

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, *Secretary*

WEATHER BUREAU

F. W. REICHELDERFER, *Chief*

TECHNICAL PAPER NO. 15

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

## Part XVI: Pennsylvania

DIVISION OF HYDROLOGIC SERVICES

HYDROMETEOROLOGICAL SECTION

In cooperation with

CORPS OF ENGINEERS, U. S. ARMY



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U. S. DEPARTMENT OF COMMERCE  
Sinclair Weeks, Secretary  
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ERRATA

Page 1, col. 1: At end of paragraph 1 add "and (6) Rainfall Intensities in Pennsylvania River Basins."

Page 1, col. 2: Paragraph beginning "The time intervals..." - Strike out lines 15 through 21 of that paragraph and substitute the following:

"In the tables true maxima are designated as follows:  
(p) From Rainfall Intensities in Pennsylvania River Basins, (w) From Table of Excessive Precipitation, Report of the Chief of the Weather Bureau, (x) From WB Form 1030 or from WB Technical Paper No. 2, Maximum Recorded United States Point Rainfall."

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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 prepared<sup>1</sup>. 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 reports<sup>2</sup> 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 126 stations with five years or more of record are shown in table 3.

A. E. Brown, Jr. compiled the data for Pennsylvania which were then checked by James L. Keister, Robert Frazier, Charles Vieth, and Peter Pappas. Edna L. Grooms typed the manuscript.

Table I. - Maximum monthly precipitation amounts for Pennsylvania

Duration (hours)	Amount	Location	Date	Duration (hours)	Amount	Location	Date
JANUARY							
1	0.92	York	30/1947	1	3.10	Millville	27/1939
2	1.14	York	30-31/1947	2	4.89	Reading	21/1916
3	1.48	York	30/1947	3	6.32	Erie	22/1947
6	1.93	Meadville	24/1937	6	9.43	Erie	22/1947
12	2.44	Gettysburg	1/1948	12	10.22	Erie	22/1947
24	3.33	Philadelphia WB City	12-13/1915	24	10.42	Erie	22/1947
FEBRUARY							
1	1.11	Philadelphia WB City	28/1902	1	3.81	Philadelphia WB City	3/1898
2	1.42	Pittsburgh WB City	24/1930	2	5.48	Philadelphia WB City	3/1898
3	1.52	Scranton	10-11/1932	3	5.48	Philadelphia WB City	3/1898
6	1.87	Scranton	10-11/1932	12	5.48	Philadelphia WB City	3/1898
12	3.15	Scranton	13-14/1915	12	5.80	Coatesville	8-9/1942
24	3.86	Philadelphia WB City	5-6/1896	24	5.97	Coatesville	8-9/1942
MARCH							
1	1.11	Jamestown	21/1945	1	2.52	Millersburg	10/1946
2	1.38	Philadelphia WB City	15/1912	2	2.81	Philadelphia WB City	16/1900
3	1.73	Jackson Summit	21/1948	3	3.54	Harrisburg WB AP	10/1907
6	2.20	Raymond	21-22/1948	6	4.36	Harrisburg WB AP	10-11/1907
12	2.85	Union City	21/1948	12	5.37	Philadelphia WB City	14-15/1904
24	3.71	Clarion	17/1936	24	6.58	Blakeslee Corners	26-27/1942
APRIL							
1	1.70	Reading WB City	15/1921	1	1.55	Philadelphia WB City	5/1906
2	2.25	Philadelphia Pt. Breeze	30/1947	2	2.23	Philadelphia WB City	5/1906
3	2.75	Philadelphia Pt. Breeze	30/1947	3	2.47	Philadelphia WB City	4-5/1906
6	3.71	Philadelphia WB City	30-1/1947	6	3.42	Good Springs	29/1937
12	3.91	Philadelphia WB City	30-1/1947	12	4.23	Good Springs	22-23/1937
24	4.06	Philadelphia WB City	30-1/1947	24	4.77	Glencoe	14-15/1942
MAY							
1	2.10	Phoenixville	22/1939	1	1.45	Sellersville	25/1950
2	3.11	Kirkwood	22/1942	2	2.20	Phoenixville	25/1950
3	3.70	Kirkwood	22/1942	3	3.00	Phoenixville	25/1950
6	5.00	Kirkwood	22/1942	6	5.30	Phoenixville	25/1950
12	5.94	Kirkwood	22-23/1942	12	7.49	Phoenixville	25/1950
24	6.70	Kirkwood	22-23/1942	24	7.70	Phoenixville	25/1950
JUNE							
1	3.95	Phoenixville	12/1942	1	1.14	Harrisburg WB AP	1/1934
2	4.23	Phoenixville	12/1942	2	1.70	Harrisburg WB AP	1/1934
3	4.23	Phoenixville	12/1942	3	2.05	Glen Rock	4/1950
6	4.35	Phoenixville	7-8/1938	6	3.05	Mount Pocono	4/1950
12	4.47	Sellersville	2/1946	12	4.10	Blakeslee Corners	4/1950
24	5.01	Sellersville	1-2/1946	24	4.57	Good Springs	3-4/1950
JULY							
AUGUST							
SEPTEMBER							
OCTOBER							
NOVEMBER							
DECEMBER							

**Table 2. - Maximum precipitation amounts for Pennsylvania**

Duration (hours)	Amount	Location	Date
1	3.95	Phoenixville	6/12/1942
2	5.48	Philadelphia WB City	8/3/1898
3	6.32	Erie	7/22/1947
6	9.43	Erie	7/22/1947
12	10.22	Erie	7/22/1947
24	10.42	Erie	7/22-23/1947

**Table 3. - Monthly distribution of maximum precipitation amounts for Pennsylvania**

Duration (hours)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	0	0	0	7	17	51	38	12	0	1	0
2	0	0	0	1	9	17	54	36	8	1	0	0
3	0	0	0	2	7	18	53	36	7	2	1	0
6	0	0	0	3	8	13	48	33	7	4	9	1
12	0	0	2	4	15	14	31	24	11	7	18	0
24	0	0	2	0	17	15	29	19	13	11	20	0

# PENNSYLVANIA

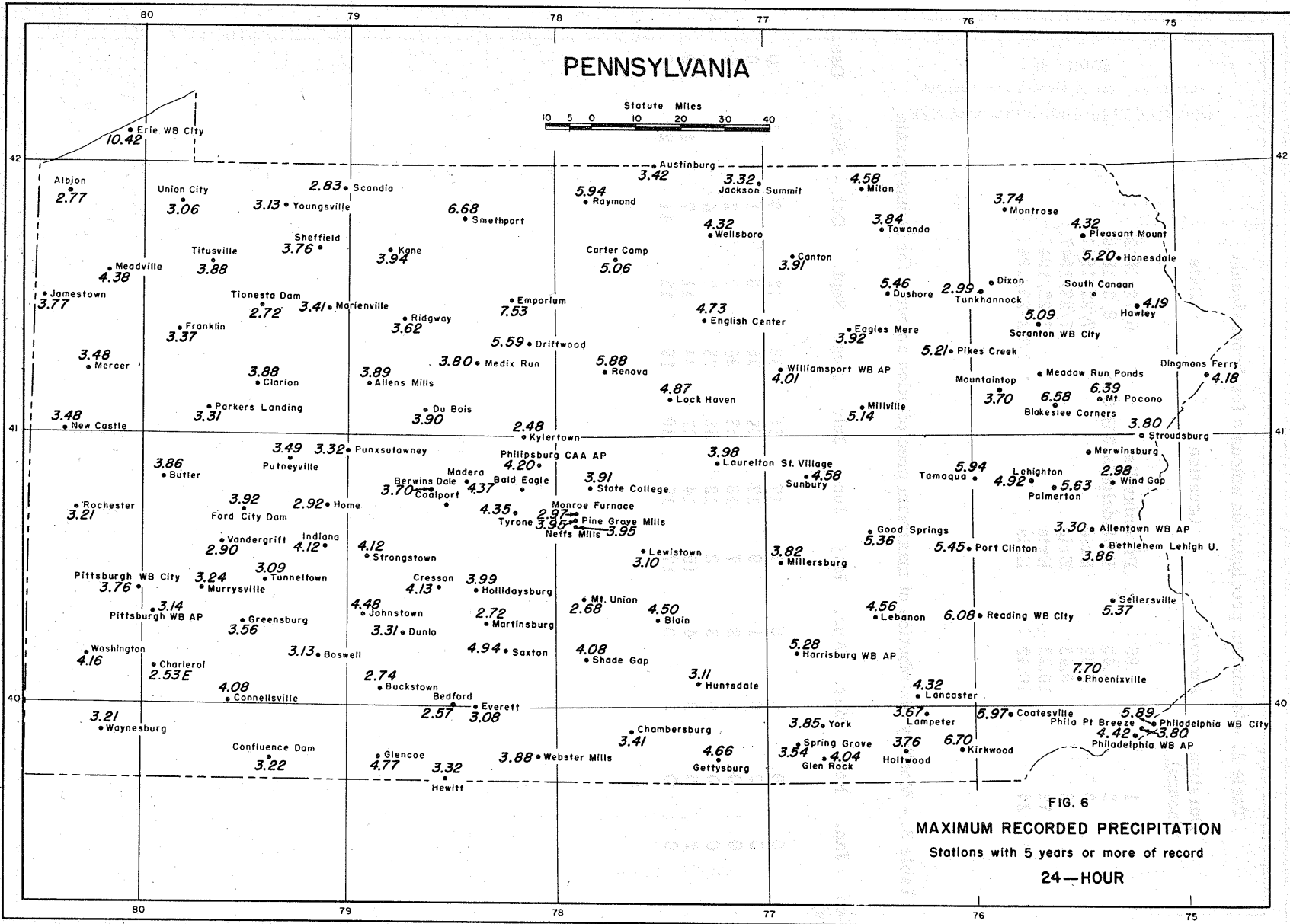
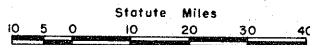
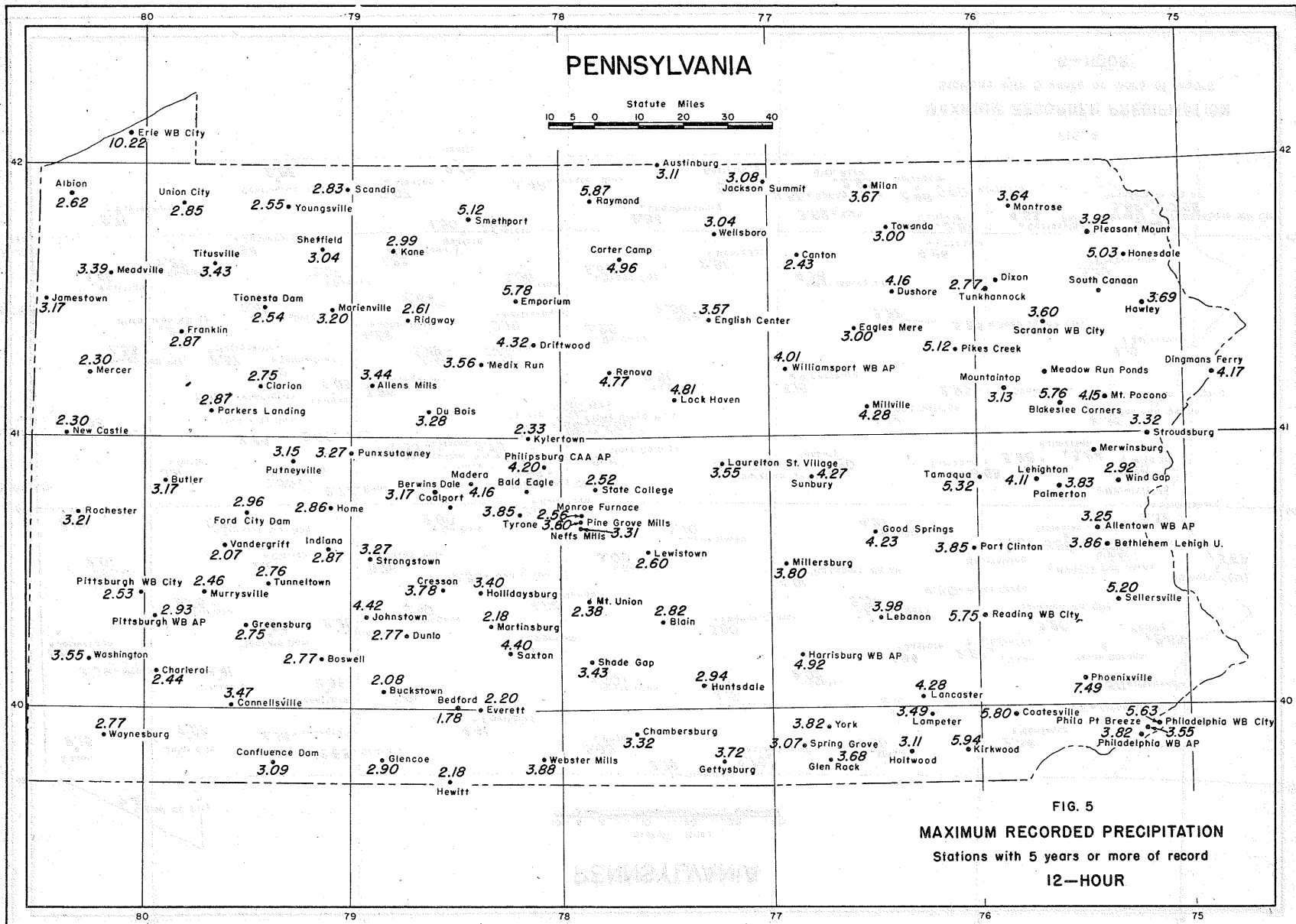


FIG. 6  
MAXIMUM RECORDED PRECIPITATION  
Stations with 5 years or more of record  
24—HOUR



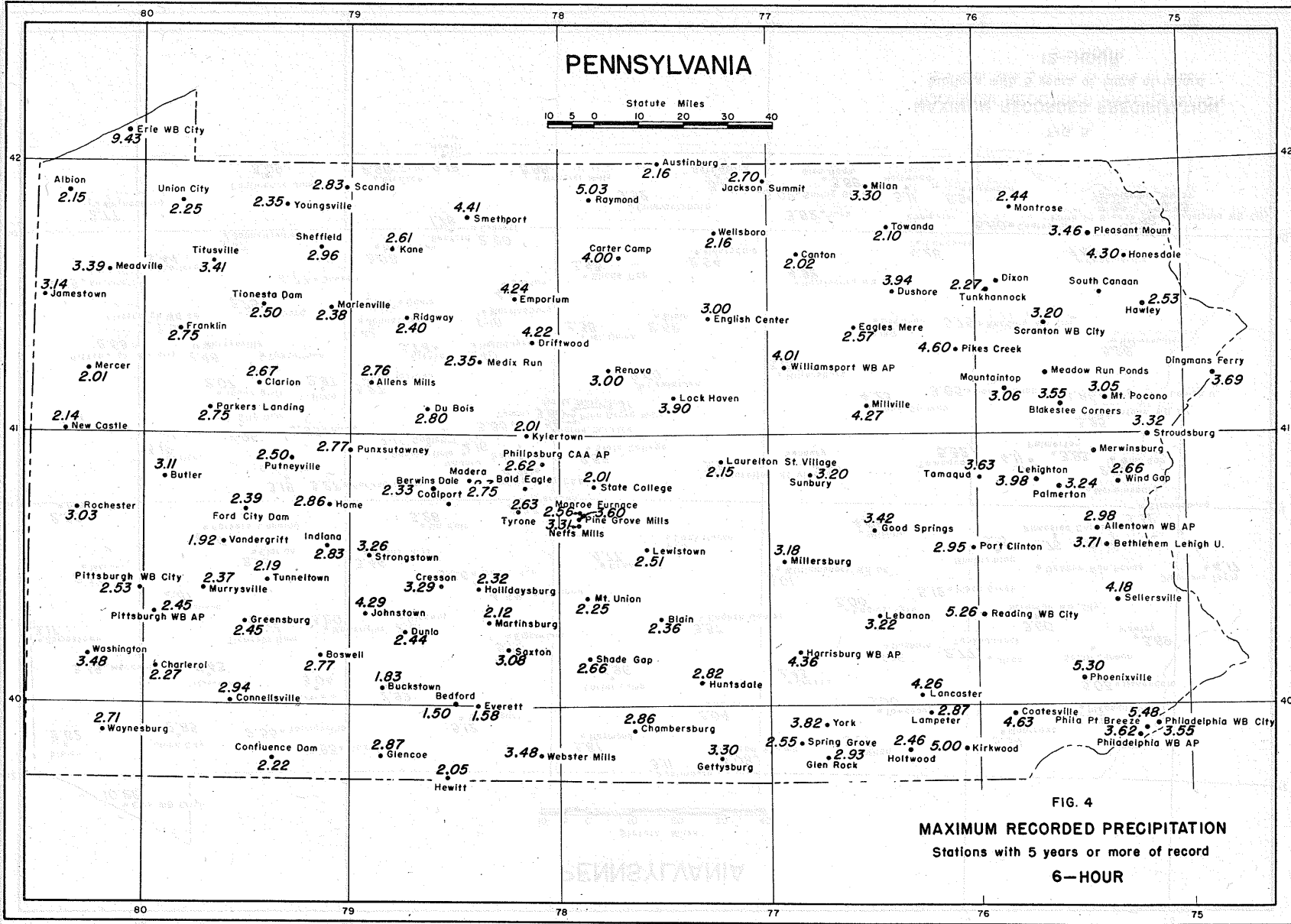
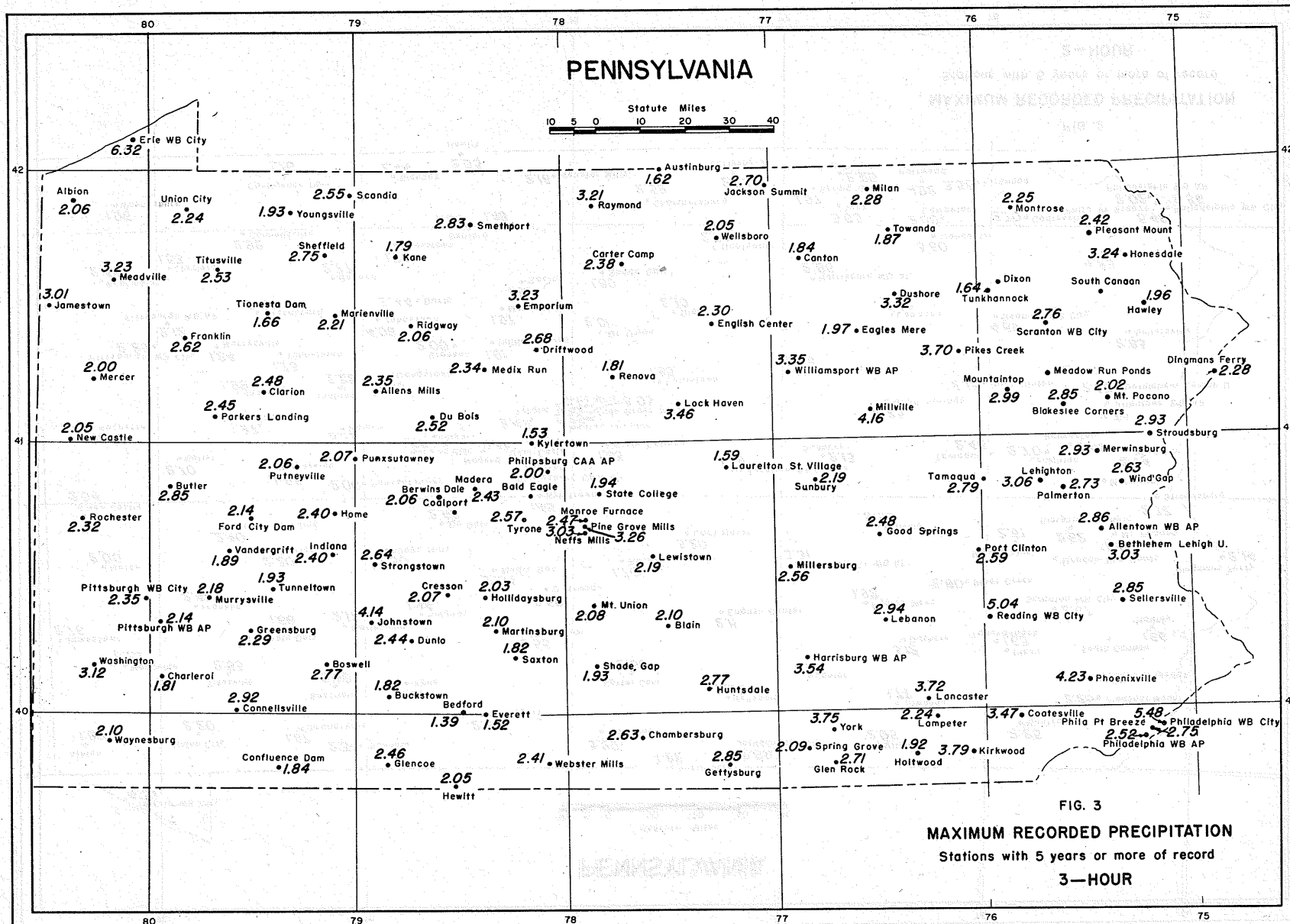
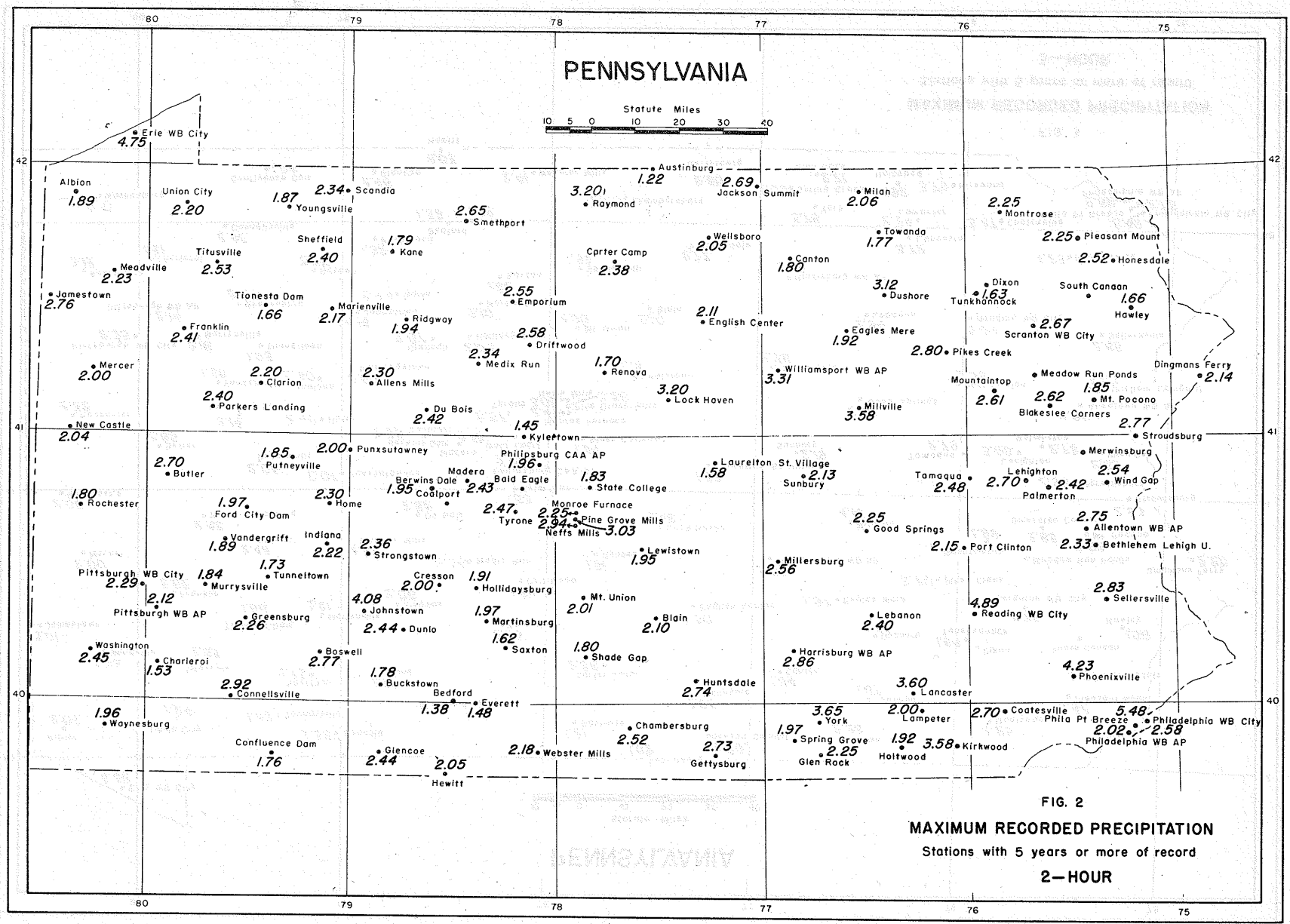
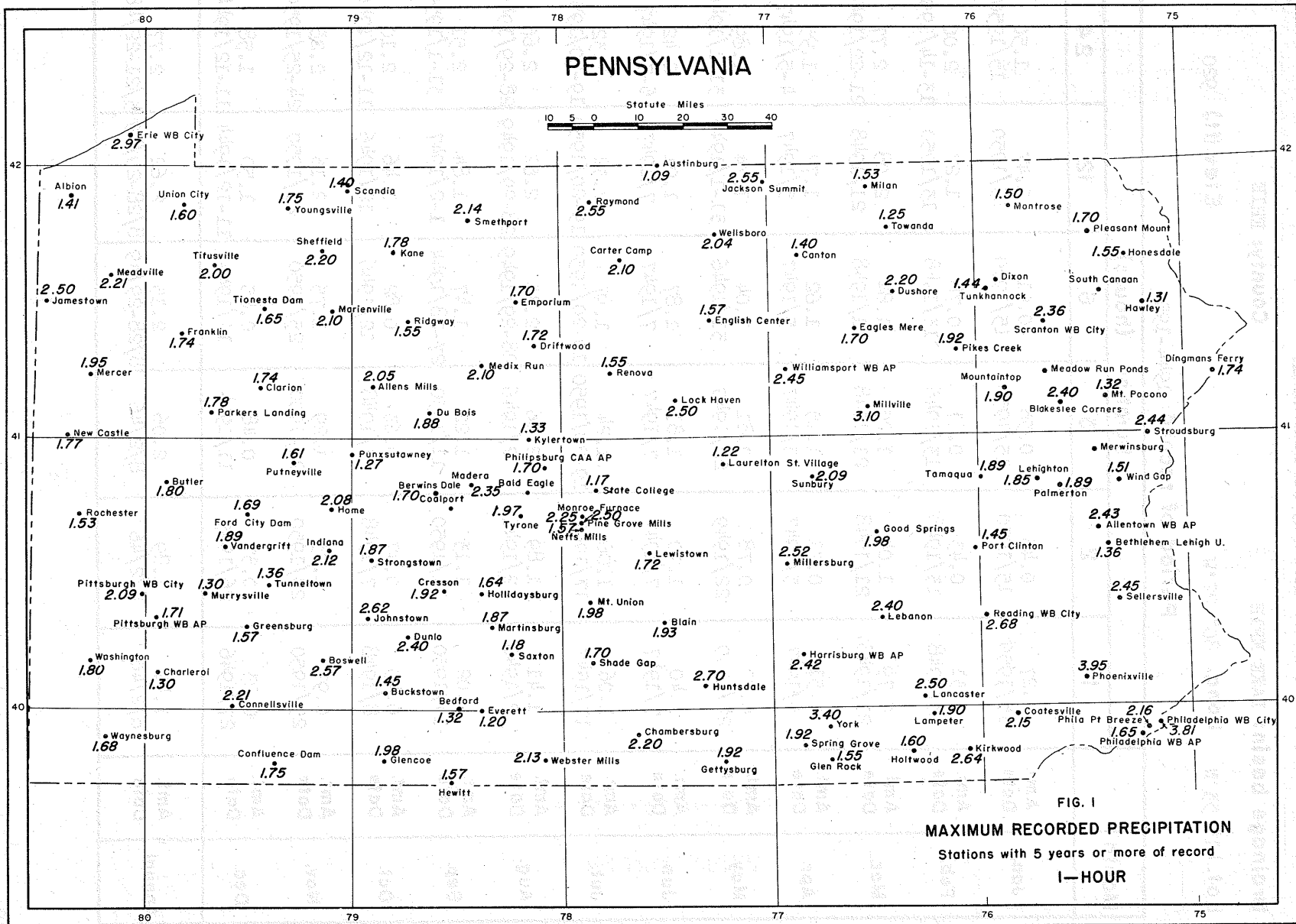


FIG. 4  
**MAXIMUM RECORDED PRECIPITATION**  
 Stations with 5 years or more of record  
**6-HOUR**









**Station: ALBION, PENNSYLVANIA**

**Drainage basin: LAKE ERIE**

**County: ERIE**

**Lat. 41° 53' N Long. 80° 22' W**

**Elev.(ft.) 920**

**Period of record: 1944-1950**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.27 15/1950	0.43 15/1950	0.56 15/1950	0.91 15/1950	1.47 15/1950	1.50 15/1950
Feb.	Amt. Date	0.31 13/1948	0.43 13/1948	0.51 13/1946	0.78 13/1948	1.27 13/1950	2.00 13-14/1950
Mar.	Amt. Date	0.79 21/1948	1.04 21/1948	1.25 21/1948	1.84 21/1948	2.08 21/1948	2.77 21-22/1948
Apr.	Amt. Date	0.51 5/1947	0.71 5/1947	1.15 5/1947	1.62 5/1947	1.77 5/1947	1.95 4-5/1947
May	Amt. Date	0.72 22/1949	0.78 22/1949	0.81 22/1949	1.04 31/1946	1.74 31-1/1946	1.89 31-1/1946
Jun.	Amt. Date	1.40 7/1947	1.70 7/1947	1.81 7/1947	1.87 7/1947	1.91 7/1947	2.42 6-7/1947
Jul.	Amt. Date	1.06 17/1947	1.06 17/1947	1.24 19-20/1950	1.97 19-20/1950	2.32 19-20/1950	2.32 19-20/1950
Aug.	Amt. Date	1.41 2/1946	1.89 2/1946	2.06 2/1946	2.15 28-29/1949	2.62 28-29/1949	2.66 28-29/1949
Sep.	Amt. Date	1.02 11/1950	1.13 11/1950	1.22 11/1950	1.47 27-28/1944	1.84 1-2/1947	2.51 31-1/1950
Oct.	Amt. Date	0.45 8/1948	0.47 7/1948	0.63 7/1948	0.82 12/1946	1.46 12/1946	2.10 11-12/1946
Nov.	Amt. Date	0.97 25/1950	1.23 25/1950	1.29 25/1950	1.75 25/1950	2.16 25/1950	2.26 24-25/1950
Dec.	Amt. Date	0.23 27/1946	0.37 26/1949	0.48 11/1944	0.85 11/1944	1.50 11-12/1944	1.58 11-12/1944
Annual	Amt. Date	1.41 8/2/46	1.89 8/2/46	2.06 8/2/46	2.15 8/28-29/49	2.62 8/28-29/49	2.77 3/21-22/48

Station: ALLENSMILLS, PENNSYLVANIA

Drainage basin: ALLEGHENY

County: JEFFERSON

Lat. 41° 12' N Long. 78° 54' W

Elev.(ft.) 1590

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 30/1939	0.57 30/1939	0.75 30/1939	1.09 10/1950	1.42 10/1950	1.59 9-10/1950
Feb.	Amt. Date	0.29a 6/1938	0.48 26/1946	0.66 6/1938	1.12 26/1946	1.28 26-27/1946	1.59 13-14/1948
Mar.	Amt. Date	0.38b 16/1942	0.64 17/1944	0.71 17/1944	0.92c 12/1939	1.47 5/1938	1.90 5/1938
Apr.	Amt. Date	0.65 2/1945	0.89 11/1948	1.00 11/1948	1.14 11/1948	1.72 11/1948	2.13 11-12/1948
May	Amt. Date	0.68 28/1948	1.00 28/1948	1.01 28/1948	1.58 19/1949	2.30 19-20/1949	2.82 19-20/1949
Jun.	Amt. Date	0.83p 2/1943	1.35p 2/1943	1.50 2/1943	1.70 10/1950	2.02p 26-27/1938	2.82p 3-4/1941
Jul.	Amt. Date	2.05 22/1948	2.30 22/1948	2.35 22/1948	2.36 22/1948	2.42 22-23/1948	3.89 22-23/1948
Aug.	Amt. Date	1.36p 26/1941	1.49p 25-26/1941	1.69 25-26/1941	1.83p 25-26/1941	1.83p 25-26/1941	2.36 25-26/1941
Sep.	Amt. Date	1.42p 17/1942	1.42p 17/1942	1.50 14/1945	1.80p 14/1945	2.01p 14/1945	2.29p 13-14/1945
Oct.	Amt. Date	0.52 21/1939	0.80 27/1939	1.07 27/1939	1.28 27/1939	1.82 1-2/1945	2.03 1-2/1945
Nov.	Amt. Date	1.15p 18/1938	1.21p 18/1938	1.57E 25/1950	2.76 25/1950	3.44 25/1950	3.69 25-26/1950
Dec.	Amt. Date	0.28p 30/1942	0.48p d 30/1942	0.64d 30/1942	0.96 12/1948	1.48p 29-30/1942	2.00p 29-30/1942
Annual	Amt. Date	2.05 7/22/48	2.30 7/22/48	2.35 7/22/48	2.76 11/25/50	3.44 11/25/50	3.89 7/22-23/48

a Also 26/1946 and 22/1949.  
d Also 12/1948.

b Also 17/1944.

c Also 26/1950.

