 9-10/1946	2.28 9-10/1946	2.48 31-1/1945
Sep.	Amt. Date	0.84 18/1942	0.90 18/1942	1.07 4/1944	1.31 3-4/1944	1.31 3-4/1944	2.27 3-4/1944
Oct.	Amt. Date	0.77 8/1947	1.03 8/1947	1.19 8/1947	1.49 8/1947	1.58 7-8/1947	1.62 7-8/1947
Nov.	Amt. Date	0.47 2/1943	0.73 5-6/1948	1.03 5-6/1948	1.41 5-6/1948	1.88 2/1945	2.49 2-3/1945
Dec.	Amt. Date	0.39 30/1942	0.65 28/1940	0.89 28/1940	1.21 28-29/1940	1.89 31/1944	2.70 31-1/1944
Annual	Amt. Date	1.86 7/29/43	2.31 7/29/43	2.67 7/29/43	2.70 7/29-30/43	2.71 7/29-30/43	3.13 4/12-13/48

Station: HERNDON, KENTUCKY

Drainage basin: CUMBERLAND

County: CHRISTIAN

Lat. 36° 44' N Long. 87° 34' W

Elev.(ft.) 400 EST

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.55 10/1950	0.97 10/1950	1.07 10/1950	1.65 8/1946	2.72 8/1946	3.20 8/1946
Feb.	Amt. Date	0.85 22/1944	1.48 22/1944	1.75 21-22/1944	2.61 14/1949	3.81 13-14/1949	5.06 13-14/1949
Mar.	Amt. Date	1.32 17/1945	1.58 17/1945	1.72 17/1945	2.10 18/1943	2.46 18/1943	2.98 18-19/1943
Apr.	Amt. Date	1.11 12/1948	1.68 12/1948	1.89 12/1948	2.13 12/1948	2.69 12/1948	3.59 12-13/1948
May	Amt. Date	0.96 2/1948	1.22 2/1948	1.34 2/1948	1.51 2/1948	1.55 24-25/1947	2.18 24-25/1947
Jun.	Amt. Date	1.90 20/1950	2.28 20/1950	2.49 20/1950	2.71 20/1950	3.41 20-21/1950	3.46 20-21/1950
Jul.	Amt. Date	1.14 20/1948	1.16 1/1945	1.20 5/1943	1.26 20/1948	1.33 23/1950	1.33 23/1950
Aug.	Amt. Date	1.12 5/1949	1.59 15/1944	1.77 21/1944	2.17 31/1950	2.59 15/1944	2.92 14-15/1944
Sep.	Amt. Date	1.26 2/1944	1.27 2/1944	1.49 2/1944	1.70 2/1944	2.09 2/1944	2.32 2-3/1950
Oct.	Amt. Date	1.10 27/1947	1.55 27/1947	1.88 27/1947	2.45 27/1947	3.17 26-27/1947	3.37 26-27/1947
Nov.	Amt. Date	1.01 5/1948	1.57 5/1948	2.22 5/1948	2.87 5/1948	3.67 5/1948	3.67 5/1948
Dec.	Amt. Date	1.03 2/1950	1.58 2-3/1950	1.94 2-3/1950	2.47 2-3/1950	3.12 15/1948	4.13 14-15/1948
Annual	Amt. Date	1.90 6/20/50	2.28 6/20/50	2.49 6/20/50	2.87 11/5/48	3.81 2/13-14/49	5.06 2/13-14/49

Station: HODGENVILLE, KENTUCKY

Drainage basin: GREEN

County: LARUE

Lat. 37° 32' N Long. 85° 44' W

Elev.(ft.) 700 EST

Period of record: 1942-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 30/1950	1.01 30/1950	1.38 30/1950	1.69 30/1950	1.96 30-31/1950	2.38 30-31/1950
Feb.	Amt. Date	0.60 13/1948	0.87 26/1945	1.29 13/1948	1.87 26/1945	2.82 13/1948	3.32 13-14/1949
Mar.	Amt. Date	0.69 15/1948	1.11 15/1948	1.36 15-16/1948	1.71 15-16/1948	2.65 15-16/1948	2.65 15-16/1948
Apr.	Amt. Date	0.66 12/1948	0.84 12/1948	0.93 15-16/1947	1.59 15-16/1947	2.07 15-16/1947	2.44 12-13/1948
May	Amt. Date	1.09 14/1946	1.09 14/1946	1.09 14/1946	1.24 21/1947	1.70 15/1946	2.18 14-15/1946
Jun.	Amt. Date	1.57 10/1950	1.78 10/1950	1.87 10/1950	2.21 10/1950	2.22 10/1950	2.70 15-16/1949
Jul.	Amt. Date	1.29 6/1947	1.93 15/1949	1.97 15/1949	2.77 6/1947	3.23 6/1947	3.35 6/1947
Aug.	Amt. Date	2.05 15/1949	2.85 15/1949	3.38 15/1949	3.46 15-16/1949	3.62 15/1949	3.65 15-16/1949
Sep.	Amt. Date	0.70 21/1947	0.85 21/1947	1.06 5/1948	1.29 5/1948	1.47 23/1946	1.81 5-6/1948
Oct.	Amt. Date	0.53 27/1947	0.70 27/1947	0.93 27/1947	1.40 27/1947	1.41 27/1947	1.75 16-17/1948
Nov.	Amt. Date	0.87 5/1948	1.46 5/1948	2.17 5/1948	2.98 5/1948	5.28 5/1948	5.72 5/1948
Dec.	Amt. Date	0.58 12/1949	0.80 29/1946	1.05 12/1949	1.77 11-12/1949	2.45 12/1949	4.34 11-12/1949
Annual	Amt. Date	2.05 8/15/49	2.85 8/15/49	3.38 8/15/49	3.46 8/15-16/49	5.28 11/5/48	5.72 11/5/48

Station: JENKINS, KENTUCKY

Drainage basin: BIG SANDY

County: LETCHER

Lat. 37° 10'N Long. 82° 38'W

Elev.(ft) 1600

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.36 7/1946	0.54 7/1946	0.71 7/1946	1.26 7/1946	2.17 7/1946	3.04 7/1946
Feb.	Amt. Date	0.45 17/1944	0.54 9/1950	0.75 17/1944	1.30 17/1944	2.32 17/1944	2.57 16-17/1944
Mar.	Amt. Date	0.60 19/1943	0.77 19/1943	0.93a 17/1942	1.37 17/1942	1.49 17-18/1949	1.86 18-19/1943
Apr.	Amt. Date	1.05 8/1946	1.06 8/1946	1.12 8/1946	1.46 25/1945	1.68 18-19/1943	2.07 18-19/1943
May	Amt. Date	1.58 31/1944	1.59 19/1942	1.63 19/1942	1.75 19/1942	1.75 19/1942	2.50 19-20/1942
Jun.	Amt. Date	1.36 22/1942	1.67 30/1942	2.03 21-22/1942	2.34 30-1/1942	2.46 30-1/1942	3.76 21-22/1942
Jul.	Amt. Date	2.38 16/1940	2.69 16/1940	2.72 16/1940	2.72 16/1940	2.75 16-17/1940	2.83 8-9/1942
Aug.	Amt. Date	1.20 6/1944	1.93 6/1944	1.94 6/1944	2.76 27/1944	3.68 26-27/1944	5.26 26-27/1944
Sep.	Amt. Date	0.56 9/1946	0.68b 5-6/1947	0.81 9/1948	1.32 9/1948	1.69 9-10/1948	2.10 9-10/1948
Oct.	Amt. Date	0.46 28/1949	0.86 28/1949	0.96 28/1949	1.07 28/1949	1.30 9-10/1941	1.56 14-15/1943
Nov.	Amt. Date	0.53 2/1945	0.93 29/1949	1.14 29/1949	1.60 29/1949	1.88 2-3/1945	1.93 2-3/1945
Dec.	Amt. Date	0.30 15/1942	0.48 7/1950	0.67 7/1950	1.08 3/1950	1.57 12-13/1941	1.75 12-13/1941
Annual	Amt. Date	2.38 7/16/40	2.69 7/16/40	2.72 7/16/40	2.76 8/27/44	3.68 8/26-27/44	5.26 8/26-27/44

a Also 27/1950. b Also 20-21/1950.

Station: KENTUCKY DAM, KENTUCKY

Drainage basin: TENNESSEE

County: LIVINGSTON

Lat. 37° 01' N Long. 88° 16' W

Elev.(ft.) 362

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 4/1950	1.00 4/1950	1.09 4/1950	1.34 8/1946	2.10 8/1946	2.90 8-9/1946
Feb.	Amt. Date	0.51a 13/1946	0.91 12/1950	1.21 14/1949	2.07 14/1949	3.29 13-14/1949	4.30 13-14/1949
Mar.	Amt. Date	0.94 15/1948	1.74 15/1948	1.85 15/1948	2.00 15/1948	2.17 27/1950	2.42 26/1949
Apr.	Amt. Date	0.80 10/1947	1.16 10/1947	1.28 10/1947	1.42 10-11/1947	1.63 1/1945	1.93 10-11/1944
May	Amt. Date	0.66 7/1945	1.00 10/1950	1.10 10/1950	1.47 15/1948	2.07 24-25/1946	2.20 24-25/1946
Jun.	Amt. Date	0.78 20/1947	0.95 24/1949	1.53 24/1949	1.68 11/1945	1.74 11/1945	1.74 11/1945
Jul.	Amt. Date	0.78 10/1949	1.37 5/1946	1.57 5/1946	1.77 5/1946	1.80 5/1946	1.80 5/1946
Aug.	Amt. Date	1.32 11/1949	1.46 11/1945	1.69 11/1945	2.38 31/1950	2.99 11/1945	3.13 10-11/1945
Sep.	Amt. Date	1.04 5/1948	1.24 5/1948	1.25 5/1948	1.59b 25/1945	1.78 24-25/1945	2.01 30-1/1945
Oct.	Amt. Date	0.67 11/1949	0.85 27/1947	1.09 27/1947	1.65 27/1947	1.98 27/1947	2.11 26-27/1947
Nov.	Amt. Date	1.41 14/1944	1.60 14/1944	1.73 14/1944	1.80 5/1948	2.45 5/1948	2.48 4-5/1948
Dec.	Amt. Date	1.00 11/1949	1.39 11/1949	1.50 11/1949	1.84 11/1949	2.21 10-11/1949	2.58 10-11/1949
Annual	Amt. Date	1.41 11/14/44	1.74 3/15/48	1.85 3/15/48	2.38 8/31/50	3.29 2/13-14/49	4.30 2/13-14/49

a Also 12/1950.

b Also 5/1948.

Station: LEXINGTON WB APT, KENTUCKY*

Drainage basin: KENTUCKY

County: FAYETTE

Lat. 38° 02'N Long. 84° 36'W

Elev.(ft.) 979

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.87 7/1946	0.95 6-7/1946	1.11 15/1947	1.60 15/1947	1.75 5/1950	2.79 4-5/1950
Feb.	Amt. Date	0.60 27/1948	0.67a 26/1945	0.90 13/1946	1.28 13/1946	1.93 26/1945	2.81 25-26/1945
Mar.	Amt. Date	1.10 15/1948	1.44 15-16/1948	1.67 15-16/1948	2.03 15-16/1948	2.78 15-16/1948	2.78 15-16/1948
Apr.	Amt. Date	1.40 13/1948	1.66 13/1948	1.76 13/1948	2.83 12-13/1948	3.51 12-13/1948	4.39 12-13/1948
May	Amt. Date	1.23 20/1943	1.45 20/1943	1.62 20/1943	1.62 20/1943	1.72 11/1943	1.96 15-16/1946
Jun.	Amt. Date	1.04 30/1945	1.39 30/1945	1.46 15/1949	2.03 15/1949	3.00 15-16/1949	3.29 15-16/1949
Jul.	Amt. Date	2.87 25/1943	3.24 25/1943	3.61 25/1943	3.61 25/1943	3.61 25/1943	3.61 25/1943
Aug.	Amt. Date	1.66 29/1942	2.01 29/1942	2.01 29/1942	2.67 23/1942	2.92 23/1942	2.92 23/1942
Sep.	Amt. Date	0.80 20/1948	0.88 21/1950	1.04 21/1950	1.39 1-2/1943	1.42 1-2/1943	1.76 24-25/1940
Oct.	Amt. Date	0.66 27/1947	0.94 27/1947	1.16 27/1947	1.25 31/1942	1.76 31/1942	1.84 30-31/1942
Nov.	Amt. Date	0.62b 2/1945	1.06 21/1942	1.23 21/1942	1.57 21/1942	1.83 21/1942	2.17 5-6/1948
Dec.	Amt. Date	0.47 14/1948	0.66 29/1946	0.84 29/1946	1.07 14-15/1948	1.79 14-15/1948	2.97 12-13/1949
Annual	Amt. Date	2.87 7/25/43	3.24 7/25/43	3.61 7/25/43	3.61 7/25/43	3.61 7/25/43	4.39 4/12-13/48

*Given for comparative purposes. See next page for complete record.
a Also 27/1948. b Also 20/1950.

Station: LEXINGTON WB APT, KENTUCKY*

Drainage basin: KENTUCKY

County: FAYETTE

Lat. 38° 02'N Long. 84° 36'W

Elev.(ft.) 979

Period of record: 1899-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.87 7/1946	0.95 6-7/1946	1.11 15/1947	1.60 15/1947	2.33 11/1913	3.50 11/1913
Feb.	Amt. Date	0.60 27/1948	0.80 12/1913	0.97 12/1913	1.81 23/1909	2.91 23/1909	3.04 23-24/1909
Mar.	Amt. Date	1.10 15/1948	1.44 15-16/1948	1.67 15-16/1948	2.03 15-16/1948	2.78 15-16/1948	3.61 25-26/1913
Apr.	Amt. Date	1.40 13/1948	1.80 14/1922	2.03 14/1922	2.83 12-13/1948	3.51 12-13/1948	4.39 12-13/1948
May	Amt. Date	1.25 10/1905	1.45 20/1943	1.62 20/1943	1.62 20/1943	2.19 13-14/1935	2.77 13-14/1935
Jun.	Amt. Date	2.00 15/1932	2.19 29/1928	2.75 29/1928	4.17 29/1928	4.34 28-29/1928	5.50 28-29/1928
Jul.	Amt. Date	3.15 3/1931	3.26 3/1931	3.61 25/1943	3.61 25/1943	3.61 25/1943	3.61 25/1943
Aug.	Amt. Date	2.35 2/1932	4.10 2/1932	6.17 2/1932	7.44 2/1932	8.01 2/1932	8.06 1-2/1932
Sep.	Amt. Date	2.39 3/1922	3.24 3/1922	4.01 3/1922	5.44 3/1922	5.45 3/1922	5.45 3/1922
Oct.	Amt. Date	1.08 16/1925	1.42 16/1925	1.54 16/1925	2.25 16/1925	2.61 16/1925	3.92 31-1/1919
Nov.	Amt. Date	0.63a 20/1900	1.08 1/1919	1.28 1/1919	2.24 1/1919	2.94 1/1919	3.96 25-26/1919
Dec.	Amt. Date	0.69 4/1922	0.97 4/1922	1.23 13/1931	1.57 6/1919	2.49 6/1919	3.63 6/1919
Annual	Amt. Date	3.15 7/3/31	4.10 8/2/32	6.17 8/2/32	7.44 8/2/32	8.01 8/2/32	8.06 8/1-2/32

*Formerly WB City
a Also 1/1929.

Station: LIBERTY, KENTUCKY

Drainage basin: GREEN

County: CASEY

Lat. 37° 21' N Long. 84° 55' W

Elev.(ft.) 500 EST

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.87 1/1948	1.09 1/1948	1.10 1/1948	1.97 1/1948	2.31 30-31/1950	3.05 31-1/1945
Feb.	Amt. Date	0.48 14/1949	0.78 14/1949	0.95 14/1949	1.76 14/1949	2.88 13-14/1949	3.70 13-14/1949
Mar.	Amt. Date	0.86 16/1948	1.23 30/1940	1.44 16/1948	1.99 5/1945	2.67 5/1945	2.75 18-19/1943
Apr.	Amt. Date	0.79 12/1948	1.49 12/1948	1.98 12/1948	2.45 12/1948	2.80 12/1948	3.21 12/1948
May	Amt. Date	0.80 30/1950	1.08 8/1943	1.29 15/1946	1.62 15-16/1946	1.90 15-16/1946	2.31 15-16/1946
Jun.	Amt. Date	1.65 29/1947	2.42 29/1947	2.53 29/1947	2.65 19-20/1950	2.95 15-16/1949	4.41 19-20/1950
Jul.	Amt. Date	1.65 28/1945	2.40 29/1949	2.40 29/1949	3.07 6/1947	3.84 6/1947	3.91 6/1947
Aug.	Amt. Date	1.23 3/1948	1.47 6/1945	1.47 6/1945	1.69 ^a 26/1944	2.34 26/1944	2.45 26-27/1944
Sep.	Amt. Date	1.29 1/1945	1.32 1/1945	1.43 1/1945	1.46 9/1946	1.60 24-25/1940	2.16 2/1950
Oct.	Amt. Date	0.96 20/1942	0.99 20/1942	1.03 30/1949	1.64 30/1949	2.02 30/1949	2.06 30-31/1949
Nov.	Amt. Date	0.54 5/1948	0.75 23/1942	0.96 5/1948	1.37 5/1948	2.01 2-3/1945	2.50 22-23/1942
Dec.	Amt. Date	0.47 31/1944	0.80 31/1944	0.96 31/1944	1.66 31/1944	2.41 31/1944	3.05 31-1/1944
Annual	Amt. Date	1.65 ^b 6/29/47	2.42 6/29/47	2.53 6/29/47	3.07 7/6/47	3.84 7/6/47	4.41 6/19-20/50

^a Also 18/1950. ^b Also 7/28/1945.

Station: LITTLE HICKMAN, KENTUCKY

Drainage basin: KENTUCKY

County: JESSAMINE

Lat. 37° 45'N Long. 84° 35'W

Elev.(ft) 560

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.51 15/1950	0.81 30/1950	1.05 30/1950	1.76 30-31/1950	2.19 30-31/1950	2.99 31-1/1945
Feb.	Amt. Date	0.52 26/1945	0.89 26/1945	1.15 26/1945	1.52 26/1945	2.24 14/1949	2.76 13-14/1949
Mar.	Amt. Date	0.78 16/1942	1.45 26/1946	1.68 26/1946	1.99 26/1946	2.15 30/1940	2.37 18-19/1943
Apr.	Amt. Date	0.85 9/1942	1.38 9/1942	1.62 9/1942	1.88 9/1942	2.33 8-9/1942	2.68 8-9/1942
May	Amt. Date	1.47 28/1950	1.85 28/1950	1.86 28/1950	1.87 28/1950	1.89 28/1950	1.96 28-29/1950
Jun.	Amt. Date	1.69 6/1942	2.01 6/1942	2.02 6/1942	2.23 27-28/1947	2.30 27-28/1947	2.62 18-19/1942
Jul.	Amt. Date	2.06 12/1944	2.53 12/1944	2.65 12/1944	3.55 7-8/1941	3.56 7-8/1941	3.56 7-8/1941
Aug.	Amt. Date	1.39 28/1949	1.79 28/1949	1.96 23/1942	2.73 23/1942	3.23 23/1942	3.31 23/1942
Sep.	Amt. Date	0.93 4/1944	1.10 12-13/1947	1.33 9/1940	1.47 24-25/1940	1.80 24-25/1940	1.81 24-25/1940
Oct.	Amt. Date	0.38 ^a 31/1942	0.70 31/1942	0.80 31/1942	1.34 31/1942	1.78 30-31/1942	1.87 30-31/1942
Nov.	Amt. Date	0.38 6/1941	0.72 6/1941	0.79 6/1941	1.05 22/1941	1.44 22-23/1941	1.94 10-11/1945
Dec.	Amt. Date	0.42 31/1944	0.70 31/1944	0.92 31/1944	1.64 31/1944	2.29 31/1944	2.99 31-1/1944
Annual	Amt. Date	2.06 7/12/44	2.53 7/12/44	2.65 7/12/44	3.55 7/7-8/41	3.56 7/7-8/41	3.56 7/7-8/41

^a Also 11/1946.

Station: LOGLICK, KENTUCKY

Drainage basin: KENTUCKY

County: CLARK

Lat. 37° 51' N Long. 84° 02' W

Elev.(ft.) 700 EST

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.61 30/1950	1.00 30/1950	1.20 30/1950	1.93 30-31/1950	2.49 30-31/1950	2.94 30-31/1950
Feb.	Amt. Date	0.49 13/1948	0.60 13/1948	0.84 26/1945	1.28 14/1949	1.84 14/1949	2.23 26-27/1945
Mar.	Amt. Date	0.50 16/1948	0.91 18/1943	1.06 18/1943	1.53 18-19/1943	1.96 18-19/1943	2.47 18-19/1943
Apr.	Amt. Date	1.28 11/1944	1.80 11/1944	1.97 11/1944	1.99 11/1944	2.39 8-9/1942	2.70 8-9/1942
May	Amt. Date	0.65 ^a 25/1943	1.00 25/1943	1.33 10/1949	1.91 10/1949	2.15 10/1949	2.49 9-10/1949
Jun.	Amt. Date	1.90 2/1942	2.37 2/1942	2.39 2/1942	2.65 16/1946	2.68 16/1946	3.27 16-17/1946
Jul.	Amt. Date	1.05 8/1946	1.78 29/1943	2.04 29/1943	2.54 26/1950	2.93 26/1950	2.93 26/1950
Aug.	Amt. Date	1.77 25/1943	1.85 25/1943	2.15 9/1941	3.01 23/1942	3.28 23/1942	3.28 23/1942
Sep.	Amt. Date	1.45 12/1947	2.10 12/1947	2.36 12/1947	2.44 12/1947	2.73 12-13/1947	2.82 12-13/1947
Oct.	Amt. Date	0.64 27/1941	0.79 27/1941	0.87 27/1941	1.11 30/1949	1.71 30/1949	1.77 30-31/1949
Nov.	Amt. Date	0.46 22/1942	0.70 22/1942	0.92 22/1942	1.15 22/1942	1.63 5-6/1948	2.43 2-3/1945
Dec.	Amt. Date	0.43 29/1942	0.64 31/1944	0.77 31/1944	1.04 31/1944	1.60 31-1/1947	2.59 29-30/1942
Annual	Amt. Date	1.90 6/2/42	2.37 6/2/42	2.39 6/2/42	3.01 8/23/42	3.28 8/23/42	3.28 8/23/42

^a Also 21/1947.

Station: LONDON, KENTUCKY

Drainage basin: CUMBERLAND

County: LAUREL

Lat. 37° 06' W Long. 84° 08' W

Elev.(ft) 1250

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.54 2/1947	0.74 2/1947	0.80 30/1947	1.35 30/1947	1.57 1/1947	2.18 31-1/1945
Feb.	Amt. Date	0.51 13/1946	0.78 9/1950	1.13 13/1948	1.53 13/1948	2.61 12-13/1948	3.75 12-13/1948
Mar.	Amt. Date	0.66 17/1945	1.01 18/1943	1.25 16/1942	1.68 18-19/1943	2.02 18-19/1943	2.79 18-19/1943
Apr.	Amt. Date	1.06 7/1948	1.46 7/1948	1.64 16/1945	2.00 16/1945	2.06 16-17/1945	2.12 18-19/1943
May	Amt. Date	1.07 24/1949	1.34 11/1943	1.47 11/1943	1.76 19/1947	2.05 19/1947	2.18 19/1947
Jun.	Amt. Date	1.27 21/1948	1.66 21/1948	1.66 21/1948	1.66 21/1948	1.66 21/1948	2.06 21-22/1948
Jul.	Amt. Date	2.90 25/1943	4.29 25/1943	4.34 25/1943	4.34 25/1943	4.34 25/1943	4.34 25/1943
Aug.	Amt. Date	2.15 13/1949	2.48 13/1949	2.49 13/1949	2.49 13/1949	2.49 13/1949	2.59 12-13/1941
Sep.	Amt. Date	0.73 2/1941	1.13 2/1941	1.16 2/1941	1.21 2/1941	2.00 18/1949	2.00 18/1949
Oct.	Amt. Date	0.56a 28/1949	0.84 28/1949	1.00 28/1949	1.39 28/1949	1.55 28/1949	1.55 28/1949
Nov.	Amt. Date	0.66 5/1948	0.94 5/1948	1.46 5-6/1948	1.96 5-6/1948	2.20 5-6/1948	2.20 5-6/1948
Dec.	Amt. Date	0.47 15/1942	0.66 15/1942	1.10 15/1942	1.49 15/1942	1.55 15-16/1942	2.18 31-1/1944
Annual	Amt. Date	2.90 7/25/43	4.29 7/25/43	4.34 7/25/43	4.34 7/25/43	4.34 7/25/43	4.34 7/25/43

a Also 23/1950.