Station: ALLENTOWN WB AP, PENNSYLVANIA

Drainage basin: LEHIGH

County: LEHIGH

Lat. 40° 39'N Long. 75° 26'W

Elev.(ft.) 381

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.50x a 1/1945	0.90x 30-31/1947	1.10 30-31/1947	1.32p 1/1945	2.02 5/1949	2.47x 5-6/1949
Feb.	Amt. Date	0.35 28/1939	0.69 28/1939	0.84 28/1939	1.03 28/1939	1.23 3/1939	1.40 3/1939
Mar.	Amt. Date	0.65 8/1950	0.75 8/1950	0.79 8/1950	1.30p 14/1940	1.94p 14-15/1940	2.18p 14-15/1940
Apr.	Amt. Date	0.79x 30/1947	0.93x 30/1947	0.94 30/1947	1.34 30/1947	1.84 30-1/1947	1.84 30-1/1947
May	Amt. Date	1.35 21/1942	1.45 21/1942	1.54 21/1942	1.67 21/1942	2.29 21/1942	2.75x 12-13/1948
Jun.	Amt. Date	2.20p 28/1946	2.75p 12/1942	2.86 12/1942	2.98p 17-18/1938	3.00p 17-18/1938	3.00p 17-18/1938
Jul.	Amt. Date	1.50x 2/1946	2.14x 2/1946	2.34 2/1946	2.73 1-2/1946	2.76 1-2/1946	2.77x 1-2/1946
Aug.	Amt. Date	2.43p 17/1938	2.52p 17/1938	2.52 17/1938	2.74p 17/1938	3.25 8-9/1942	3.30p 8-9/1942
Sep.	Amt. Date	1.05x 5/1949	2.05x 5/1949	2.11 5/1949	2.83 5/1949	2.93 5-6/1949	2.93x 5-6/1949
Oct.	Amt. Date	0.40 20/1938	0.67p 26/1943	0.77 26/1943	1.44p 26/1943	1.78p 26/1943	2.27p 26/1943
Nov.	Amt. Date	0.82 24/1942	1.07 24/1942	1.11 24/1942	1.50b 8/1947	2.53x 25/1950	2.70x 25/1950
Dec.	Amt. Date	0.38p c 13/1941	0.63 30/1942	0.83 30/1942	1.11 4/1950	1.55 4/1950	2.15 29-30/1948
Annual	Amt. Date	2.43p 8/17/38	2.75p 6/12/42	2.86 6/12/42	2.98p 6/17-18/38	3.25 8/8-9/42	3.30p 8/8-9/42

a Also 30/1947.

b Also 25/1950.

c Also 30/1942.

Station: AUSTINBURG, PENNSYLVANIA

Drainage basin: CONEMUNG

County: TIOGA

Lat. 42° 00' N Long. 77° 32' W

Elev.(ft.) 1590

Period of record: 1938-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.23 15/1947	0.27 24/1941	0.38 24/1941	0.63 24/1941	0.80 1/1948	1.47 1-2/1948
Feb.	Amt. Date	0.26 22/1944	0.38 22/1944	0.38 22/1944	0.56 14/1940	0.92 26/1944	1.28 13-14/1940
Mar.	Amt. Date	0.56 22/1948	0.70 21-22/1948	0.82 21-22/1948	0.89 21-22/1948	1.05 2-3/1942	1.34 2-3/1942
Apr.	Amt. Date	0.42 18/1941	0.74 27/1943	0.74 27/1943	0.99 5/1947	1.13 5/1947	1.25 18-19/1943
May	Amt. Date	0.49 22/1941	0.72 27/1946	0.96 27/1946	1.56 27/1946	2.48 27/1946	3.31 26-27/1946
Jun.	Amt. Date	0.88 18/1944	1.22 23/1944	1.22 23/1944	1.22 23/1944	2.12 18-19/1944	2.26 18-19/1944
Jul.	Amt. Date	0.90 18/1942	1.15 17/1942	1.31 17/1942	1.66 17-18/1942	2.57 17-18/1942	2.57 17-18/1942
Aug.	Amt. Date	1.09 9/1947	1.10 9/1947	1.24 13/1947	1.41 29/1949	1.87 28-29/1949	1.87 28-29/1949
Sep.	Amt. Date	0.80 21/1940	1.07 2/1947	1.13 2/1947	1.54 14/1938	2.52 14/1938	2.58 14-15/1938
Oct.	Amt. Date	0.64 9/1950	1.00 9/1950	1.62 9/1950	2.16 8-9/1950	3.11 8-9/1950	3.42 8-9/1950
Nov.	Amt. Date	0.80 24/1950	0.94 24/1950	1.20 24-25/1950	1.62 24-25/1950	2.16 24-25/1950	2.28 24-25/1950
Dec.	Amt. Date	0.39 24/1941	0.58 24/1941	0.74 24/1941	1.18 24/1941	1.25 23-24/1941	1.57 11-12/1944
Annual	Amt. Date	1.09 8/9/47	1.22 6/23/44	1.62 10/9/50	2.16 10/8-9/50	3.11 10/8-9/50	3.42 10/8-9/50

Station: BEDFORD, PENNSYLVANIA

Drainage basin: JUNIATA

County: BEDFORD

Lat. 40° 01'N Long. 78° 30'W

Elev.(ft.) 1100

Period of record: 1938-1943

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.26 18/1943	0.42 18/1943	0.59 30/1939	0.90 30/1939	1.08 29-30/1939	1.32 29-30/1939
Feb.	Amt. Date	0.21 15/1939	0.40 28/1939	0.49 28/1939	0.84 28/1939	0.92 3/1939	1.18 2-3/1939
Mar.	Amt. Date	0.24 16/1942	0.40 2-3/1942	0.57 2-3/1942	0.91 2-3/1942	1.38 2-3/1942	1.59 2-3/1942
Apr.	Amt. Date	0.31 26/1939	0.39 <sup>a</sup> 5/1941	0.53 <sup>b</sup> 3/1940	0.87 19-20/1940	1.22 19-20/1940	2.01 18-19/1943
May	Amt. Date	1.14 19/1940	1.21 <sup>p</sup> 20/1939	1.21 20/1939	1.37 19/1940	1.62 <sup>p</sup> 11-12/1943	1.70 <sup>p</sup> 11-12/1943
Jun.	Amt. Date	1.23 <sup>p</sup> 8/1940	1.23 <sup>p</sup> 8/1940	1.23 8/1940	1.23 <sup>p</sup> 8/1940	1.78 <sup>p</sup> 1-2/1939	2.41 <sup>p</sup> 7-8/1940
Jul.	Amt. Date	1.32 <sup>p</sup> 27/1942	1.38 <sup>p</sup> 27/1942	1.39 27/1942	1.50 <sup>p</sup> 27/1942	1.50 <sup>p</sup> 27/1942	1.50 <sup>p</sup> 27/1942
Aug.	Amt. Date	0.70 17/1942	1.10 17/1942	1.10 17/1942	1.28 17/1942	1.30 17/1942	1.30 17/1942
Sep.	Amt. Date	0.64 4/1939	0.68 4/1939	0.72 4/1939	0.92 26/1942	1.17 26-27/1942	1.61 26-27/1942
Oct.	Amt. Date	0.37 <sup>p</sup> 14/1942	0.65 <sup>p</sup> 14/1942	0.78 14/1942	1.18 <sup>p</sup> 14/1942	1.63 14-15/1942	2.57 <sup>p</sup> 14-15/1942
Nov.	Amt. Date	0.31 6/1941	0.55 26/1940	0.74 26/1940	1.14 26/1940	1.29 26-27/1940	1.35 26-27/1940
Dec.	Amt. Date	0.49 <sup>p</sup> 24/1941	0.66 <sup>p</sup> 24/1941	0.73 24/1941	1.13 <sup>p</sup> 24/1941	1.40 <sup>p</sup> 23-24/1941	1.54 <sup>p</sup> 23-24/1941
Annual	Amt. Date	1.32 <sup>p</sup> 7/27/42	1.38 <sup>p</sup> 7/27/42	1.39 7/27/42	1.50 <sup>p</sup> 7/27/42	1.78 <sup>p</sup> 6/1-2/39	2.57 <sup>p</sup> 10/14-15/42

a Also 9/1942. b Also 20/1943.

Station: BERWINDALE, PENNSYLVANIA

Drainage basin: WEST BRANCH SUSQUEHANNA

County: CLEARFIELD

Lat. 40° 48'N Long. 78° 36'W

Elev.(ft.) 1750

Period of record: 1937-1943

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.24p 30/1939	0.47p 30/1939	0.63 30/1939	1.06 30/1939	1.20 30/1939	1.55 30/1939
Feb.	Amt. Date	0.28 6/1938	0.45 6/1938	0.54 6/1938	0.90 6/1938	0.99 6/1938	1.23 13-14/1940
Mar.	Amt. Date	0.47 12/1939	0.77 12/1939	0.87 12/1939	0.99 12/1939	1.19 12/1939	1.74 12-13/1939
Apr.	Amt. Date	0.42 19/1941	0.54 3/1940	0.64 3/1940	0.69 9/1942	1.30 9/1942	1.84 8-9/1942
May	Amt. Date	0.70p 22/1942	0.71p 22/1942	0.78 11/1943	1.15 11/1943	1.41 11-12/1943	1.49 11-12/1943
Jun.	Amt. Date	1.70p 18/1940	1.92p 18/1940	1.97 18/1940	1.97p 18/1940	3.17p 18-19/1940	3.70p 18-19/1940
Jul.	Amt. Date	1.05p 11/1940	1.65p 11/1940	1.85 11/1940	2.05p 11/1940	2.24p 11/1940	2.44p 11-12/1940
Aug.	Amt. Date	1.44p 15/1941	1.95p 15/1941	2.06 15/1941	2.33p 15/1941	2.45p 15/1941	2.58p 15/1941
Sep.	Amt. Date	0.78 8/1940	0.82 8/1940	0.90 8/1940	1.46 8/1940	1.50 8/1940	1.51 8-9/1940
Oct.	Amt. Date	0.45p 31/1942	0.88p 31/1942	0.88E 31/1942	1.19p 31/1942	1.44p 31-1/1942	1.60 14-15/1942
Nov.	Amt. Date	0.38 26/1940	0.62 26/1940	0.85 26/1940	1.19 26/1940	1.44p 31-1/1942	1.47 26-27/1940
Dec.	Amt. Date	0.35p 29/1942	0.62p 29/1942	0.74 29/1942	1.02p 29/1942	1.61 29-30/1942	2.40p 29-30/1942
Annual	Amt. Date	1.70p 6/18/40	1.95p 8/15/41	2.06 8/15/41	2.33p 8/15/41	3.17p 6/18-19/40	3.70p 6/18-19/40



Station: BETHLEHEM LEHIGH UNIV., PENNSYLVANIA

Drainage basin: LEHIGH

County: NORTHAMPTON

Lat. 40° 36'N Long. 75° 23'W

Elev.(ft.) 450

Period of record: 1942-1950(BREAKS)

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 18/1943	0.53 5/1949	0.64 5/1949	1.20 5/1949	1.81 5/1949	2.14E 5-6/1949
Feb.	Amt. Date	0.27 22/1948	0.40 14/1944	0.45 14/1944	0.65 19-20/1946	0.82 19-20/1946	0.96E 13-14/1950
Mar.	Amt. Date	0.58 8/1950	0.70 8/1950	0.76 8/1950	0.98 12-13/1944	1.27 12-13/1944	1.27 12-13/1944
Apr.	Amt. Date	0.87 30/1947	1.11 30/1947	1.12 30/1947	1.36 30/1947	1.61 30-1/1947	1.62E 30-1/1947
May	Amt. Date	0.68 7/1942	0.82 7/1942	0.95 7/1942	1.49 12-13/1948	1.97 23/1950	3.00 12-13/1948
Jun.	Amt. Date	1.36 17/1943	1.39 17/1943	1.40 17/1943	1.69 17/1943	2.19 2/1946	2.45 1-2/1946
Jul.	Amt. Date	1.17 17/1947	2.25 17/1947	2.42 17/1947	2.49 17/1947	2.51 17-18/1947	2.81 17-18/1947
Aug.	Amt. Date	0.98 12/1949	1.18 12/1949	1.29 5/1948	1.75 5/1948	2.86 9/1942	3.24 8-9/1942
Sep.	Amt. Date	1.20 5/1949	2.33 5/1949	3.03 5/1949	3.71 5/1949	3.86 5-6/1949	3.86 5-6/1949
Oct.	Amt. Date	0.32a 3/1941	0.61 26/1943	0.76 26/1942	1.18 26/1943	1.70 26/1943	2.13 26/1943
Nov.	Amt. Date	0.82 25/1950	1.26 8/1943	1.45 8/1943	2.11 25/1950	3.32 25/1950	3.43 25/1950
Dec.	Amt. Date	0.45 1/1942	0.85 30/1942	0.99 30/1942	1.24 30/1942	1.63 4/1950	2.17 29-30/1942
Annual	Amt. Date	1.36 6/17/43	2.33 9/5/49	3.03 9/5/49	3.71 9/5/49	3.86 9/5-6/49	3.86 9/5-6/49

a Also 26/1943.

Station: BLAIN, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: PERRY

Lat. 40° 20' N Long. 77° 31' W

Elev.(ft.) 720

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 30/1939	0.50 30/1939	0.71 14/1940	1.34 14/1940	1.70 14/1940	1.74 14/1940
Feb.	Amt. Date	0.28 15/1939	0.44a 28/1939	0.55 9/1950	0.77a 28/1939	1.07 6-7/1942	1.23 6-7/1942
Mar.	Amt. Date	0.46 29/1942	0.69 29/1942	0.78 29/1942	1.13 29/1942	1.83 29/1942	2.45 28-29/1942
Apr.	Amt. Date	0.51 21/1944	1.00 24/1944	1.16 24/1944	1.38p 5/1941	1.93p 5/1941	1.99p 5-6/1941
May	Amt. Date	1.53p 23/1938	1.56p 23/1938	1.56 23/1938	1.94 12/1948	2.60 12/1948	4.50p 22-23/1942
Jun.	Amt. Date	1.24p 10/1944	1.24p 10/1944	1.24 10/1944	1.58 19/1948	2.15 2/1946	2.28 1-2/1946
Jul.	Amt. Date	1.88p 27/1939	1.92p 27/1939	1.92 27/1939	1.92p 27/1939	1.92p 27/1939	3.30p 4/1939
Aug.	Amt. Date	1.82p 13/1940	1.98p 22/1937	2.07 22/1937	2.36p 22/1937	2.82 19-20/1950	3.38 19-20/1950
Sep.	Amt. Date	1.93p 24/1946	2.10p 24/1946	2.10 24/1946	2.12p 23-24/1946	2.33p 23-24/1946	2.78p 23-24/1946
Oct.	Amt. Date	0.55b 7/1940	0.92 12/1946	1.22 12/1946	1.43 12/1946	1.57 12/1946	2.31 14-15/1942
Nov.	Amt. Date	0.74 4/1950	1.02p 8/1943	1.06 4/1950	1.32 25/1950	2.43 25/1950	2.89 24-25/1950
Dec.	Amt. Date	0.69p 24/1941	0.87p 24/1941	0.91 24/1941	1.63p 24/1941	2.01p 23-24/1941	2.23p 23-24/1941
Annual	Amt. Date	1.93p 9/24/46	2.10p 9/24/46	2.10 9/24/46	2.36p 8/22/37	2.82 8/19-20/50	4.50p 5/22-23/42

a Also 9/1950. b Also 12/1946.

**Station: BLAKESLEE CORNERS, PENNSYLVANIA**

**Drainage basin:** LEHIGH

**County:** MONROE

**Lat.** 41° 06'N **Long.** 75° 36'W

**Elev.(ft.)** 1670

**Period of record: 1937-1950**

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.28a 24/1938	0.48a 24/1938	0.70 30/1947	1.20 24/1938	1.96 24-25/1938	2.74 24-25/1938	
Feb.	0.55 15/1939	0.61 15/1939	0.78 15/1939	1.02 15/1939	1.26 15/1939	1.29 15/1939	
Mar.	0.59 8/1950	0.83 8/1950	0.95 31-1/1948	1.61 31-1/1948	1.82 30/1940	2.27 30/1940	
Apr.	0.42 13/1949	0.64 1/1948	0.95 31-1/1948	1.61 31-1/1948	1.72 31-1/1948	1.73 31-1/1948	
May	1.43 6/1949	1.95p 22/1942	2.23 22/1942	3.37 22/1942	4.00p 22-23/1942	4.26p 22/1942	
Jun.	1.90p 15/1945	1.95p 23/1941	2.05 27/1938	2.55 27/1938	2.75 27/1938	3.29p 26-27/1938	
Jul.	1.82p 9/1945	1.92p 9/1945	2.25 7/1947	3.55 7/1947	4.58 7-8/1947	5.37 7-8/1947	
Aug.	1.83p 31/1940	2.36p 15/1941	2.85 15/1941	3.24 31/1940	4.07 31/1940	4.87p 31/1940	
Sep.	2.40p 27/1942	2.62p 27/1942	2.66 27/1942	3.05p 27/1942	4.69p 26-27/1942	6.58 26-27/1942	
Oct.	0.68 16/1943	0.90 5/1942	0.97 5/1942	1.61 26/1943	2.16 26/1943	2.90 26/1943	
Nov.	0.70 25/1950	1.40 25/1950	2.05 25/1950	3.45 25/1950	5.76 25/1950	6.31 24-25/1950	
Dec.	0.70 4/1950	1.30 4/1950	1.70 4/1950	2.90 4/1950	4.10 4/1950	4.35 3-4/1950	
Annual	2.40p 9/27/42	2.62p 9/27/42	2.85 8/15/41	3.55 7/7/47	5.76 11/25/50	6.58 9/26-27/42	

a Also 5/1949.

**Station: BOSWELL, PENNSYLVANIA\***

**Drainage basin: ALLEGHENY**

**County: SOMERSET**

**Lat. 40° 11' N Long. 79° 08' W**

**Elev.(ft.) 2528**

**Period of record: 1937-1950**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 18/1943	0.66 18/1943	0.67 18/1943	0.93 30/1939	1.07 26/1949	1.74 30/1939
Feb.	Amt. Date	0.40 6/1938	0.65 6/1938	0.69 6/1938	1.01 6/1938	1.10 3/1939	1.45 2-3/1939
Mar.	Amt. Date	0.47p 6/1945	0.72p 6/1945	0.96 6/1945	1.64p 6/1945	2.27p 6/1945	2.82p 6/1945
Apr.	Amt. Date	0.63 24/1950	0.73 24/1950	0.83 24/1950	1.36 3/1940	1.92p 9/1942	2.46p 8-9/1942
May	Amt. Date	1.37p 24/1944	1.51p 24/1944	1.54 24/1944	1.66p 24/1944	1.66p 24/1944	2.20p 11-12/1943
Jun.	Amt. Date	2.57p 27/1946	2.77p 27/1946	2.77 27/1946	2.77p 27/1946	2.77p 27/1946	2.77p 27/1946
Jul.	Amt. Date	1.84p 25/1938	1.94p 25/1938	1.95 25/1938	2.28p 14/1945	2.36p 14/1945	2.40p 14-15/1945
Aug.	Amt. Date	1.30p 15/1941	1.83 15/1941	1.99 15/1941	2.30p 15/1941	2.47p 15/1941	2.59 23-24/1945
Sep.	Amt. Date	1.33p 2/1939	1.66 2/1950	1.78 2/1950	1.86 2/1950	2.20 2/1950	2.53 2-3/1950
Oct.	Amt. Date	0.50p 27/1939	0.71 25/1946	0.84 25/1946	1.40p 20/1944	2.20p 20/1944	3.13 20-21/1944
Nov.	Amt. Date	0.46 2/1945	0.51 2/1945	0.63 26/1940	1.06 26/1940	1.19 26/1940	1.35 26-27/1940
Dec.	Amt. Date	0.34 24/1941	0.43a 24/1941	0.56 29/1942	0.83 12/1949	1.11 11/1944	1.43 12-13/1949
Annual	Amt. Date	2.57p 6/27/46	2.77p 6/27/46	2.77 6/27/46	2.77p 6/27/46	2.77p 6/27/46	3.13 10/20-21/44

\*Formerly Laurel Hill Summit, Pennsylvania.  
a Also 29/1942.

Station: BUCKSTOWN, PENNSYLVANIA

Drainage basin: CONEMAUGH

County: SOMERSET

Lat. 40° 04' N Long. 78° 50' W

Elev.(ft.) 2450

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.32 7/1946	0.53 7/1946	0.68 7/1946	0.72 1/1948	1.01 1/1948	1.69 1-2/1948
Feb.	Amt. Date	0.27 22/1949	0.46 22/1949	0.47 22/1949	0.76 28/1939	1.05 3/1939	1.26 2-3/1939
Mar.	Amt. Date	0.40 20/1950	0.70 20/1950	1.00 20/1950	1.46 20/1950	1.84 20-21/1950	1.94p 29-30/1940
Apr.	Amt. Date	0.57 4/1945	0.61 4/1945	0.73 23/1944	1.08p 4-5/1941	1.83p 4-5/1941	2.04p 4-5/1941
May	Amt. Date	1.45p 11/1943	1.78 12/1948	1.82 12/1948	1.83 12/1948	1.98E 12-13/1948	2.13p 11-12/1943
Jun.	Amt. Date	0.88 11/1942	1.08 11/1942	1.10 1/1942	1.43 1/1942	2.04 1-2/1946	2.42p 4-5/1941
Jul.	Amt. Date	1.45p 18/1942	1.71p 20/1942	1.72 20/1942	1.72p 20/1942	1.74p 20/1942	1.74p 20/1942
Aug.	Amt. Date	1.34p 6/1946	1.44p 6/1946	1.50 6/1946	1.54p 6/1946	1.98p 6/1946	2.04p 6-7/1946
Sep.	Amt. Date	1.04p 4/1939	1.17 13/1947	1.32 13/1947	1.35 13/1947	1.43 13/1947	1.76 17-18/1945
Oct.	Amt. Date	0.68 25/1946	0.85 25/1946	1.15 25/1946	1.42p 20/1944	2.08p 20-21/1944	2.74 20-21/1944
Nov.	Amt. Date	0.33 2/1945	0.49 2/1945	0.60 26/1940	0.98 26/1940	1.08 26/1940	1.19 26-27/1940
Dec.	Amt. Date	0.35 6/1945	0.45 7/1950	0.63 7/1950	0.83 24/1941	1.05 29/1942	1.37 29-30/1942
Annual	Amt. Date	1.45p a 5/11/43	1.78 5/12/48	1.82 5/12/48	1.83 5/12/48	2.08p 10/20-21/44	2.74 10/20-21/44

a Also 7/18/1942.

Station: BUTLER, PENNSYLVANIA

Drainage basin: BEAVER

County: BUTLER

Lat. 40° 52'N Long. 79° 54'W

Elev.(ft.) 1100

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.44 10/1950	0.77 10/1950	0.97 10/1950	1.39 10/1950	1.76 10/1950	1.79 10/1950
Feb.	Amt. Date	0.26 9/1938	0.41 10/1940	0.57 26/1946	1.01 26/1946	1.37p 21-22/1945	1.49p 21-22/1945
Mar.	Amt. Date	0.38 12/1939	0.62 12/1939	0.88 12/1939	1.21 12/1939	1.33 12/1939	1.79 12/1939
Apr.	Amt. Date	0.69 27/1948	0.76 27/1948	0.91 27/1948	1.25 25/1950	1.69 27/1948	1.88 19-20/1940
May	Amt. Date	0.80p 16/1942	1.20p 15-16/1942	1.44 15-16/1942	1.84p 15-16/1942	2.04p 15-16/1942	2.06p 15-16/1942
Jun.	Amt. Date	1.14p 25/1938	1.41p 22/1939	1.76 22/1939	2.09p 22/1939	2.09p 22/1939	2.22p 25-26/1938
Jul.	Amt. Date	1.67p 14/1943	1.95p 14/1943	2.13 14/1943	2.35p 14/1943	2.39 14/1943	2.41 14-15/1943
Aug.	Amt. Date	1.80p 17/1946	2.70p 15/1941	2.85 15/1941	3.11p 15/1941	3.17p 15/1941	3.86p 15/1941
Sep.	Amt. Date	1.19p 8/1940	1.20p 8/1940	1.20 8/1940	1.30p 8/1940	1.30p 8/1940	1.58p 8/1940
Oct.	Amt. Date	0.88p 15/1943	1.16p 15/1943	1.25 15/1943	1.90p 15/1943	2.24p 15/1943	2.54p 15-16/1943
Nov.	Amt. Date	1.14p 18/1938	1.17p 18/1938	1.17 18/1938	1.18p 18/1938	1.21p 18/1938	1.65 3-4/1950
Dec.	Amt. Date	0.30p 11/1944	0.53 28/1940	0.67 11/1944	1.06p 11/1944	1.22p 11-12/1944	1.65 16-17/1937
Annual	Amt. Date	1.80p 8/17/46	2.70p 8/15/41	2.85 8/15/41	3.11p 8/15/41	3.17p 8/15/41	3.86p 8/15/41

Station: CANTON, PENNSYLVANIA\*

Drainage basin: SUSQUEHANNA

County: BRADFORD

Lat. 41° 40'N Long. 76° 52'W

Elev.(ft.) 1450

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.24 30/1939	0.39 30/1939	0.53 30/1939	0.83 30/1939	1.02 30/1939	1.25 30-31/1939
Feb.	Amt. Date	0.33 15/1939	0.53 3/1938	0.68 15/1939	1.17 15/1939	1.34 7/1942	1.57 6-7/1942
Mar.	Amt. Date	0.38 31/1945	0.55 8/1950	0.73 8/1950	0.86 8/1950	1.27 14/1940	1.59 30/1940
Apr.	Amt. Date	0.70 5/1947	1.03 5/1947	1.33 5/1947	1.85 5/1947	2.11 5/1947	2.20 4-5/1947
May	Amt. Date	0.78p 22/1942	1.04 25/1947	1.04a 22/1942	1.55p 7/1944	2.43p 6-7/1944	3.91p 27-28/1946
Jun.	Amt. Date	1.40p 23/1944	1.80p 23/1944	1.84 23/1944	1.84 23/1944	1.84 23/1944	2.20 17-18/1944
Jul.	Amt. Date	1.30p 23/1940	1.58p 23/1940	1.58p 23/1940	1.58p 23/1940	2.24 20-21/1946	2.50 31-1/1946
Aug.	Amt. Date	1.33b p 3/1939	1.40 31-1/1950	1.60 31-1/1950	2.02 31-1/1950	2.24 28-29/1949	2.50 31-1/1946
Sep.	Amt. Date	0.95p 15/1942	1.40 31-1/1950	1.60 31-1/1950	2.02 31-1/1950	2.07 31-1/1950	3.10p 26-27/1942
Oct.	Amt. Date	0.65 27/1939	0.89 27/1939	0.96 27/1939	1.23 12/1946	1.58 12/1946	1.84p 26-27/1943
Nov.	Amt. Date	0.67 6/1941	0.91 6/1941	1.01 6-7/1941	1.50 6/1948	2.20p 13/1937	2.67p 12-13/1937
Dec.	Amt. Date	0.68p 24/1941	1.12p 24/1941	1.17 24/1941	1.47 24/1941	1.87 23-24/1941	2.17p 23-24/1941
Annual	Amt. Date	1.40p 6/23/44	1.80p 6/23/44	1.84 6/23/44	2.02 8-31/ 9-1/41	2.43p 5/6-7/44	3.91p 5/6-7/46

\*Formerly Grover, Pennsylvania.

a Also 25/1947. b Also 25/1947.



**Station: CARTER CAMP, PENNSYLVANIA**

**Drainage basin: WEST BRANCH SUSQUEHANNA**

**County: POTTER**

**Lat. 41° 38'N Long. 77° 45'W**

**Elev.(ft.) 2100**

**Period of record: 1937-1950**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 30/1947	0.40 30/1939	0.57 30/1939	0.93 30/1939	1.10 30/1939	1.34 1-2/1948
Feb.	Amt. Date	0.23a 15/1939	0.42 22/1944	0.53 15/1939	0.90 15/1939	1.28 13/1948	1.51 13/1950
Mar.	Amt. Date	0.43 28/1940	0.60 28/1940	0.62 28/1940	0.85 30/1940	1.10 5/1938	1.56 29-30/1940
Apr.	Amt. Date	0.47 11/1948	0.72 11/1948	0.89 11/1948	1.13 5/1947	1.64 11/1948	2.16 11-12/1948
May	Amt. Date	1.17p 22/1942	1.48p 22/1942	1.66 22/1942	2.26 22/1942	3.05p 22/1942	3.51p 27-28/1946
Jun.	Amt. Date	1.20 20/1949	1.60 20/1949	1.60 20/1949	1.60 20/1949	1.76 18-19/1944	2.50 26-27/1938
Jul.	Amt. Date	2.10p 18/1942	2.38p 21/1938	2.38 21/1938	4.00p 18/1942	4.96p 17-18/1942	5.06p 17-18/1942
Aug.	Amt. Date	0.85p 3/1943	1.08 31/1950	1.22 13/1942	1.71 13/1942	1.98 13/1942	2.00 6-7/1946
Sep.	Amt. Date	1.32p 15/1942	1.32p 15/1942	1.36 2/1947	1.80 14/1945	1.80 14/1945	2.18p 14/1945
Oct.	Amt. Date	0.52p 22/1937	0.98 8/1950	1.40 8/1950	2.28 8-9/1950	3.11 8-9/1950	3.52 8-9/1950
Nov.	Amt. Date	0.34 4/1950	0.57 6/1948	0.78 6/1948	1.20 6/1948	1.42 12-13/1937	1.88p 12-13/1937
Dec.	Amt. Date	0.42p 24/1941	0.70p 24/1941	0.81 24/1941	1.40p 24/1941	1.63p 23-24/1941	2.27p 23-24/1941
Annual	Amt. Date	2.10p 7/18/42	2.38p 7/21/38	2.38 7/21/38	4.00p 7/18/42	4.96p 7/17-18/42	5.06p 7/17-18/42

a Also 22/1944.