Station: LOUISA, KENTUCKY

Drainage basin: BIG SANDY

County: LAWRENCE

Lat. 38° 07'N Long. 82° 37'W

Elev.(ft) 584

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 12/1950	0.61 12/1950	0.80a 7/1946	1.35 7/1946	1.78 7/1946	2.65 31-1/1945
Feb.	Amt. Date	0.40 28/1945	0.70 28/1945	0.84 28/1945	1.14 28/1945	1.23 27-28/1945	1.75 26-27/1945
Mar.	Amt. Date	0.59 17/1945	0.83 17/1945	0.94 17/1945	1.27 17/1945	1.47 18-19/1943	2.03 18-19/1943
Apr.	Amt. Date	0.99 8/1948	1.10 8/1948	1.20 16-17/1945	1.43 11/1944	1.62 12/1948	2.12 12/1948
May	Amt. Date	1.56 19/1942	2.51 19/1942	2.59 19/1942	2.69 19/1942	2.69 19/1942	2.93 19-20/1942
Jun.	Amt. Date	1.03 19/1950	1.28 30/1942	1.40 19/1950	2.03 19/1950	2.32 19/1950	2.84 18-19/1950
Jul.	Amt. Date	1.05 22/1942	1.07 22/1942	1.50 18/1941	1.83 18-19/1941	1.94 4/1941	2.12 4/1941
Aug.	Amt. Date	0.92 23/1942	1.61 23/1942	2.11 23/1942	3.27 23/1942	3.79 23/1942	3.79 23/1942
Sep.	Amt. Date	1.59 21/1950	1.77 5/1947	1.95 5/1947	2.15 5-6/1947	2.46 21/1950	2.87 20-21/1950
Oct.	Amt. Date	0.34 22/1950	0.62 22/1950	0.78 30/1949	1.19 30/1949	1.75 30-31/1949	1.84 30-31/1949
Nov.	Amt. Date	0.37 6/1941	0.63 2/1945	0.73 28/1948	0.89 28/1948	1.14 28/1948	1.65 28-29/1948
Dec.	Amt. Date	0.51 30/1942	0.75b 30/1942	0.93 30/1942	1.24 31/1944	1.79 29-30/1942	2.67 29-30/1942
Annual	Amt. Date	1.59 9/21/50	2.51 5/19/42	2.59 5/19/42	3.27 8/23/42	3.79 8/23/42	3.79 8/23/42

a Also 12/1950.

b Also 31/1944.

Station: LOUISVILLE, BOWMAN FIELD, KENTUCKY

Drainage basin: OHIO

County: JEFFERSON

Lat. 38° 13'N Long. 85° 40'W

Elev.(ft.) 558

Period of record: 1947-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.45 15/1950	0.64 15/1950	0.70 4/1949	1.02 1/1948	1.37 1/1948	1.57 31-1/1948
Feb.	Amt. Date	0.77 8/1950	1.44 8/1950	1.67 8/1950	1.74 8/1950	2.14 8-9/1950	2.19 8-9/1950
Mar.	Amt. Date	0.97 15/1948	1.53 15/1948	1.66 15/1948	1.83 15/1948	1.90 15-16/1948	1.92 26/1948
Apr.	Amt. Date	1.06 8/1948	1.25 8/1948	1.64 12/1948	2.12 11-12/1948	2.52 12/1948	3.53 11-12/1948
May	Amt. Date	1.20 9/1950	2.23 9/1950	2.54 9/1950	3.18 9-10/1950	4.23 9-10/1950	4.24 9-10/1950
Jun.	Amt. Date	1.13 20/1950	1.21 20/1950	1.22 20/1950	1.53 18/1950	1.89 15/1949	2.88 18-19/1950
Jul.	Amt. Date	0.75 18/1950	1.36 18/1950	1.47 18-19/1950	1.49 18-19/1950	1.79 21-22/1948	2.17 18-19/1950
Aug.	Amt. Date	1.41 17/1949	1.49 17/1949	1.50 17/1949	1.56 17/1949	1.98 17/1949	2.03 17/1949
Sep.	Amt. Date	0.38 12/1950	0.44 12/1950	0.53 12/1950	0.60 12/1950	0.63 2/1950	0.85 2-3/1950
Oct.	Amt. Date	0.30 8/1950	0.45 4/1949	0.61 4/1949	1.08 4/1949	1.33 4/1949	1.66 4-5/1949
Nov.	Amt. Date	0.75 5/1948	1.16 5/1948	1.42 5/1948	2.14 5/1948	3.29 5/1948	3.79 5/1948
Dec.	Amt. Date	0.32 3/1950	0.56 3/1950	0.85 3/1950	1.18 3/1950	1.25 31-1/1947	1.80 11-12/1949
Annual	Amt. Date	1.41 8/17/49	2.23 5/9/50	2.54 5/9/50	3.18 5/9-10/50	4.23 5/9-10/50	4.24 5/9-10/50

Station: LOUISVILLE WB APT, KENTUCKY*

Drainage basin: OHIO

County: JEFFERSON

Lat. 38° 11' N Long. 85° 44' W

Elev.(ft.) 485

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.59 30/1947	0.69 30/1947	0.83 30/1947	1.26 1/1942	1.36 31-1/1942	1.60 1-2/1947
Feb.	Amt. Date	1.00 8/1950	1.33 8/1950	1.47 8/1950	1.62 13/1948	2.51 26/1945	3.62 25-26/1945
Mar.	Amt. Date	0.84 15/1948	1.27 6/1945	1.45 18-19/1943	2.40 6/1945	3.24 18-19/1943	4.65 18-19/1943
Apr.	Amt. Date	1.38 8/1948	1.38 8/1948	1.45 12/1948	1.92 11-12/1948	2.41 11-12/1948	3.62 8-9/1942
May	Amt. Date	1.37 9/1950	2.11 9/1950	2.21 9/1950	2.98 9-10/1950	3.94 9-10/1950	3.97 9-10/1950
Jun.	Amt. Date	1.34 19/1946	1.56 21/1942	1.78 13/1946	1.93 21/1942	2.01 15/1949	3.19 18-19/1942
Jul.	Amt. Date	1.30 31/1941	1.59 28/1942	1.85 18-19/1950	2.52 26-27/1944	2.55 26-27/1944	2.69 26-27/1944
Aug.	Amt. Date	0.84 18/1947	1.07 23/1942	1.42 23/1942	2.09 23/1942	2.49 23/1942	2.51 22-23/1942
Sep.	Amt. Date	0.84 17/1942	1.64 17/1942	1.83 17/1942	1.95 17/1942	2.46 17/1942	2.66 17/1942
Oct.	Amt. Date	0.87 1/1945	1.28 1/1945	1.31 1/1945	1.61 27/1947	1.66 27/1947	1.90 4-5/1949
Nov.	Amt. Date	0.70 21/1942	1.15 21/1942	1.25 21/1942	2.00 5/1948	3.12 5/1948	3.58 5/1948
Dec.	Amt. Date	0.52 23/1941	0.84 23/1941	0.88 23/1941	1.23 23/1941	1.38 23-24/1941	1.79 11-12/1949
Annual	Amt. Date	1.38 4/8/48	2.11 5/9/50	2.21 5/9/50	2.98 5/9-10/50	3.94 5/9-10/50	4.65 3/18-19/43

*Formerly Standiford Field, Kentucky

Station: LOUISVILLE WB CITY, KENTUCKY*

Drainage basin: OHIO

County: JEFFERSON

Lat. 38° 15' N Long. 85° 46' W

Elev.(ft.) 457

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.53 15/1950	0.64 ^a 4/1949	0.73 30/1947	1.07 1/1948	1.44 5-6/1950	1.61 1-2/1947
Feb.	Amt. Date	0.77 8/1950	1.28 8/1950	1.49 8/1950	1.63 8/1950	2.38 26/1945	3.13 25-26/1945
Mar.	Amt. Date	1.24 15/1948	1.74 15/1948	2.09 ^b 19/1943	3.06 18-19/1943	4.14 19/1943	5.80 18-19/1943
Apr.	Amt. Date	1.19 16/1941	1.42 8/1948	1.58 12/1948	1.88 11-12/1948	2.29 12/1948	3.32 8-9/1942
May	Amt. Date	1.29 9/1950	1.74 9/1950	1.80 9/1950	2.61 9-10/1950	3.50 9-10/1950	3.50 9-10/1950
Jun.	Amt. Date	1.29 6/1943	2.23 1/1947	2.24 1/1947	2.85 1-2/1947	3.02 1-2/1947	3.02 1-2/1947
Jul.	Amt. Date	1.29 6/1942	1.47 6/1942	1.89 26/1944	2.35 26-27/1944	2.45 21-22/1948	2.58 26-27/1944
Aug.	Amt. Date	1.72 6/1949	2.43 6/1949	2.56 6/1949	2.60 6/1949	2.60 6/1949	2.60 6/1949
Sep.	Amt. Date	1.13 13/1945	1.17 13/1945	1.23 4/1944	1.50 27-28/1944	2.42 27-28/1944	2.58 27-28/1944
Oct.	Amt. Date	0.70 27/1947	0.90 27/1947	1.03 27/1947	1.43 27/1947	1.63 16-17/1948	1.91 16-17/1948
Nov.	Amt. Date	0.81 21/1942	1.24 21/1942	1.28 21/1942	1.68 21/1942	2.49 5/1948	2.77 5/1948
Dec.	Amt. Date	0.80 23/1941	1.02 23/1941	1.05 23/1941	1.52 23/1941	1.64 22-23/1941	1.94 22-23/1941
Annual	Amt. Date	1.72 8/6/49	2.43 8/6/49	2.56 8/6/49	3.06 3/18-19/43	4.14 3/19/43	5.80 3/18-19/43

*Given for comparative purposes. See next page for complete record.
 a Also 15/1950. b Also 15/1948. March 24-hr and December 1-, and
 2-hr are true maxima.

Station: LOUISVILLE WB CITY, KENTUCKY

Drainage basin: OHIO

County: JEFFERSON

Lat. 38° 15'N Long. 85° 46'W

Elev.(ft.) 457

Period of record: 1896-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.89 2/1907	1.34 2/1907	1.46 2/1907	1.84 2/1907	3.20 2/1907	4.25 20-21/1937
Feb.	Amt. Date	1.10 23/1909	1.28 8/1950	1.50 23/1909	2.31 23/1909	3.41 23/1909	5.00 22-23/1909
Mar.	Amt. Date	1.37 25/1913	1.94 25/1913	2.31 25/1913	3.06 18-19/1943	4.14 19/1943	5.80 18-19/1943
Apr.	Amt. Date	1.25 26/1912	1.71 26/1912	1.92 14/1922	2.54 14/1922	2.55 14/1922	3.32 8-9/1942
May	Amt. Date	1.66 14/1934	1.77 14/1934	1.80 9/1950	2.61 9-10/1950	3.50 9-10/1950	3.53 22-23/1902
Jun.	Amt. Date	1.92 8/1922	2.23 1/1947	2.24 1/1947	2.85 1-2/1947	3.02 1-2/1947	3.02 1-2/1947
Jul.	Amt. Date	2.91 4/1896	4.35 4/1896	4.55 4/1896	4.66 4/1896	4.66 4/1896	5.50 4/1896
Aug.	Amt. Date	2.13 29/1917	2.63 8/1898	2.91 8/1898	3.22 8/1898	3.34 8/1898	3.62 8-9/1898
Sep.	Amt. Date	1.83 4/1923	2.10 4/1923	2.18 4/1923	2.30 4/1923	2.42 27-28/1944	3.11 1-2/1916
Oct.	Amt. Date	0.80 12/1927	1.06 6/1910	1.31 6/1910	2.39 5-6/1910	3.97 5-6/1910	5.06 5-6/1910
Nov.	Amt. Date	1.41 20/1906	2.13 17/1921	2.36 17/1921	2.94 17/1921	3.02 ^a 19-20/1906	3.17 17-18/1921
Dec.	Amt. Date	0.80 23/1941	1.02 23/1941	1.14 16/1915	1.87 16/1915	2.84 16/1915	4.41 16-17/1915
Annual	Amt. Date	2.91 7/4/96	4.35 7/4/96	4.55 7/4/96	4.66 7/4/96	4.66 7/4/96	5.80 3/18-19/43

^a Also 17/1921.