**Station:** CHAMBERSBURG, PENNSYLVANIA

**Drainage basin:** POTOMAC

**County:** FRANKLIN

**Lat.** 39° 56'N **Long.** 77° 39'W

**Elev.(ft.)** 640

**Period of record:** 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.50 30/1947	0.82 30/1947	1.02 30/1947	1.29 1/1948	1.75 1/1948	1.97p 3-4/1944
Feb.	Amt. Date	0.29 15/1939	0.46 28/1939	0.62 6-7/1942	0.96 6-7/1942	1.33 6-7/1942	1.40 6-7/1942
Mar.	Amt. Date	0.42 8/1950	0.47 8/1950	0.57 14/1940	0.88 12/1944	1.21 12/1944	1.69 28-29/1942
Apr.	Amt. Date	0.68 30/1947	0.75 30/1947	1.04 30/1947	1.59 30/1947	1.83p 8/1940	2.24p 7-8/1940
May	Amt. Date	1.33p 23/1944	1.33p 23/1944	1.33 23/1944	1.50p 23/1944	1.70p 19/1943	2.24p 21-22/1942
Jun.	Amt. Date	1.40p 29/1946	1.45p 29/1946	1.45 29/1946	1.49p 29/1946	1.49p 29/1946	1.84p 3-4/1941
Jul.	Amt. Date	1.27 1/1947	1.42 1/1947	1.44 1/1947	1.69p 26/1939	1.70p 26-27/1939	1.73p 26-27/1939
Aug.	Amt. Date	2.20 20/1947	2.52 20/1947	2.63 20/1947	2.86 20/1947	2.87 20/1947	2.87 20/1947
Sep.	Amt. Date	0.85p 21/1946	1.52p 21/1946	1.88 21/1946	2.62p 21/1946	3.32p 20-21/1946	3.41p 20-21/1946
Oct.	Amt. Date	0.71 13/1944	0.79 13/1944	0.87 25-26/1946	1.53p 16/1943	1.56p 16/1943	2.05 14-15/1942
Nov.	Amt. Date	0.60 25/1950	0.90 25/1950	1.15 25/1950	1.66 25/1950	2.54 24-25/1950	2.60 24-25/1950
Dec.	Amt. Date	0.73p 24/1941	0.83p 24/1941	0.83 24/1941	1.17 4/1950	1.48 3-4/1950	1.74 3-4/1950
Annual	Amt. Date	2.20 8/20/47	2.52 8/20/47	2.63 8/20/47	2.86 8/20/47	3.32p 9/20-21/46	3.41p 9/20-21/46

Station: CHARLEROI, PENNSYLVANIA

Drainage basin: MONONGAHELA

County: WASHINGTON

Lat. 40° 08'N Long. 79° 55'W

Elev.(ft.) 1040

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.32 24/1938	0.43 24/1938	0.54 30/1939	0.77 30/1939	0.91 6/1950	1.26 29-30/1939
Feb.	Amt. Date	0.30a 15/1940	0.50 19/1938	0.65 19/1938	1.03 6/1938	1.09 3/1939	1.38 2-3/1939
Mar.	Amt. Date	0.66 16/1942	0.75 16/1942	0.94 14/1946	1.30 6/1945	1.78 6/1945	2.37 6/1945
Apr.	Amt. Date	0.64 8/1940	0.70 8/1940	0.79 9/1942	1.37 9/1942	1.88 8-9/1942	2.30 8-9/1942
May	Amt. Date	0.96 12/1948	1.02 12/1948	1.15 12/1948	1.35 30/1940	1.72 30/1940	1.98 30-31/1940
Jun.	Amt. Date	0.73 7/1947	1.17 8/1939	1.50 19/1948	2.27 19/1948	2.44 19/1948	2.52 4-5/1941
Jul.	Amt. Date	1.30 27/1943	1.49 12/1944	1.81 12/1944	1.88 12/1944	2.06 12-13/1944	2.51 27-28/1943
Aug.	Amt. Date	1.26 6/1940	1.53 6/1940	1.57 6/1940	1.68 6/1940	1.99 17-18/1949	2.06 17-18/1949
Sep.	Amt. Date	0.90 12/1938	1.25 12/1938	1.27 21/1950	1.68 21/1950	2.10 21/1950	2.14 21-22/1950
Oct.	Amt. Date	0.52 31/1942	0.72 31/1942	0.89 31/1942	1.10 31/1942	1.74 14/1942	2.23 13-14/1942
Nov.	Amt. Date	0.82 6/1941	0.95 6/1941	1.01 6/1941	1.22 26/1940	1.64 3-4/1950	2.53E 24-25/1950
Dec.	Amt. Date	0.40 31/1944	0.72 29/1942	0.98 29/1942	1.49 29/1942	2.06 29-30/1942	2.52 29-30/1942
Annual	Amt. Date	1.30 7/27/43	1.53 8/6/40	1.81 7/12/44	2.27 6/19/48	2.44 6/19/48	2.53E 11/24-25/50

a Also 26/1944.

Station: CLARION, PENNSYLVANIA\*

Drainage basin: ALLEGHENY

County: CLARION

Lat. 41° 12' N Long. 79° 26' W

Elev.(ft.) 1114

Period of record: 1937-1950 ONLY\*\*

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.37 10/1950	0.55a 30/1939	0.81 30/1939	1.18 10/1950	1.49 10/1950	1.80 24-25/1937
Feb.	Amt. Date	0.37 26/1946	0.60 26/1946	0.81 26/1946	1.33 26/1946	1.48 26-27/1946	1.64 13-14/1950
Mar.	Amt. Date	0.38 5/1938	0.60 27/1944	0.66 5/1938	1.17 12/1939	1.48 12/1939	2.27 12/1939
Apr.	Amt. Date	0.69 2/1945	0.77 11/1948	0.90 11/1948	1.23 25-26/1937	2.04 25-26/1937	2.70 25-26/1937
May	Amt. Date	1.05 24/1944	1.14 24/1944	1.14 24/1944	1.35 19/1949	2.02 19-20/1949	2.34 19-20/1949
Jun.	Amt. Date	1.74 24/1950	2.20 7/1947	2.48 7/1947	2.67 7/1947	2.67 7/1947	3.08 6-7/1947
Jul.	Amt. Date	1.31 13/1939	1.58 15/1937	1.85 15/1937	2.01 18-19/1941	2.08 18-19/1941	2.83 30/1941
Aug.	Amt. Date	1.53 11/1941	1.64 11/1941	1.77 11-12/1941	2.22 11-12/1941	2.70 15/1941	2.70 15/1941
Sep.	Amt. Date	1.13 1/1945	1.29 14/1938	1.34 14/1938	1.40 14/1938	1.98 14/1938	2.24 8-9/1942
Oct.	Amt. Date	0.70 27/1939	1.01 27/1939	1.51 27/1939	1.77 27/1939	2.08 27/1939	2.69 14-15/1942
Nov.	Amt. Date	0.35 25/1950	0.65 25/1950	0.89 25/1950	1.04 25/1950	1.29b 1-2/1940	1.72 24-25/1950
Dec.	Amt. Date	0.33 27/1940	0.60 27/1940	0.69 27/1940	0.79 27/1940	1.43 27-28/1940	1.69 17-18/1937
Annual	Amt. Date	1.74 6/24/50	2.20 6/7/47	2.48 6/7/47	2.67 6/7/47	2.70 8/15/41	3.08 6/6-7/47

\*Formerly Piney Dam, Pennsylvania.

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

a Also 10/1950. b Also 25/1950.

Station: CLARION, PENNSYLVANIA\*

Drainage basin: ALLEGHENY

County: CLARION

Lat. 41° 12'N Long. 79° 26'W

Elev.(ft.) 1114

Period of record: 1931-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.37 10/1950	0.55a 30/1939	0.81 30/1939	1.18 10/1950	1.49 10/1950	1.80 24-25/1937	
Feb.	0.37 26/1946	0.60 26/1946	0.81 26/1946	1.33 26/1946	1.48 26-27/1946	1.64 13-14/1950	
Mar.	0.47 14/1933	0.63 17/1936	0.77b 14/1933	1.43 17/1936	2.75 17/1936	3.71 17/1936	
Apr.	0.69 2/1945	0.77 11/1948	0.90 11/1948	1.23 25-26/1937	2.04 25-26/1937	2.70 25-26/1937	
May	1.05 24/1944	1.14 24/1944	1.14 24/1944	1.35 19/1949	2.02 19-20/1949	2.34 19-20/1949	
Jun.	1.74 24/1950	2.20 7/1947	2.48 7/1947	2.67 7/1947	2.67 7/1947	3.08 6-7/1947	
Jul.	1.31 13/1939	1.58 15/1937	1.85 15/1937	2.43 20/1931	2.51 20-21/1931	3.88 20-21/1931	
Aug.	1.53 11/1941	1.64 11/1941	1.77 11-12/1941	2.22 11-12/1941	2.70 15/1941	2.70 15/1941	
Sep.	1.13 1/1945	1.29 14/1938	1.34 14/1938	1.40 14/1938	1.98 14/1938	2.24 8-9/1942	
Oct.	0.70 27/1939	1.01 27/1939	1.51 27/1939	1.77 27/1939	2.08 27/1939	2.69 14-15/1942	
Nov.	0.35 25/1950	0.65 25/1950	0.89 25/1950	1.04 25/1950	1.41 4/1936	2.03 3-4/1936	
Dec.	0.55 31/1936	0.73 31/1936	0.86 31/1936	1.18 13/1931	1.58 13/1931	1.69 17-18/1937	
Annual	1.74 6/24/50	2.20 6/7/47	2.48 6/7/47	2.67 6/7/47	2.75 3/17/36	3.88 7/20-21/31	

\*Formerly Piney Dam, Pennsylvania.

a Also 10/1950.

b Also 17/1936.

Station: COATESVILLE, PENNSYLVANIA

Drainage basin: DELAWARE

County: CHESTER

Lat. 39° 58'N Long. 75° 50'W

Elev.(ft.) 342

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.50 30/1939	0.75 30/1939	0.90 30/1939	1.00 28/1943	1.37 28/1943	1.78E 3-4/1944
Feb.	Amt. Date	0.50 28/1939	0.87 28/1939	0.97 28/1939	1.11 28/1939	1.23 19-20/1946	1.39 2-3/1939
Mar.	Amt. Date	0.50a 14/1940	0.76 14/1940	1.01 14/1940	1.43 14/1940	1.94 14-15/1940	2.09 14-15/1940
Apr.	Amt. Date	0.55 18/1938	0.94 8/1940	1.16 8/1940	1.62 8/1940	2.22 8/1940	2.37 8/1940
May	Amt. Date	0.79 19/1943	0.99 19/1943	1.10 22/1942	1.69 22/1942	2.01 4-5/1948	2.38 22-23/1942
Jun.	Amt. Date	1.95 p 26/1938	2.70 p 26/1938	2.80 26/1938	3.70 p 26/1938	3.83 p 26-27/1938	4.67 p 26-27/1938
Jul.	Amt. Date	2.00 p 22/1946	2.44 p 22/1946	2.56 22/1946	3.07 p 22/1946	3.53 p 22/1946	4.90 p 22-23/1946
Aug.	Amt. Date	2.15 p 9/1942	2.65 p 9/1942	3.47 9/1942	4.63 p 9/1942	5.80 p 8-9/1942	5.97 8-9/1942
Sep.	Amt. Date	1.43 p 18/1945	2.68 p 18/1945	2.97 18/1945	3.54 p 18/1945	4.02 p 18/1945	4.25 p 17-18/1945
Oct.	Amt. Date	0.70 26/1942	0.98 26/1942	1.14 26/1942	1.50 26/1942	1.71 22-23/1937	2.38 p 25-26/1943
Nov.	Amt. Date	0.70 25/1950	1.18 25/1950	1.50 25/1950	2.32 25/1950	3.38 25/1950	3.74 25/1950
Dec.	Amt. Date	0.39 26/1949	0.71 26/1949	0.91 26/1949	1.26 25/1945	1.67 13/1941	1.90 p 12-13/1941
Annual	Amt. Date	2.15 p 8/9/42	2.70 p 6/26/38	3.47 8/9/42	4.63 p 8/9/42	5.80 p 8/8-9/42	5.97 8/8-9/42

a Also 28/1950

Station: CONFLUENCE DAM, PENNSYLVANIA \*

Drainage basin: YOUGHIOGHENY

County: SOMERSET

Lat. 39° 48' N Long. 79° 22' W

Elev.(ft.) 1490

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.41E 18/1943	0.69E 18/1943	0.76E 18/1943	1.04 30/1939	1.38 1/1948	2.01 1-2/1948
Feb.	Amt. Date	0.28 6/1938	0.51a 6/1938	0.62 16/1945	0.83 8-9/1950	1.24 3/1939	1.82 26-27/1945
Mar.	Amt. Date	0.38 19/1948	0.61 30/1946	0.73 30/1940	1.11 30/1940	1.51 30/1940	2.00 29-30/1940
Apr.	Amt. Date	0.53 24/1950	0.74 24/1950	1.09 24/1950	1.59 24/1950	1.89 11-12/1948	2.11 11-12/1948
May	Amt. Date	1.75p 26/1944	1.76p 26/1944	1.77 26/1944	1.77p 26/1944	1.77p 26/1944	1.77p 26/1944
Jun.	Amt. Date	1.20 11/1940	1.39 17/1949	1.84 17/1949	2.00 17/1949	2.13p 4/1941	3.22p 3-4/1941
Jul.	Amt. Date	1.04p 17/1944	1.32p 12/1944	1.72 12/1944	1.93 3/1948	2.32 3-4/1948	2.39 3-4/1948
Aug.	Amt. Date	1.10p 26/1941	1.14p 26/1941	1.40 25-26/1940	2.21p 26/1941	2.49 23-24/1945	2.92 23-24/1945
Sep.	Amt. Date	1.04 21/1950	1.28 21/1950	1.52 21/1950	2.22 21/1950	3.09 23/1945	3.18 23-24/1945
Oct.	Amt. Date	0.41 14/1942	0.70 20/1944	0.90 20/1944	1.38 20/1944	1.92 20-21/1944	2.33 20-21/1944
Nov.	Amt. Date	0.52 2/1945	0.68 2/1943	0.82 2/1943	0.98 26/1940	1.20 1/1940	1.52 1-2/1940
Dec.	Amt. Date	0.32 29/1942	0.50 29/1942	0.64 29/1942	1.14 15/1948	1.69 15/1948	2.59 15-16/1948
Annual	Amt. Date	1.75p 5/26/44	1.76p 5/26/44	1.84 6/17/49	2.22 9/21/50	3.09 9/23/45	3.22p 6/3-4/41

\*Formerly Draketown and Formerly Youghiogheny Dam, Pennsylvania.  
a Also 16/1945.



Station: CONNELLSVILLE, PENNSYLVANIA

Drainage basin: MONONGAHELA

County: FAYETTE

Lat. 40° 01'N Long. 79° 34'W

Elev.(ft.) 1145

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.27 6/1950	0.46 6/1950	0.57 6/1950	0.86 6/1950	1.28 6/1950	1.37 6/1950
Feb.	Amt. Date	0.60 6/1938	0.78 6/1938	0.90 6/1938	1.13 6/1938	1.28 3/1939	1.64 2-3/1939
Mar.	Amt. Date	0.33 15/1938	0.49 14/1946	0.62a 6/1945	1.02 30/1940	1.65 30/1940	2.23p 6/1945
Apr.	Amt. Date	1.35p 3/1940	1.55 3/1940	1.70 3/1940	2.13p 3/1940	2.14p 3/1940	2.14p 3/1940
May	Amt. Date	0.95p 24/1944	1.03p 24/1944	1.05 24/1944	1.23 30/1940	1.45 30/1940	1.83 30/1940
Jun.	Amt. Date	1.55p 4/1941	2.27p 4/1941	2.33 4/1941	2.58p 4/1941	3.25p 4/1941	3.98p 4-5/1941
Jul.	Amt. Date	2.21p 29/1941	2.92 20/1946	2.92 20/1946	2.94 20/1946	3.47 20/1946	4.08 20-21/1946
Aug.	Amt. Date	1.23 18/1950	1.27 18/1950	1.28 18/1950	1.84 17-18/1949	2.41 17-18/1949	2.48 17-18/1949
Sep.	Amt. Date	0.96 5/1949	1.03 5/1949	1.04 5/1949	1.67p 12/1938	1.67p 12/1938	1.78 12-13/1938
Oct.	Amt. Date	0.76 7/1944	0.82 7/1944	0.84 20/1944	1.57p 20/1944	2.30p 20/1944	3.01 20-21/1944
Nov.	Amt. Date	0.24b 25/1938	0.41 2/1945	0.46 3/1947	0.82 26/1940	1.03 26/1940	1.08 26-27/1940
Dec.	Amt. Date	0.29 16/1948	0.49 29/1942	0.70 29/1942	0.94 29/1942	1.40 29-30/1942	1.69 29-30/1942
Annual	Amt. Date	2.21p 7/29/41	2.92 7/20/46	2.92 7/20/46	2.94 7/20/46	3.47 7/20/46	4.08 7/20-21/46

a Also 14/1946 and 20/1950. b Also 24/1947.

Station: CRESSON, PENNSYLVANIA\*

Drainage basin: WEST BRANCH SUSQUEHANNA

County: CAMBRIA

Lat. 40° 28'N Long. 78° 34'W

Elev.(ft.) 2450

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 25/1938	0.46 25/1938	0.57 14/1940	0.99 14/1940	1.62 3/1944	2.23 3-4/1944
Feb.	Amt. Date	0.43 6/1938	0.53 6/1938	0.68 6/1938	0.90 6/1938	1.06 13-14/1940	1.53 13-14/1940
Mar.	Amt. Date	0.55p 6/1945	0.85p 6/1945	0.92 6/1945	1.25 6/1945	1.85p 6/1945	2.13 20-21/1950
Apr.	Amt. Date	0.48 5/1941	0.64 5/1941	0.84 5/1941	1.35 5/1941	2.29 4-5/1941	2.66 4-5/1941
May	Amt. Date	0.67 19/1942	0.78 28/1948	0.86 28/1948	1.08 28/1948	1.34 6/1944	1.53a 11-12/1943
Jun.	Amt. Date	1.92p 22/1939	2.00p 22/1939	2.01 22/1939	3.29p 22/1939	3.78p 22/1939	4.13p 4-5/1941
Jul.	Amt. Date	1.50p 22/1943	1.94p 3/1941	2.07 3/1941	2.83 12/1949	3.43 12/1949	4.04p 3-4/1941
Aug.	Amt. Date	1.40p 11/1941	1.63p 11/1941	1.79 15/1941	2.28p 17-18/1946	2.46 15/1941	2.88 15/1941
Sep.	Amt. Date	0.79p 12/1938	0.88 29/1946	1.01 11/1950	1.04 11/1950	1.43 17-18/1945	1.94 17-18/1945
Oct.	Amt. Date	0.87 9/1950	1.05 9/1950	1.19 9/1950	1.40 26-27/1946	1.74 8/1950	2.64 8-9/1950
Nov.	Amt. Date	0.45p 26/1940	0.80p 26/1940	0.97 26/1940	1.62p 26/1940	2.36 24-25/1950	2.83 24-25/1950
Dec.	Amt. Date	0.39 29/1942	0.64 24/1941	0.80 24/1941	1.35 24/1941	1.62 23-24/1941	1.81 29-30/1942
Annual	Amt. Date	1.92p 6/22/39	2.00p 6/22/39	2.07 7/3/41	3.29p 6/22/39	3.78p 6/22/39	4.13p 6/4-5/41

\*Formerly Summit, Pennsylvania.  
a Also 16-17/1945.

**Station: DINGMANS FERRY, PENNSYLVANIA**

**Drainage basin:** DELAWARE

**County:** PIKE

**Lat.** 41° 13'N **Long.** 74° 52'W

**Elev.(ft.)** 360

**Period of record: 1938-1948**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 31/1942	0.64 31/1942	0.81 31/1942	1.13 31/1942	1.39 28/1943	1.47 28/1943
Feb.	Amt. Date	0.25 15/1939	0.41 28/1939	0.54 28/1939	0.85 20-21/1947	1.38 20-21/1947	1.48 20-21/1947
Mar.	Amt. Date	0.58 3/1942	0.82 3/1942	1.04 3/1942	1.41 3/1942	1.78 2-3/1942	1.78 2-3/1942
Apr.	Amt. Date	0.68 13/1949	0.92 24/1944	1.01 24/1944	1.16 13-14/1949	1.68 18/1949	2.00 18-19/1949
May	Amt. Date	1.01 25/1947	1.21 25/1947	1.87 25/1947	2.24 25/1947	2.78 25/1947	2.98 26-27/1946
Jun.	Amt. Date	1.74p 17/1941	1.84p 17/1941	1.85 17/1941	1.95p 17/1941	2.94p 27/1938	3.66p 27-28/1938
Jul.	Amt. Date	1.70p 26/1945	2.14p 28/1945	2.28 7-8/1941	3.69p 7-8/1941	4.17p 7-8/1941	4.18p 7-8/1941
Aug.	Amt. Date	1.20p 15/1944	1.20p 15/1944	1.36 5/1948	1.78p 24/1945	2.68p 24/1945	3.26p 24-25/1945
Sep.	Amt. Date	1.10p 13/1944	1.52p 13/1944	1.54 13/1944	1.91p 13/1944	2.55p 13-14/1944	3.78p 26-27/1942
Oct.	Amt. Date	0.68p 21/1939	1.12p 21/1939	1.18 21/1939	1.30p 21/1939	1.68p 26/1943	2.54p 26-27/1943
Nov.	Amt. Date	0.72p 25/1942	1.05p 25/1942	1.26 8/1947	1.95p 25/1942	2.61p 25/1942	2.90p 24-25/1942
Dec.	Amt. Date	0.45 25/1945	0.74 5/1938	0.90 5/1938	1.50 25/1945	1.65 25-26/1945	1.93 29-30/1942
Annual	Amt. Date	1.74p 6/17/41	2.14p 7/28/45	2.28 7/7-8/41	3.69p 7/7-8/41	4.17p 7/7-8/41	4.18p 7/7-8/41

Station: DIXON, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: WYOMING

Lat. 41° 33' N Long. 75° 54' W

Elev.(ft.) 700

Period of record: APRIL 1949-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.13 6/1950	0.21 6/1950	0.25 6/1950	0.43 6/1950	0.68 6-7/1950	0.99 6-7/1950	
Feb.	0.10 9/1950	0.14 9/1950	0.15 9/1950	0.23 9/1950	0.27E 13-14/1950	0.53E 13-14/1950	
Mar.	0.22 22/1950	0.34 22/1950	0.45 22/1950	0.57 23/1950	0.97 23/1950	1.06 23/1950	
Apr.	0.46 14/1949	0.80 14/1949	0.99 14/1949	1.43 13-14/1949	1.73 13-14/1949	1.74 13-14/1949	
May	0.67 6/1949	0.73 6/1949	0.79 6/1949	1.21 20/1949	1.60 19-20/1949	1.87 19-20/1949	
Jun.	0.36 11/1949	0.49 11/1949	0.51 1/1950	0.55 1/1950	0.58 1/1950	0.78 31-1/1950	
Jul.	0.53 28/1950	0.65 13/1950	0.77 13/1950	0.97 13/1950	0.97 13/1950	0.97 13/1950	
Aug.	0.80 13/1950	0.85 29/1949	1.12 29/1949	1.64 29/1949	2.20 28-29/1949	2.34 28-29/1949	
Sep.	0.21 5/1949	0.38 14/1949	0.40 14/1949	0.48 14/1949	0.53 14/1949	0.75 13-14/1949	
Oct.	0.20a 5/1949	0.29 9/1950	0.47 5/1949	0.55 5/1949	0.74 9/1950	1.28 9-10/1950	
Nov.	0.44 25/1950	0.64 25/1950	0.77 25/1950	1.38 25/1950	2.04 25/1950	2.18 25/1950	
Dec.	0.38 4/1950	0.71 4/1950	1.02 4/1950	1.44 4/1950	1.64 3-4/1950	1.68 3-4/1950	
Annual	0.80 8/13/50	0.85 8/29/49	1.12 8/29/49	1.64 8/29/49	2.20 8/28-29/49	2.34 8/28-29/49	

a Also 9/1950.

Station: DRIFTWOOD, PENNSYLVANIA

Drainage basin: WEST BRANCH SUSQUEHANNA

County: CAMERON

Lat. 41° 20' N Long. 78° 08' W

Elev.(ft.) 880

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.20 25/1938	0.36 25/1938	0.45 31-1/1945	0.70 10/1950	0.84 10/1950	1.28 31-1/1945
Feb.	Amt. Date	0.25a 13/1938	0.44 15/1939	0.58 15/1939	0.86 26-27/1946	1.00 26-27/1946	1.18 13/1950
Mar.	Amt. Date	0.50 21/1948	0.51 21/1948	0.86 21/1948	0.86 21/1948	1.04b 5/1938	1.60p 29-30/1940
Apr.	Amt. Date	0.50 11/1948	0.63 11/1948	0.88 18-19/1941	1.15 18-19/1941	2.07p 20-21/1943	2.53p 20-21/1943
May	Amt. Date	0.58 23/1938	0.76p 17/1945	0.93 17/1945	1.37p 17/1945	1.77p 27/1946	2.35 26-27/1946
Jun.	Amt. Date	1.20 18/1948	1.27 18/1948	1.32 18-19/1948	1.83 6-7/1947	2.02 6-7/1947	2.37 6-7/1947
Jul.	Amt. Date	1.72p 18/1942	2.58p 18/1942	2.68 18/1942	4.22p 18/1942	4.32p 18/1942	5.59p 18/1942
Aug.	Amt. Date	1.00 3/1947	1.52 18/1949	1.85 18/1949	2.11 17-18/1949	2.31 17-18/1949	2.32 17-18/1949
Sep.	Amt. Date	0.80p 8/1945	0.86 4/1939	0.99 4/1939	1.44 29/1946	1.78p 17-18/1945	2.16p 17-18/1945
Oct.	Amt. Date	0.72p 27/1939	1.20 8/1939	1.20 8/1939	1.43 8/1950	2.02 8-9/1950	2.37 8-9/1950
Nov.	Amt. Date	0.52 4/1950	0.76 4/1950	0.96 4/1950	1.30 25/1950	2.46 25/1950	3.71 24-25/1950
Dec.	Amt. Date	0.42p 24/1941	0.58p 24/1941	0.70 24/1941	1.30p 24/1941	1.62p 23-24/1941	1.93p 23-24/1941
Annual	Amt. Date	1.72p 7/18/42	2.58p 7/18/42	2.68 7/18/42	4.22p 7/18/42	4.32p 7/18/42	5.59p 7/18/42

a Also 15/1939.

b Also 27/1940.

Station: DU BOIS, PENNSYLVANIA

Drainage basin: WEST BRANCH SUSQUEHANNA

County: CLEARFIELD

Lat. 41° 06' N Long. 78° 38' W

Elev.(ft.) 1670

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 10/1950	0.50 30/1939	0.70 30/1939	1.01 10/1950	1.26 10/1950	1.33 10/1950
Feb.	Amt. Date	0.30a 6/1938	0.45 6/1938	0.55 15/1939	0.83 17/1939	1.02 26-27/1946	1.29 13-14/1948
Mar.	Amt. Date	0.66 19/1948	0.68 19/1948	0.69 19/1948	0.82 26/1950	1.15 5/1938	1.56 29-30/1940
Apr.	Amt. Date	0.72 24/1948	0.90 24/1948	0.99 24/1948	1.04 24/1948	1.61 11/1948	2.13 11-12/1948
May	Amt. Date	0.93p 10/1943	1.01 19/1940	1.03 19/1940	1.37 19/1940	2.35 19-20/1949	2.77 19-20/1949
Jun.	Amt. Date	1.04 12/1948	1.20 12/1948	1.40 12/1948	1.58 12/1948	1.89p 26-27/1938	2.08p 26-27/1938
Jul.	Amt. Date	1.30 22/1948	1.36 22/1948	1.47 22/1946	1.69 22-23/1946	2.30 22-23/1946	2.30 22-23/1946
Aug.	Amt. Date	1.88p 22/1942	2.42p 22/1942	2.52 22/1942	2.80p 22/1942	2.80p 22/1942	3.08p 22-23/1942
Sep.	Amt. Date	1.42 11/1950	1.60p 8/1945	1.72 11/1950	2.20p 8/1940	2.75p 8/1940	2.80p 8/1940
Oct.	Amt. Date	0.55p 27/1939	0.76 9/1950	0.92 9/1950	1.12 9/1950	1.41 1-2/1945	1.63 20-21/1944
Nov.	Amt. Date	0.37 25/1950	0.72 25/1950	1.05 25/1950	1.85 25/1950	3.28 25/1950	3.90 24-25/1950
Dec.	Amt. Date	0.47 16/1948	0.62 16/1948	0.80 16/1948	1.09 16/1948	1.33b 29-30/1942	2.01 29-30/1942
Annual	Amt. Date	1.88p 8/22/42	2.42p 8/22/42	2.52 8/22/42	2.80p 8/22/42	3.28 11/25/50	3.90 11/24-25/50

a Also 22/1949.      b Also 16/1948.

Station: DUNLO, PENNSYLVANIA

Drainage basin: CONEMAUGH County: CAMBERTA

Lat. 40° 17' N Long. 78° 44' W Elev.(ft.) 2440

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.29 7/1946	0.35 7/1946	0.45 3/1950	0.73E 3/1944	0.98E 3/1944	1.56E 3/1944
Feb.	Amt. Date	0.27 6/1938	0.48 6/1938	0.50 6/1938	0.70 6/1938	1.06 3/1939	1.35 2-3/1939
Mar.	Amt. Date	0.51 21/1945	0.75 20/1950	0.91a 6/1945	1.37p 6/1945	1.74p 6/1945	2.17p 6/1945
Apr.	Amt. Date	0.65 2/1945	0.74 2/1945	0.83 3/1940	1.18 12/1948	1.94 11-12/1948	2.13p 8-9/1942
May	Amt. Date	0.97 17/1945	1.38 17/1945	1.46 17/1945	1.50 17/1945	1.50 17/1945	1.74p 11-12/1943
Jun.	Amt. Date	0.82 18/1946	1.29 28-29/1949	1.51 28-29/1949	1.66 28-29/1949	2.02p 1-2/1946	3.13 18-19/1948
Jul.	Amt. Date	2.40p 14/1939	2.44p 14/1939	2.44 14/1939	2.44p 14/1939	2.44p 14/1939	2.44p 14/1939
Aug.	Amt. Date	1.18p 30/1945	1.61p 30/1945	1.67 30/1945	2.03 17/1947	2.46 17/1947	2.46 17/1947
Sep.	Amt. Date	1.25p 7/1938	1.26p 7/1938	1.26 7/1938	1.38p 7/1938	1.39p 7/1938	1.75 17-18/1945
Oct.	Amt. Date	0.59 27/1939	0.69 27/1939	0.90 14/1949	1.14 27/1939	1.83 27/1939	2.36p 20-21/1944
Nov.	Amt. Date	0.33 25/1950	0.63E 25/1950	0.93E 25/1950	1.78 25/1950	2.77 24-25/1950	3.31 24-25/1950
Dec.	Amt. Date	0.38 24/1941	0.57 29/1942	0.70 29/1942	1.06 24/1941	1.29 29-30/1942	1.78 29-30/1942
Annual	Amt. Date	2.40p 7/14/39	2.44p 7/14/39	2.44 7/14/39	2.44p 7/14/39	2.77 11/24-25/50	3.31 11/24-25/50

a Also 20/1950.



Station: DUSHORE, PENNSYLVANIA

Drainage basin: WEST BRANCH SUSQUEHANNA

County: SULLIVAN

Lat. 41° 32' N Long. 76° 24' W

Elev.(ft.) 1580

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.28 15/1947	0.38 15/1947	0.48a 14/1940	0.83 14/1940	1.20 14/1940	1.23 14/1940
Feb.	Amt. Date	0.47 15/1939	0.60 15/1939	0.66 15/1939	0.82 15/1939	1.03 15/1939	1.60 13-14/1940
Mar.	Amt. Date	0.56 19/1943	0.79 21/1948	0.82 19/1943	0.99 19/1943	1.85 30/1940	2.30 30-31/1940
Apr.	Amt. Date	0.58 2/1948	0.70 2/1948	0.86 19/1950	1.44 5/1947	1.74 5/1947	1.91 4-5/1947
May	Amt. Date	1.20 28/1945	1.38 28/1945	1.38 28/1945	2.10p 7/1944	2.71p 6-7/1944	3.42p 6-7/1944
Jun.	Amt. Date	1.16p 23/1944	1.31p 23/1944	1.32 23/1944	1.34 27/1948	1.37 14/1947	1.85p 23-24/1944
Jul.	Amt. Date	2.20p 23/1940	2.42p 23/1940	2.53p 23/1940	3.13p 28/1945	3.39p 28/1945	3.64p 28-29/1945
Aug.	Amt. Date	1.80p 31/1940	3.12p 31/1940	3.32 31/1940	3.94 31/1940	4.16p 31/1940	5.46p 31/1940
Sep.	Amt. Date	0.89 11/1945	1.02 11/1945	1.10 29-30/1946	1.27 29-30/1946	2.11E 31-1/1940	4.22 31-1/1940
Oct.	Amt. Date	0.47 14/1944	0.88 14/1944	0.96 14/1944	1.23 14/1944	1.71p 26/1943	2.01 26-27/1943
Nov.	Amt. Date	0.70 6/1948	1.22 25/1950	1.70 25/1950	2.70 25/1950	4.00 25/1950	4.17 25/1950
Dec.	Amt. Date	0.77p 24/1941	1.06p 24/1941	1.33 10/1938	2.00p 10/1938	2.29p 9-10/1938	2.68 3-4/1950
Annual	Amt. Date	2.20p 7/23/40	3.12p 8/31/40	3.32 8/31/40	3.94 8/31/40	4.16p 8/31/40	5.46p 8/31/40

a. Also 15/1947.



Station: EAGLES NERE, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: SULLIVAN

Lat. 41° 24' N Long. 76° 35' W

Elev.(ft.) 2020

Period of record: 1941-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.25 30/1947	0.41 2/1942	0.55 2/1942	0.79 30/1947	0.79 30/1947	0.97 5-6/1949	
Feb.	0.30 22/1945	0.52 22/1945	0.72 22/1945	1.00 22/1945	1.21 22/1945	1.38 13-14/1948	
Mar.	0.39 21/1945	0.59 16-17/1943	0.77a 8-9/1946	1.29 31/1948	1.63 31-1/1948	1.65 31-1/1948	
Apr.	0.67 26/1945	0.77 26/1945	0.80 26/1945	1.28 31-1/1948	1.63 31-1/1948	1.65 31-1/1948	
May	1.45p 23/1944	1.53p 23/1944	1.53 23/1944	2.36p 6-7/1944	3.00p 6-7/1944	3.39p 6-7/1944	
Jun.	0.87p 21/1943	1.35p 21/1943	1.36 21/1943	1.54 14/1947	1.88 14/1947	2.56 13-14/1947	
Jul.	1.15 23/1948	1.42 23/1948	1.90 28/1945	2.57p 28/1945	2.89p 28/1945	3.10p 28-29/1945	
Aug.	1.70 13/1947	1.80 13/1947	1.90 13/1947	2.27 19/1950	2.56 19/1950	3.92 18-19/1950	
Sep.	1.22p 29/1946	1.44p 29/1946	1.65 29-30/1946	1.90p 29-30/1946	2.11 11-12/1950	2.97p 26-27/1942	
Oct.	1.09p 16/1943	1.92p 16/1943	1.97 16/1943	2.20p 16/1943	2.22p 16/1943	2.51p 15-16/1943	
Nov.	0.50b 6/1941	0.83 6/1948	1.23 6/1948	1.72 25/1950	2.36 25/1950	2.93 25/1950	
Dec.	0.72p 24/1941	0.99p 24/1941	1.02 24/1941	1.29p 24/1941	1.89p 23-24/1941	2.64 29-30/1948	
Annual	1.70 8/13/47	1.92p 10/16/43	1.97 10/16/43	2.57p 7/28/45	3.00p 5/6-7/44	3.92 8/18-19/50	

a Also 31/1948.      b Also 25/1950.

Station: EMPORIUM, PENNSYLVANIA

Drainage basin: WEST BRANCH SUSQUEHANNA

County: CAMERON

Lat. 41° 30' N Long. 78° 13' W

Elev. (ft.) 1100

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.22 30/1939	0.42 30/1939	0.63 30/1939	0.96 30/1939	1.14 30/1939	1.25a 30-31/1939
Feb.	Amt. Date	0.25b 26/1946	0.40c 15/1939	0.50c 15/1939	0.88 26-27/1946	1.18 13/1950	1.61 13/1950
Mar.	Amt. Date	0.55 22/1950	0.69 16/1942	0.89 16/1942	1.02 19/1948	1.16 19/1948	1.51 4-5/1938
Apr.	Amt. Date	0.43 18/1941	0.64 4/1945	0.69 4/1945	0.93 18-19/1941	1.36 20-21/1943	1.70 20-21/1943
May	Amt. Date	0.65p 25/1946	0.74 20/1939	0.91 20/1939	1.30p 27/1946	2.15 27/1946	3.06p 27/1946
Jun.	Amt. Date	1.59p 23/1941	1.65p 2/1943	1.74 2/1943	1.80p 2/1943	1.80p 2/1943	2.13 26-27/1938
Jul.	Amt. Date	1.70p 18/1942	2.55p 18/1942	3.23 18/1942	4.24p 18/1942	5.78 18/1942	7.53p 17-18/1942
Aug.	Amt. Date	0.84 21/1947	0.95 25/1950	1.13 18/1949	1.37 17-18/1949	1.53 28-29/1949	1.83 5/1948
Sep.	Amt. Date	0.95p 20/1944	1.00p 20/1944	1.00 20/1944	1.18 27/1939	1.66p 18/1945	2.07 17-18/1945
Oct.	Amt. Date	1.25p 25/1939	1.54p 25/1939	1.59 25/1939	1.72p 25/1939	2.10 8-9/1950	2.29 8-9/1950
Nov.	Amt. Date	0.57 25/1950	0.65 25/1950	0.85 25/1950	1.51 25/1950	2.91 25/1950	3.91E 24-25/1950
Dec.	Amt. Date	0.29 27/1940	0.45 24/1941	0.57 24/1941	0.90 24/1941	1.20 23-24/1941	1.51 23-24/1941
Annual	Amt. Date	1.70p 7/18/42	2.55p 7/18/42	3.23 7/18/42	4.24p 7/18/42	5.78 7/18/42	7.53p 7/17-18/42

a Also 5-6/1950.      b Also 22/1949.      c Also 26/1946.

Station: ENGLISH CENTER, PENNSYLVANIA

Drainage basin: WEST BRANCH SUSQUEHANNA County: LYCOMING

Lat. 41° 26'N Long. 77° 17'W Elev.(ft.) 881

Period of record: 1937 NOV. 1944, OCT. 1945 to 1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.33 25/1938	0.57 25/1938	0.68 25/1938	0.86 25/1938	1.02 1/1948	1.39 1-2/1948
Feb.	Amt. Date	0.25 15/1939	0.41 15/1939	0.47 15/1939	0.82 15/1939	1.02 13/1950	1.38 13-14/1950
Mar.	Amt. Date	0.40 21/1948	0.60 16/1942	0.81 31/1948	0.96 31/1948	1.22 20-21/1950	1.76p 29-30/1940
Apr.	Amt. Date	0.41 20/1943	0.60 20/1943	0.75 20/1943	0.96 20-21/1943	1.10 14/1948	1.79 11-12/1948
May	Amt. Date	1.57p 22/1942	2.11p 22/1942	2.30 22/1942	2.50p 22/1942	3.57p 27/1946	4.73 27-28/1946
Jun.	Amt. Date	1.46 30/1947	1.54 30/1947	1.56 30/1947	1.56 30/1947	1.56 30/1947	2.18 4-5/1941
Jul.	Amt. Date	1.32p 18/1942	2.11p 18/1942	2.20 18/1942	3.00 20/1946	3.20 20-21/1946	3.20 20-21/1946
Aug.	Amt. Date	1.17 17/1946	1.21p 11/1941	1.27 11/1941	1.67 17-18/1949	1.79 17-18/1949	2.64E 18-19/1950
Sep.	Amt. Date	0.76 29/1946	1.18 29/1946	1.30 29/1946	1.75 29/1946	2.07 29-30/1946	2.71 26-27/1942
Oct.	Amt. Date	0.80 5/1942	0.91 5/1942	0.91 5/1942	1.29p 16/1943	1.48p 26/1943	2.37 8-9/1950
Nov.	Amt. Date	0.57 6/1941	0.90 25/1950	1.10 25/1950	1.80 25/1950	2.90 25/1950	3.48E 24-25/1950
Dec.	Amt. Date	0.62p 24/1941	0.85p 24/1941	1.06 24/1941	1.64p 24/1941	1.94p 23-24/1941	2.38p 23-24/1941
Annual	Amt. Date	1.57p 5/22/42	2.11a 5/22/42	2.30 5/22/42	3.00 7/20/46	3.57p 5/27/46	4.73 5/27-28/46

a Also 7/18/42

Station: ERIE WB CITY, PENNSYLVANIA\*

Drainage basin: LAKE ERIE

County: ERIE

Lat. 42° 07' Long. 85° 05'

Elev.(ft.) 655

Period of record: 1937-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.22 21/1937	0.39 21/1937	0.51 30/1939	0.87 30/1939	1.20 15/1950	1.32 13-14/1937
Feb.	Amt. Date	0.42 8/1937	0.58a 13/1938	0.78 13/1938	1.33 13/1938	1.71 12-13/1938	1.83 13-14/1950
Mar.	Amt. Date	0.80 31/1949	0.96 31/1949	0.96 31/1949	0.98 31/1949	1.33 21/1948	1.80 21-22/1948
Apr.	Amt. Date	1.18 x 5/1947	1.67 x 5/1947	2.00 5/1947	2.63 5/1947	2.90 5/1947	3.16 x 4-5/1947
May	Amt. Date	0.93 x 28/1939	1.22 x 19/1943	1.50 19/1943	1.52 31/1946	2.78 31-1/1946	2.84 31-1/1946
Jun.	Amt. Date	1.32 x 23/1948	1.84 x 23/1948	1.87 w 23/1948	2.25 17/1937	2.78 31-1/1946	3.45 17-18/1937
Jul.	Amt. Date	2.97 w 22/1947	4.75 w 22/1947	6.32 w 22/1947	9.43 22/1947	10.22 22/1947	10.42 22-23/1947
Aug.	Amt. Date	1.68 w 17/1949	3.19 w 17/1949	3.35 w 17/1949	4.07 17/1949	4.25 17-18/1949	4.25 x 17-18/1949
Sep.	Amt. Date	1.79 x 4/1944	1.80 x 4/1944	1.93 w 8/1942	2.29 8/1942	2.69 4/1944	2.69 4/1944
Oct.	Amt. Date	1.14 x 27/1939	1.48 x 15/1943	1.75 w 15-16/1943	2.17 15-16/1943	2.39 15-16/1943	2.91 15-16/1943
Nov.	Amt. Date	0.48 w 13/1938	0.53 w 13/1938	0.97 w 13/1938	1.04 13/1938	1.23 24-25/1950	2.10 24-25/1950
Dec.	Amt. Date	0.21bw 11/1944	0.36 11/1944	0.50 11/1944	0.90 11/1944	1.72 11-12/1944	2.36 11-12/1944
Annual	Amt. Date	2.97 7/22/47	4.75 7/22/47	6.32 7/22/47	9.43 7/22/47	10.22 7/22/47	10.42 7/22-23/47

File No. 50028- \* Given for comparative purposes. See next page for complete record.

a Also 19/1939

b Also 10/1946

Station: ERIE WB CITY, PENNSYLVANIA

Drainage basin: LAKE ERIE

County: ERIE

Lat. 42° 07' N Long. 80° 05' W

Elev.(ft.) 655

Period of record: 1897-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 31/1917	0.44 18/1913	0.64 18/1913	0.95 17-18/1913	1.20a 3-4/1914	1.92x 3-4/1914
Feb.	Amt. Date	0.42 8/1937	0.58b 13/1938	0.78 13/1938	1.33 13/1938	1.71 12-13/1938	1.83 13-14/1950
Mar.	Amt. Date	0.80 31/1949	0.96 31/1949	0.96 31/1949	1.24 24-25/1913	2.16 24-25/1913	3.05 24-25/1913
Apr.	Amt. Date	1.18x 5/1947	1.67x 5/1947	2.00 5/1947	2.63 5/1947	2.90 5/1947	3.16x 4-5/1947
May	Amt. Date	1.64w 26/1903	1.74 26/1903	1.98 26/1903	2.19 5/1914	2.78 31-1/1946	2.84c 4-5/1914
Jun.	Amt. Date	1.68w 27/1900	1.84x 23/1948	1.87w 23/1948	2.73 27-28/1900	2.78 31-1/1946	3.45 17-18/1937
Jul.	Amt. Date	2.97w 22/1947	4.75w 22/1947	6.32w 22/1947	9.43 22/1947	10.22 22/1947	10.42 22-23/1947
Aug.	Amt. Date	1.68w 17/1949	3.19w 17/1949	3.96x 3/1915	4.83x 3/1915	5.71x 3-4/1915	5.77x 3-4/1915
Sep.	Amt. Date	1.79x 4/1944	1.80x 4/1944	2.18 28/1907	2.33 28-29/1907	2.69 4/1944	3.18 28-29/1924
Oct.	Amt. Date	1.14x 27/1939	1.48x 15/1943	1.75w 15-16/1943	2.42 27/1912	3.17 27-28/1912	3.24x 27-28/1912
Nov.	Amt. Date	0.68 12/1931	0.80x 2/1936	0.97w 13/1938	1.04 13/1938	1.49 9/1913	2.10 24-25/1950
Dec.	Amt. Date	0.30 29/1915	0.50 29/1915	0.70 29/1915	1.20 30-31/1932	1.72 11-12/1944	2.36 11-12/1944
Annual	Amt. Date	2.97 7/22/47	4.75 7/22/47	6.32 7/22/47	9.43 7/22/47	10.22 7/22/47	10.42 7/22-23/47

a Also 15/1950.

b Also 19/1939.

c Also 31-1/1946.

Station: EVERETT, PENNSYLVANIA

Drainage basin: JUNIATA

County: BEDFORD

Lat. 40° 00'N Long. 78° 23'W

Elev.(ft.) 1020

Period of record: AUG. 1937 - NOV. 1938, 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.22 1/1948	0.38 1/1948	0.52 1/1948	0.90 1/1948	1.35 1/1948	1.87 3-4/1944
Feb.	Amt. Date	0.33 22/1949	0.40 22/1949	0.40 22/1949	0.52 19/1946	0.77 19-20/1946	0.84 20-21/1947
Mar.	Amt. Date	0.23a 15/1946	0.45 15/1946	0.63 14-15/1946	0.81 12/1944	1.00 12/1944	1.08 14-15/1938
Apr.	Amt. Date	0.43 4/1945	0.49 25/1945	0.69 25/1945	0.82 25/1945	1.06 12/1948	1.28 27-28/1948
May	Amt. Date	0.99p 17/1945	1.15p 17/1945	1.26 17/1945	1.32p 17/1945	1.34 6/1944	1.70p 16-17/1945
Jun.	Amt. Date	1.15 28/1949	1.40 28/1949	1.50 28/1949	1.57 28/1949	2.20 19/1948	2.82 19/1948
Jul.	Amt. Date	1.08 6/1949	1.48 6/1949	1.52 6/1949	1.53 6/1949	1.74 31-1/1946	1.81 31-1/1946
Aug.	Amt. Date	1.20 19/1950	1.25 19/1950	1.30 3/1948	1.40 2/1946	1.80 23-24/1945	2.39 23-24/1945
Sep.	Amt. Date	0.65 7/1938	0.70 4/1937	0.80 17-18/1945	1.40p 17-18/1945	2.02 17-18/1945	3.08p 17-18/1945
Oct.	Amt. Date	0.56p 20/1944	0.95p 20/1944	1.16 20/1944	1.58p 20/1944	1.93p 20-21/1944	2.47p 20-21/1944
Nov.	Amt. Date	0.48p 8/1943	0.55p 8/1943	0.70 25/1950	1.35 25/1950	1.94 24-25/1950	2.45E 24-25/1950
Dec.	Amt. Date	0.26 7/1950	0.44 7/1950	0.50 7/1950	0.70 26/1943	1.01 15/1948	1.15 15-16/1948
Annual	Amt. Date	1.20 8/19/50	1.48 7/6/49	1.52 7/6/49	1.58p 10/20/44	2.20 6/19/48	3.08p 9/17-18/45

a Also 23/1948.



**Station: FORD CITY DAM, PENNSYLVANIA\***

**Drainage basin: ALLEGHENY**

**County: ARMSTRONG**

**Lat. 40° 43' N Long. 79° 30' W**

**Elev.(ft.) 950**

**Period of record: 1940-1950**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.29 10/1950	0.45 10/1950	0.61 10/1950	1.16 10/1950	1.32 10/1950	1.34 9-10/1950
Feb.	Amt. Date	0.30 22/1949	0.39a 22/1945	0.51 13/1948	0.73 21-22/1945	1.01 21-22/1945	1.27 13-14/1948
Mar.	Amt. Date	0.62 19/1945	0.77 19/1945	0.88 19/1945	1.00 19/1945	1.32 6/1945	1.89 6/1945
Apr.	Amt. Date	0.68 2/1945	0.81 11/1948	1.03 11/1948	1.40 11-12/1948	1.74 11-12/1948	2.41 11-12/1948
May	Amt. Date	0.96 29/1941	1.08 29/1941	1.23 25/1943	1.66 29/1941	1.89 17-18/1947	2.38 17-18/1947
Jun.	Amt. Date	1.06 16/1943	1.37 16/1943	1.39 20/1946	1.85 20/1946	2.10 20-21/1946	2.12 20-21/1946
Jul.	Amt. Date	1.10 5/1950	1.37 5/1950	1.47 5/1950	1.70 5/1950	1.80 5/1950	1.80 5/1950
Aug.	Amt. Date	1.69 15/1941	1.97 15/1941	2.14 15/1941	2.39 15/1941	2.45 15/1941	2.80 15/1941
Sep.	Amt. Date	1.08 8/1945	1.18 10/1941	1.21 10/1941	1.24 10/1941	1.33 17-18/1945	1.61 17-18/1945
Oct.	Amt. Date	0.44 15/1943	0.77 14/1942	0.95 14/1942	1.63 14/1942	2.96 14/1942	3.92 13-14/1942
Nov.	Amt. Date	0.35 15/1944	0.63 15/1944	0.73 20/1950	1.06 20/1950	1.17 3-4/1950	1.95 3-4/1950
Dec.	Amt. Date	0.24b 28/1940	0.38 30/1942	0.48 30/1942	0.71 29-30/1942	1.14E 29-30/1942	1.52E 29-30/1942
Annual	Amt. Date	1.69 8/15/41	1.97 8/15/41	2.14 8/15/41	2.39 8/15/41	2.96 10/14/42	3.92 10/13-14/42

\*Formerly Crooked Creek Dam, Pennsylvania

a Also 22/1949.      b Also 30/1942.

Station: FRANKLIN, PENNSYLVANIA

Drainage basin: ALLEGHENY

County: VENANGO

Lat. 41° 23' N Long. 79° 49' W

Elev.(ft.) 987

Period of record: 1937-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.26 27/1944	0.46 27/1944	0.66 27/1944	1.00 27/1944	1.23 30/1939	1.29 30/1939	
Feb.	0.28 15/1939	0.55 15/1939	0.65 15/1939	0.84 15/1939	1.25 13/1950	1.64 13/1950	
Mar.	0.50 16/1942	0.82 16/1942	1.01 16/1942	1.10 16/1942	1.39 5/1938	1.76 21-22/1945	
Apr.	0.66 11/1948	0.75 11/1948	0.84 11/1948	1.11 16/1947	1.24 19-20/1940	1.57 19-20/1940	
May	0.93 21/1944	1.01 15-16/1942	1.33 15-16/1942	1.71 15-16/1942	2.65 27/1946	3.61 27-28/1946	
Jun.	1.60 23/1944	2.34 23/1944	2.62 23/1944	2.66 23/1944	2.66 23/1944	2.81 23-24/1944	
Jul.	1.32 10/1943	1.33 10/1943	1.45 7/1949	1.63 29/1941	2.11 29-30/1941	3.16 29-30/1941	
Aug.	1.74 11/1941	2.41 25/1941	2.51 25/1941	2.75 25-26/1941	2.87 25-26/1941	3.37 25-26/1941	
Sep.	0.73 4/1939	1.28 4/1939	1.29 4/1939	1.34 8/1945	1.66 4/1939	1.95 31-1/1950	
Oct.	0.93 8/1939	1.04 2/1945	1.13 1-2/1945	1.35 1-2/1945	1.73 1-2/1945	1.88 15-16/1943	
Nov.	0.49 18/1938	0.60 18/1938	0.61 18/1938	0.69 4/1950	1.01 4/1950	1.43 3-4/1950	
Dec.	0.30a 29/1942	0.57 11/1944	0.82 11/1944	1.23 11/1944	1.55 11-12/1944	1.83 11-12/1944	
Annual	1.74 8/11/41	2.41 8/25/41	2.62 6/23/44	2.75 8/25-26/41	2.87 8/25-26/41	3.37 8/25-26/41	

a Also 11/1944.



Station: GETTYSBURG, PENNSYLVANIA

Drainage basin: POTOMAC

County: ADAMS

Lat. 39° 48' N Long. 77° 14' W

Elev.(ft.) 560

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.46 5/1949	0.76 5/1949	0.90 1/1948	1.73 1/1948	2.44 1/1948	2.69 1-2/1948
Feb.	Amt. Date	0.42 15/1939	0.59 6/1942	0.71 6/1942	1.05 6-7/1942	1.49 6-7/1942	1.58 6-7/1942
Mar.	Amt. Date	0.45a 8/1942	0.71 15/1946	0.90 14-15/1946	1.27 22-23/1950	1.75 22-23/1950	1.87 22-23/1950
Apr.	Amt. Date	0.70 30/1947	0.90 30/1947	0.94 5/1941	1.62p 5/1941	1.83p 5/1941	1.98 19-20/1940
May	Amt. Date	1.92p 19/1943	2.73p 20/1943	2.85 20/1943	3.12p 20/1943	3.24p 20-21/1943	4.66p 19-20/1943
Jun.	Amt. Date	1.12p 29/1946	1.12p 29/1946	1.27 11/1939	1.64 2/1946	2.50 1-2/1946	2.72 1-2/1946
Jul.	Amt. Date	1.00p 26/1945	1.40 12/1949	1.71 12/1949	2.21 12/1949	3.72 12/1949	4.29 12-13/1949
Aug.	Amt. Date	1.90p 31/1940	2.50p 31/1940	2.59 31/1940	3.30p 31/1940	3.33p 31/1940	3.36p 31/1940
Sep.	Amt. Date	1.37p 4/1939	1.45p 4/1939	1.47 4/1939	1.98 23-24/1946	2.03p 23-24/1946	3.34p 23-24/1946
Oct.	Amt. Date	0.68 15/1942	0.92 15/1942	1.05 15/1942	1.72 15/1942	1.99 26/1943	2.98 25-26/1943
Nov.	Amt. Date	0.84 8/1943	1.48 6/1948	1.96 6/1948	2.40 8/1943	3.06 8/1943	3.56 8/1943
Dec.	Amt. Date	0.35E 4/1950	0.70E 4/1950	1.05 4/1950	1.70 4/1950	2.25 3-4/1950	2.25 3-4/1950
Annual	Amt. Date	1.92p 5/19/43	2.73p 5/20/43	2.85 5/20/43	3.30p 8/31/40	3.72 7/12/49	4.66p 5/19-20/43

a Also 15/1946.

Station: GLENCOE, PENNSYLVANIA

Drainage basin: POTOMAC

County: SOMERSET

Lat. 39° 49' N Long. 78° 51' W

Elev.(ft.) 1620

Period of record: 1940-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.31 1/1948	0.55 1/1948	0.68 1/1948	1.24 1/1948	1.63 1/1948	2.13 1-2/1948	
Feb.	0.40 22/1949	0.50 22/1949	0.57 22/1949	0.80 19/1946	0.99 19/1946	1.37 6-7/1942	
Mar.	0.47 31/1948	0.62 31/1948	0.93 31/1948	1.16 31/1948	1.31 20-21/1950	1.39 20-21/1950	
Apr.	0.64 24/1944	0.80 24/1944	0.85 24/1944	1.02 24/1950	1.61 4-5/1941	1.90 18-19/1943	
May	1.08 31/1950	1.19 10/1944	1.20 10/1944	1.47 15-16/1942	1.81 15-16/1942	1.99 15-16/1942	
Jun.	0.90 1/1942	1.34 25/1945	1.39 25/1945	1.50 19/1948	1.80 19/1946	2.43 3-4/1941	
Jul.	1.60 31/1947	2.03 31/1947	2.43 31/1947	2.87 31/1947	2.87 31/1947	2.87 31/1947	
Aug.	1.98 13/1949	2.44 13-14/1949	2.46 13-14/1949	2.49 13-14/1949	2.56 13-14/1949	2.70 13-14/1949	
Sep.	0.74 21/1950	0.74 21/1950	0.84 21/1950	1.30 21/1950	1.82 21/1950	2.45 17-18/1945	
Oct.	0.50 15/1942	0.91 9/1950	1.05 9/1950	1.83 15/1942	2.90 15/1942	4.77 14-15/1942	
Nov.	0.32 3/1947	0.57 3/1947	0.70 3/1947	1.23 25/1950	1.58 24-25/1950	1.79 24-25/1950	
Dec.	0.43 7/1950	0.73 7/1950	0.88 7/1950	1.09 7/1950	1.38 11/1944	1.58 11-12/1944	
Annual	1.98 8/13/49	2.44 8/13-14/49	2.46 8/13-14/49	2.87 7/31/47	2.90 10/15/42	4.77 10/14-15/42	

Station: GLEN ROCK, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: YORK

Lat. 39° 48' N Long. 76° 44' W

Elev.(ft.) 620

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 1/1948	0.65 1/1948	0.90 1/1948	1.43 1/1948	1.93 1/1948	2.28 1-2/1948
Feb.	Amt. Date	0.28 7/1942	0.56 7/1942	0.71 7/1942	1.13 7/1942	1.38 6-7/1942	1.49 6-7/1942
Mar.	Amt. Date	0.66 8/1950	0.78 8/1950	0.83 8/1950	1.19 22/1950	1.40 12-13/1944	1.88 28-29/1942
Apr.	Amt. Date	0.87 30/1947	0.90 30/1947	0.90 30/1947	1.14 30/1947	1.43 19/1943	1.68 19/1943
May	Amt. Date	1.55p 21/1943	2.15p 20-21/1943	2.39 20-21/1943	2.75p 21/1942	3.68p 21/1942	3.88p 20-21/1942
Jun.	Amt. Date	1.37p 28/1946	1.51 20/1950	1.52 20/1950	1.65 20/1950	1.72 1-2/1946	1.93 13-14/1947
Jul.	Amt. Date	1.35p 12/1943	2.25p 12/1943	2.71 12/1943	2.93p 12/1943	2.93p 12/1943	2.93p 12/1943
Aug.	Amt. Date	1.05 16/1947	1.37 16/1947	1.40 16/1947	2.51 8-9/1942	2.97 8-9/1942	3.23 8-9/1942
Sep.	Amt. Date	1.13p 24/1946	1.23p 27/1942	1.45 27/1942	1.55p 27/1942	2.98p 27/1942	4.04p 26-27/1942
Oct.	Amt. Date	0.86 16/1943	0.93 16/1943	1.03 7/1949	1.54 26/1942	2.01p 25-26/1943	3.22p 25-26/1943
Nov.	Amt. Date	0.55 3/1950	0.80 25/1950	1.15 25/1950	1.99 25/1950	2.90 25/1950	3.14 25/1950
Dec.	Amt. Date	0.95 4/1950	1.50 4/1950	2.05 4/1950	2.42 4/1950	2.80 3-4/1950	2.85 3-4/1950
Annual	Amt. Date	1.55p 5/21/43	2.25p 7/12/43	2.71 7/12/43	2.93p 7/12/43	3.68p 5/21/42	4.04p 9/26-27/42

Station: GOODSPRING , PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: SCHUYLKILL

Lat. 40° 38'N Long. 76° 30'W

Elev.(ft.) 1500

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.45 14/1940	0.80 14/1940	0.93 14/1940	1.50 14/1940	1.91 24-25/1938	2.41 24-25/1938
Feb.	Amt. Date	0.37 27/1946	0.62 6/1938	0.70 7/1942	0.88 7/1942	1.24 7/1942	1.52 6-7/1942
Mar.	Amt. Date	0.60 30/1940	1.01 30/1940	1.16 30/1940	1.74 30/1940	1.87E 30/1940	2.13E 29-30/1940
Apr.	Amt. Date	0.43 13/1949	0.70 24/1944	0.80 24/1944	1.12 30/1947	1.34E 19-20/1940	2.14 19-20/1940
May	Amt. Date	1.22 23/1938	1.55p 16/1942	1.85 16/1942	2.52p 16/1942	3.00p 16/1942	3.92p 16-17/1942
Jun.	Amt. Date	1.65p 13/1942	2.25 29/1946	2.48 29/1946	2.68 29/1946	2.83 29/1946	2.87p 18-19/1944
Jul.	Amt. Date	1.98p 21/1938	2.12p 21/1938	2.40 21/1938	3.30p 18-19/1945	3.38p 18-19/1945	3.78p 18-19/1945
Aug.	Amt. Date	1.83p 20/1939	2.04p 26/1941	2.11 26/1941	2.23p 20/1939	2.48 19-20/1950	2.93 19-20/1950
Sep.	Amt. Date	0.93 1/1944	1.26 24/1946	1.40 26-27/1942	2.15p 26-27/1942	2.91p 26-27/1942	4.42p 26-27/1942
Oct.	Amt. Date	1.00p 23/1937	1.40p 23/1937	1.85 23/1937	3.42 23/1937	4.23p 22-23/1937	4.32p 22-23/1937
Nov.	Amt. Date	0.91 6/1948	1.50 6/1948	1.83 6/1948	2.55p 8/1943	4.14p 8/1943	5.36p 8/1943
Dec.	Amt. Date	0.60p 24/1941	0.90 4/1950	1.40 4/1950	2.50 4/1950	3.93 3-4/1950	4.57 3-4/1950
Annual	Amt. Date	1.98p 7/21/38	2.25 6/29/46	2.48 6/29/46	3.42 10/23/37	4.23p 10/22-23/37	5.36p 11/8/43

Station: GREENSBURG, PENNSYLVANIA

Drainage basin: MONONGAHELA

County: WESTMORELAND

Lat. 40° 18' N Long. 79° 30' W

Elev.(ft.) 1225

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.26 30/1939	0.48 30/1939	0.63 30/1939	0.89 30/1939	0.93 30/1939	1.47 30/1939
Feb.	Amt. Date	0.46 13/1940	0.60 6/1938	0.70 6/1938	1.07 6/1938	1.12 6-7/1938	1.37 13-14/1940
Mar.	Amt. Date	0.52p 6/1945	0.88p 6/1945	0.99 6/1945	1.36p 5-6/1945	1.88p 5-6/1945	2.48p 5-6/1945
Apr.	Amt. Date	0.69 27/1948	0.90p 3/1940	1.00 3/1940	1.33p 3/1940	1.93p 8-9/1942	2.40p 8-9/1942
May	Amt. Date	0.86 29/1941	0.96 18/1940	1.01 29/1941	1.68 29/1941	1.88 26-27/1946	1.93 26-27/1946
Jun.	Amt. Date	1.12p 10/1938	1.80p 10/1938	1.94 10/1938	2.45p 4-5/1941	2.75 4-5/1941	3.56p 4-5/1941
Jul.	Amt. Date	1.57p 4/1941	2.26p 30/1941	2.29 30/1941	2.32p 30/1941	2.43 30-31/1941	2.66p 3-4/1941
Aug.	Amt. Date	1.13p 21/1944	1.55 26/1941	1.78 26/1941	1.84p 13/1943	1.84p 13/1943	1.84p 13/1943
Sep.	Amt. Date	0.83p 27/1945	0.87p 27/1945	0.88 27/1945	0.99 8/1940	1.30 17-18/1945	1.95 17-18/1945
Oct.	Amt. Date	0.44 25/1946	0.69 31/1942	0.74 31/1942	1.03 31/1942	1.75p 20/1944	2.60p 14/1942
Nov.	Amt. Date	0.38 26/1940	0.50 26/1940	0.80 26/1940	1.14 26/1940	1.32 4/1950	1.82 24-25/1950
Dec.	Amt. Date	0.36 29/1942	0.59 29/1942	0.72 29/1942	1.13 29/1942	1.75 29-30/1942	2.12 29-30/1942
Annual	Amt. Date	1.57p 7/4/41	2.26p 7/30/41	2.29 7/30/41	2.45p 6/4-5/41	2.75 6/4-5/41	3.56p 6/4-5/41

Station: HARRISBURG WB AP, PENNSYLVANIA\*

Drainage basin: SUSQUEHANNA

County: YORK

Lat. 40° 13'N Long. 76° 51'W

Elev.(ft.) 355

Period of record: 1937-1950 ONLY\*\*

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.47x 30/1939	0.71x 30/1939	0.91 30/1939	1.30 30/1939	1.50 16/1945	1.94 3-4/1944
Feb.	Amt. Date	0.72x 21/1937	0.89 21/1937	1.06w 21/1937	1.36 21-22/1937	1.60 6-7/1942	1.76 6-7/1942
Mar.	Amt. Date	0.49 31/1948	0.90 31-1/1948	1.18 31-1/1948	1.39 31-1/1948	1.60 14-15/1940	1.72 14-15/1940
Apr.	Amt. Date	0.52 24/1944	0.90 31-1/1948	1.18 31-1/1948	1.39 31-1/1948	1.48 31-1/1948	2.18 19-20/1940
May	Amt. Date	1.25 6/1942	1.47 6-7/1942	1.80 7/1944	1.98 6-7/1944	3.08 6-7/1944	3.11 6-7/1944
Jun.	Amt. Date	1.24w 1/1944	1.51w 18/1937	1.52 12/1942	1.70 9/1937	2.55 1-2/1946	2.81 1-2/1946
Jul.	Amt. Date	1.59w 18/1945	2.11w 18/1945	2.57w 18/1945	3.51 18-19/1945	3.51 18-19/1945	3.91x 18-19/1945
Aug.	Amt. Date	1.50w 3/1939	1.51w 3/1939	1.71w 12/1937	1.71 12/1937	1.81 24/1945	2.82 30-31/1940
Sep.	Amt. Date	0.71 13/1944	0.91w 9/1945	1.04w 9/1945	1.19 25/1940	1.49 25/1940	1.78 17-18/1945
Oct.	Amt. Date	0.59 7/1940	0.71 26/1946	0.90 7/1940	1.56 21-22/1937	1.84 21-22/1937	2.62 25-26/1943
Nov.	Amt. Date	0.72x 5/1948	0.95x 5/1938	1.28 8/1947	1.79 8/1943	2.63 12-13/1937	3.49x 12-13/1937
Dec.	Amt. Date	0.48 4/1950	0.83 4/1950	1.10 4/1950	1.45 4/1950	1.97 3-4/1950	2.01 3-4/1950
Annual	Amt. Date	1.59w 7/18/45	2.11w 7/18/45	2.57w 7/18/45	3.51 7/18-19/45	3.51 7/18-19/45	3.91x 7/18-19/45

\*Formerly Harrisburg WB City, Pennsylvania.