All 1-hr, All 2-hr except February, June, August, and October, and all 24-hr except April, May, June, August and October are true maxima.

Station: LUCAS, KENTUCKY

Drainage basin: GREEN

County: BARREN

Lat. 36° 53'N Long. 86° 02'W

Elev.(ft.) 800 EST

Period of record: 1944-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.90 1/1948	1.25 1/1948	1.55 1/1948	2.02 1/1948	2.16 1/1948	3.53 31-1/1945
Feb.	Amt. Date	0.69 21/1945	0.89 21/1945	1.03 14/1949	1.76 14/1949	2.38 13-14/1949	3.06 13-14/1949
Mar.	Amt. Date	1.29 17/1945	1.44 17/1945	1.44 17/1945	1.44 17/1945	1.74 6-7/1946	1.90 6-7/1946
Apr.	Amt. Date	0.68 15/1947	0.93 15-16/1947	1.03 15-16/1947	1.17 15-16/1947	1.33 12/1948	1.56 12/1948
May	Amt. Date	1.20 19/1947	1.80 19/1947	2.00 19/1947	2.17 19/1947	2.17 19/1947	2.17 19/1947
Jun.	Amt. Date	1.03 9/1945	1.22 20/1950	1.44 14/1949	2.18 14/1949	3.14 14/1949	3.50 14-15/1949
Jul.	Amt. Date	1.08 14/1945	1.35 25-26/1950	1.43 25-26/1950	1.73 13/1950	1.92 25-26/1950	2.18 23-24/1950
Aug.	Amt. Date	1.80 13/1947	1.92 15/1944	2.42 15/1944	3.25 15/1944	3.41 15/1944	4.33 15-16/1944
Sep.	Amt. Date	1.58 9/1946	2.30 9/1946	2.38 9/1946	2.67 9/1946	2.88 9/1946	2.88 9/1946
Oct.	Amt. Date	1.19 27/1947	1.23 27/1947	1.25 27/1947	1.26 27/1947	1.27 27/1947	1.62 8-9/1949
Nov.	Amt. Date	1.12 5/1948	1.38 5/1948	1.60 5/1948	2.42 5/1948	2.87 5/1948	3.14 5-6/1948
Dec.	Amt. Date	0.57 15/1948	1.01 11/1949	1.32 11/1949	1.91 31/1944	2.92 31/1944	3.56 31/1944
Annual	Amt. Date	1.80 8/13/47	2.30 9/9/46	2.42 8/15/44	3.25 8/15/44	3.41 8/15/44	4.33 8/15-16/44

Station: MCKINNEYSBURG, KENTUCKY

Drainage basin: LICKING

County: PENDLETON

Lat. 38° 36'N Long. 84° 16'W

Elev.(ft.) 610

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.44 30/1947	0.69 30/1947	0.95 30/1947	1.44 30/1947	1.48 30/1947	1.70 1-2/1947
Feb.	Amt. Date	0.50 15/1949	0.68 22/1944	0.86 22/1944	1.36 8/1950	1.82 26/1945	2.67 26/1945
Mar.	Amt. Date	0.84 6/1944	1.26 26-27/1948	1.70 26-27/1948	2.25 26-27/1948	3.06 6/1945	3.25 5-6/1945
Apr.	Amt. Date	0.63 12/1948	1.00 12/1948	1.37 12/1948	2.35 15-16/1947	2.88 12/1948	3.82 12-13/1948
May	Amt. Date	0.90 15/1945	0.94 15/1945	0.95 15-16/1945	1.13 13-14/1943	1.41 13-14/1943	1.65 15-16/1946
Jun.	Amt. Date	2.29 16/1946	2.55 16/1946	2.78 16/1946	2.82 16/1946	2.95 16/1946	4.63 16-17/1946
Jul.	Amt. Date	1.43 10/1942	1.53 18/1941	1.54 28/1945	1.64 ^a 28/1945	2.01 10/1942	2.01 10/1942
Aug.	Amt. Date	1.06 29/1948	1.43 29/1948	1.45 29/1948	1.53 29/1948	1.53 29/1948	2.48 27/1944
Sep.	Amt. Date	1.67 12/1950	1.72 12/1950	1.73 12/1950	1.73 12/1950	1.73 12/1950	1.73 12/1950
Oct.	Amt. Date	0.72 8/1950	0.96 8/1950	1.63 8/1950	1.94 8/1950	1.98 8/1950	2.10 31-1/1941
Nov.	Amt. Date	0.55 20/1950	0.84 26/1946	1.16 26/1946	1.76 26/1946	1.96 26/1946	2.29 5-6/1948
Dec.	Amt. Date	0.29 14/1948	0.48 14/1948	0.61 14/1948	1.13 14/1948	1.70 14-15/1948	2.45 14-15/1948
Annual	Amt. Date	2.29 6/16/46	2.55 6/16/46	2.78 6/16/46	2.82 6/16/46	3.06 3/6/45	4.63 6/16-17/46

^a Also 30/ 1949.

Station: MADISONVILLE, KENTUCKY

Drainage basin: GREEN

County: HOPKINS

Lat. 37° 19'N Long. 87° 29'W

Elev.(ft.) 435

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.11 30/1947	1.18 30/1947	1.20 30/1947	1.48 30/1947	2.02 8/1946	2.56 8-9/1946
Feb.	Amt. Date	0.59 25/1944	0.97 25/1944	1.22 26/1945	1.79 26/1945	2.13 25-26/1945	2.71 25-26/1945
Mar.	Amt. Date	0.93 26/1949	1.36 26/1949	1.48 26/1949	1.64 5/1945	1.81 4-5/1945	2.28 26/1949
Apr.	Amt. Date	0.72 11/1944	1.21 15/1947	1.35 15/1947	1.57 15/1947	1.96 15-16/1947	2.13 2-3/1950
May	Amt. Date	1.40 13/1943	1.53 11/1943	1.73 11/1943	1.82 3-4/1944	2.75 3-4/1944	3.00 3-4/1944
Jun.	Amt. Date	1.30 29/1945	1.42 29/1945	1.60 11/1945	1.88 11/1945	2.14 3/1950	2.72 7-8/1945
Jul.	Amt. Date	1.40 15/1949	1.68 31/1950	1.81 31/1950	1.82 31/1950	1.99E 31/1950	2.14 30-31/1950
Aug.	Amt. Date	1.99 15/1947	3.42 15/1947	3.69 15/1947	3.70 15/1947	4.05 14-15/1947	4.52 14-15/1947
Sep.	Amt. Date	0.75 8/1950	1.28 8/1950	1.29 8/1950	1.61 2/1950	1.78 2/1950	2.18 7-8/1950
Oct.	Amt. Date	0.54 21/1949	0.71 27/1947	0.92 27/1947	1.52 27/1947	1.98 27/1947	2.35 26-27/1947
Nov.	Amt. Date	0.72 20/1950	0.95 20/1950	1.10 20/1950	1.49 25/1946	1.95 25/1946	2.80 25-26/1946
Dec.	Amt. Date	0.59 25/1944	0.75 6/1943	0.91 24/1945	1.17 25/1944	1.45 25/1944	1.81 11/1949
Annual	Amt. Date	1.99 8/15/47	3.42 8/15/47	3.69 8/15/47	3.70 8/15/47	4.05 8/14-15/47	4.52 8/14-15/47

Station: MAYSVILLE DAM 33, KENTUCKY

Drainage basin: OHIO

County: MASON

Lat. 38° 38' N Long. 83° 42' W

Elev. (ft.) 524

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.52 7/1946	0.71 7/1946	0.85 30/1947	1.48 30/1947	1.60 30/1947	2.25 4-5/1950
Feb.	Amt. Date	0.69 22/1944	0.94 22/1944	0.99 22/1944	1.43 8-9/1950	1.92 26/1945	2.98 25-26/1945
Mar.	Amt. Date	0.60 26/1946	0.90 26/1946	1.22 26/1946	1.60a 6/1945	2.32 2-3/1940	2.66 18-19/1943
Apr.	Amt. Date	0.61 13/1948	1.06 13/1948	1.31 12/1948	2.02 12/1948	2.46 11-12/1948	3.63 12-13/1948
May	Amt. Date	1.02 24/1950	1.20 15/1945	1.28 24/1950	1.36 24/1950	1.52 23-24/1940	2.57 23-24/1940
Jun.	Amt. Date	1.23 2/1941	2.23 2/1941	2.36 2/1941	2.75 2-3/1941	2.93 2-3/1941	3.06 2-3/1941
Jul.	Amt. Date	1.97 20/1946	2.65 20/1946	2.71 20/1946	2.71 20/1946	2.71 20/1946	2.76 20/1946
Aug.	Amt. Date	2.08 12/1949	2.51 12/1949	2.63 12/1949	2.66 12/1949	2.67 12-13/1949	2.69 12-13/1949
Sep.	Amt. Date	1.41 27/1944	1.82 27/1944	1.95 27/1944	2.06 27/1944	2.38 27-28/1944	2.56 21-22/1950
Oct.	Amt. Date	0.93 1/1945	1.23 1/1945	1.28 1/1945	1.43 31/1941	1.91 31/1941	2.01 30-31/1941
Nov.	Amt. Date	0.52 2/1945	0.75 26/1946	0.99 26/1946	1.25 26/1946	1.80 1/1940	2.05 1/1940
Dec.	Amt. Date	0.39 14/1948	0.71 14-15/1948	0.99 14-15/1948	1.55 14-15/1948	1.63 14-15/1948	2.28 29-30/1942
Annual	Amt. Date	2.08 8/12/49	2.65 7/20/46	2.71 7/20/46	2.75 6/2-3/41	2.93 6/2-3/41	3.63 4/12-13/48

a Also 26/1946.

Station: MIDDLESBORO, KENTUCKY

Drainage basin: CUMBERLAND

County: BELL

Lat. 36° 37'N Long. 83° 43'W

Elev.(ft.) 1130

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.37 30/1947	0.66 30/1947	0.79 20/1947	1.25 ^a 19-20/1947	2.29 5/1949	2.83 ^E 29-30/1950
Feb.	Amt. Date	0.53 21/1945	0.83 21-22/1945	1.08 9/1950	1.57 9/1950	1.59 9/1950	1.66 28/1944
Mar.	Amt. Date	0.89 16/1942	1.32 16-17/1942	1.60 16-17/1942	2.20 16-17/1942	2.34 16-17/1942	2.34 16-17/1942
Apr.	Amt. Date	0.84 11/1944	1.26 11/1944	1.32 22/1949	1.43 11/1944	1.83 18-19/1943	2.20 3-4/1941
May	Amt. Date	1.17 20/1943	1.57 22/1949	1.58 22/1949	2.06 20/1943	2.08 20/1943	2.14 19-20/1943
Jun.	Amt. Date	1.41 8/1943	1.51 8/1943	1.52 8/1943	1.52 8/1943	1.92 20-21/1950	2.60 20-21/1950
Jul.	Amt. Date	1.64 12/1940	1.65 12/1940	1.75 6/1942	2.25 4/1941	3.00 4/1941	3.80 3-4/1941
Aug.	Amt. Date	2.67 13/1944	2.82 13/1944	2.89 13/1944	2.94 13/1944	3.37 25/1941	3.37 25/1941
Sep.	Amt. Date	1.29 18/1942	1.66 18/1942	1.67 18/1942	1.72 18/1942	1.78 18/1942	1.82 18-19/1942
Oct.	Amt. Date	0.55 6/1949	0.61 8/1950	0.72 8/1950	1.15 25/1946	1.52 25-26/1945	2.11 8-9/1946
Nov.	Amt. Date	0.72 20/1950	0.95 20/1950	1.12 20/1950	1.45 20/1950	1.78 28/1948	2.46 28-29/1948
Dec.	Amt. Date	0.44 29/1946	0.60 23/1941	0.72 12-13/1949	1.35 12-13/1949	1.76 12-13/1949	2.07 12-13/1949
Annual	Amt. Date	2.67 8/13/44	2.82 8/13/44	2.89 8/13/44	2.94 8/13/44	3.37 8/25/41	3.80 7/3-4/41