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



Station: HARRISBURG WB AP, PENNSYLVANIA\*

Drainage basin: SUSQUEHANNA

County: YORK

Lat. 40° 13'N Long. 76° 51'W

Elev.(ft.) 355

Period of record: 1897-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.62 11/1924	0.95 16/1924	1.15 16/1924	1.67 16/1924	2.03 16/1924	2.32x 11-12/1915
Feb.	Amt. Date	0.72x 21/1937	0.89 21/1937	1.06w 21/1937	1.36 21-22/1937	1.66 13-14/1936	2.59x 4-5/1920
Mar.	Amt. Date	0.67x 27/1913	0.90 31-1/1948	1.18 31-1/1948	1.69 27/1913	2.15 26-27/1913	2.37x 26-27/1913
Apr.	Amt. Date	0.57x 14/1906	0.90 31-1/1948	1.18 31-1/1948	1.51 14-15/1906	2.24 27-28/1928	2.99x 27-28/1928
May	Amt. Date	1.75x 24/1910	1.84x 24/1910	1.85 24/1910	2.63 2/1929	3.08 6-7/1944	3.11 6-7/1944
Jun.	Amt. Date	1.44w 7/1931	1.79 7/1931	1.90 7/1931	2.01 7/1931	2.55 1-2/1946	2.92x 27-28/1925
Jul.	Amt. Date	2.10x 2/1924	2.18x 2/1924	2.57w 18/1945	3.51 18-19/1945	3.51 18-19/1945	3.91x 18-19/1945
Aug.	Amt. Date	2.42x 18/1920	2.86w 21/1915	3.38 21/1915	4.22 21-22/1915	4.32 23/1933	5.28x 23-24/1933
Sep.	Amt. Date	1.87x 10/1907	2.62x 10/1907	3.54x 10/1907	4.36x 10-11/1907	4.92x 14-15/1916	5.14x 14-15/1916
Oct.	Amt. Date	1.21w 19/1898	1.51x 3/1927	2.12 3/1927	2.34 3-4/1927	3.21 2/1929	4.08x 1-2/1929
Nov.	Amt. Date	0.72x 5/1948	0.95x 5/1938	1.28 8/1947	1.79 8/1943	2.63 12-13/1937	3.49x 12-13/1937
Dec.	Amt. Date	1.14x 1/1934	1.70x 1/1934	1.93 1/1934	2.19 1/1934	2.67 1/1934	3.20 30-1/1934
Annual	Amt. Date	2.42x 8/18/20	2.86w 8/21/15	3.54x 9/10/07	4.36x 9/10-11/07	4.92x 9/14-15/16	5.28x 8/23-24/33

\*Formerly Harrisburg WB City, Pennsylvania

**Station: HAWLEY, PENNSYLVANIA\***

**Drainage basin: DELAWARE**

**County: WAYNE**

**Lat. 41° 28'N Long. 75° 11'W**

**Elev.(ft.) 1180**

**Period of record: 1937-1950\*\***

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.36 16/1945	0.48 16/1945	0.58 16/1945	0.96 16/1945	1.21 16/1945	1.31 15-16/1945
Feb.	Amt. Date	0.39 22/1937	0.58 22/1937	0.74 21-22/1937	1.03 21-22/1937	1.40 21-22/1937	1.45 21-22/1937
Mar.	Amt. Date	0.35 21/1948	0.61 21/1948	0.72 9/1950	0.90 9/1950	1.39 21/1950	1.59 20-21/1950
Apr.	Amt. Date	0.50 5/1947	0.72 5/1947	1.00 5/1947	1.72 5/1947	2.46 5/1947	2.70 4-5/1947
May	Amt. Date	0.67 21/1947	1.03 24/1948	1.33 24/1948	1.93 24/1948	2.01 24/1948	2.17 24/1948
Jun.	Amt. Date	0.94 21/1937	1.54 21/1937	1.66 21/1937	1.66 21/1937	1.71 21/1937	1.78 1-2/1946
Jul.	Amt. Date	1.00 17/1947	1.30 17/1947	1.40 17/1947	1.88 16-17/1947	3.30 16-17/1947	3.57 16-17/1947
Aug.	Amt. Date	1.23 24/1939	1.66 24/1939	1.96 24/1939	2.01 24/1939	2.55 24/1939	2.65 23-24/1945
Sep.	Amt. Date	0.66 10/1945	1.07 21/1946	1.37 21/1946	2.12 21/1946	2.65 27/1942	3.77 26-27/1942
Oct.	Amt. Date	0.57 5/1942	0.79 5/1942	0.91 5/1942	1.00 5/1942	1.40 23/1937	1.82 22-23/1937
Nov.	Amt. Date	1.31 25/1950	1.53 25/1950	1.73 25/1950	2.53 25/1950	3.69 25/1950	4.19 24-25/1950
Dec.	Amt. Date	0.70 4/1950	1.00 4/1950	1.25 4/1950	1.73 4/1950	2.18 4/1950	2.47 4/1950
Annual	Amt. Date	1.31 11/25/50	1.66 8/24/39	1.96 8/24/39	2.53 11/25/50	3.69 11/25/50	4.19 11/24-25/50

\*Formerly Wallenpaupack, Pennsylvania.

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



Station: HAWLEY, PENNSYLVANIA\*

Drainage basin: DELAWARE

County: WAYNE

Lat. 41° 28' N Long. 75° 11' W

Elev.(ft.) 1180

Period of record: 1930-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.36 16/1945	0.48 16/1945	0.58 16/1945	0.96 16/1945	1.21 16/1945	1.31 15-16/1945
Feb.	Amt. Date	0.40 10/1932	0.72 10/1932	0.98 10/1932	1.24 10-11/1932	1.40 21-22/1937	1.45 21-22/1937
Mar.	Amt. Date	0.38 19/1936	0.61 21/1948	0.72 9/1950	0.90 9/1950	1.39 21/1950	1.59 20-21/1950
Apr.	Amt. Date	0.50 5/1947	0.72 5/1947	1.00 5/1947	1.72 5/1947	2.46 5/1947	2.70 4-5/1947
May	Amt. Date	0.67 21/1947	1.03 24/1948	1.33 24/1948	1.93 24/1948	2.01 24/1948	2.17 24/1948
Jun.	Amt. Date	0.94 21/1937	1.54 21/1937	1.66 21/1937	1.66 21/1937	1.71 21/1937	1.78 1-2/1946
Jul.	Amt. Date	1.04 1/1933	1.30 17/1947	1.40 17/1947	1.88 16-17/1947	3.30 16-17/1947	3.57 16-17/1947
Aug.	Amt. Date	1.23 24/1939	1.66 24/1939	1.96 24/1939	2.01 24/1939	2.55 24/1939	2.65 23-24/1945
Sep.	Amt. Date	0.69 3/1933	1.07 21/1946	1.37 21/1946	2.12 21/1946	2.65 27/1942	3.77 26-27/1942
Oct.	Amt. Date	0.86 30/1935	0.98 30/1935	1.20 6/1932	2.20 5-6/1932	3.05 5-6/1932	3.79 5-6/1932
Nov.	Amt. Date	1.31 25/1950	1.53 25/1950	1.73 25/1950	2.53 25/1950	3.69 25/1950	4.19 24-25/1950
Dec.	Amt. Date	0.70 4/1950	1.00 4/1950	1.25 4/1950	1.73 4/1950	2.18 4/1950	2.47 4/1950
Annual	Amt. Date	1.31 11/25/50	1.66 8/24/39	1.96 8/24/39	2.53 11/25/50	3.69 11/25/50	4.19 11/24-25/50

\*Formerly Wallenpaupack, Pennsylvania.

Station: HEWITT, PENNSYLVANIA

Drainage basin: POTOMAC

County: BEDFORD

Lat. 39° 44' N Long. 78° 32' W

Elev.(ft.)840

Period of record: 1940-MAY 1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.29 1/1948	0.54 1/1948	0.77 1/1948	1.46 1/1948	1.85 1/1948	1.94 1-2/1948
Feb.	Amt. Date	0.19 13/1945	0.36 9/1950	0.46 9/1950	0.61 20/1947	0.89 20/1947	0.94 20-21/1947
Mar.	Amt. Date	0.27 23/1948	0.52 23/1948	0.60 14-15/1946	0.82 12/1944	1.24 6/1943	1.36 6/1943
Apr.	Amt. Date	0.40 27/1948	0.58 25/1945	0.79 27/1948	0.92a 25/1945	1.19 12/1948	1.44 18-19/1943
May	Amt. Date	0.81 22/1949	1.33 22/1949	1.59 22/1949	1.60 22/1949	1.69 22/1949	1.94 30-31/1940
Jun.	Amt. Date	1.20 25/1945	1.35 25/1945	1.42 25/1945	1.42 25/1945	1.94 19/1946	2.05 19/1946
Jul.	Amt. Date	1.20 30/1945	2.05 30/1945	2.05 30/1945	2.05 30/1945	2.05 30/1945	2.49 30-31/1945
Aug.	Amt. Date	1.57 15/1949	1.61 15/1949	1.61 15/1949	1.64 18/1949	2.18 23-24/1945	2.75 23-24/1945
Sep.	Amt. Date	0.69 8/1942	0.72 8/1942	0.76 17/1945	1.27 17/1945	1.77 17/1945	2.52 17-18/1945
Oct.	Amt. Date	0.48 25/1946	0.93 25/1946	1.15 25/1946	1.48 25-26/1946	1.88 15/1942	3.32 14-15/1942
Nov.	Amt. Date	0.34 3/1947	0.45 6/1948	0.67 6/1948	0.97 6/1948	1.15 1-2/1940	1.37 1-2/1940
Dec.	Amt. Date	0.31 26/1940	0.59 26/1940	0.71 26/1940	0.85 25-26/1940	1.06 29-30/1942	1.46 29-30/1942
Annual	Amt. Date	1.57 8/15/49	2.05 7/30/45	2.05 7/30/45	2.05 7/30/45	2.18 8/23-24/45	3.32 10/14-15/42

a Also 27/1948.

Station: HOLLIDAYSBURG, PENNSYLVANIA

Drainage basin: JUNIATA

County: BLAIR

Lat. 40° 26'N Long. 78° 24'W

Elev.(ft.) 1000

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.33 30/1939	0.54 30/1939	0.74 30/1939	1.05 30/1939	1.14 29-30/1939	1.69 3-4/1944
Feb.	Amt. Date	0.26 22/1949	0.44 26/1939	0.54 26/1939	0.80 28/1939	0.97 26/1939	1.39 13-14/1940
Mar.	Amt. Date	0.60p 6/1945	0.80p 6/1945	0.97 6/1945	1.31p 6/1945	1.50p 30/1940	2.20p 6/1945
Apr.	Amt. Date	0.57 18/1939	0.61a 18/1939	0.70 18/1939	1.13p 9/1942	1.77 11-12/1948	2.10 8-9/1942
May	Amt. Date	0.85p 11/1943	1.17p 11/1943	1.24 11/1943	1.35p 11/1943	1.53p 11-12/1943	1.77p 11-12/1943
Jun.	Amt. Date	1.35p 11/1946	1.86p 11/1946	1.87 11/1946	2.29p 11-12/1946	2.51 11-12/1946	2.89 18-19/1948
Jul.	Amt. Date	1.10p 22/1943	1.26 12/1949	1.63 12/1949	2.24 12/1949	2.73 12/1949	2.73 12/1949
Aug.	Amt. Date	1.64p 13/1940	1.91p 13/1940	2.03 22/1937	2.26 22/1937	2.60p 3-4/1939	2.68p 3-4/1939
Sep.	Amt. Date	0.64 24/1946	1.07 7/1948	1.13 7/1948	1.16 24/1946	1.27 26-27/1942	1.74 26-27/1942
Oct.	Amt. Date	0.50 9/1950	0.85 9/1950	0.93b 25/1946	1.14 25-26/1946	1.65 20-21/1944	2.26p 20-21/1944
Nov.	Amt. Date	0.55 25/1950	1.07 25/1950	1.42 25/1950	2.32 25/1950	3.40 24-25/1950	3.99 24-25/1950
Dec.	Amt. Date	0.52p 24/1941	0.75p 24/1941	0.94 24/1941	1.39 24/1941	1.66p 23-24/1941	1.99 29-30/1942
Annual	Amt. Date	1.64p 8/13/40	1.91p 8/13/40	2.03 8/22/37	2.32 11/25/50	3.40 11/24-25/50	3.99 11/24-25/50

a Also 4/1945.      b Also 9/1950.

**Station: HOLTWOOD, PENNSYLVANIA**

**Drainage basin: SUSQUEHANNA**

**County: LANCASTER**

**Lat. 39° 50'N Long. 76° 20'W**

**Elev.(ft.) 200**

**Period of record: 1941-1950**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.42 1/1945	0.74 1/1945	0.85 1/1945	1.38 1/1948	1.68 1/1948	2.03 1-2/1948
Feb.	Amt. Date	0.20 9/1950	0.36 7/1942	0.50a 7/1942	0.75 9/1950	1.13 20/1947	1.70 20-21/1947
Mar.	Amt. Date	0.46 17/1943	0.59 22/1950	0.81 22/1950	1.35 22-23/1950	1.48 22-23/1950	1.57 22-23/1950
Apr.	Amt. Date	0.40 13/1948	0.76 24/1944	0.84 24/1944	1.19 24/1944	1.34b 19/1943	1.54 19/1943
May	Amt. Date	0.86 17/1946	1.05c 16/1946	1.33 16/1946	1.65 29/1948	2.07 29-30/1948	2.47 16-17/1946
Jun.	Amt. Date	1.01 23/1941	1.65 10/1944	1.65 10/1944	1.65 10/1944	3.00 1-2/1946	3.76 1-2/1946
Jul.	Amt. Date	1.20 7/1947	1.71 11/1943	1.74 11/1943	1.92 11/1943	2.43 12/1949	2.50 12-13/1949
Aug.	Amt. Date	1.60 5/1949	1.92 16/1942	1.92 16/1942	2.46 8-9/1942	3.11 8-9/1942	3.29 8-9/1942
Sep.	Amt. Date	1.53 10/1950	1.55 10/1950	1.68 10/1950	1.75 10/1950	1.98 10-11/1950	2.34 26-27/1942
Oct.	Amt. Date	0.70 26/1943	0.95 23/1950	1.15 26/1943	1.64 26/1943	1.87 26/1943	3.15 25-26/1943
Nov.	Amt. Date	0.65 25/1950	0.95 25/1950	1.17 25/1950	1.69 25/1950	2.51 25/1950	2.80 25/1950
Dec.	Amt. Date	0.51 4/1950	0.74 4/1950	1.05 4/1950	2.01 4/1950	2.59 4/1950	2.67 3-4/1950
Annual	Amt. Date	1.60 8/5/49	1.92 8/16/42	1.92 8/16/42	2.46 8/8-9/42	3.11 8/8-9/42	3.76 6/1-2/46

a Also 9/1950.      b Also 24/1944.      c Also 29/1948.

Station: HOME, PENNSYLVANIA

Drainage basin: ALLEGHENY

County: INDIANA

Lat. 40° 45'N Long. 79° 06'W

Elev.(ft.) 1260

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.31 10/1950	0.51 30/1939	0.68 30/1939	1.00a 30/1939	1.19 10/1950	1.50 10/1950
Feb.	Amt. Date	0.30 22/1949	0.40 22/1949	0.50 22/1949	0.65 15/1939	0.95 19-20/1949	1.29 26-27/1945
Mar.	Amt. Date	0.56 19/1945	0.94 19/1945	0.95 19/1945	1.09 19/1945	1.34 6/1945	1.91 6/1945
Apr.	Amt. Date	0.71 27/1948	0.82 27/1948	1.16 27/1948	1.35 11/1948	1.78 11-12/1948	2.39 11-12/1948
May	Amt. Date	0.73p 26/1940	0.91p 26/1940	0.91 26/1940	1.21 26/1940	1.31 26-27/1940	1.52 5-6/1944
Jun.	Amt. Date	1.75p 7/1942	1.96p 7/1942	2.00 7/1942	2.33p 22/1939	2.41p 22/1939	2.50p 22-23/1939
Jul.	Amt. Date	2.03 5/1950	2.30 5/1950	2.40 5/1950	2.56 5/1950	2.58 5/1950	2.92 12-13/1948
Aug.	Amt. Date	1.38p 15/1941	1.86p 15/1941	2.00 15/1941	2.86p 30/1945	2.86p 30/1945	2.86p 30/1945
Sep.	Amt. Date	0.82 23/1946	1.31 23/1946	1.38 23/1946	1.49 23/1946	1.51 23/1946	1.72 17-18/1945
Oct.	Amt. Date	0.42 6/1941	0.67 2/1945	0.80 2/1945	1.08 31/1942	1.28p 20-21/1944	1.80p 20-21/1944
Nov.	Amt. Date	0.45 15/1944	0.62 15/1944	0.62 15/1944	0.84 31-1/1942	1.27 31-1/1942	1.35 31-1/1942
Dec.	Amt. Date	0.22 29/1946	0.33b 30/1942	0.50 29/1948	0.76c 29-30/1942	1.38 29-30/1942	1.79 29-30/1942
Annual	Amt. Date	2.08 7/5/50	2.30 7/5/50	2.40 7/5/50	2.86p 8/30/45	2.86p 8/30/45	2.92 7/12-13/48

a Also 10/1950.

b Also 8/1944 and 29/1948.

c Also 29/1948.

Station: HONESDALE, PENNSYLVANIA \*

Drainage basin: DELAWARE

County: WAYNE

Lat. 41° 39'N Long. 75° 17'W

Elev.(ft.) 1060

Period of record: 1940- AUGUST 1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.22 16/1945	0.41 16/1945	0.56 16/1945	0.98 16/1945	1.27 16/1945	1.60 1-2/1948
Feb.	Amt. Date	0.22 26/1945	0.40 20/1946	0.55 19-20/1946	0.79 7/1941	1.14 7/1941	1.61 13-14/1950
Mar.	Amt. Date	0.54 21/1948	0.71 21/1948	0.75 21/1948	0.93 8/1950	1.20 21/1950	1.22 21/1950
Apr.	Amt. Date	0.49 30/1947	0.83 2/1945	0.92 5/1947	1.59 5/1947	2.35 5/1947	2.63 4-5/1947
May	Amt. Date	1.15 22/1942	2.20 22/1942	2.92 22/1942	4.30 22/1942	5.03 22-23/1942	5.11 22-23/1942
Jun.	Amt. Date	0.86 19/1948	1.15 19/1948	1.15 19/1948	1.17 18-19/1944	1.58 18-19/1944	1.74 4-5/1941
Jul.	Amt. Date	1.55 7/1947	2.52 7/1947	3.24 28/1945	3.82 7/1947	4.67 7-8/1947	5.20 7-8/1947
Aug.	Amt. Date	0.95 31/1949	1.20 31/1949	1.30 31/1949	1.69 7/1946	2.17 31/1940	3.23 31-1/1940
Sep.	Amt. Date	0.57 24/1946	0.77 21/1946	0.97 21/1946	1.54 24/1946	1.73a 27/1942	3.23 31-1/1940
Oct.	Amt. Date	0.56 16/1943	0.67 26/1943	0.90 26/1943	1.60 26/1943	2.43 26/1943	2.87 26/1943
Nov.	Amt. Date	0.43 6/1948	0.63b 8/1943	0.90 6/1948	1.43 8/1943	2.13 8/1943	2.50 8-9/1943
Dec.	Amt. Date	0.27 24/1941	0.43 24/1941	0.55 24/1941	0.88 29-30/1942	1.38 29-30/1942	2.43 29-30/1942
Annual	Amt. Date	1.55 7/7/47	2.52 7/7/47	3.24 7/28/45	4.30 5/22/42	5.03 5/22-23/42	5.20 7/7-8/47

\*Formerly Tanners Falls, Pennsylvania.

a Also 21/1946. b Also 8/1947.

Station: HUNTSDALE, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: CUMBERLAND

Lat. 40° 06'N Long. 77° 19'W

Elev.(ft.) 620

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.33 19/1942	0.47 14/1940	0.67 14/1940	1.18 14/1940	1.56 3/1944	2.29 3-4/1944
Feb.	Amt. Date	0.24 28/1939	0.46 28/1939	0.56 28/1939	0.81 28/1939	1.15 14/1940	1.43 18-19/1940
Mar.	Amt. Date	0.51 22/1950	0.90 22/1950	1.08 22/1950	1.53 22/1950	1.93 22-23/1950	2.74 28-29/1942
Apr.	Amt. Date	0.52 27/1950	0.76 3/1940	0.84 3/1940	1.07 30/1947	1.49 19-20/1940	2.20p 19-20/1940
May	Amt. Date	1.02 22/1949	1.45 29/1947	1.48 29/1947	1.48 29/1947	1.91p 6-7/1944	2.21 21-22/1942
Jun.	Amt. Date	1.47 14/1946	2.15 14/1946	2.52 14/1946	2.82 14/1946	2.94 14/1946	2.94 14/1946
Jul.	Amt. Date	2.70 22/1948	2.74 22/1948	2.77 22/1948	2.77 22/1948	2.77 22/1948	2.80 22-23/1948
Aug.	Amt. Date	1.58p 4/1943	1.71p 12/1937	1.71 12/1937	1.82 6/1946	2.02 6/1946	3.11p 16-17/1942
Sep.	Amt. Date	0.78 2/1950	0.90 2/1950	0.92 2/1950	1.10 25/1940	1.52 17/1945	2.77p 17-18/1945
Oct.	Amt. Date	0.45 12/1946	0.71 12/1946	0.93 20/1944	1.32 20/1944	1.95p 26/1943	2.92p 25-26/1943
Nov.	Amt. Date	0.72 25/1950	0.98 25/1950	1.20 25/1950	1.60 25/1950	2.35p 12-13/1937	2.91p 12-13/1937
Dec.	Amt. Date	0.70p 5/1938	0.91p 5/1938	0.91p 5/1938	1.02 24/1941	1.46 13/1941	1.73 29-30/1942
Annual	Amt. Date	2.70 7/22/48	2.74 7/22/48	2.77 7/22/48	2.82 6/14/46	2.94 6/14/46	3.11p 8/16-17/42



Station: INDIANA, PENNSYLVANIA

Drainage basin: CONEMAUGH

County: INDIANA

Lat. 40° 36'N Long. 79° 07'W

Elev.(ft.) 1102

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 19/1943	0.50 30/1939	0.70 30/1939	0.96 30/1939	1.00 3/1944	1.48 30-31/1939
Feb.	Amt. Date	0.29 26/1939	0.44 26/1939	0.51 26/1939	0.80 6/1938	0.80a 6/1938	1.08 22/1950
Mar.	Amt. Date	0.43 16/1942	0.70 16/1942	0.75 16/1942	0.91 14-15/1946	0.99 14-15/1946	1.20 29-30/1940
Apr.	Amt. Date	0.61p 28/1942	0.84p 28/1942	1.01 28/1942	1.38 11-12/1948	2.04 11-12/1948	2.51 11-12/1948
May	Amt. Date	0.73p 20/1942	0.87 26/1940	0.90 26/1940	1.32 26/1940	1.76 11/1943	1.80b 11-12/1943
Jun.	Amt. Date	2.12p 27/1946	2.22p 27/1946	2.40 19/1948	2.83 18-19/1948	2.87 18-19/1948	4.12 18-19/1948
Jul.	Amt. Date	1.63 15/1947	1.68 15/1947	1.70 15/1947	2.10p 12/1944	2.10p 12/1944	2.10p 12/1944
Aug.	Amt. Date	1.26p 26/1941	1.44c 1/1946	1.50 15/1941	1.60p 15/1941	1.84 1-2/1946	2.40 19-20/1947
Sep.	Amt. Date	0.85 10/1941	0.86 10/1941	1.06 10/1941	1.20p 17-18/1945	1.60p 17-18/1945	1.96p 17-18/1945
Oct.	Amt. Date	0.50 7/1944	0.75 31/1942	0.80 31/1942	1.11 31/1942	1.48p 27/1939	1.87 14-15/1942
Nov.	Amt. Date	0.32 25/1950	0.60 20/1950	0.83 25/1950	1.26 25/1950	1.78 24-25/1950	2.10 24-25/1950
Dec.	Amt. Date	0.36p 29/1942	0.62p 29/1942	0.72 29/1942	1.04p 29/1942	1.65p 29-30/1942	2.02p 29-30/1942
Annual	Amt. Date	2.12p 6/27/46	2.22p 6/27/46	2.40 6/19/48	2.83 6/18-19/48	2.87 6/18-19/48	4.12 6/18-19/48

a Also 8-9/1950.

b Also 5-6/1944.

c Also 19/1947.



Station: JACKSON SUMMIT, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: TIOGA

Lat. 41° 57' N Long. 77° 01' W

Elev.(ft.) 1675

Period of record: 1939-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.24 30/1947	0.43 2/1948	0.57 2/1948	0.75 2/1948	0.84 2/1948	1.49 1-2/1948
Feb.	Amt. Date	0.30 22/1944	0.46 22/1944	0.46 22/1944	0.56a 14/1940	0.90 13-14/1945	1.27 13-14/1940
Mar.	Amt. Date	0.78 21/1948	1.03 21/1948	1.73 21/1948	1.83 21/1948	2.03 21/1948	2.05 21/1948
Apr.	Amt. Date	0.35 5/1947	0.54 5/1947	0.74 5/1947	1.20 5/1947	1.46 5/1947	1.69 5/1941
May	Amt. Date	0.56b 22/1942	0.90 21/1947	1.01 21-22/1947	1.40 27/1946	1.97 27/1946	2.91 26-27/1946
Jun.	Amt. Date	1.16 20/1949	1.20 18-19/1944	1.62 18-19/1944	1.72 18-19/1944	1.94 18-19/1944	1.94 18-19/1944
Jul.	Amt. Date	1.16 23/1940	1.62 23/1940	2.06 23/1940	2.27 23/1940	3.08 17-18/1942	3.10 17-18/1942
Aug.	Amt. Date	2.55 9/1947	2.69 9/1947	2.70 9/1947	2.70 9/1947	2.70 9/1947	3.32 18-19/1950
Sep.	Amt. Date	0.96 2/1947	1.00 2/1947	1.36 2/1947	1.36 2/1947	1.36 2/1947	1.80 26-27/1942
Oct.	Amt. Date	0.60 8/1939	0.71 8/1939	0.76 9/1950	1.05 15-16/1943	1.32 8/1939	1.77 9-10/1950
Nov.	Amt. Date	0.36c 6/1948	0.56 6/1948	0.68 25/1950	1.24 25/1950	1.75 25/1950	1.85 25/1950
Dec.	Amt. Date	0.37 24/1941	0.60 24/1941	0.96 24/1941	1.13 24/1941	1.24 23-24/1941	1.49 30/1942
Annual	Amt. Date	2.55 8/9/47	2.69 8/9/47	2.70 8/9/47	2.70 8/9/47	3.08 7/17-18/42	3.32 8/18-19/50

File No. 50028- a Also 13/1945. b Also 18/1950. c Also 4/1950.