a Also 5/1949

Station: MILLERSBURG, KENTUCKY

Drainage basin: LICKING

County: BOURBON

Lat. 38° 18'N Long. 84° 09'W

Elev.(ft.) 850 EST

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.13 7/1946	1.25 6-7/1946	1.32 7/1946	1.52 15/1947	2.00 4-5/1950	2.75 4-5/1950
Feb.	Amt. Date	0.55 27/1948	0.61 27/1948	0.87 13/1946	1.23 13/1946	1.65 13/1948	1.83 12-13/1948
Mar.	Amt. Date	0.68 16/1948	1.14 15-16/1948	1.33 15-16/1948	1.66a 6/1945	2.14 6/1945	2.22 5-6/1945
Apr.	Amt. Date	1.19 7/1948	1.63 7/1948	1.69 7/1948	2.05 12-13/1948	2.65 12-13/1948	3.99 12-13/1948
May	Amt. Date	0.84 17/1945	0.95 17/1945	1.03 11/1943	1.39 11/1943	1.62 11/1943	1.81 16-17/1945
Jun.	Amt. Date	1.59 20/1950	1.95 29-30/1944	2.64 29-30/1944	2.97 18-19/1950	3.36 18-19/1950	4.75 18-19/1950
Jul.	Amt. Date	1.85 18/1941	3.35 18/1941	3.45 18/1941	3.69 18/1941	3.69 18/1941	3.69 18/1941
Aug.	Amt. Date	2.44 4/1949	2.97 30/1948	3.10 30/1948	3.15 30/1948	3.15 30/1948	3.15 30/1948
Sep.	Amt. Date	0.79 13/1947	1.34 3/1941	1.90 3/1941	1.94 3/1941	1.94 3/1941	2.28 8-9/1950
Oct.	Amt. Date	0.92 14/1941	1.29 14/1941	1.36 14/1941	1.53 14-15/1941	1.77 14/1941	1.80 14-15/1941
Nov.	Amt. Date	0.55 28/1949	0.93 28/1949	1.28 28/1949	1.85 28/1949	1.90b 5-6/1948	2.49 5-6/1948
Dec.	Amt. Date	0.42 14/1948	0.68 14/1948	0.94 14/1948	1.31 14-15/1948	1.98 14-15/1948	2.50 14-15/1948
Annual	Amt. Date	2.44 8/4/49	3.35 7/18/41	3.45 7/18/41	3.69 7/18/41	3.69 7/18/41	4.75 6/18-19/50

a Also 15-16/1948. b Also 28/1949.

Station: MOREHEAD STATE COLLEGE, KENTUCKY

Drainage basin: LICKING

County: ROWAN

Lat. 38° 11' N Long. 83° 26' W

Elev.(ft.) 770

Period of record: 1946-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.75 29/1950	1.00 29/1950	1.08 5/1949	1.60 30-31/1950	2.05 30-31/1950	2.68 30-31/1950
Feb.	Amt. Date	0.40 13/1948	0.63 13/1948	0.89 13/1948	1.17 13/1948	1.55 13-14/1949	2.32 13-14/1949
Mar.	Amt. Date	0.49 16/1948	0.79 16/1948	1.09 16/1948	1.33 16/1948	1.82 15-16/1948	1.92 11-12/1950
Apr.	Amt. Date	0.93 8/1948	1.42 8/1948	1.49 8/1948	1.63 12/1948	1.86 12/1948	3.49 12-13/1948
May	Amt. Date	0.72 22/1949	0.88 21/1947	0.97 21/1947	1.07 21/1947	1.08 21/1947	1.22 21-22/1949
Jun.	Amt. Date	1.37 19/1950	2.46 19/1950	2.99 19/1950	3.24 19/1950	4.88 19/1950	6.34 18-19/1950
Jul.	Amt. Date	2.08 12/1949	2.09 12/1949	2.11 12/1949	2.88 12/1949	2.91 12-13/1949	2.92 12-13/1949
Aug.	Amt. Date	1.42a 5/1947	1.72a 5/1947	2.35 5/1947	2.44 5/1947	2.44 5/1947	2.51 5-6/1947
Sep.	Amt. Date	1.20 10/1946	1.24b 10/1946	1.55 5/1947	1.64E 19-20/1950	3.28 19-20/1950	4.37 19-20/1950
Oct.	Amt. Date	0.32 12/1946	0.52 8/1950	0.72 8/1950	1.07 30/1949	1.71 11-12/1946	1.90 11-12/1946
Nov.	Amt. Date	0.48 16/1950	0.70 16/1948	0.91 6/1948	1.40 5-6/1948	1.51 5-6/1948	1.61 2-3/1947
Dec.	Amt. Date	0.32 14/1948	0.61 14/1948	0.90 14-15/1948	1.28 14-15/1948	2.34 14-15/1948	2.83 14-15/1948
Annual	Amt. Date	2.08 7/12/49	2.46 6/19/50	2.99 6/19/50	3.24 6/19/50	4.88 6/19/50	6.34 6/18-19/50

a Also 30/1948. b Also 5/1947.

Station: OLIVE HILL, KENTUCKY

Drainage basin: OHIO

County: CARTER

Lat. 38° 18' N Long. 83° 11' W

Elev.(ft.) 752

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.56 29/1950	1.08 29/1950	1.18 29/1950	1.42 29/1950	1.94 31-1/1945	2.59E 31-1/1945
Feb.	Amt. Date	0.50 27/1948	0.62 27/1948	0.76 27/1948	1.14 21-22/1945	1.40 21-22/1945	1.98 26-27/1945
Mar.	Amt. Date	0.80 16/1942	0.83 16/1942	1.02 26/1946	1.36 26/1946	1.89 18-19/1943	2.40 18-19/1943
Apr.	Amt. Date	0.77 8/1948	1.52 8/1948	1.59 8/1948	1.76 12/1948	2.11 9/1942	3.12 12-13/1948
May	Amt. Date	1.27 22/1949	1.49 22/1949	1.54 22/1949	1.55 22/1949	1.68 25/1943	1.90 31-1/1946
Jun.	Amt. Date	1.57 21/1942	1.75 21/1942	1.77 21/1942	2.11 21/1942	2.59 18-19/1950	2.74 18-19/1950
Jul.	Amt. Date	1.84 12/1949	3.22 12/1949	3.37 12/1949	4.44 12/1949	4.47 12-13/1949	4.48 12-13/1949
Aug.	Amt. Date	2.05 9/1946	2.18 9/1946	2.18 9/1946	2.24 15/1949	2.55 23/1942	2.75 22-23/1942
Sep.	Amt. Date	1.07 5/1947	1.89 5/1947	2.15 5/1947	2.38 5/1947	3.51 19-20/1950	4.83 19-20/1950
Oct.	Amt. Date	0.56a 15/1943	0.91 15/1943	1.05 15/1943	1.44 15/1943	1.65 30/1949	1.68 30-31/1949
Nov.	Amt. Date	0.80 2/1945	0.85 2/1945	1.03 28/1949	1.29 28/1949	1.32 28/1949	2.00 2-3/1945
Dec.	Amt. Date	0.34 31/1944	0.53 31/1944	0.75 31/1944	1.34 31/1944	1.95 14-15/1948	2.59E 31-1/1944
Annual	Amt. Date	2.05 8/9/46	3.22 7/12/49	3.37 7/12/49	4.44 7/12/49	4.47 7/12-13/49	4.83 9/19-20/50

a Also 2/1945.

Station: OWENSBORO DAM 46, KENTUCKY

Drainage basin: OHIO

County: DAVIESS

Lat. 37° 47' N Long. 87° 08' W

Elev.(ft.) 404

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.75 10/1950	0.93 12/1950	1.11 12/1950	1.81 12/1950	2.44 12/1950	3.38 12-13/1950
Feb.	Amt. Date	0.57 15/1949	0.81 26/1945	1.17 26/1945	1.80E 26/1945	2.72E 25-26/1945	3.20 25-26/1945
Mar.	Amt. Date	1.13 19/1943	1.83 19/1943	2.28 19/1943	3.71 19/1943	4.27 19/1943	5.43 18-19/1943
Apr.	Amt. Date	0.68 10/1947	1.03 10-11/1947	1.34 3/1950	2.24 2-3/1950	2.66 2-3/1950	3.80 2-3/1950
May	Amt. Date	1.16 14/1942	1.22 14/1942	1.22 14/1942	1.50 14/1942	1.80 3-4/1944	1.97 15-16/1947
Jun.	Amt. Date	1.57 1/1947	1.59 1/1947	2.07 1/1947	2.92 1/1947	3.46 1/1947	3.57 1-2/1947
Jul.	Amt. Date	1.72 27/1947	1.72 27/1947	1.72 27/1947	2.03 4-5/1943	2.08 4-5/1943	2.25 4-5/1943
Aug.	Amt. Date	1.71 23/1942	2.55 23/1942	3.29 23/1942	4.06 23/1942	4.15 22-23/1942	4.15 22-23/1942
Sep.	Amt. Date	2.78 5/1949	3.49 5/1949	3.63 5/1949	3.79 5/1949	3.79 5/1949	3.79 5/1949
Oct.	Amt. Date	0.80 1/1945	0.90 1/1945	0.92 1/1945	1.40 27/1947	1.94 27/1947	2.22 26-27/1947
Nov.	Amt. Date	1.09 5/1948	1.37 5/1948	1.58 5/1948	2.47 5/1948	3.68 5/1948	3.70 5/1948
Dec.	Amt. Date	0.51 23/1941	0.57a 27/1940	0.77 27/1940	1.12 31-1/1941	1.19 31-1/1941	1.94 31-1/1941
Annual	Amt. Date	2.78 9/5/49	3.49 9/5/49	3.63 9/5/49	4.06 8/23/42	4.27 3/19/43	5.43 3/18-19/43

a Also 28-29/1946.

Station: PADUCAH, KENTUCKY

Drainage basin: OHIO

County: McCRACKEN

Lat. 37° 04' N Long. 88° 35' W

Elev.(ft.) 350 EST

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.45 30/1947	1.70 30/1947	1.70 30/1947	2.79 24/1949	3.46 24/1949	3.88 23-24/1949
Feb.	Amt. Date	0.53 12/1950	0.95 12/1950	1.29 12/1950	1.97 12/1950	2.71 13-14/1949	3.58 13-14/1949
Mar.	Amt. Date	1.00 30/1945	1.18 30/1945	1.32 30/1945	1.85 30/1945	2.22 27/1950	2.35 26-27/1950
Apr.	Amt. Date	1.14 11/1944	1.54 11/1944	1.68 10-11/1944	1.96 15/1945	2.04 8/1942	3.59 8-9/1942
May	Amt. Date	1.52 24/1946	1.80 10-11/1943	2.35 10/1943	3.37 10-11/1943	4.94 10-11/1943	5.02 10-11/1943
Jun.	Amt. Date	1.69 7/1942	1.69 7/1942	1.80 7/1942	1.80 7/1942	1.80 7/1942	1.86 7-8/1942
Jul.	Amt. Date	1.41 27/1942	1.73 27/1942	1.90 27/1942	2.19 27/1942	2.29 27/1942	2.32 27-28/1942
Aug.	Amt. Date	1.33 7/1940	1.82 11/1945	1.90 11/1945	2.12 23/1942	2.71 22-23/1942	2.74 22-23/1942
Sep.	Amt. Date	1.42 5/1949	1.99 5/1949	2.18 6/1943	3.30 5/1949	3.34 5/1949	3.34 5/1949
Oct.	Amt. Date	1.20 27/1947	1.57 27/1947	2.24 27/1947	2.73 27/1947	3.18 26-27/1947	3.20 26-27/1947
Nov.	Amt. Date	1.19 10/1947	1.51 10/1947	1.58 10/1947	1.87 19-20/1950	2.11 19-20/1950	2.70 25-26/1946
Dec.	Amt. Date	0.74 27/1942	0.97 27/1942	1.08 27/1942	1.39 27/1942	1.94 31-1/1941	2.35 31-1/1941
Annual	Amt. Date	1.69 6/7/42	1.99 9/5/49	2.35 5/10/43	3.37 5/10-11/43	4.94 5/10-11/43	5.02 5/10-11/43