Station: JAMESTOWN, PENNSYLVANIA \*

Drainage basin: BEAVER

County: CRAWFORD

Lat. 41° 30'N Long. 80° 28'W

Elev.(ft.) 1050

Period of record: 1937-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.32a 1/1942	0.39 24/1950	0.51 30/1939	0.74 30/1939	1.09 15/1950	1.15 29-30/1939	
Feb.	0.29 12/1938	0.53 26/1944	0.57 26/1944	0.69 18/1940	1.07 13/1950	1.60 13-14/1950	
Mar.	1.11p 21/1945	1.15p 21/1945	1.18E 21/1945	1.34p 21/1945	1.68p 21/1945	1.93p 21/1945	
Apr.	1.08p 24/1944	1.23p 24/1944	1.31 24/1944	1.39 27/1948	1.58 27/1948	1.88p 19-20/1940	
May	0.90 15/1942	1.02 15/1942	1.30 15/1942	1.65p 15-16/1942	2.04p 15-16/1942	2.42 15-16/1942	
Jun.	1.10p 11/1940	1.63p 23/1944	1.64 23/1944	1.64p 23/1944	1.91 3/1950	2.00 3/1950	
Jul.	1.54 17/1947	2.04 14/1947	2.17 17/1947	2.19 14/1947	2.22 17/1947	3.56 16-17/1947	
Aug.	1.98p 17/1946	2.31p 17/1946	2.32 17/1946	3.14p 25-26/1941	3.17p 25-26/1941	3.45p 25-26/1941	
Sep.	2.50 19/1948	2.76 19/1948	3.01 19/1948	3.01 19/1948	3.01 19/1948	3.77 18-19/1948	
Oct.	0.51 7/1941	0.82 7/1941	0.89 15/1943	1.40p 15/1943	1.71p 18/1937	2.02 11-12/1946	
Nov.	0.54 17/1945	0.65 17/1945	0.68 17/1945	0.86 20/1950	0.97 20/1950	1.21 17-18/1945	
Dec.	0.32 29/1942	0.35 29/1942	0.48 17/1937	0.78 17/1937	1.00 17-18/1937	1.20 17-18/1937	
Annual	2.50 9/19/48	2.76 9/19/48	3.01 9/19/48	3.14p 8/25-26/41	3.17p 8/25-26/41	3.77 9/18-19/48	

\*Formerly Pymatuning Dam, Pennsylvania.

a Also 24/1950.

**Station:** JOHNSTOWN, PENNSYLVANIA

**Drainage basin:** CONEMAUGH

**County:** CAMBRIA

**Lat.** 40° 19'N **Long.** 78° 55'W

**Elev.(ft.)** 1275

**Period of record:** 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.31 18/1943	0.41a 30/1939	0.58 30/1939	0.97 30/1939	1.06 30/1939	1.55 3/1944
Feb.	Amt. Date	0.35 6/1938	0.61 6/1938	0.67 6/1938	0.90 6/1938	1.37 4-5/1942	1.55 4-5/1942
Mar.	Amt. Date	0.58 16/1942	0.82 6/1945	1.12 6/1945	1.63 6/1945	2.19 6/1945	2.75 6/1945
Apr.	Amt. Date	0.51 27/1948	0.69 9/1942	1.03 9/1942	1.84 9/1942	2.65 9/1942	3.12 8-9/1942
May	Amt. Date	1.20 15/1949	1.21 15/1949	1.38 25/1950	1.90 25/1950	2.28 25-26/1950	2.30 25-26/1950
Jun.	Amt. Date	0.88 17/1950	1.08 16/1943	1.08 16/1943	1.22b 2/1946	2.02 1-2/1946	2.52 7/1947
Jul.	Amt. Date	2.62 28/1945	4.08 28/1945	4.14 28/1945	4.29 28/1945	4.42 28/1945	4.48 28-29/1945
Aug.	Amt. Date	1.69 1/1946	2.18 1/1946	2.25 1/1946	2.41 1/1946	2.81 1-2/1946	3.34 23-24/1945
Sep.	Amt. Date	1.03 4/1937	1.13 4/1937	1.21 4/1937	1.71 4/1937	1.85 4/1937	2.49 4-5/1937
Oct.	Amt. Date	0.47 21/1942	0.68 25/1946	0.82 25/1946	1.17 25/1946	1.75 27/1939	2.01 27-28/1939
Nov.	Amt. Date	0.35 26/1940	0.54 26/1940	0.80 26/1940	1.33 25/1950	2.12 24-25/1950	2.37 24-25/1950
Dec.	Amt. Date	0.30 24/1941	0.41 29/1942	0.54 29/1942	0.84 24/1941	1.20 29-30/1942	1.60 29-30/1942
Annual	Amt. Date	2.62 7/28/45	4.08 7/28/45	4.14 7/28/45	4.29 7/28/45	4.42 7/28/45	4.48 7/28-29/45

a Also 3/1944.      b Also 24/1950.

Station: KANE, PENNSYLVANIA

Drainage basin: ALLEGHENY

County: MCKEAN

Lat. 41° 41'N Long. 78° 48'W

Elev.(ft.) 1750

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.18 24/1949	0.33 15/1947	0.45 15/1947	0.77 30/1947	1.05 30/1947	1.19 2-3/1947
Feb.	Amt. Date	0.41 22/1944	0.44 22/1944	0.51 22/1945	0.89 22/1945	1.33 21-22/1945	1.79 13-14/1950
Mar.	Amt. Date	0.46 19/1948	0.63 21/1948	0.70 21/1948	1.13 21/1948	1.44 21/1948	1.85 5/1938
Apr.	Amt. Date	0.59 18/1940	0.80 18/1938	0.94 5/1947	1.37 5/1947	1.63 4-5/1945	1.75 17-18/1940
May	Amt. Date	0.78 29/1947	1.00 27/1946	1.30 27/1946	1.65 25/1943	2.49 27-28/1946	3.94 27-28/1946
Jun.	Amt. Date	1.07 14/1941	1.40 2/1947	1.61 2/1947	2.01 2/1947	2.35 2-3/1947	2.53 26-27/1938
Jul.	Amt. Date	1.78 11/1941	1.79 11/1941	1.79 11/1941	2.61 14/1945	2.67 14/1945	2.95 18/1942
Aug.	Amt. Date	1.13 16/1948	1.38 13/1943	1.38 13/1943	1.44 17-18/1949	2.26 13/1943	2.33 18-19/1950
Sep.	Amt. Date	0.85 14/1938	1.50 14/1938	1.63 14/1938	2.00 14/1938	2.99 14/1938	3.01 14-15/1938
Oct.	Amt. Date	0.70 8/1939	1.01 8/1939	1.03 8/1939	1.03 8/1939	1.35 12/1946	1.78 8/1939
Nov.	Amt. Date	0.32 15/1944	0.49 15/1944	0.67 20/1950	1.05 25/1950	1.66E 25/1950	2.87E 25/1950
Dec.	Amt. Date	0.35 24/1941	0.41 12/1940	0.62 27/1940	0.77a 27-28/1940	1.07 27-28/1940	1.51E 29-30/1942
Annual	Amt. Date	1.78 7/11/41	1.79 7/11/41	1.79 7/11/41	2.61 7/14/45	2.99 9/14/38	3.94 5/27-28/46

a Also 11/1944.

Station: KIRKWOOD, PENNSYLVANIA\*

Drainage basin: SUSQUEHANNA

County: LANCASTER

Lat. 39° 51'N Long. 76° 05'W

Elev.(ft.) 430

Period of record: 1940-1948

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.33 1/1945	0.55 1/1945	0.78 1/1948	1.23 1/1948	1.64 1/1948	1.86 1-2/1948	
Feb.	0.20a 26/1945	0.39 6/1946	0.51 26/1945	0.70 26/1945	0.76 6-7/1942	0.94 26-27/1945	
Mar.	0.34 3/1942	0.57b 3/1942	0.74 3/1942	0.99 12-13/1944	1.22 12-13/1944	1.31 2/1940	
Apr.	0.43c 19/1940	0.84 19/1940	1.07 19/1940	1.51 19/1940	1.80 8/1940	2.08 19/1940	
May	1.58 22/1942	3.11 22/1942	3.70 22/1942	5.00 22/1942	5.94 22-23/1942	6.70 22-23/1942	
Jun.	2.19 23/1941	2.21 23/1941	2.21 23/1941	2.21 23/1941	2.44 1-2/1946	3.61 1-2/1946	
Jul.	2.64 17/1940	3.58 17/1940	3.79 17/1940	3.98 17/1940	3.98 17/1940	3.98 17/1940	
Aug.	0.99 25/1941	1.06 25/1941	1.08 25/1941	1.32E 8-9/1942	2.63E 8-9/1942	5.26E 8-9/1942	
Sep.	0.60d 1/1940	1.00 18/1945	1.25 18/1945	1.61 18/1945	1.94 25/1940	2.65 26-27/1942	
Oct.	0.54 26/1942	1.08 26/1942	1.28 26/1942	1.55 26/1942	1.78 26/1942	2.47 25-26/1943	
Nov.	1.08 4/1947	1.30 4/1947	1.38 4/1947	2.00 8/1943	2.50 8-9/1943	2.94 8-9/1943	
Dec.	0.55 24/1941	0.70 24/1941	0.85 13/1941	1.30 13/1941	1.80 13/1941	1.83 12-13/1941	
Annual	2.64 7/17/40	3.58 7/17/40	3.79 7/17/40	5.00 5/22/42	5.94 5/22-23/42	6.70 5/22-23/42	

\*Formerly Lancaster No. 2 SCS 2-A, Pennsylvania

a Also 6/1946 and 4/1947 and 28/1948. b Also 6/1943. c Also 24/1944.

d Also 18/1945.

Station: KYLERTOWN, PENNSYLVANIA

Drainage basin: WEST BRANCH SUSQUEHANNA

County: CLEARFIELD

Lat. 41° 00'N Long. 78° 10'W

Elev.(ft.) 1700

Period of record: 1937-1944

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.28p a 25/1938	0.51p 25/1938	0.60a 25/1938	0.92p 25/1938	1.17 3/1944	1.32 30/1939	
Feb.	0.25 6/1938	0.38 6/1938	0.50 6/1938	0.67 6/1938	0.79 6/1938	0.79 6/1938	
Mar.	0.36 12/1939	0.57 12/1939	0.74 12/1939	1.04 12/1939	1.17 12/1939	1.79 29-30/1940	
Apr.	0.30 3/1940	0.40 3/1940	0.44 3/1940	0.59 19-20/1940	0.78 19-20/1940	1.43 19-20/1940	
May	0.60 20/1942	0.75 20/1942	0.78 20/1942	1.28p 6/1944	1.58p 6/1944	1.64 6/1944	
Jun.	1.33p 29/1939	1.41p 29/1939	1.41 29/1939	1.52p 29/1939	1.66p 29/1939	1.99p 29-30/1939	
Jul.	1.11p 26/1940	1.27p 21/1943	1.27 21/1943	1.42p 4/1943	1.65p 4-5/1943	1.71p 4-5/1943	
Aug.	1.12p 15/1941	1.45p 15/1941	1.53 15/1941	1.62p 15/1941	1.73p 15/1941	1.73p 15/1941	
Sep.	1.25p 8/1940	1.31p 8/1940	1.50 8/1940	2.01p 8/1940	2.33p 8/1940	2.48p 8/1940	
Oct.	0.41p 31/1942	0.78p 31-1/1942	0.82 31-1/1942	1.05p 31-1/1942	1.23p 28/1937	1.53p 22-23/1937	
Nov.	0.39E 1/1942	0.78p 31-1/1942	0.82 31-1/1942	1.05p 31-1/1942	1.15p 31-1/1942	1.45 7-8/1943	
Dec.	0.45 24/1941	0.62 24/1941	0.82 24/1941	1.36 24/1941	1.69p 29-30/1942	2.12p 29-30/1942	
Annual	1.33p 6/29/39	1.45p 8/15/41	1.53 8/15/41	2.01p 9/8/40	2.33p 9/8/40	2.48p 9/8/40	

a Also 14/1940.

Station: LAMPETER, PENNSYLVANIA\*

Drainage basin: SUSQUEHANNA

County: LANCASTER

Lat. 39° 59'N Long. 76° 14'W

Elev.(ft.) 405

Period of record: 1940-1948

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.50 31/1947	0.50 31/1947	0.55 31/1942	0.88 28/1943	1.24 28/1943	1.40 15-16/1945
Feb.	Amt. Date	0.26 14/1940	0.45 14/1940	0.49 14/1940	0.60 14/1940	0.98 14/1940	1.30 14/1940
Mar.	Amt. Date	0.43 25/1947	0.63 6/1943	0.76 6/1943	1.00 6/1943	1.23 16/1940	1.55 16/1940
Apr.	Amt. Date	0.48 24/1944	0.70 24/1944	0.92 24/1944	1.09 8/1940	1.56 8/1940	1.66 8/1940
May	Amt. Date	1.28 19/1943	1.51 21/1942	1.72 29/1948	2.60 29/1948	3.02 29-30/1948	3.37 21-22/1942
Jun.	Amt. Date	1.12 18/1944	1.42 14/1947	1.47 14/1947	1.51 14/1947	2.10 28-29/1945	2.45 2/1946
Jul.	Amt. Date	1.18 11/1943	1.82 20/1943	1.82 20/1943	1.82 20/1943	2.21 14-15/1945	3.11 14-15/1945
Aug.	Amt. Date	1.90 13/1943	2.00 13/1943	2.24 9/1942	2.87 9/1942	3.49 8-9/1942	3.67 8-9/1942
Sep.	Amt. Date	0.90 9/1946	1.02 9/1946	1.05 9/1946	1.05 9/1946	1.13a 27/1942	2.25 29-30/1946
Oct.	Amt. Date	0.40 26/1942	0.78 26/1942	0.98 26/1942	1.48 26/1943	1.82 26/1943	3.26 25-26/1943
Nov.	Amt. Date	0.79 8/1943	1.19 8/1943	1.39 8/1943	1.78 8/1943	2.23 8-9/1943	2.74 8-9/1943
Dec.	Amt. Date	0.32 10/1941	0.62 10/1941	0.80 10/1941	1.15 10/1941	1.67 10/1941	1.70 10/1941
Annual	Amt. Date	1.90 8/13/43	2.00 8/13/43	2.24 8/9/42	2.87 8/9/42	3.49 8/8-9/42	3.67 8/8-9/42

\*Formerly Lancaster SCS 1-A, Pennsylvania.  
a Also 29-30/1946.



Station: LANCASTER, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: LANCASTER

Lat. 40° 03' N Long. 76° 17' W

Elev.(ft.) 270

Period of record: 1937-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 30/1939	0.55 30/1939	0.68 30/1939	1.07 1/1948	1.56 1/1948	1.96 1-2/1948
Feb.	Amt. Date	0.43 15/1939	0.49 28/1939	0.72 28/1939	0.98 28/1939	1.18 3/1939	1.44 2-3/1939
Mar.	Amt. Date	0.42 23/1950	0.62 22-23/1950	0.90 22-23/1950	1.49 22-23/1950	1.79 22-23/1950	1.96 22-23/1950
Apr.	Amt. Date	0.73 24/1944	1.01 24/1944	1.07 24/1944	1.23 8/1940	1.78 8/1940	1.80 8/1940
May	Amt. Date	2.08p 19/1943	2.32p 19/1943	2.33 19/1943	2.57 29/1948	2.98p 22-23/1942	4.19p 21-22/1942
Jun.	Amt. Date	2.10p 30/1941	3.60p 30/1941	3.72 30/1941	4.26p 30/1941	4.28p 30-1/1941	4.30p 30-1/1941
Jul.	Amt. Date	1.77p 27/1939	1.80p 27/1939	1.80 27/1939	2.14E 30-1/1941	4.27p 30-1/1941	4.30p 30-1/1941
Aug.	Amt. Date	2.50p 7/1944	2.60p 6-7/1944	2.60 6-7/1944	2.70p 6-7/1944	2.85 8-9/1942	3.32p 6-7/1944
Sep.	Amt. Date	1.32p 24/1940	1.53p 24/1940	1.55 24-25/1940	2.00 25/1940	3.41p 24-25/1940	4.32p 24-25/1940
Oct.	Amt. Date	0.72 28/1947	0.98 22-23/1937	1.28 22-23/1937	1.57 22-23/1937	2.14 22-23/1937	3.29p 25-26/1943
Nov.	Amt. Date	0.50 8/1943	1.00 8/1943	1.47 8/1943	1.84 8/1943	2.28 8-9/1943	3.30 25/1950
Dec.	Amt. Date	0.37 4/1950	0.67 4/1950	1.00 4/1950	1.78 4/1950	2.17 4/1950	2.25 4/1950
Annual	Amt. Date	2.50p 8/7/44	3.60p 6/30/41	3.72 6/30/41	4.26p 6/30/41	4.28p 6-30/ 7-1/41	4.32p 9/24-25/40

Station: LAURELTON ST VILLAGE, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: UNION

Lat. 40° 54' N Long. 77° 13' W

Elev.(ft.) 880

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.24 30/1947	0.40 10/1950	0.51 3/1944	0.92 3/1944	1.41 3/1944	1.64 3-4/1944
Feb.	Amt. Date	0.22 22/1945	0.37 22/1945	0.47 7/1942	0.82 7/1942	1.21 7/1942	1.49 6-7/1942
Mar.	Amt. Date	0.34 26/1950	0.50a 21/1945	0.75 8-9/1946	1.05 8-9/1946	1.45 20-21/1950	2.52 22-23/1950
Apr.	Amt. Date	0.60 13/1949	1.16 13/1949	1.28 13/1949	1.72 13-14/1949	2.04 13-14/1949	2.12 13-14/1949
May	Amt. Date	0.99p 23/1944	1.01p 23/1944	1.07 23/1944	1.16p 23/1944	2.07 27/1946	2.85 26-27/1946
Jun.	Amt. Date	0.66 7/1947	0.77 7/1947	0.80 28/1945	0.98 7/1947	1.36 14/1944	2.05 4-5/1941
Jul.	Amt. Date	1.19 20/1948	1.58 20/1948	1.59 20/1948	1.59 20/1948	1.59 20/1948	1.59 20/1948
Aug.	Amt. Date	1.22p 31/1940	1.30p 31/1940	1.36 31/1940	1.78p 31/1940	2.10 24/1945	2.88p 30-31/1940
Sep.	Amt. Date	0.76 10/1950	0.87p 26/1942	1.09 26/1942	1.48p 26-27/1942	2.01p 26-27/1942	2.58 17-18/1945
Oct.	Amt. Date	0.61 7/1944	0.85b 16/1942	1.06 16/1942	1.39 16/1942	1.56 26/1943	1.90 30-1/1943
Nov.	Amt. Date	0.82 6/1948	1.23 6/1948	1.53 6/1948	2.15 25/1950	3.55 25/1950	3.98 24-25/1950
Dec.	Amt. Date	0.50p 24/1941	0.85p 24/1941	1.13 24/1941	1.65p 24/1941	2.12p 23-24/1941	2.59p 23-24/1941
Annual	Amt. Date	1.22p 8/31/40	1.58 7/20/48	1.59 7/20/48	2.15 11/25/50	3.55 11/25/50	3.98 11/24-25/50

a Also 8/1946.      b Also 25/1946.

Station: LEBANON, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: LEBANON

Lat. 40° 20' N Long. 76° 28' W

Elev.(ft.) 490

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.63 30/1947	0.91 30/1947	1.31 30/1947	1.63 30-31/1947	1.63 30-31/1947	1.91 5-6/1949
Feb.	Amt. Date	0.27a 19/1938	0.47 28/1939	0.60 28/1939	0.83 28/1939	0.97b 3/1939	1.15 6-7/1942
Mar.	Amt. Date	0.52 27/1948	0.77 21/1945	1.02 31-1/1948	1.60 31-1/1948	1.70 31-1/1948	1.82 22-23/1950
Apr.	Amt. Date	0.68 30/1947	1.00 30/1947	1.03 30/1947	1.60 31-1/1948	1.70 31-1/1948	1.84 19-20/1940
May	Amt. Date	0.96p c 19/1943	1.11p 19/1943	1.26 23/1944	1.60p 21/1942	2.50p 21/1942	3.12p 21-22/1942
Jun.	Amt. Date	1.87p 23/1941	1.95p 23/1941	1.95 23/1941	1.96p 27/1938	3.13p 28-29/1945	3.13p 28-29/1945
Jul.	Amt. Date	1.45 22/1948	2.15 17/1949	2.94 17/1949	3.06 17/1949	3.21 17/1949	3.81 22-23/1958
Aug.	Amt. Date	2.40p 16/1942	2.40p 16/1942	2.40 16/1942	3.22p 31/1940	3.98p 31/1940	4.56p 30-31/1940
Sep.	Amt. Date	1.15p 4/1939	1.40p 13/1944	1.57d 27/1942	1.85p 27/1942	2.27p 27/1942	3.40p 26-27/1942
Oct.	Amt. Date	0.74 16/1943	0.86 5/1942	0.92 26/1943	1.22 26/1942	1.61 26/1943	2.66p 25-26/1943
Nov.	Amt. Date	0.69 4/1950	0.82 6/1948	1.20 25/1950	1.76 25/1950	2.78 25/1950	3.27 25/1950
Dec.	Amt. Date	0.70 4/1950	1.30 4/1950	1.70 4/1950	2.66 4/1950	3.07 4/1950	3.21 3-4/1950
Annual	Amt. Date	2.40p 8/16/42	2.40p 8/16/42	2.94 7/17/49	3.22p 8/31/40	3.98p 8/31/40	4.56p 8/30-31/40

a Also 28/1939.

b Also 6-7/1942.

c Also 25/1947.

d Also 13/1944.

**Station: LEHIGETON, PENNSYLVANIA**

**Drainage basin: LEHIGH**

**County: CARBON**

**Lat. 40° 50' N Long. 75° 42' W**

**Elev.(ft.) 580**

**Period of record: 1938-1950**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 30/1947	0.68 30/1947	0.93 16/1945	1.36 16/1945	1.77 3/1944	2.27 3-4/1944
Feb.	Amt. Date	0.28a 28/1939	0.48 28/1939	0.60 19/1946	1.01 19/1946	1.37 19-20/1946	1.65 14-15/1940
Mar.	Amt. Date	0.49 6/1945	0.80 6/1945	0.90 9/1942	1.54 31-1/1948	2.09 14-15/1940	2.31 14-15/1940
Apr.	Amt. Date	0.56 2/1945	0.69 2/1945	0.86 1/1948	1.54 31-1/1948	1.69b 31-1/1948	1.91 18/1949
May	Amt. Date	1.30p 22/1942	2.15p 22/1942	2.50 22/1942	3.58p 22/1942	4.11p 22/1942	4.42p 22-23/1942
Jun.	Amt. Date	1.85p 9/1940	1.85p 9/1940	1.88 9/1940	2.00p 26/1938	2.11p 26/1938	2.17p 26-27/1938
Jul.	Amt. Date	1.77p 20/1946	2.70p 7/1941	3.06 7-8/1941	3.98p 7-8/1941	4.01p 7-8/1941	4.02p 7-8/1941
Aug.	Amt. Date	1.63p 31/1940	2.16p 31/1940	2.36 31/1940	2.93p 31/1940	4.06p 31/1940	4.92p 31-1/1940
Sep.	Amt. Date	0.83 9/1948	0.93 27/1942	1.22 27/1942	1.78 27/1942	2.65 27/1942	4.92p 31-1/1940
Oct.	Amt. Date	0.55 21/1939	0.78 26/1946	1.08 26/1943	1.89 26/1943	2.38 26/1943	3.08 26/1943
Nov.	Amt. Date	1.02 4/1950	1.25 25/1950	1.65 25/1950	2.35 25/1950	4.00 25/1950	4.36 24-25/1950
Dec.	Amt. Date	0.55 4/1950	1.00 4/1950	1.30 4/1950	2.34 4/1950	2.82 4/1950	2.96 4/1950
Annual	Amt. Date	1.85p 6/9/40	2.70p 7/7/41	3.06 7/7-8/41	3.98p 7/7/41	4.11p 5/22/42	4.92p 8-31/ 9-1/40

a Also 27/1946.      b Also 18/1949.

Station: LEWISTOWN, PENNSYLVANIA

Drainage basin: JUNIATA

County: MIFFLIN

Lat. 40° 35' N Long. 77° 35' W

Elev.(ft.) 480

Period of record: 1938-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 3/1944	0.49 3/1944	0.62 3/1944	0.90 3/1944	1.45 3/1944	1.83E 3-4/1944
Feb.	Amt. Date	0.37 15/1939	0.38 15/1939	0.39 28/1939	0.68 28/1939	0.74 13/1950	1.08 13/1950
Mar.	Amt. Date	0.70p 30/1940	0.85p 30/1940	0.94 30/1940	1.18p 30/1940	1.98p 30/1940	2.30p 29-30/1940
Apr.	Amt. Date	0.36 3/1940	0.68 3/1940	0.89 3/1940	1.01 13-14/1949	1.39 13/1949	1.84 11-12/1948
May	Amt. Date	1.44 23/1950	1.65 23/1950	1.70 23/1950	1.80 23/1950	2.32p 22/1942	3.10p 21-22/1942
Jun.	Amt. Date	1.40p 29/1944	1.50p 29/1944	1.50 29/1944	1.61 28/1943	1.64 28/1943	1.79 28-29/1943
Jul.	Amt. Date	1.72p 31/1946	1.95p 31/1946	2.19 7/1947	2.51 7/1947	2.60 7/1947	2.73p 31-1/1946
Aug.	Amt. Date	1.28p 17/1938	1.29p 15/1941	1.39 15/1941	1.55p 17/1938	2.50p 31-1/1946	2.73p 31-1/1946
Sep.	Amt. Date	0.75 9/1948	1.05 24/1946	1.57 24/1946	1.65 24/1946	1.69 24/1946	1.97 23-24/1946
Oct.	Amt. Date	0.65 9/1950	0.90 9/1950	1.10 9/1950	1.61 12/1946	1.79 12/1946	2.24 8-9/1950
Nov.	Amt. Date	0.50 6/1941	0.92 6/1948	1.18 6/1948	1.29 6/1948	1.80E 24-25/1950	3.10E 24-25/1950
Dec.	Amt. Date	0.41 24/1941	0.67 24/1941	0.74 24/1941	1.13 7/1950	1.30 7/1950	1.72 29-30/1942
Annual	Amt. Date	1.72p 7/31/46	1.95p 7/31/46	2.19 7/7/47	2.51 7/7/47	2.60 7/7/47	3.10p a 5/21-22/42

a. Also 11/24-25/1950.

Station: LOCK HAVEN, PENNSYLVANIA

Drainage basin: WEST BRANCH SUSQUEHANNA

County: CLINTON

Lat. 41° 08'N Long. 77° 27'W

Elev.(ft.) 630

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.55p 25/1938	0.90p 25/1938	0.94 25/1938	1.21p 25/1938	1.21p 25/1938	1.49 1-2/1948
Feb.	Amt. Date	0.33 15/1939	0.43 15/1939	0.57 6/1938	0.83 6/1938	1.16 14/1940	1.44 13-14/1940
Mar.	Amt. Date	0.30a 12/1939	0.58 12/1939	0.70 12/1939	1.02b 12/1939	1.45p 30/1940	2.01p 30-31/1940
Apr.	Amt. Date	0.34 26/1945	0.53 26/1945	0.61 18-19/1941	0.85E 13/1949	1.58 13-14/1949	1.80 13-14/1949
May	Amt. Date	1.00p 5/1938	1.30p 17/1945	1.65 17/1945	2.07p 17/1945	2.46p 22/1942	3.24p 26-27/1946
Jun.	Amt. Date	1.37 30/1947	1.39 30/1947	1.40 30/1947	1.40 30/1947	1.48 12-13/1946	2.23 30-1/1947
Jul.	Amt. Date	2.50p 9/1946	2.52p 9/1946	2.52 9/1946	2.52p 9/1946	2.52p 9/1946	3.42 31-1/1946
Aug.	Amt. Date	2.40p 15/1941	3.20p 15/1941	3.46 15/1941	3.90p 15/1941	4.81p 15/1941	4.87p 15/1941
Sep.	Amt. Date	1.68p 30/1939	1.88p 30/1939	1.89 30/1939	1.91p 30/1939	1.91p 30/1939	2.64p 29-30/1939
Oct.	Amt. Date	0.49 1/1943	0.63 25/1946	0.87 25/1946	0.99 25/1946	1.23 26/1943	1.52 26-27/1943
Nov.	Amt. Date	0.65 25/1950	1.05 25/1950	1.40 25/1950	2.40 25/1950	3.88 25/1950	4.32 24-25/1950
Dec.	Amt. Date	0.36 30/1942	0.59 30/1942	0.84 24/1941	1.32 29-30/1942	1.81 29-30/1942	2.40 29-30/1942
Annual	Amt. Date	2.50p 7/9/46	3.20p 8/15/41	3.46 8/15/41	3.90p 8/15/41	4.81p 8/15/41	4.87p 8/15/41

a Also 9/1942. b Also 26/1950.

**Station: MADERA, PENNSYLVANIA\***

**Drainage basin:** WEST BRANCH SUSQUEHANNA

**County:** CLEARFIELD

**Lat.** 40° 50'N **Long.** 78° 26'W

**Elev.(ft.)** 1330

**Period of record:** JULY TO DEC. 1943, OCT. 1944-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.33 10/1950	0.53 10/1950	0.74 10/1950	1.18 10/1950	1.40 10/1950	1.52 10/1950	
Feb.	0.18 13/1948	0.33 13/1948	0.40 22/1945	0.65 21-22/1945	0.81 20/1947	1.07 13-14/1948	
Mar.	0.34 31/1948	0.57 31/1948	0.63 31/1948	0.78 6/1945	1.15 6/1945	1.71 6-7/1945	
Apr.	0.40 11/1948	0.68 11/1948	0.88 11-12/1948	1.25 11-12/1948	1.83 11-12/1948	2.67 11-12/1948	
May	0.59 26/1949	0.61 26/1949	0.62 26/1949	0.73 16/1945	1.03 10/1945	1.41 16-17/1945	
Jun.	1.67p 29/1946	1.67p 29/1946	1.67 29/1946	1.79 18-19/1948	1.79 18-19/1948	2.49 18-19/1948	
Jul.	0.80 31/1946	0.97 31/1946	1.04 31/1946	1.17 31/1946	1.23 31/1946	1.47 31-1/1946	
Aug.	1.30 26/1947	1.40 26/1947	1.47 26/1947	1.51 26/1947	1.64 28-29/1949	2.26 18-19/1950	
Sep.	2.35p 8/1945	2.43p 8/1945	2.43 8/1945	2.43p 8/1945	2.43p 8/1945	2.43p 8/1945	
Oct.	1.35 23/1945	1.41 23/1945	1.48 23/1945	1.60 23/1945	1.94 8-9/1950	2.78 8-9/1950	
Nov.	0.60 25/1950	1.12 25/1950	1.60 25/1950	2.75 25/1950	4.16 24-25/1950	4.37 24-25/1950	
Dec.	0.32 12/1949	0.42 12/1949	0.46a 29/1948	0.74 29/1948	1.13 11-12/1944	1.62 11-12/1944	
Annual	2.35p 9/8/45	2.43p 9/8/45	2.43 9/8/45	2.75 11/25/50	4.16 11/24-25/50	4.37 11/24-25/50	

\*Formerly Coalport, Pennsylvania  
a Also 12/1949.



Station: MARIENVILLE, PENNSYLVANIA

Drainage basin: ALLEGHENY

County: FOREST

Lat. 41° 28'N Long. 79° 07'W

Elev.(ft.) 1780

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.39 4/1943	0.50 3-4/1943	0.63 30/1939	0.98 30/1939	1.25 30/1939	1.38 30-31/1939
Feb.	Amt. Date	0.27 19/1938	0.40a 21-22/1945	0.59 21-22/1945	1.00 21-22/1945	1.37 13/1950	1.87 13-14/1950
Mar.	Amt. Date	0.76p 16/1942	0.96p 16/1942	1.00 16/1942	1.06p 16/1942	1.39E 21/1945	1.99 1-2/1945
Apr.	Amt. Date	0.88 11/1948	1.21 18/1941	1.21 18/1941	1.42 11/1948	1.89 11/1948	2.18 11-12/1948
May	Amt. Date	0.67 16/1945	0.73 31/1942	0.76 16/1945	1.13 22/1949	1.39 27/1946	1.80c 22-23/1949
Jun.	Amt. Date	2.10p 27/1946	2.17p 27/1946	2.21 27/1946	2.38p b 13/1941	2.47p 13/1941	2.55p 13-14/1941
Jul.	Amt. Date	1.55p 31/1945	1.97p 31/1945	2.01 31/1945	2.16 31/1945	2.18 31/1945	2.37p 30-31/1945
Aug.	Amt. Date	1.38p 13/1940	1.40p 13/1940	1.45 17-18/1949	1.79 17-18/1949	2.00 17-18/1949	2.00 17-18/1949
Sep.	Amt. Date	1.49p 14/1938	1.69p 14/1938	1.70 14/1938	2.32p 14/1938	3.20p 14/1938	3.41p 14-15/1938
Oct.	Amt. Date	0.43 8/1939	0.85 8/1939	0.93 8/1939	1.35p 14/1942	1.65p 14/1942	2.02p 14-15/1942
Nov.	Amt. Date	0.34 20/1950	0.62 20/1950	0.90 20/1950	1.30 20/1950	1.39E 20/1950	1.50 20/1950
Dec.	Amt. Date	0.31 27/1940	0.47 27/1940	0.57 27/1940	0.79 11/1944	1.17 27-28/1940	1.68 29-30/1942
Annual	Amt. Date	2.10p 6/27/46	2.17p 6/27/46	2.21 6/27/46	2.38p b 6/13/41	3.20p 9/14/38	3.41p 9/14-15/38

a Also 13/1948.      b Also 27/1946.      c Also 6/1944.

Station: MARTINSBURG, PENNSYLVANIA

Drainage basin: JUNIATA

County: BLAIR

Lat. 40° 18' N Long. 78° 20' W

Elev.(ft.) 1360

Period of record: 1937-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.55 18/1943	0.65 18/1943	0.79 25/1938	1.14 30/1939	1.56 3/1944	2.10p 3/1944	
Feb.	0.22 6/1938	0.38 28/1939	0.49 28/1939	0.82 28/1939	0.94 26/1939	1.19 12-13/1950	
Mar.	0.49 16/1942	0.58 16/1942	0.75 6/1945	1.05 6/1945	1.39 30/1940	1.76 6/1945	
Apr.	0.60 4/1945	0.70 4/1945	0.78 4/1945	1.22 9/1942	1.62 9/1942	2.00 8-9/1942	
May	1.25p 29/1941	1.30p 29/1941	1.30 29/1941	1.69p 29/1941	2.18p 29-30/1941	2.27p 29-30/1941	
Jun.	1.33p 12/1942	1.33p 12/1942	1.80 19/1948	1.99 19/1948	2.18 19/1948	2.72 18-19/1948	
Jul.	1.87p 29/1940	1.88p 29/1940	1.88 29/1940	1.90p 29/1940	2.04 12/1949	2.24 3-4/1941	
Aug.	1.72 26/1947	1.97 26/1947	2.10 26/1947	2.12 26/1947	2.12 26/1947	2.36p 26-27/1937	
Sep.	0.86 8/1945	0.88 8/1945	0.90 8/1945	1.15p 17-18/1945	1.62p 17-18/1945	2.60 17-18/1945	
Oct.	0.40 25/1946	0.73 25/1946	1.03 25/1946	1.23 25/1946	1.46 25-26/1946	1.76 8-9/1950	
Nov.	0.34 6/1948	0.51 26/1940	0.63 26/1940	1.13 26/1940	1.23a 4-5/1939	1.80E 24-25/1950	
Dec.	0.36 24/1941	0.55 24/1941	0.74 24/1941	1.19 24/1941	1.51 23-24/1941	2.09p 29-30/1942	
Annual	1.87p 7/29/40	1.97 8/26/47	2.10 8/26/47	2.12 8/26/47	2.18p b 5/29-30/41	2.72 6/18-19/48	

a Also 26-27/1940.

b Also 6/19/48.

Station: MEADOW RUN PONDS, PENNSYLVANIA

Drainage basin: LEHIGH

County: LUZERNE

Lat. 41° 13' N Long. 75° 40' W

Elev.(ft.) 2000

Period of record: JULY 1948-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.28 5/1949	0.53 5/1949	0.79 5/1949	1.38 5/1949	2.05 5/1949	2.71 5/1949
Feb.	Amt. Date	0.24 10/1950	0.45 10/1950	0.60 10/1950	0.81 10/1950	1.01 10/1950	1.54 13-14/1950
Mar.	Amt. Date	0.85 8/1950	1.36 8/1950	1.57 8/1950	2.09 8/1950	2.58 8-9/1950	2.86 8-9/1950
Apr.	Amt. Date	0.71 13/1949	1.07 13/1949	1.34 20/1950	1.69 20/1950	1.88 20/1950	1.89 20/1950
May	Amt. Date	0.63 6/1949	0.96 6/1949	1.08 6/1949	1.14 6/1949	1.20 20/1949	1.65 19-20/1949
Jun.	Amt. Date	0.46 4/1950	0.85 4/1950	0.94 4/1950	1.16 3-4/1950	1.22 3-4/1950	1.29 3-4/1950
Jul.	Amt. Date	0.68 25/1949	0.79 13/1948	1.18 25-26/1949	1.75 13/1948	1.89 13/1948	2.11 13-14/1948
Aug.	Amt. Date	0.70 29/1949	0.94 15/1949	1.06 28-29/1949	1.64 28-29/1949	2.04 28-29/1949	2.13 28-29/1949
Sep.	Amt. Date	0.36 8/1949	0.53 29/1949	0.73 29/1949	0.85 29/1949	0.94 29/1949	1.13 28-29/1949
Oct.	Amt. Date	0.36 9/1950	0.42 9/1950	0.43 9/1950	0.55 17-18/1948	0.64 25-26/1949	0.74 9-10/1950
Nov.	Amt. Date	0.48 6/1948	0.73 6/1948	1.07 6/1948	1.66 25/1950	2.78 25/1950	3.18 25/1950
Dec.	Amt. Date	0.58 4/1950	1.05 4/1950	1.58 4/1950	2.55 4/1950	2.89 4/1950	3.62 4-5/1950
Annual	Amt. Date	0.85 3/8/50	1.36 3/8/50	1.58 12/4/50	2.55 12/4/50	2.89 12/4/50	3.62 12/4-5/50

Station: MEADVILLE, PENNSYLVANIA

Drainage basin: ALLEGHENY

County: CRAWFORD

Lat. 41° 38'N Long. 80° 10'W

Elev.(ft.) 1065

Period of record: 1936-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 24/1937	1.10 24/1937	1.40 24/1937	1.93 24/1937	2.24 24-25/1937	2.25 24-25/1937
Feb.	Amt. Date	0.48 22/1944	0.85 22/1944	1.11 22/1944	1.32 22/1944	1.56 22-23/1944	1.87 13-14/1950
Mar.	Amt. Date	0.92 27/1940	0.92 27/1940	0.92 27/1940	0.92 27/1940	1.56E 21-22/1948	3.12 21-22/1948
Apr.	Amt. Date	0.73 18/1941	0.74 18/1941	0.90 3/1940	1.10 3/1940	1.63 25-26/1937	2.14 25-26/1937
May	Amt. Date	0.70 26/1944	0.87 26/1944	0.90 26/1944	0.90 26/1944	1.53 15-16/1942	1.84 15-16/1942
Jun.	Amt. Date	1.28 27/1943	1.46 14/1937	1.55 14/1937	1.98 14/1937	2.02 13-14/1937	2.41 4/1941
Jul.	Amt. Date	2.21 19/1949	2.23 19/1949	3.23 19/1949	3.39 19/1949	3.39 19/1949	4.38 19-20/1949
Aug.	Amt. Date	0.80a 9/1937	1.40 11/1941	1.90 6/1938	2.18 11-12/1941	2.20 11-12/1941	2.22 11-12/1941
Sep.	Amt. Date	1.16 4/1937	1.31 4/1937	1.38 4/1937	2.12 4/1937	2.36 4/1937	2.59 4-5/1937
Oct.	Amt. Date	0.48 15/1943	0.60 15/1943	0.70 15/1943	1.08 15-16/1943	1.40 15-16/1943	1.75 11-12/1946
Nov.	Amt. Date	0.44 17/1945	0.62 17/1945	0.65 17/1945	0.85b 10/1942	0.90 10/1945	1.21 17-18/1945
Dec.	Amt. Date	0.52 24/1941	0.52 24/1941	0.54 27/1940	0.72 27-28/1940	1.01 27-28/1940	1.17 23-24/1941
Annual	Amt. Date	2.21 7/19/49	2.23 7/19/49	3.23 7/19/49	3.39 7/19/49	3.39 7/19/49	4.38 7/19-20/49

a Also 11/1941 and 14/1947. b Also 17-18/1945.

Station: MEDIX RUN, PENNSYLVANIA

Drainage basin: WEST BRANCH SUSQUEHANNA

County: ELK

Lat. 41° 17' N Long. 78° 23' W

Elev.(ft.) 1125

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.19 10/1950	0.30a 30/1947	0.47 10/1950	0.83 10/1950	1.00 10/1950	1.09 10/1950
Feb.	Amt. Date	0.42 14/1950	0.56 9/1950	0.73 14/1950	1.05 14/1950	1.90 13/1950	2.62 13-14/1950
Mar.	Amt. Date	0.48 19/1948	0.63 31/1948	0.70 21/1945	1.22 21/1945	1.31 21/1945	1.56 21-22/1945
Apr.	Amt. Date	0.78 11/1948	0.96 11/1948	1.05 11/1948	1.21 11-12/1948	1.66 11/1948	2.17 11-12/1948
May	Amt. Date	1.30p 24/1944	1.33p 24/1944	1.35 24/1944	1.80p 24/1944	1.98 19-20/1949	2.33 26-27/1946
Jun.	Amt. Date	0.63 17/1943	0.82 17/1943	0.88 12/1948	1.00 12/1948	1.18 12-13/1948	1.68 18-19/1948
Jul.	Amt. Date	1.37p 18/1942	1.43p 18/1942	1.53 22/1946	1.91p 18/1942	1.96p 18/1942	3.37 18/1942
Aug.	Amt. Date	2.10p 13/1943	2.34p 13/1943	2.34 13/1943	2.35p 13/1943	3.56p 13/1943	3.58 13/1943
Sep.	Amt. Date	0.83 7/1948	0.93 7/1948	1.16E 14/1945	2.32p 14/1945	2.41p 14/1945	2.70p 13-14/1945
Oct.	Amt. Date	0.40b 25/1946	0.72 9/1950	1.02 9/1950	1.24 9/1950	1.74 8-9/1950	2.26 8-9/1950
Nov.	Amt. Date	0.55 3/1950	0.68 3/1950	0.87 25/1950	1.60 25/1950	2.99 25/1950	3.80 24-25/1950
Dec.	Amt. Date	0.29 12/1948	0.49 12/1948	0.64 12/1948	0.92 29-30/1942	1.42 29-30/1942	2.05 29-30/1942
Annual	Amt. Date	2.10p 8/13/43	2.34p 8/13/43	2.34 8/13/43	2.35p 8/13/43	3.56p 8/13/43	3.80 11/24-25/50

a Also 10/1950. b Also 8/1948.

Station: MERCER, PENNSYLVANIA

Drainage basin: BEAVER

County: MERCER

Lat. 41° 14' N Long. 80° 15' W

Elev.(ft.) 1244

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 30/1939	0.50 30/1939	0.68 27/1944	0.94 10/1950	1.27 10/1950	1.38 10/1950
Feb.	Amt. Date	0.37 26/1946	0.59 26/1946	0.72 26/1946	1.21 26/1946	1.29 26-27/1946	1.60 13-14/1950
Mar.	Amt. Date	0.42 29/1945	0.58 19/1945	0.67 19/1945	0.90 19/1945	1.29 5/1938	1.49 4-5/1938
Apr.	Amt. Date	0.90 2/1945	0.98 27/1948	1.07 27/1948	1.43 16/1947	1.99 27/1948	2.13 27-28/1948
May	Amt. Date	0.98 20/1946	1.44p 21/1944	1.46 21/1944	2.00p 15-16/1942	2.30p 15-16/1942	3.48p 26-27/1946
Jun.	Amt. Date	1.22p 26/1946	1.24 9/1950	1.24 9/1950	1.43 28/1941	1.60 3/1950	1.76p 26-27/1946
Jul.	Amt. Date	1.95p 31/1945	2.00p 31/1945	2.00 31/1945	2.01p 31/1945	2.19p 30/1941	2.52p 29-30/1941
Aug.	Amt. Date	1.35p 15/1941	1.67p 15/1941	1.75 15/1941	1.77p 15/1941	2.03p 15/1941	2.06p 31-1/1945
Sep.	Amt. Date	0.84 5/1941	1.28p 28/1944	1.28 28/1944	1.35p 28/1944	1.79p 28/1944	2.17p 27-28/1944
Oct.	Amt. Date	0.79p 27/1939	1.00p a 27/1939	1.32 27/1939	1.42 1-2/1945	1.79 1-2/1945	1.90p 27/1939
Nov.	Amt. Date	0.71p 18/1938	0.87p 18/1938	0.90 18/1938	0.90p 18/1938	0.95p 18/1938	1.52p 18-19/1938
Dec.	Amt. Date	0.29 12/1940	0.47b 12/1940	0.55b 12/1940	0.79 12/1940	1.04 29/1942	1.61 29-30/1942
Annual	Amt. Date	1.95p 7/31/45	2.00p 7/31/45	2.00 7/31/45	2.01p 7/31/45	2.30p 5/15-16/42	3.48p 5/26-27/46

a Also 2/1945. b Also 29/1942.

Station: MERWINSBURG, PENNSYLVANIA

Drainage basin: LEHIGH

County: MONROE

Lat. 40° 57' N Long. 75° 27' W

Elev.(ft.) 840

Period of record: JULY 1948-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.25 5/1949	0.38 5/1949	0.52 5/1949	1.03 5/1949	1.64 5/1949	2.00 5-6/1949
Feb.	Amt. Date	0.13 15/1949	0.20 19-20/1949	0.25 19-20/1949	0.42 19-20/1949	0.58 19-20/1949	0.98 13-14/1950
Mar.	Amt. Date	0.21 8/1950	0.41 8/1950	0.50 22-23/1950	0.70 22-23/1950	0.94 21/1950	0.95 21/1950
Apr.	Amt. Date	0.53 13/1949	0.62 18/1949	0.83 18/1949	1.09 18/1949	1.60 18/1949	1.80 18/1949
May	Amt. Date	0.55 6/1949	0.77 6/1949	1.27 6/1949	1.59 6/1949	1.79 6/1949	2.06 19-20/1949
Jun.	Amt. Date	0.67 25/1949	0.67 25/1949	0.67 25/1949	0.76 3/1950	1.18 3-4/1950	1.19 3-4/1950
Jul.	Amt. Date	0.82 21/1948	0.92 21/1948	0.95 21/1948	1.10 21/1948	1.20 17/1949	1.22 17-18/1949
Aug.	Amt. Date	0.75 5/1948	1.03 5/1948	1.17 5/1948	1.87 5/1948	2.67 5/1948	2.67 5/1948
Sep.	Amt. Date	0.61 18/1949	0.72 18/1949	0.72 18/1949	0.73 18/1949	0.81 18/1949	0.81 18/1949
Oct.	Amt. Date	0.20 25/1949	0.34 25/1949	0.48 25-26/1949	0.70 25-26/1949	0.90 25-26/1949	0.91 25-26/1949
Nov.	Amt. Date	0.55 13/1949	0.88 13/1949	1.22 13/1949	1.33 13/1949	1.63 25/1950	1.77 25/1950
Dec.	Amt. Date	0.18 30/1948	0.30 30/1948	0.40 30/1948	0.68 29-30/1948	1.08 30/1948	2.01 30/1948
Annual	Amt. Date	0.82 7/21/48	1.03 8/5/48	1.27 5/6/49	1.87 8/5/48	2.67 8/5/48	2.67 8/5/48



Station: MILAN, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: BRADFORD

Lat. 41° 55' N Long. 76° 32' W

Elev.(ft.) 820

Period of record: 1939-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.18a 24/1941	0.33 19/1943	0.39 19/1943	0.45 6/1950	0.64 1/1948	0.99 6-7/1950
Feb.	Amt. Date	0.26 22/1949	0.38 22/1949	0.42 22/1949	0.53 13/1950	0.90 13/1950	1.39 13-14/1950
Mar.	Amt. Date	0.42 21/1948	0.64 21/1948	0.67 21/1948	0.91 21-22/1948	1.36 22-23/1950	1.51 22-23/1950
Apr.	Amt. Date	0.34 18/1941	0.50b 5/1947	0.70 5/1947	1.15 5/1947	1.76 5/1947	2.07 4-5/1947
May	Amt. Date	0.70 16/1949	0.87 16/1949	0.88 16/1949	1.38 6-7/1944	2.15 6-7/1944	2.55 6-7/1944
Jun.	Amt. Date	1.09 3/1942	1.21 16/1941	1.29 16/1941	1.29 16/1941	1.29 16/1941	1.69 3-4/1942
Jul.	Amt. Date	1.51 23/1945	2.06 8/1946	2.08 8/1946	2.08 8/1946	2.08 8/1946	2.17 20-21/1946
Aug.	Amt. Date	1.28 16/1944	2.06 18/1950	2.28 18/1950	3.30 18/1950	3.67 18/1950	4.58 18-19/1950
Sep.	Amt. Date	1.53 15/1940	1.90 15/1940	1.94 15/1940	2.12 24/1946	2.23 24/1946	2.34 23-24/1946
Oct.	Amt. Date	0.55 16/1943	0.98 16/1943	1.06 16/1943	1.20 16/1943	1.72 26/1943	1.98 26-27/1943
Nov.	Amt. Date	0.48 6/1941	0.91 6/1941	0.99 6-7/1941	1.20 25/1950	1.68 25/1950	1.83 6-7/1941
Dec.	Amt. Date	0.53 24/1941	0.99 24/1941	1.02 24/1941	1.13 24/1941	1.26 23-24/1941	1.95 29-30/1942
Annual	Amt. Date	1.53 9/15/40	2.06c 7/8/46	2.28 8/18/50	3.30 8/18/50	3.67 8/18/50	4.58 8/18-19/50

a Also 19/1943 and 30/1947.      b Also 13/1949.  
c Also 8/18/50.

Station: MILLERSBURG, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: DAUPHIN

Lat. 40° 32' N Long. 76° 56' W

Elev.(ft.) 545

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 18/1943	0.58 30/1947	0.80 30/1947	1.12 30/1939	1.22 30/1939	1.33 30/1939
Feb.	Amt. Date	0.33 15/1939	0.47 6/1938	0.51 28/1939	0.75 28/1939	0.89 19-20/1938	1.16 13-14/1950
Mar.	Amt. Date	0.57 30/1940	0.91 30/1940	1.03 30/1940	1.31 30/1940	2.10 30/1940	2.41 30/1940
Apr.	Amt. Date	0.63 24/1944	1.03 24/1944	1.12 24/1944	1.23 24/1944	1.50 19-20/1940	1.83 19-20/1940
May	Amt. Date	2.05p 7/1944	2.30p 6-7/1944	2.36 6-7/1944	3.18 6-7/1944	3.80p 6-7/1944	3.82p 26-27/1946
Jun.	Amt. Date	1.30p 28/1945	2.22p 28/1945	2.56 28/1945	2.58p 28/1945	2.66p 28-29/1945	2.66p 28-29/1945
Jul.	Amt. Date	1.44p 11/1938	1.72 21/1946	1.78 28/1945	2.83p 11-12/1938	2.85p 11-12/1938	2.90p 11-12/1938
Aug.	Amt. Date	0.93 7/1945	1.10 19/1950	1.40 19-20/1950	1.77p 31/1940	2.18 19-20/1950	2.79 19-20/1950
Sep.	Amt. Date	2.52p 10/1946	2.56p 10/1946	2.56 10/1946	2.56p 10/1946	2.56p 10/1946	2.81p 10/1946
Oct.	Amt. Date	0.63 7/1940	0.78 12/1946	1.00 12/1946	1.23 16/1943	1.59 17-18/1948	1.88p 25-26/1943
Nov.	Amt. Date	0.40p a 13/1937	0.74 4/1950	0.95 8/1947	1.35 25/1950	2.35 25/1950	2.79 24-25/1950
Dec.	Amt. Date	0.60p 24/1941	0.80p 24/1941	0.93 24/1941	1.47p 24/1941	1.85p 23-24/1941	2.14p 23-24/1941
Annual	Amt. Date	2.52p 9/10/46	2.56p 9/10/46	2.56b 6/28/45	3.18 5/6-7/44	3.80p 5/6-7/44	3.82p 5/26-27/46

a Also 4/1950.      b Also 9/10/1946.

Station: MILLVILLE, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: COLUMBIA

Lat. 41° 07' N Long. 76° 32' W

Elev. (ft.) 650

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.27 30/1939	0.43 30/1939	0.57 30/1939	0.80 30/1939	0.93 30/1939	1.30 6-7/1950
Feb.	Amt. Date	0.34 15/1939	0.42 6/1938	0.51 6/1938	0.75 6/1938	0.88 13/1950	1.12 13/1950
Mar.	Amt. Date	0.57p 30/1940	0.80p 30/1940	0.98 30/1940	1.19p 30/1940	2.22p 30/1940	2.80p 29-30/1940
Apr.	Amt. Date	0.37 3/1940	0.58 18/1938	0.64 3/1940	0.84 13/1949	1.16 13-14/1949	1.51 11-12/1948
May	Amt. Date	0.73p 19/1943	0.81p 7/1944	1.00 7/1944	1.71p 6-7/1944	2.35p 6-7/1944	2.51 6-7/1944
Jun.	Amt. Date	1.00p 29/1944	1.00p 29/1944	1.15 1/1950	1.62 19/1944	1.63 19/1944	2.15 18-19/1944
Jul.	Amt. Date	3.10p 27/1939	3.58p 27/1939	4.16 27/1939	4.27p 27/1939	4.28p 27/1939	5.14p 26-27/1939
Aug.	Amt. Date	1.13p 15/1941	1.90p 15/1941	2.04 15/1941	2.19p 15/1941	2.81p 15/1941	2.97p 15/1941
Sep.	Amt. Date	0.70 25/1945	1.04 4/1948	1.04 4/1948	1.04 4/1948	1.10 24/1946	1.52 12-13/1944
Oct.	Amt. Date	0.48 14/1944	0.77p 23/1937	0.99 26/1943	1.71p 23/1937	2.27 22-23/1937	2.45p 22-23/1937
Nov.	Amt. Date	0.70 8/1947	0.98 6/1948	1.25 25/1950	2.07 25/1950	2.94 25/1950	3.14 25/1950
Dec.	Amt. Date	0.50 24/1941	0.78 24/1941	0.88 24/1941	1.25 3-4/1950	2.02 3-4/1950	2.59 3-4/1950
Annual	Amt. Date	3.10p 7/27/39	3.58p 7/27/39	4.16 7/27/39	4.27p 7/27/39	4.28p 7/27/39	5.14p 7/26-27/39

Station: MONROE FURNACE, PENNSYLVANIA

Drainage basin: JUNIATA

County: HUNTINGDON

Lat. 40° 42' N Long. 77° 54' W

Elev.(ft.) 1200

Period of record: 1941- FEB. 1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.39 10/1950	0.45 10/1950	0.55 15/1948	0.72 3-4/1942	0.85 3-4/1942	0.98 5-6/1949
Feb.	Amt. Date	0.25 22/1949	0.32 22/1949	0.40 27/1946	0.57 27/1946	0.62 13/1948	0.91 26-27/1946
Mar.	Amt. Date	0.37 19/1948	0.60 19/1948	0.70 19/1948	0.92 3/1942	1.32 2-3/1942	1.49 2-3/1942
Apr.	Amt. Date	0.60 20/1943	0.97 20/1943	1.11 20/1943	1.24 20-21/1943	1.42 20-21/1943	2.05 11-12/1948
May	Amt. Date	1.04 17/1945	1.14 12/1948	1.24 12/1948	2.01 17/1945	2.02 17/1945	2.33 16-17/1945
Jun.	Amt. Date	0.75 17/1943	1.30 7/1947	1.31 7/1947	1.37 11-12/1946	1.57 11-12/1946	2.04 7/1947
Jul.	Amt. Date	2.25 6/1949	2.25 6/1949	2.47 6/1949	2.56 6/1949	2.56 6/1949	2.97 6-7/1949
Aug.	Amt. Date	1.08 11/1949	1.35 11/1949	1.40 11/1949	1.56 11/1949	2.05 24/1945	2.39 23-24/1945
Sep.	Amt. Date	0.79 28/1945	0.81 28/1945	0.81 28/1945	1.01 24/1946	1.20 17-18/1945	1.95 17-18/1945
Oct.	Amt. Date	0.45 18/1947	0.70 25/1946	0.83 25/1946	0.95 25-26/1946	1.05 25-26/1946	1.42 14-15/1942
Nov.	Amt. Date	0.55 6/1948	0.72 6/1948	0.91 6/1948	1.62 6/1948	1.74 6/1948	1.74 6/1948
Dec.	Amt. Date	0.46 24/1941	0.68 24/1941	0.88 24/1941	1.33 24/1941	1.74 29-30/1942	2.13 29-30/1942
Annual	Amt. Date	2.25 7/6/49	2.25 7/6/49	2.47 7/6/49	2.56 7/6/49	2.56 7/6/49	2.97 7/6-7/49

Station: MONTROSE, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: SUSQUEHANNA

Lat. 41° 50' N Long. 75° 49' W

Elev.(ft.) 1680

Period of record: 1937-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.31 25/1938	0.42 30/1939	0.57 30/1939	0.91 30/1939	1.15 16/1945	1.26 15-16/1945	
Feb.	0.37 7/1942	0.55 13/1938	0.61a 13/1938	0.90 7/1942	1.20 7/1942	1.59 13-14/1940	
Mar.	0.44 8/1950	0.65 8/1950	0.71 8/1950	1.03 22-23/1950	1.28b 30/1940	1.75 30-31/1940	
Apr.	0.40 26/1945	0.60 26/1945	0.76 5/1947	1.31 5/1947	2.00 5/1947	2.32 4-5/1947	
May	0.95p 20/1946	1.25p 20/1946	1.60 20/1946	2.28p 20-21/1946	3.18 20-21/1946	3.45 20-21/1946	
Jun.	1.50p 30/1939	2.25p 30/1939	2.25 30/1939	2.26p 30/1939	2.26c p 30/1939	3.03p 30-1/1941	
Jul.	1.35p 28/1941	1.68p 28/1941	1.70 28/1941	2.00p 28-29/1945	2.35p 28-39/1945	3.03p 30-1/1941	
Aug.	1.08p 13/1943	1.16p 27/1937	1.29 27/1937	1.80p 10-11/1938	2.34p 10-11/1938	3.08p 31-1/1940	
Sep.	0.80 24/1946	1.11 2/1947	1.39 2/1947	1.70 31-1/1950	1.96 31-1/1950	3.08p 31-1/1940	
Oct.	0.95 16/1943	1.20p 23/1937	1.63 23/1937	2.44p 23/1937	3.64p 22-23/1937	3.74p 22-23/1937	
Nov.	0.58p 8/1943	0.78p 8/1943	0.84 8/1943	1.27p 8/1943	1.46p 8-9/1943	1.96p 8-9/1943	
Dec.	0.58 24/1941	0.75 24/1941	0.90 24/1941	1.37 10/1938	1.73 10/1938	2.23 29-30/1942	
Annual	1.50p 6/30/39	2.25p 6/30/39	2.25 6/30/39	2.44p 10/23/37	3.64p 10/22-23/37	3.74p 10/22-23/37	

a Also 7/1942.

b Also 22-23/1950.

c Also 30-1/1941.

Station: MOUNTAINTOP, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: LUZERNE

Lat. 41° 11' N Long. 75° 52' W

Elev.(ft.) 1500 EST

Period of record: 1941-1946

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.25 18/1943	0.38 18/1943	0.43 29/1943	0.71 29/1943	1.02 16/1945	1.10 31-1/1945
Feb.	Amt. Date	0.30 27/1946	0.41 27/1946	0.50 27/1946	0.75 19-20/1946	1.02 19-20/1946	1.10 19-20/1946
Mar.	Amt. Date	0.34 9/1942	0.52a 17/1943	0.62 9/1946	0.77 9/1942	0.80 12-13/1944	1.18 2-3/1942
Apr.	Amt. Date	0.60 24/1944	0.70 24/1944	0.70 24/1944	0.90 24/1944	0.98 24/1944	1.10 9-10/1942
May	Amt. Date	1.05 22/1942	1.55 22/1942	1.80 22/1942	2.35 22/1942	2.73 22/1942	3.10 21-22/1942
Jun.	Amt. Date	1.35 17/1943	1.64 17/1943	1.80 17/1943	1.97 17/1943	1.97 17/1943	2.62 19-20/1944
Jul.	Amt. Date	1.90 6/1942	2.61 31/1946	2.99 31/1946	3.06 31/1946	3.13 31/1946	3.26 18-19/1945
Aug.	Amt. Date	1.10 14/1944	1.28 14/1944	1.30 14/1944	1.56E 31-1/1946	3.11 31-1/1946	3.22 31-1/1946
Sep.	Amt. Date	0.69 11/1945	0.95 26/1945	1.19 26/1945	1.85 27/1942	2.05 27/1942	3.06 26-27/1942
Oct.	Amt. Date	0.50 26/1943	0.89 26/1943	1.17 26/1943	1.94 26/1943	2.66 26/1943	3.70 26/1943
Nov.	Amt. Date	1.10 8/1943	1.38 8/1943	1.54 8/1943	2.19 8/1943	2.85 8-9/1943	3.10 8-9/1943
Dec.	Amt. Date	0.60 24/1941	0.83 24/1941	0.99 24/1941	1.21 24/1941	1.41 23-24/1941	2.05 29-30/1942
Annual	Amt. Date	1.90 7/6/42	2.61 7/31/46	2.99 7/31/46	3.06 7/31/46	3.13 7/31/46	3.70 10/26/43

a Also 9/1946.



Station: MOUNT POCONO, PENNSYLVANIA

Drainage basin: DELAWARE

County: MONROE

Lat. 41° 08'N Long. 75° 22'W

Elev.(ft.) 1915

Period of record: 1941-SEPT. 1948, JULY 1949-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.36 16/1945	0.60a 16/1945	0.83 30/1947	1.35 31/1942	1.64 1-2/1942	1.83 1-2/1942	
Feb.	0.26 14/1944	0.51 14/1944	0.68 14/1944	1.16 19-20/1946	1.79 19-20/1946	1.88 19-20/1946	
Mar.	0.54 8/1950	0.83 8/1950	1.09 9/1942	1.86 31-1/1948	1.99 31-1/1948	2.32 8/1950	
Apr.	0.45 1/1948	0.85 1/1948	1.16 1/1948	1.86 31-1/1948	1.99 31-1/1948	2.09 4-5/1947	
May	1.12 12/1943	1.45 22/1942	1.96 22/1942	2.64 22/1942	3.09 22-23/1942	3.33 22/1942	
Jun.	1.06 27/1948	1.30 23/1941	1.50 23/1941	1.80 19/1944	1.88 19/1944	2.30 18-19/1944	
Jul.	1.30 16/1947	1.85 16/1947	2.02 20/1945	2.89 14-15/1945	4.15 14-15/1945	4.27 14-15/1945	
Aug.	1.32 4/1949	1.39 4/1949	1.87 15-16/1941	2.47 15-16/1941	2.62 15-16/1941	2.98 15-16/1941	
Sep.	1.22 10/1950	1.55 10/1950	1.88 26-27/1942	2.44 26-27/1942	3.95 26-27/1942	6.39 26-27/1942	
Oct.	0.79 16/1943	1.13b 16/1943	1.15b 16/1943	1.56 26/1943	2.30 26/1943	3.52 26/1943	
Nov.	1.07 4/1950	1.29 4/1950	1.57 25/1950	2.64 25/1950	4.13 25/1950	4.49 8-9/1943	
Dec.	0.79 4/1950	1.19 4/1950	1.78 4/1950	3.05 4/1950	3.64 4/1950	4.08 3-4/1950	
Annual	1.32 8/4/49	1.85 7/16/47	2.02 7/20/45	3.05 12/4/50	4.15 7/14-15/45	6.39 9/26-27/42	

a Also 30/1947. b Also 29/47.