Station: PIKEVILLE, KENTUCKY

Drainage basin: BIG SANDY

County: PIKE

Lat. 37° 29'N Long. 82° 31'W

Elev.(ft.) 686

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.48 7/1946	0.81 7/1946	1.11 7/1946	1.67 7/1946	2.42 7/1946	2.89 7/1946
Feb.	Amt. Date	0.34 28/1945	0.60 9/1950	0.79 9/1950	1.02 12-13/1948	1.70 12-13/1948	2.09 13/1948
Mar.	Amt. Date	0.52 16/1948	0.80 5/1945	1.10 5/1945	1.69 5/1945	1.86 5/1945	1.86 5/1945
Apr.	Amt. Date	1.18 4/1945	1.32 4/1945	1.48 11/1944	1.54 4-5/1945	1.54 4-5/1945	2.40 11-12/1944
May	Amt. Date	0.97 24/1944	1.02 24/1944	1.02 24/1944	1.02 24/1944	1.41 24/1944	1.63 24/1944
Jun.	Amt. Date	1.27 30/1942	2.01 30/1942	2.75 30/1942	3.16 30-1/1942	3.16 30-1/1942	3.38 15-16/1948
Jul.	Amt. Date	1.27 1/1946	1.30 1/1946	1.67 30-1/1942	3.16 30-1/1942	3.16 30-1/1942	3.28 30-1/1942
Aug.	Amt. Date	1.10 4/1949	1.14 3/1947	1.14 3/1947	1.41 3/1947	1.52 29/1946	2.26 13-14/1940
Sep.	Amt. Date	0.81 6/1947	1.16 14/1945	1.68 5-6/1947	1.76 5-6/1947	1.77 5-6/1947	1.87 19-20/1950
Oct.	Amt. Date	0.39 4/1942	0.55 14/1949	0.64 14/1949	0.80 17/1948	1.05 17/1948	1.07 4-5/1942
Nov.	Amt. Date	1.09 2/1945	1.14 2/1945	1.30 2/1945	2.22 2/1945	2.59 2-3/1945	2.84 2-3/1945
Dec.	Amt. Date	0.36 29/1946	0.55 7/1950	0.70 7/1950	0.90 15/1942	1.15 12-13/1941	1.43 2-3/1948
Annual	Amt. Date	1.27a 6/30/42	2.01 6/30/42	2.75 6/30/42	3.16 6/30- 7/1/42	3.16 6/30- 7/1/42	3.38 6/15-16/48

a Also 7/1/1946.

Station: RAYWICK, KENTUCKY

Drainage basin: SALT

County: MARION

Lat. 37° 33'N Long. 85° 26'W

Elev.(ft.) 700 EST

Period of record: 1941-1948

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.69 30/1947	0.88 30/1947	1.06 30/1947	1.44 30/1947	1.52 30/1947	2.65 31-1/1945
Feb.	Amt. Date	0.73 13/1948	1.16 26/1945	1.57 26/1945	2.05 26/1945	2.76 26/1945	3.28 25-26/1945
Mar.	Amt. Date	0.90 26/1948	1.57 26/1948	1.60 26/1948	2.17 26-27/1948	2.17 26-27/1948	2.92 26-27/1948
Apr.	Amt. Date	1.22 22/1944	1.76 22/1944	1.77 22-23/1944	1.77 22-23/1944	1.93 15-16/1947	2.58 12-13/1948
May	Amt. Date	0.80 11/1943	1.22 11/1943	1.59 11/1943	1.80 11/1943	1.81 11/1943	1.88 11/1943
Jun.	Amt. Date	1.64 13/1946	2.10 11/1945	2.11 11/1945	2.13 11/1945	2.30 11/1945	2.31 11/1945
Jul.	Amt. Date	1.32 18/1941	1.34 18/1941	1.88 6/1947	2.98 6/1947	3.47 6/1947	3.53 6/1947
Aug.	Amt. Date	1.54 4/1943	1.61 4/1943	1.69 15/1947	2.06 26/1944	3.41 26/1944	3.67 26/1944
Sep.	Amt. Date	1.51 2/1941	1.53 2/1941	1.54 2/1941	1.54 2/1941	1.54 2/1941	1.54 2/1941
Oct.	Amt. Date	0.48a 20/1942	0.65 30-31/1942	0.93 30-31/1942	1.23 30-31/1942	1.76 30-31/1942	1.90 30-31/1942
Nov.	Amt. Date	0.75 5/1948	1.28 5/1948	1.72 5/1948	2.35 5/1948	3.35 5/1948	4.02 5/1948
Dec.	Amt. Date	0.48 1/1941	0.64 27/1942	0.90 29/1946	1.15 28-29/1946	1.77 14-15/1948	2.65 31-1/1944
Annual	Amt. Date	1.64 6/13/46	2.10 6/11/45	2.11 6/11/45	2.98 7/6/47	3.47 7/6/47	4.02 11/5/48

a Also 1/1945.

Station: RUMSEY, KENTUCKY

Drainage basin: GREEN

County: McLEAN

Lat. 37° 32' N Long. 87° 16' W

Elev.(ft.) 384

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.54 4/1950	1.05 4/1950	1.18 4/1950	1.61 4/1950	2.35 3-4/1950	2.74 3-4/1950
Feb.	Amt. Date	0.44 26/1945	0.87 26/1945	1.22 26/1945	1.86 26/1945	2.41 25-26/1945	3.37 13-14/1949
Mar.	Amt. Date	0.89 17/1945	1.33 26/1949	1.44 26/1949	1.69 29-30/1945	1.86 18-19/1943	3.00 18-19/1943
Apr.	Amt. Date	0.98 15/1947	1.61 15/1947	1.73 15/1947	2.00 2-3/1950	3.10 2-3/1950	3.93 2-3/1950
May	Amt. Date	1.29 27/1950	1.49 27/1950	1.57 4/1944	2.23 3-4/1944	3.06 3-4/1944	3.28 3-4/1944
Jun.	Amt. Date	1.52 29/1945	2.91 29/1945	3.19 29/1945	3.25 29/1945	3.28 29/1945	3.32 29-30/1945
Jul.	Amt. Date	2.00 2/1940	2.58 2/1940	3.24 13/1948	3.99 13-14/1948	4.07 13/1948	4.54 13-14/1948
Aug.	Amt. Date	1.45 7/1947	1.63 23/1942	2.32 23/1942	3.12 23/1942	3.17 22-23/1942	3.17 22-23/1942
Sep.	Amt. Date	0.90 24/1940	1.29 24/1940	1.47 24/1940	1.68 24/1940	2.03 24-25/1940	2.06 24-25/1940
Oct.	Amt. Date	0.82 21/1942	1.13 21/1942	1.38 21/1942	1.57 27/1947	2.10 27/1947	2.38 27/1947
Nov.	Amt. Date	0.93 5/1948	1.48 5/1948	1.66 5/1948	2.47 5/1948	3.79 5/1948	3.80 5/1948
Dec.	Amt. Date	0.56 29/1946	0.74 28-29/1946	0.86 28-29/1946	1.06 31-1/1947	1.33 14-15/1948	1.58 10-11/1949
Annual	Amt. Date	2.00 7/2/40	2.91 6/29/45	3.24 7/13/48	3.99 7/13-14/48	4.07 7/13/48	4.54 7/13-14/48

Station: SADIEVILLE, KENTUCKY

Drainage basin: KENTUCKY

County: SCOTT

Lat. 38° 23' N Long. 84° 32' W

Elev.(ft.) 890

Period of record: 1942-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.49 15/1950	0.60 30/1947	0.77 30/1947	1.28 30/1947	1.43 9-10/1950	1.58 4-5/1950
Feb.	Amt. Date	0.49 9/1950	0.89 9/1950	1.00 9/1950	1.35 9/1950	1.69 9-10/1950	1.84 13/1946
Mar.	Amt. Date	0.72 19/1943	1.21 19/1943	1.81 19/1943	2.47 19/1943	3.28 18-19/1943	3.75 18-19/1943
Apr.	Amt. Date	0.84 13/1948	1.24 12/1948	1.69 12/1948	2.35 15-16/1947	2.65a 15-16/1947	3.43 12/1948
May	Amt. Date	0.57 16/1947	0.67 11/1943	0.88 11/1943	1.25 11/1943	1.35 11/1943	1.35 11/1943
Jun.	Amt. Date	1.23 15/1949	1.79 15/1949	2.12 15/1949	2.79 15/1949	3.38 15-16/1949	3.90 15-16/1949
Jul.	Amt. Date	1.61 22/1948	2.03 8/1942	2.36 8/1942	2.44 8/1942	2.45 8/1942	2.45 8/1942
Aug.	Amt. Date	0.88 1/1950	1.12 6/1946	1.45 6/1946	1.48 6/1946	1.51 6/1946	1.51 6/1946
Sep.	Amt. Date	0.77 23/1946	1.27 23/1946	1.37 23/1946	1.66 23/1946	1.94 23/1946	1.95 23/1946
Oct.	Amt. Date	1.01 1/1945	1.22 1/1945	1.23 1/1945	1.30 1/1945	1.70 1-2/1945	1.70 1-2/1945
Nov.	Amt. Date	1.02 5/1948	1.41 5/1948	1.56 5/1948	2.15 5/1948	2.72 5/1948	3.17 5-6/1948
Dec.	Amt. Date	0.23 12/1949	0.45 12/1949	0.56 12/1949	0.92 12/1949	1.50 12/1949	2.37 12/1949
Annual	Amt. Date	1.61 7/22/48	2.03 7/8/42	2.36 7/8/42	2.79 6/15/49	3.38 6/15-16/49	3.90 6/15-16/49

a Also 12/1948.

Station: ST. MARY, KENTUCKY

Drainage basin: SALT

County: MARION

Lat. 37° 55'N Long. 85° 21'W

Elev.(ft.) 730

Period of record: 1949-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.52 15/1950	0.78 30/1950	1.11 30/1950	1.61 30/1950	1.90 30-31/1950	2.59 4-5/1950
Feb.	Amt. Date	0.22 14/1950	0.39 14/1950	0.51 12/1950	0.51 12/1950	0.71 12/1950	1.20 31-1/1950
Mar.	Amt. Date	0.66 12/1950	0.82 12/1950	0.86 12/1950	0.94 11-12/1950	1.08 17-18/1949	1.54 11-12/1950
Apr.	Amt. Date	0.58 27/1949	0.76 27/1949	0.91 27/1949	1.10 27/1949	1.37 2-3/1950	1.40 2-3/1950
May	Amt. Date	0.65 9/1949	0.79 9/1949	0.80 9/1949	0.88 9-10/1949	1.02 9-10/1949	1.20 9-10/1949
Jun.	Amt. Date	1.58 14/1950	2.51 14/1950	4.06 14/1950	6.18 14/1950	6.48 14/1950	6.68 13-14/1950
Jul.	Amt. Date	2.02 31/1950	2.35 31/1950	2.42 31/1950	2.49 31/1950	2.82 31/1950	3.00 31-1/1950
Aug.	Amt. Date	0.60 15/1950	0.63 15/1950	0.72 27/1949	1.30E 31-1/1950	2.59 31-1/1950	3.00 31-1/1950
Sep.	Amt. Date	1.06 2/1950	1.20 2/1950	1.28 2-3/1950	1.29 2-3/1950	1.46 2-3/1950	2.38 2-3/1950
Oct.	Amt. Date	0.43 8/1950	0.57 8/1950	0.67 8/1950	0.82 4/1949	1.08 4/1949	1.08 4/1949
Nov.	Amt. Date	0.93 20/1950	1.17 20/1950	1.30 20/1950	1.37 20/1950	1.38 20/1950	1.78 19-20/1950
Dec.	Amt. Date	0.35 12/1949	0.59 12/1949	0.81 12/1949	1.36 12/1949	2.27 12/1949	3.76 11-12/1949
Annual	Amt. Date	2.02 7/31/50	2.51 6/14/50	4.06 6/14/50	6.18 6/14/50	6.48 6/14/50	6.68 6/13-14/50

Station: SALYERSVILLE, KENTUCKY

Drainage basin: LICKING

County: MAGOFFIN

Lat. 37° 45' N Long. 83° 04' W

Elev.(ft.) 900

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.49 7/1946	0.70 7/1946	0.86 15/1947	1.43 7/1946	2.24 7/1946	2.39 6-7/1946
Feb.	Amt. Date	0.33 9/1950	0.53 9/1950	0.64 ^a 13/1948	1.28 14/1949	2.08 13-14/1949	2.19 13-14/1949
Mar.	Amt. Date	0.60 3/1941	0.69 27/1950	0.89 18-19/1943	1.26 18-19/1943	1.69 30/1940	2.33 18-19/1943
Apr.	Amt. Date	0.85 11/1944	1.29 11/1944	1.53 11/1944	1.82 11/1944	1.82 11/1944	2.73 12-13/1948
May	Amt. Date	0.77 13/1947	0.93 30/1950	0.93 30/1950	1.02 30/1950	1.29 6-7/1944	1.81 14-15/1950
Jun.	Amt. Date	1.24 6/1942	1.57 6/1942	1.61 6/1942	1.82 1-2/1946	2.15 1-2/1946	2.54 6-7/1942
Jul.	Amt. Date	1.73 31/1947	2.09 31/1947	2.57 31/1947	2.84 26/1950	3.27 26/1950	3.29 26/1950
Aug.	Amt. Date	1.55 21/1947	2.38 21/1947	2.38 21/1947	2.38 21/1947	3.09 27/1944	3.80 26-27/1944
Sep.	Amt. Date	1.84 2/1950	2.21 2/1950	2.32 5/1947	2.55 5-6/1947	2.55 5-6/1947	2.67 ^E 24-25/1940
Oct.	Amt. Date	0.74 14/1949	0.83 14/1949	0.90 14/1949	1.11 14/1949	1.35 14/1949	1.56 13-14/1949
Nov.	Amt. Date	0.61 2/1945	0.70 2/1945	1.10 2/1945	1.49 2/1945	2.10 2/1945	3.20 2-3/1945
Dec.	Amt. Date	0.25 ^b 2/1941	0.48 2/1941	0.58 2/1941	0.84 12-13/1941	1.26 1-2/1941	1.99 31-1/1944
Annual	Amt. Date	1.84 9/2/50	2.38 8/21/47	2.57 7/31/47	2.84 7/26/50	3.27 7/26/50	3.80 7/26-27/44

a Also 14/1949. b Also 11/1949.

Station: SMITHFIELD, KENTUCKY

Drainage basin: SALT

County: SHELBY

Lat. 38° 20'N Long. 85° 16'W

Elev.(ft.) 862

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.64 15/1950	0.84 30/1947	1.08 30/1947	1.47 15/1947	1.58 2/1947	1.91 1-2/1947
Feb.	Amt. Date	0.69 8/1950	0.89 8/1950	1.19 8/1950	1.64 8/1950	2.20 26/1945	2.97 25-26/1945
Mar.	Amt. Date	0.85 19/1948	1.13 19/1943	1.41 19/1943	2.52 19/1943	3.12 18-19/1943	4.70 18-19/1943
Apr.	Amt. Date	0.92 23/1944	1.35 12/1948	1.94 12/1948	2.53 11-12/1948	3.14 12/1948	4.13 11-12/1948
May	Amt. Date	1.36 4/1950	1.38 4/1950	1.38 4/1950	1.53 9-10/1950	2.27 9-10/1950	2.33 9-10/1950
Jun.	Amt. Date	1.22 7/1942	2.00 7/1942	2.00 7/1942	2.67 18-19/1950	2.99 18-19/1950	4.11 18-19/1950
Jul.	Amt. Date	0.90 27/1947	1.35 13/1947	1.42 13/1947	1.44 13/1947	1.44 13/1947	1.64 13-14/1947
Aug.	Amt. Date	2.00 4/1949	2.01 4/1949	2.01 4/1949	2.01 4/1949	2.03 4-5/1949	2.33 27-28/1949
Sep.	Amt. Date	1.35 23/1946	2.00 23/1946	2.15 23/1946	2.21 23/1946	2.29 23/1946	3.40 22-23/1946
Oct.	Amt. Date	0.69 1/1945	0.94 1/1945	1.00 27/1947	1.59 27/1947	1.68 27/1947	1.70 27-28/1947
Nov.	Amt. Date	0.60 5/1948	0.91 5/1948	1.18 5/1948	2.17 5/1948	3.29 5/1948	3.88 5-6/1948
Dec.	Amt. Date	0.40 12/1946	0.58 12/1946	0.70 ^a 29-30/1942	1.04 29-30/1942	1.37 29-30/1942	2.02 29-30/1942
Annual	Amt. Date	2.00 8/4/49	2.01 8/4/49	2.15 9/23/46	2.67 6/18-19/50	3.29 11/5/48	4.70 3/18-19/43

^a Also 12/1946.

Station: SOMERSET, KENTUCKY

Drainage basin: CUMBERLAND

County: PULASKI

Lat. 37° 07' N Long. 84° 05' W

Elev.(ft.) 873

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.43a 30/1947	0.82 1/1948	1.04 1/1948	1.62 1/1948	2.03 4-5/1950	2.58 4-5/1950
Feb.	Amt. Date	0.54 21/1945	0.97 21/1945	1.18 21/1945	1.82 21/1945	2.35 12-13/1948	3.45 12-13/1948
Mar.	Amt. Date	0.66 20/1948	0.94 16/1945	1.19 16/1945	1.47 18-19/1943	1.85 18-19/1943	2.56 18-19/1943
Apr.	Amt. Date	1.25 7/1948	2.05 7/1948	2.25 7/1948	2.32 7/1948	2.34 7/1948	3.96 6-7/1948
May	Amt. Date	1.16 19/1947	1.30 19/1947	1.41 19/1947	1.57 19/1947	1.69 19/1947	1.91 19/1947
Jun.	Amt. Date	1.79 22/1943	1.89b 22/1943	2.27 13/1946	2.42 13/1946	2.51 8/1947	3.24 7-8/1945
Jul.	Amt. Date	0.86 16/1950	1.12 16/1950	1.19 16/1950	1.51 25/1943	1.51 25/1943	2.23 5-6/1947
Aug.	Amt. Date	1.37 2/1947	1.39 2/1947	1.39 2/1947	1.67 15/1945	1.75 11/1948	2.15 28-29/1950
Sep.	Amt. Date	1.69 2/1950	1.83 2/1950	1.84 2/1950	2.68 2/1950	2.99 2/1950	3.05 1-2/1950
Oct.	Amt. Date	0.57 14/1949	0.90 14/1949	1.08 14/1949	1.39 14/1949	1.43c 11/1946	1.69 11-12/1946
Nov.	Amt. Date	0.76 20/1950	0.99 20/1950	1.10 20/1950	1.46 5-6/1948	1.89 10/1946	2.07 19-20/1950
Dec.	Amt. Date	0.44 15/1942	0.75 15/1942	0.98 15/1942	1.61 15/1942	1.69 15-16/1942	2.52 31/1944
Annual	Amt. Date	1.79 6/22/43	2.05 4/7/48	2.27 6/13/46	2.68 9/2/50	2.99 9/2/50	3.96 4/6-7/48

a Also 1/1948 and 10/1950.

b Also 13/1946.

c Also 14/1949.

Station: STEARNS, KENTUCKY

Drainage basin: CUMBERLAND

County: McCREARY

Lat. 36° 42' N Long. 84° 29' W

Elev.(ft.) 1420

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.36 7/1946	1.61 7/1946	1.81 7/1946	2.26 7/1946	3.21 7/1946	4.21 7-8/1946
Feb.	Amt. Date	0.54 17/1944	0.67 27/1946	0.93 26-27/1946	1.45 26-27/1946	2.54 17/1944	2.75 16-17/1944
Mar.	Amt. Date	1.20 16/1948	2.02 16/1948	3.05 16/1948	3.16 16/1948	3.43 16/1948	3.43 16/1948
Apr.	Amt. Date	0.74 27/1949	1.39 27/1949	2.06 27/1949	2.34 27/1949	2.78 27/1949	2.80 27/1949
May	Amt. Date	0.91 11/1943	1.43 11/1943	1.76 11/1943	1.80 11/1943	2.11 11/1943	2.19 11/1943
Jun.	Amt. Date	1.11 7/1940	1.45 1/1946	2.08 1/1946	2.76 1/1946	2.85 1-2/1946	3.06 1-2/1946
Jul.	Amt. Date	1.75 30/1940	2.02 3/1941	2.02 3/1941	2.62 30/1943	3.49 3/1941	3.93 2-3/1941
Aug.	Amt. Date	1.13 12/1948	1.50 12/1948	1.68 9-10/1946	1.69 9-10/1946	2.45 9-10/1946	2.46 9-10/1946
Sep.	Amt. Date	0.99 4/1944	1.16 4/1944	1.29 4/1944	1.89 28-29/1944	2.42 28-29/1944	2.50 28-29/1944
Oct.	Amt. Date	0.44 9/1941	0.55 9/1941	0.66 9/1941	1.07 31/1942	1.36 31/1942	1.38 31/1942
Nov.	Amt. Date	0.69 22/1942	0.99a 22/1942	1.25 2/1945	2.05 2/1945	2.97 2-3/1945	3.26 2-3/1945
Dec.	Amt. Date	0.53 31/1944	0.70 31/1944	0.87 31/1944	1.24 12-13/1941	1.76 27-28/1942	2.49 29/1942
Annual	Amt. Date	1.75 7/30/40	2.02b 3/16/48	3.05 3/16/48	3.16 3/16/48	3.49 7/3/41	4.21 1/7-8/46

a Also 2/1945. b Also 7/3/1941.

Station: TATHAM SPRINGS, KENTUCKY

Drainage basin: SALT

County: WASHINGTON

Lat. 37° 52' N Long. 85° 09' W

Elev. (ft.) 600 EST

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.98 6/1946	1.18 6/1946	1.23 6-7/1946	1.52 30/1947	1.81 30-31/1950	2.17 4-5/1950
Feb.	Amt. Date	0.64 13/1948	1.03 13/1948	1.28 13/1948	1.64 13/1948	2.32 14/1949	3.15 13-14/1949
Mar.	Amt. Date	1.03 15/1948	1.44 15/1948	1.68 15-16/1948	1.98 15-16/1948	2.65 15-16/1948	2.66 15-16/1948
Apr.	Amt. Date	0.93 8/1944	1.03 7-8/1944	1.27 15/1947	2.06 15-16/1947	2.47 15-16/1947	2.74 12-13/1948
May	Amt. Date	1.01 11/1943	1.51 11/1943	1.87 11/1943	2.29 11/1943	2.33 11/1943	2.45 11/1943
Jun.	Amt. Date	1.25 13/1944	2.05 13/1944	2.07 13/1944	2.84 13/1944	3.49 15-16/1949	4.34 15-16/1949
Jul.	Amt. Date	1.33 10/1943	1.51 10/1943	1.73 6/1947	1.93 6/1947	1.99 6/1947	2.03E 5-6/1947
Aug.	Amt. Date	1.11 25/1943	1.37 18/1950	1.47 23/1942	2.13 23/1942	2.34 23/1942	2.81 26-27/1944
Sep.	Amt. Date	0.77 9/1940	0.77 9/1940	0.77 9/1940	0.90 2/1950	1.21 2/1950	1.60 2-3/1950
Oct.	Amt. Date	0.55 31/1941	0.83 31/1941	1.06 31/1941	1.58 31/1941	1.96 30-31/1941	2.18 31-1/1941
Nov.	Amt. Date	0.74 5/1948	1.40 5/1948	1.73 5/1948	2.18 5/1948	3.26 5/1948	3.91 5-6/1948
Dec.	Amt. Date	0.40 29/1946	0.66 12/1949	0.94 12/1949	1.50 11-12/1949	2.32 12/1949	3.75 11-12/1949
Annual	Amt. Date	1.33 7/10/43	2.05 6/13/44	2.07 6/13/44	2.84 6/13/44	3.49 6/15-16/49	4.34 6/15-16/49

Station: TOMPKINSVILLE, KENTUCKY

Drainage basin: GREEN

County: MONROE

Lat. 36° 42' N Long. 85° 41' W

Elev.(ft.) 899

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.02 6/1946	1.81 7/1946	2.39 7/1946	4.00 6-7/1946	4.36 6-7/1946	4.79 6-7/1946
Feb.	Amt. Date	0.79 13/1948	1.08 13/1948	1.30 13/1948	1.64 8-9/1950	2.03 12-13/1948	3.62 12-13/1948
Mar.	Amt. Date	0.91 26/1948	1.09 26/1948	1.37 26/1948	1.62 6-7/1946	2.18 17-18/1949	2.33 17-18/1949
Apr.	Amt. Date	0.61 30/1947	0.98 24/1945	1.10 24/1945	1.15 24-25/1945	2.12 8-9/1942	2.22 8-9/1942
May	Amt. Date	1.05 21/1947	1.58 21/1947	1.78 21/1947	2.10 21/1947	2.10 21/1947	2.70 4-5/1944
Jun.	Amt. Date	2.20 20/1950	2.67 20/1950	2.94 15/1949	4.98 15/1949	6.53 15/1949	6.90 15/1949
Jul.	Amt. Date	2.56 29/1946	3.15 29/1946	3.23 29/1946	3.25 29/1946	3.35 29/1946	3.79 3-4/1941
Aug.	Amt. Date	1.83 13/1944	2.68 12-13/1944	2.73 12-13/1944	3.09 12-13/1944	3.16 12-13/1944	3.16 12-13/1944
Sep.	Amt. Date	0.92 1/1945	0.92 1/1945	0.92 1/1945	0.98 2/1950	1.35 28-29/1944	1.44 2-3/1950
Oct.	Amt. Date	1.05 5/1944	1.13 5/1944	1.19 5/1944	1.43 30/1949	1.84 30/1949	1.98 30-31/1949
Nov.	Amt. Date	0.86 20/1950	1.65 20/1950	1.77 20/1950	1.87 20/1950	2.37 2-3/1945	2.50 21-22/1942
Dec.	Amt. Date	0.61 27/1942	0.80 15/1948	0.93 15/1948	1.44 15/1948	2.32 31/1944	2.94 31/1944
Annual	Amt. Date	2.56 7/29/46	3.15 7/29/46	3.23 7/29/46	4.98 6/15/49	6.53 6/15/49	6.90 6/15/49

Station: UNIONTOWN DAM 49, KENTUCKY

Drainage basin: OHIO

County: UNION

Lat. 37° 46'N Long. 87° 57'W

Elev.(ft.) 357

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.82 4/1949	1.40 4/1949	1.47 4/1949	1.72 4/1949	2.73 3-4/1950	3.55 3-4/1950
Feb.	Amt. Date	0.48 13/1946	0.73 26/1945	0.97 26/1945	1.30 26/1945	2.44 13/1946	2.90 25-26/1945
Mar.	Amt. Date	1.12 18/1943	1.92 19/1943	2.70 19/1943	4.60 19/1943	7.12 18-19/1943	7.67 18-19/1943
Apr.	Amt. Date	1.10 29/1940	1.65 11/1944	1.89 11/1944	2.46 11-12/1948	2.81 11-12/1948	3.69 8-9/1942
May	Amt. Date	0.96 15/1945	1.22 10/1943	1.54 10/1943	2.44 10/1943	2.91 10-11/1943	3.15 10-11/1943
Jun.	Amt. Date	2.20 8/1942	2.87 8/1942	2.89 8/1942	2.89 8/1942	2.89 8/1942	2.89 8/1942
Jul.	Amt. Date	1.90 8/1946	1.90 8/1946	2.85 31/1950	3.68 31/1950	3.75 31/1950	3.77 31-1/1950
Aug.	Amt. Date	1.44 17/1946	1.84 23/1942	2.41 23/1942	2.97 23/1942	3.02 22-23/1942	3.77 31-1/1950
Sep.	Amt. Date	1.10 25/1945	2.06 25/1945	2.33 25/1945	3.61 25/1945	4.99 24-25/1945	5.05 24-25/1945
Oct.	Amt. Date	0.68 24/1946	0.99 9/1941	1.23 27/1947	1.77 27/1947	2.27 27/1947	2.64 30-31/1941
Nov.	Amt. Date	0.57 17/1942	0.75 17/1942	0.84 17/1942	1.27 19-20/1950	1.59 25-26/1946	2.09 25-26/1946
Dec.	Amt. Date	0.75 28/1946	0.97 28/1946	1.10 28/1946	1.21 31-1/1947	1.68 31-1/1947	1.78 31-1/1947
Annual	Amt. Date	2.20 6/8/42	2.87 6/8/42	2.89 6/8/42	4.60 3/19/43	7.12 3/18-19/43	7.67 3/18-19/43

Station: WOLF CREEK DAM, KENTUCKY*

Drainage basin: CUMBERLAND

County: RUSSELL

Lat. 36° 53'N Long. 85° 08'W

Elev.(ft.) 610

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	1.20 7/1946	2.05 7/1946	2.88 7/1946	3.85 6-7/1946	4.53 6-7/1946	5.10 6-7/1946
Feb.	Amt. Date	0.59 13/1948	0.85 21/1945	1.02 21/1945	1.74 21/1945	2.45 17/1944	3.50 12-13/1948
Mar.	Amt. Date	0.81 27/1950	1.02 27/1950	1.35 26/1948	1.45 26/1948	1.96 17-18/1949	2.29 18-19/1943
Apr.	Amt. Date	0.59 16/1945	0.92 11/1944	1.23 11/1944	1.48 11/1944	1.59 8-9/1942	1.98 11-12/1944
May	Amt. Date	0.98 11/1950	1.59 11/1950	1.75 11/1950	1.79 11/1950	1.93 31-1/1946	2.73 11-12/1950
Jun.	Amt. Date	1.04 13/1943	1.55 13/1943	1.55 13/1943	1.80 20/1950	1.93 31-1/1946	3.29 19-20/1950
Jul.	Amt. Date	1.34 13/1948	1.85 13/1948	1.86 13/1948	1.96 13/1948	2.49 13-14/1948	2.91 13-14/1948
Aug.	Amt. Date	1.00 12/1945	1.35 10/1947	1.35 10/1947	1.38 26/1944	1.56 26/1944	1.92 28-29/1950
Sep.	Amt. Date	0.96 9/1946	1.72 2/1943	1.75 2/1943	1.76 2/1943	1.99 28-29/1944	2.28 1-2/1950
Oct.	Amt. Date	1.10 11/1946	1.43 11/1946	1.57 11/1946	1.76 11/1946	2.17 11-12/1946	2.49 11-12/1946
Nov.	Amt. Date	0.65 20/1950	0.96 2/1945	1.07 20/1950	1.52 2/1945	2.59 2-3/1945	2.69 2-3/1945
Dec.	Amt. Date	0.71 15/1948	1.00 15/1948	1.24 15/1948	1.63 15/1948	2.44 15/1948	2.99 15-16/1948
Annual	Amt. Date	1.34 7/13/48	2.05 1/7/46	2.88 1/7/46	3.85 1/6-7/46	4.53 1/6-7/46	5.10 1/6-7/46

*Formerly Rowena, Kentucky.

Station: WOODBURY, KENTUCKY

Drainage basin: GREEN

County: BUTLER

Lat. 37° 11' N Long. 86° 38' W

Elev.(ft.) 504

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.78 4/1949	1.13 4/1949	1.19 4/1949	1.35 4/1949	1.77 26/1950	2.23 31-1/1945
Feb.	Amt. Date	0.82 13/1946	0.99 31/1946	1.19 26/1945	1.60 13-14/1949	2.79 13-14/1949	3.79 13-14/1949
Mar.	Amt. Date	0.85 26/1948	1.32 15/1948	1.45 ^a 2/1940	2.00 2/1940	2.14 18-19/1943	2.82 26/1948
Apr.	Amt. Date	0.80 13/1948	1.13 13/1948	1.29 13/1948	1.36 13/1948	2.00 8-9/1942	2.60 8-9/1942
May	Amt. Date	1.02 17/1946	1.18 30/1944	1.24 30/1944	1.29 30/1944	1.29 30/1944	1.34 15-16/1946
Jun.	Amt. Date	1.01 25/1947	1.21 25/1947	1.25 7/1945	1.59 7/1945	1.64 15/1949	2.81 19-20/1950
Jul.	Amt. Date	1.25 9/1946	1.79 31/1947	1.84 31-1/1947	2.17 15-16/1948	2.18 15-16/1948	2.18 15-16/1948
Aug.	Amt. Date	1.56 7/1942	1.86 7/1942	1.86 7/1942	2.68 7/1942	2.74 7/1942	2.90 7/1942
Sep.	Amt. Date	1.20 3/1950	1.69 3/1950	1.91 3/1950	2.61 2-3/1950	3.59 2-3/1950	4.50 2-3/1950
Oct.	Amt. Date	1.07 5/1944	1.53 5/1944	1.60 5/1944	1.79 27/1947	2.01 30-31/1942	2.54 5/1944
Nov.	Amt. Date	0.74 5/1948	1.20 18/1948	1.60 18-19/1948	2.73 18-19/1948	3.74 18-19/1948	3.80 18-19/1948
Dec.	Amt. Date	0.77 3/1950	1.12 3/1950	1.35 3/1950	1.75 11/1949	2.35 10-11/1949	3.69 11-12/1949
Annual	Amt. Date	1.56 8/7/42	1.86 8/7/42	1.91 9/3/50	2.73 11/18-19/48	3.74 11/18-19/48	4.50 9/2-3/50

^a Also 22/1949.

Station: **YALE, KENTUCKY**

Drainage basin: **LICKING**

County: **BATH**

Lat. **38° 03'N** Long. **83° 30'W**

Elev.(ft.) **750 EST**

Period of record: **1940-1946**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.31 7/1946	0.61 7/1946	0.83 7/1946	1.30 7/1946	1.46 6-7/1946	1.55 6-7/1946
Feb.	Amt. Date	0.41 21/1945	0.71 28/1945	0.79 28/1945	1.46 21/1945	1.77 21-22/1945	2.18 26-27/1945
Mar.	Amt. Date	0.68 16/1942	0.93 16/1942	0.96 16/1942	1.20 18-19/1943	2.08 29-30/1940	2.39 29-30/1940
Apr.	Amt. Date	0.89 11/1944	1.22 11/1944	1.50 11/1944	1.59 11/1944	1.91 8-9/1942	2.28 11-12/1944
May	Amt. Date	0.57 17/1945	0.58a 25/1943	0.83 25/1943	1.14 25/1943	1.49 24-25/1943	1.58 23-24/1940
Jun.	Amt. Date	1.58 9/1940	1.80 9/1940	1.84 9/1940	1.90 9-10/1940	2.24 21/1942	2.52 28-29/1943
Jul.	Amt. Date	1.15 18/1941	2.25 18/1941	2.42 18/1941	2.70 18-19/1941	2.74 18-19/1941	3.85 16-17/1940
Aug.	Amt. Date	2.01 28/1940	2.03 28/1940	2.05 28/1940	2.66 23/1942	3.02 23/1942	3.48 26-27/1944
Sep.	Amt. Date	0.76 3/1941	1.06 3/1941	1.08 3/1941	1.08 3/1941	1.08 3/1941	1.32E 24-25/1940
Oct.	Amt. Date	0.32 1/1945	0.39 1-2/1945	0.50 1-2/1945	0.60 1-2/1945	0.74 30-31/1941	0.82 30-31/1941
Nov.	Amt. Date	0.49 1/1940	0.64 22/1942	0.82 22/1942	0.98 22/1942	1.24 2-3/1945	1.87 2-3/1945
Dec.	Amt. Date	0.40 28/1942	0.65 28/1940	0.92 28-29/1940	1.38 31/1944	2.09 31/1944	2.36 29-30/1942
Annual	Amt. Date	2.01 8/28/40	2.25 7/18/41	2.42 7/18/41	2.70 7/18-19/41	3.02 8/23/42	3.85 7/16-17/40

a Also 17/1945.