Station: MOUNT UNION, PENNSYLVANIA

Drainage basin: JUNIATA

County: MIFFLIN

Lat. 40° 24'N Long. 77° 53'W

Elev.(ft) 800

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 31/1943	0.61 18/1943	0.71 31/1943	0.99 30/1939	1.37 31/1943	1.56 31-1/1943
Feb.	Amt. Date	0.30 6/1938	0.39 6/1938	0.48 28/1939	0.80 28/1939	1.09 31-1/1943	1.56 31-1/1943
Mar.	Amt. Date	0.33 6/1945	0.62 6/1945	0.75 6/1945	1.00 6/1945	1.65 30/1940	1.95 30/1940
Apr.	Amt. Date	0.50 4/1945	0.84 4/1945	0.97 4/1945	1.07 4-5/1945	1.31 9/1942	1.66 19-20/1940
May	Amt. Date	1.09 10/1943	1.12 10/1943	1.12 10/1943	1.57p 16/1942	1.69p 16/1942	2.09p 6-7/1944
Jun.	Amt. Date	1.00p 3/1942	1.28 18-19/1948	1.40 18-19/1948	2.03 18-19/1948	2.16 18-19/1948	2.68 18-19/1948
Jul.	Amt. Date	1.22p 22/1943	1.98p 31/1945	2.00 31/1945	2.00p 31/1945	2.17 12/1949	2.21p 3-4/1941
Aug.	Amt. Date	1.72p 6/1944	1.72p 6/1944	1.72 6/1944	1.72p 6/1944	2.04p 31-1/1945	2.25 19-20/1950
Sep.	Amt. Date	1.98p 8/1940	2.01p 8/1940	2.08 8/1940	2.25p 8/1940	2.38p 8/1940	2.62p 17-18/1945
Oct.	Amt. Date	0.67 8/1950	0.76 8/1950	0.92 8/1950	1.35 12/1946	1.49 12/1946	1.96 8-9/1950
Nov.	Amt. Date	0.28 13/1937	0.49 26/1940	0.67 26/1940	1.03 26/1940	1.23 12-13/1937	1.83 12-13/1937
Dec.	Amt. Date	0.37p 10/1938	0.64p 10/1938	0.98 10/1938	1.45p 9-10/1938	1.77p 9-10/1938	1.83p 9-10/1938
Annual	Amt. Date	1.98p 9/8/40	2.01p 9/8/40	2.08 9/8/40	2.25p 9/8/40	2.38p 9/8/40	2.68 6/18-19/48

Station: MURRYSVILLE, PENNSYLVANIA

Drainage basin: MONONGAHELA

County: WESTMORELAND

Lat. 40° 26'N Long. 79° 42'W

Elev.(ft.) 980

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.29 15/1947	0.37a 24/1941	0.53 15/1947	0.81 24/1941	1.17 24/1941	1.21 24/1941
Feb.	Amt. Date	0.25 13/1948	0.39 22/1949	0.49 4/1942	0.73 4/1942	0.94 4-5/1942	1.12 4-5/1942
Mar.	Amt. Date	0.43 19/1945	0.72 14/1946	0.96 14/1946	1.19 14-15/1946	1.59 6/1945	2.26 6/1945
Apr.	Amt. Date	0.46 2/1945	0.76 11/1948	1.08 11-12/1948	1.25b 9/1942	1.86 11-12/1948	2.42 8-9/1942
May	Amt. Date	1.01 27/1946	1.84 27/1946	2.18 27/1946	2.37 27/1946	2.46 27/1946	3.24 26-37/1946
Jun.	Amt. Date	1.09 6/1947	1.35 3/1950	1.47 3/1950	2.20 12/1948	2.31 12/1948	2.85 24-25/1950
Jul.	Amt. Date	1.01 12/1944	1.37 6/1949	1.43 5/1950	1.70 5/1950	1.83 5/1950	1.91 5-6/1950
Aug.	Amt. Date	1.30 15/1941	1.70 15/1941	2.07 15/1941	2.22 15/1941	2.45 15/1941	2.45 15/1941
Sep.	Amt. Date	1.10 14/1945	1.21 14/1945	1.25 14/1945	1.56 14/1945	1.84 14/1945	2.03 13-14/1945
Oct.	Amt. Date	0.53 31/1942	0.77 31/1942	0.80 31/1942	1.24 14/1942	1.91 14/1942	2.78 14-15/1942
Nov.	Amt. Date	0.34 26/1940	0.59 26/1940	0.79 26/1940	1.10 26/1940	1.42 3-4/1950	2.33 3-4/1950
Dec.	Amt. Date	0.28E 11/1944	0.47E 11/1944	0.68E 11/1944	1.18 29/1942	1.90 29-30/1942	2.27 29-30/1942
Annual	Amt. Date	1.30 8/15/41	1.84 5/27/46	2.18 5/27/46	2.37 5/27/46	2.46 5/27/46	3.24 5/26-27/46

a Also 15/1947. b Also 11-12/1948.

Station: NEFFS MILLS, PENNSYLVANIA \*

Drainage basin: JUNIATA

County: HUNTINGDON

Lat. 40° 40' N Long. 77° 55' W

Elev.(ft.) 960

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.26 10/1950	0.41 10/1950	0.48 15/1947	0.62 3-4/1942	0.95 1/1948	1.23 3-4/1944
Feb.	Amt. Date	0.23 22/1949	0.32 22/1949	0.38 22/1945	0.56 22/1945	0.63 13-14/1948	0.81 12-13/1950
Mar.	Amt. Date	0.36 21/1945	0.66 21/1945	0.87 21/1945	0.91 21/1945	1.60p 29/1942	2.26p 28-29/1942
Apr.	Amt. Date	0.38a 20/1943	0.60 20/1943	0.77 20/1943	0.91 24/1948	1.32 11-12/1948	1.99 11-12/1948
May	Amt. Date	1.35 12/1948	1.46 12/1948	1.47 12/1948	1.63 17/1945	1.64 17/1945	2.00p 16-17/1945
Jun.	Amt. Date	1.20 7/1947	1.30 7/1947	1.39 7/1947	1.71 11-12/1946	1.98 11-12/1946	2.10 11-12/1946
Jul.	Amt. Date	1.57 6/1949	2.94 6/1949	3.03 6/1949	3.31 6/1949	3.31 6/1949	3.95 6-7/1949
Aug.	Amt. Date	1.30 18/1950	1.44 18/1950	1.48 18/1950	1.58p 24/1945	2.47p 24/1945	3.03E 18-19/1950
Sep.	Amt. Date	1.18 10/1950	1.43 10/1950	1.46 10/1950	1.50 10/1950	1.50 10/1950	1.65 23-24/1946
Oct.	Amt. Date	0.70 9/1950	0.83 9/1950	0.92 9/1950	0.98 9/1950	1.03 25-26/1946	1.60 20-21/1944
Nov.	Amt. Date	0.40 6/1948	0.52 6/1948	0.86 6/1948	1.51 6/1948	1.64 6/1948	1.68 6-7/1948
Dec.	Amt. Date	0.45 24/1941	0.70 24/1941	1.10 24/1941	1.30 24/1941	1.62p 29-30/1942	2.04p 29-30/1942
Annual	Amt. Date	1.57 7/6/49	2.94 7/6/49	3.03 7/6/49	3.31 7/6/49	3.31 7/6/49	3.95 7/6-7/49

\*Formerly Charter Oak, Pennsylvania  
a Also 26/1945.

Station: NEW CASTLE, PENNSYLVANIA

Drainage basin: BEAVER

County: LAWRENCE

Lat. 41° 01' N Long. 80° 22' W

Elev.(ft.) 900

Period of record: 1937-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.33 30/1939	0.57 30/1939	0.78 30/1939	1.04 30/1939	1.15 29-30/1939	1.27 30-31/1939	
Feb.	0.34a 15/1939	0.58 26/1946	0.80 26/1946	1.24 26/1946	1.30 26/1946	1.35 26/1946	
Mar.	0.50 19/1948	0.53 12/1939	0.79 12/1939	1.26 12/1939	1.54 11-12/1939	1.99 11-12/1939	
Apr.	0.70 24/1944	0.71b 24/1944	0.88 24/1944	1.18 16/1947	1.49 19-20/1940	1.88p 19-20/1940	
May	1.13p 26/1946	1.29p 30/1942	1.29 30/1942	1.66 15-16/1942	2.30 27/1946	3.48p 26-27/1946	
Jun.	1.40p 15/1940	1.41p 15/1940	1.41 15/1940	2.12p 25/1938	2.16p 25-26/1938	3.00p 25-26/1938	
Jul.	1.77p 26/1939	1.83p 26/1939	1.84 26/1939	2.14p 18/1941	2.28p 30/1941	2.44p 30/1941	
Aug.	1.64p 8/1942	2.04p 8/1942	2.05 8/1942	2.07p 15/1941	2.16p 15/1941	2.42 11/1948	
Sep.	0.93p 3/1941	1.19 11/1950	1.19 11/1950	1.19 11/1950	1.33 12/1938	1.46 8-9/1945	
Oct.	0.48p 15/1943	0.76 2/1945	0.88 2/1945	1.32p 15/1943	1.50 1-2/1945	1.65 11-12/1946	
Nov.	0.34 6/1941	0.48c 18/1938	0.59 6/1941	0.79 20/1950	0.90 4/1950	1.20 3-4/1950	
Dec.	0.49 16/1948	0.95 16/1948	1.04 16/1948	1.17 16/1948	1.21 16/1948	1.70 15-16/1948	
Annual	1.77p 7/26/39	2.04p 8/8/42	2.05 8/8/42	2.14p 7/18/41	2.30 5/27/46	3.48p 5/26-27/46	

a Also 26/1946. b Also 5/1947. c Also 6/1941.

Station: PALMERTON, PENNSYLVANIA

Drainage basin: LEHIGH

County: CARBON

Lat. 40° 48' N Long. 75° 37' W

Elev.(ft.) 435

Period of record: 1941-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.44 30/1947	0.87 30/1947	1.27 30/1947	1.76 30-31/1947	1.76 30-31/1947	1.82 3-4/1944	
Feb.	0.31 14/1944	0.60 14/1944	0.71 14/1944	0.81 19-20/1946	0.97 19-20/1946	1.00 19-20/1946	
Mar.	0.39 25/1947	0.63 8/1950	0.87 31-1/1948	1.37 31-1/1948	1.73 13-14/1947	2.04 13-14/1947	
Apr.	0.51 24/1944	0.77 24/1944	0.88 30/1947	1.37 31-1/1948	1.55 30-1/1947	1.67 18/1949	
May	0.88 25/1947	1.21 22/1942	1.85 22/1942	2.59 22/1942	2.88 22-23/1942	3.11 22-23/1942	
Jun.	1.45 17/1943	1.47 17/1943	1.47 17/1943	1.57 12/1942	1.73 7/1948	1.79 7/1948	
Jul.	1.65 15/1945	2.31 26/1942	2.66 14-15/1945	3.24 14-15/1945	3.79 14-15/1945	4.05 14-15/1945	
Aug.	1.13 22/1948	1.25 7/1947	1.26 7/1947	2.12 5/1948	2.65 5/1948	2.65 5/1948	
Sep.	1.89 9/1945	2.42 9/1945	2.73 9/1945	2.96 9/1945	3.83 27/1942	5.63 26-27/1942	
Oct.	0.47 26/1942	0.75 26/1942	1.03 26/1942	1.69 26/1942	2.03 26/1942	2.19 25-26/1943	
Nov.	0.97 4/1950	1.21 25/1950	1.43 25/1950	2.02 25/1950	3.02 25/1950	3.18 25/1950	
Dec.	0.58 4/1950	0.98 4/1950	1.16 4/1950	2.21 4/1950	2.78 4/1950	2.80 4/1950	
Annual	1.89 9/9/45	2.42 9/9/45	2.73 9/9/45	3.24 7/14-15/45	3.83 9/27/42	5.63 9/26-27/42	

Station: PARKERS LANDING, PENNSYLVANIA

Drainage basin: ALLEGHENY

County: CLARION

Lat. 41° 06'N Long. 79° 40'W

Elev.(ft.) 1100

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.29 30/1939	0.55 30/1939	0.79 30/1939	1.17 30/1939	1.42 10/1950	1.50 10/1950
Feb.	Amt. Date	0.32 26/1946	0.57 26/1946	0.77 26/1946	1.27 26-27/1946	1.38 26-27/1946	1.60 13/1950
Mar.	Amt. Date	0.47p 21/1945	0.64 27/1944	0.85E 21/1945	1.20 12/1939	1.57E 21/1945	2.31p 11-12/1939
Apr.	Amt. Date	1.03p 2/1945	1.03p 2/1945	1.03 2/1945	1.03p 2/1945	1.57 27/1948	1.88 19-20/1940
May	Amt. Date	1.16p 21/1939	1.16p 21/1939	1.19 23/1940	1.29 23/1940	1.68 19-20/1949	2.28 27/1946
Jun.	Amt. Date	1.40p 18/1940	1.46p 18/1940	1.46 18/1940	1.60p 18/1940	1.65p 18/1940	1.87p 17-18/1940
Jul.	Amt. Date	1.37p 18/1941	1.60p 30/1941	2.22 18/1941	2.75p 18/1941	2.87 18-19/1941	3.31p 30/1941
Aug.	Amt. Date	1.78p 25/1941	2.40 19/1950	2.45 19/1950	2.64 19/1950	2.84 18-19/1950	3.10 18-19/1950
Sep.	Amt. Date	0.79p 20/1944	0.80p 20/1944	0.99 18/1949	1.24 18/1949	1.34 18/1949	1.60 17-18/1945
Oct.	Amt. Date	0.76p 27/1939	0.88p 27/1939	1.08 27/1939	1.38p 27/1939	1.60p 27/1939	2.04p 14-15/1942
Nov.	Amt. Date	0.38 1/1940	0.52 3/1947	0.67 3/1947	1.08 1/1940	1.50 1/1940	1.97 24-25/1950
Dec.	Amt. Date	0.31a 27/1940	0.55 12/1948	0.83 16/1948	0.99 11/1944	1.19 11-12/1944	1.61 15-16/1948
Annual	Amt. Date	1.78p 8/25/41	2.40 8/19/50	2.45 8/19/50	2.75p 7/18/41	2.87 7/18-19/41	3.31p 7/30/41

a Also 12/1948 and 2/1950.



Station: PHILADELPHIA POINT BREEZE, PENNSYLVANIA

Drainage basin: DELAWARE

County: PHILADELPHIA

Lat. 39° 55' N Long. 75° 12' W

Elev.(ft.) 85

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 1/1948	0.58 1/1948	0.80 1/1948	1.27 1/1948	1.79 1/1948	2.00 1-2/1948
Feb.	Amt. Date	0.28 19/1946	0.50 19/1946	0.76 19-20/1946	1.14 19-20/1946	1.46 19-20/1946	1.46 19-20/1946
Mar.	Amt. Date	0.52 3/1942	1.00 3/1942	1.24 2-3/1942	1.45 2-3/1942	1.79 7-8/1941	2.34 7-8/1941
Apr.	Amt. Date	1.40 30/1947	2.25 30/1947	2.75 30/1947	3.55 30/1947	3.55 30/1947	3.64 30-1/1947
May	Amt. Date	1.00 12/1946	1.13 12/1946	1.16a 14/1946	1.50 22/1947	1.82E 30-1/1947	3.64 30-1/1947
Jun.	Amt. Date	1.04 17/1943	1.25 28/1945	1.32 28/1945	1.73 1-2/1946	3.07 1-2/1946	3.80 1-2/1946
Jul.	Amt. Date	1.76 5/1945	2.58 5/1945	2.62 5/1945	2.73 5/1945	2.73 5/1945	3.37 23-24/1946
Aug.	Amt. Date	2.16 12/1942	2.28b 12/1942	2.60 3/1950	2.85 3/1950	2.95 3/1950	3.06 12-13/1942
Sep.	Amt. Date	1.07 24/1946	1.44 13/1944	1.68 13/1944	1.86 13/1944	3.14 13/1944	3.18 13/1944
Oct.	Amt. Date	0.49 29/1947	0.78 28/1947	1.07 28/1947	1.39 28/1947	2.20 28-29/1947	2.21 28-29/1947
Nov.	Amt. Date	0.88 8/1943	1.06 8-9/1943	1.17c 8-9/1943	1.88 28/1945	2.91 28-29/1945	3.54 28-29/1945
Dec.	Amt. Date	0.53 13/1941	0.74 13/1941	1.10 13/1941	1.93 13/1941	2.56 13/1941	3.03 13/1941
Annual	Amt. Date	2.16 8/12/42	2.58 7/5/45	2.75 4/30/47	3.55 4/30/47	3.55 4/30/47	3.80 6/1-2/46

a Also 22/1947.    b Also 3/1950.    c Also 28/1945.



Station: PHILADELPHIA WB AP, PENNSYLVANIA

Drainage basin: DELAWARE

County: PHILADELPHIA

Lat. 39° 53' N Long. 75° 14' W

Elev.(ft.) 20

Period of record: 1946-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.33 1/1948	0.58 1/1948	0.77 1/1948	1.18 1/1948	1.57 1/1948	1.78 1-2/1948
Feb.	Amt. Date	0.28 20/1947	0.50 20/1947	0.60 20/1947	0.82 20/1947	1.26 20-21/1947	1.42 20-21/1947
Mar.	Amt. Date	0.33a 23/1949	0.56 22-23/1950	0.76 22-23/1950	1.06 31-1/1948	1.46 31-1/1948	1.53 31-1/1948
Apr.	Amt. Date	1.26 30/1947	2.02 30/1947	2.52 30/1947	3.62 30-1/1947	3.82 30-1/1947	3.91 30-1/1947
May	Amt. Date	0.94 20/1949	1.09 30-1/1947	1.81E 30-1/1947	3.62 30-1/1947	3.82 30-1/1947	3.91 30-1/1947
Jun.	Amt. Date	0.84 6/1947	1.05 19/1948	1.20 19/1948	1.50 1-2/1946	2.25 1-2/1946	3.02 1-2/1946
Jul.	Amt. Date	1.65 22/1946	1.92 22/1946	2.07 22/1946	2.73 22/1946	2.88 22/1946	4.42 22-23/1946
Aug.	Amt. Date	1.17 4/1949	1.81 3/1950	1.95 3/1950	2.07 3/1950	2.17 3/1950	2.17 3/1950
Sep.	Amt. Date	0.83 24/1946	1.11 24/1946	1.21 24/1946	1.33 24/1946	1.35 24/1946	1.45 23-24/1946
Oct.	Amt. Date	0.37 28/1947	0.72 28/1947	0.90 28/1947	1.27 28/1947	1.90 28-29/1947	1.91 28-29/1947
Nov.	Amt. Date	0.94 4/1950	1.07 4/1950	1.38 25/1950	2.18 25/1950	3.38 25/1950	3.46 25/1950
Dec.	Amt. Date	0.48 30/1948	0.70 30/1948	0.86 30/1948	1.29 30/1948	1.75 30/1948	2.30 30/1948
Annual	Amt. Date	1.65 7/22/46	2.02 4/30/47	2.52 4/30/47	3.62 4/30- 5-1/47	3.82 4/30- 5-1/47	4.42 7/22-23/46

a Also 23/1950.

Station: PHILADELPHIA WB CITY, PENNSYLVANIA\*

Drainage basin: DELAWARE

County: PHILADELPHIA

Lat. 39° 57' N Long. 75° 09' W

Elev.(ft.) 26

Period of record: 1937-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.73x 30/1939	0.80w 30/1939	0.91 1/1948	1.54 1/1948	2.00 1-2/1948	2.49x 29-30/1939
Feb.	Amt. Date	0.61x 28/1939	0.81 28/1939	0.90 28/1939	1.00 20/1947	1.52 20-21/1947	1.73x 20-21/1947
Mar.	Amt. Date	0.42a 6/1943	0.74 22-23/1950	0.98 22-23/1950	1.25 6/1943	1.52 6/1943	1.87x 3-4/1940
Apr.	Amt. Date	1.15w 30/1947	2.02w 30/1947	2.57w 30/1947	3.71 30-1/1947	3.91 30-1/1947	4.06x 30-1/1947
May	Amt. Date	1.40w 20/1949	1.46w 20/1949	1.86E 30-1/1947	3.71 30-1/1947	3.91 30-1/1947	4.06x 30-1/1947
Jun.	Amt. Date	1.52x 11/1938	2.32w 11-12/1938	2.40w 11-12/1938	2.40 11-12/1938	3.19 1-2/1946	4.59x 26-27/1938
Jul.	Amt. Date	2.65x 27/1942	2.75 5/1945	2.77 5/1945	2.85 27/1942	2.95 9-10/1950	3.53 9-10/1950
Aug.	Amt. Date	1.62w 30/1947	2.25 3/1950	2.99 3/1950	3.65 3/1950	3.85 3/1950	3.85 3/1950
Sep.	Amt. Date	1.42x 1/1940	1.79w 24/1946	2.00 1/1940	2.47 1/1940	3.18 1/1940	3.94x 19-20/1938
Oct.	Amt. Date	0.66x 5/1937	0.92 28/1947	1.15 28/1947	1.53 28/1947	2.28 28-29/1947	2.29x 28-29/1947
Nov.	Amt. Date	0.78w 8/1947	0.97 8-9/1943	1.13 28/1945	1.78 28/1945	2.90 28-29/1945	3.39 28-29/1945
Dec.	Amt. Date	0.61x 13/1941	0.82 13/1941	1.12 13/1941	1.93 13/1941	2.58 13/1941	3.03 13/1941
Annual	Amt. Date	2.65x 7/27/42	2.75 7/5/45	2.99 8/3/50	3.71 4/30/5-1/47	3.91 4/30/5-1/47	4.59x 6/26-27/38

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

a Also 23/1949 and 23/1950

Station: PHILADELPHIA WB CITY, PENNSYLVANIA

Drainage basin: DELAWARE

County: PHILADELPHIA

Lat. 39° 57'N Long. 75° 09'W

Elev.(ft.) 26

Period of record: 1890-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.73x 30/1939	0.91x 9/1936	1.07 9/1936	1.54 1/1948	2.09 12-13/1915	3.33x 12-13/1915
Feb.	Amt. Date	1.11w 28/1902	1.24 28/1902	1.30 28/1902	1.85 6/1896	2.73 1-2/1915	3.86x 5-6/1896
Mar.	Amt. Date	0.87x 15/1912	1.38x 15/1912	1.66 15/1912	2.04 15/1912	2.76 15/1912	2.79x 15/1912
Apr.	Amt. Date	1.39x 21/1927	2.02w 30/1947	2.57w 30/1947	3.71 30-1/1947	3.91 30-1/1947	4.06x 30-1/1947
May	Amt. Date	1.63x 24/1933	1.74x 24/1933	1.86E 30-1/1947	3.71 30-1/1937	3.91 30-1/1947	4.06x 30-1/1947
Jun.	Amt. Date	2.01x 26/1930	2.74x 26/1930	2.76 26/1930	2.85 16/1906	3.38 16-17/1906	4.59x 26-27/1938
Jul.	Amt. Date	2.65x 27/1942	2.75 5/1945	2.77 5/1945	2.85 27/1942	2.99 10/1931	3.53 9-10/1950
Aug.	Amt. Date	3.81x 3/1898	5.48x 3/1898	5.48x 3/1898	5.48x 3/1898	5.63x 3/1898	5.89x 3-4/1898
Sep.	Amt. Date	2.26x 14/1904	2.81 16/1900	3.12 16/1900	3.61 15-16/1900	5.37 14-15/1904	5.62x 14-15/1904
Oct.	Amt. Date	1.55x 5/1906	2.23x 5/1906	2.47 4-5/1906	2.47 4-5/1906	2.49 4-5/1906	2.90 23-24/1923
Nov.	Amt. Date	0.78w 8/1947	1.18x 9-10/1932	1.50 26/1900	2.13 9-10/1932	2.90 28-29/1945	3.39 28-29/1945
Dec.	Amt. Date	0.61x 13/1941	0.97 24/1891	1.20 26/1909	1.94 25-26/1909	2.58 13/1941	3.78x 7-8/1914
Annual	Amt. Date	3.81x 8/3/98	5.48x 8/3/98	5.48x 8/3/98	5.48x 8/3/98	5.63x 8/3/98	5.89x 8/3-4/98

Station: PHILLIPSBURG CAA AP, PENNSYLVANIA\*

Drainage basin: JUNIATA

County: CENTRE

Lat. 40° 54' N Long. 78° 05' W

Elev.(ft.) 1918

Period of record: 1944-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.29 10/1950	0.56 10/1950	0.69 10/1950	1.17 10/1950	1.42 10/1950	1.59 10/1950
Feb.	Amt. Date	0.22 27/1946	0.34 27/1946	0.48 27/1946	0.72 20/1947	1.21 20/1947	1.27 26-27/1946
Mar.	Amt. Date	0.52p 21/1945	1.02p 21/1945	1.13 21/1945	1.57p 21/1945	1.69 21/1945	1.90p 21-22/1945
Apr.	Amt. Date	0.37 2/1945	0.52 2/1945	0.54 24/1950	0.90 24/1950	1.33 11-12/1948	2.03 11-12/1948
May	Amt. Date	1.70p 23/1944	1.96p 23/1944	1.97 23/1944	2.08p 23/1944	3.18p 23/1944	3.41 23-24/1944
Jun.	Amt. Date	1.13p 27/1946	1.46 1/1944	1.50 1/1944	2.21 30/1947	2.21 30/1947	2.21 30/1947
Jul.	Amt. Date	0.96 6/1949	1.30 6/1949	1.43 6/1949	1.61 6/1949	1.63 6/1949	2.01 6-7/1949
Aug.	Amt. Date	1.38 20/1947	1.71 20/1947	2.00 20/1947	2.29 20/1947	2.29 20/1947	2.34 20-21/1947
Sep.	Amt. Date	1.21 29/1946	1.63 29/1946	1.80 29/1946	1.94 29/1946	2.18 29-30/1946	2.76 17-18/1945
Oct.	Amt. Date	0.55 9/1950	0.85 9/1950	1.06 8-9/1950	1.61 8-9/1950	2.16 8-9/1950	2.94 8-9/1950
Nov.	Amt. Date	1.04 25/1950	1.64 25/1950	1.89 25/1950	2.62 25/1950	4.20 25/1950	4.20 25/1950
Dec.	Amt. Date	0.40 12/1949	0.50 12/1949	0.60a 29/1948	1.02 7/1950	1.16 7/1950	1.72 29-30/1948
Annual	Amt. Date	1.70p 5/23/44	1.96p 5/23/44	2.00 8/20/47	2.62 11/25/50	4.20 11/25/50	4.20 11/25/50

\*Formerly Black Moshannon, Pennsylvania  
a Also 12/1949.

Station: PHOENIXVILLE, PENNSYLVANIA

Drainage basin: SCHUYLKILL

County: CHESTER

Lat. 40° 07'N Long. 75° 30'W

Elev.(ft) 100

Period of record: 1938-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.36 28/1943	0.58 28/1943	0.92 28/1943	1.51 1/1948	2.14 1/1948	2.73 1-2/1948
Feb.	Amt. Date	0.42 28/1939	0.49 28/1939	0.58 19/1946	1.09 19-20/1946	1.43 19-20/1946	1.51 13-14/1950
Mar.	Amt. Date	0.60 22/1949	0.93 22/1949	1.16 22/1949	1.37 14/1940	1.86 14-15/1940	2.15 3-4/1940
Apr.	Amt. Date	0.60 1/1948	0.79 1/1948	0.97 1/1948	1.23 31-1/1948	1.76 8/1940	1.88 8/1940
May	Amt. Date	2.10p 22/1939	2.21p 22/1939	2.21 22/1939	2.34p 19-20/1943	2.49 4-5/1948	2.73p 21-22/1939
Jun.	Amt. Date	3.95p 12/1942	4.23p 12/1942	4.23 12/1942	4.35p 7-8/1938	4.35p 7-8/1938	4.35p 7-8/1938
Jul.	Amt. Date	1.55p 24/1940	1.92 13/1948	2.44 13/1948	2.90p 3/1941	3.02p 3/1941	4.27p 3-4/1941
Aug.	Amt. Date	3.60p 17/1938	4.00p 17/1938	4.05 17/1938	4.18p 9/1942	5.15p 8-9/1942	5.36 8-9/1942
Sep.	Amt. Date	1.14 9/1948	2.04 9/1948	2.14 9/1948	2.92 9/1948	3.00p 25/1940	3.95 9-10/1948
Oct.	Amt. Date	0.51 15/1943	0.84 15/1943	1.18 2/1939	1.69 2/1939	1.97 2/1939	2.28 1-2/1939
Nov.	Amt. Date	1.40 25/1950	2.20 25/1950	3.00 25/1950	5.30 25/1950	7.49 25/1950	7.70 25/1950
Dec.	Amt. Date	0.47 28/1940	0.69 28/1940	0.89 30/1942	1.31 26-27/1949	1.66 13/1941	2.00 13/1941
Annual	Amt. Date	3.95p 6/12/42	4.23p 6/12/42	4.23 6/12/42	5.30 11/25/50	7.49 11/25/50	7.70 11/25/50

**Station: PIKES CREEK, PENNSYLVANIA**

**Drainage basin: SUSQUEHANNA**

**County: LUZERNE**

**Lat. 41° 18'N Long. 76° 08'W**

**Elev.(ft.) 1320**

**Period of record: 1937-1950**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.28 19/1943	0.38 31/1942	0.56 31/1942	0.78 31/1942	1.02 20/1947	1.59 6-7/1950
Feb.	Amt. Date	0.33 15/1939	0.45 15/1939	0.52 15/1939	0.77 22/1945	1.02 21-22/1945	1.59 13-14/1940
Mar.	Amt. Date	0.42 30/1940	0.76 30/1940	0.89 30/1940	1.46p 14/1940	2.14p 14-15/1940	2.42 30/1940
Apr.	Amt. Date	0.39 19/1950	0.60 19/1950	0.79 19-20/1950	1.23 19-20/1950	1.46 19-20/1950	1.67 11-12/1948
May	Amt. Date	1.00 14/1947	1.24 14/1947	1.28 14/1947	1.48E 27/1946	2.40E 27/1946	3.91 27/1946
Jun.	Amt. Date	0.69 28/1940	0.79 28/1940	0.79 28/1940	0.86 14/1944	1.18 28/1940	1.78 26-27/1938
Jul.	Amt. Date	1.92p 31/1946	2.80p 31/1946	3.70 31/1946	4.60p 31/1946	5.12p 31/1946	5.21p 31-1/1946
Aug.	Amt. Date	1.48 26/1947	1.90 17/1947	2.03 17/1947	2.10 16-17/1947	2.61E 31-1/1946	5.21p 31-1/1946
Sep.	Amt. Date	1.20p 10/1941	1.82p 10/1941	1.83 10/1941	1.85p 10/1941	1.85p 10/1941	3.18p 31-1/1940
Oct.	Amt. Date	1.14p 16/1943	1.29p 16/1943	1.77 16/1943	2.10p 16/1943	2.10p 16/1943	2.71p 15-16/1943
Nov.	Amt. Date	0.95 4/1950	0.98 4/1950	1.07 8/1943	1.94p 8/1943	2.68p 8/1943	3.33p 8-9/1943
Dec.	Amt. Date	0.55p 10/1938	1.00p 10/1938	1.39 10/1938	1.70 10/1938	2.30 3-4/1950	2.67 3-4/1950
Annual	Amt. Date	1.92p 7/31/46	2.80p 7/31/46	3.70 7/31/46	4.60p 7/31/46	5.12p 7/31/46	5.21p 7-31- 8-1/46

Station: PINE GROVE MILLS, PENNSYLVANIA

Drainage basin: JUNIATA

County: HUNTINGDON

Lat. 40° 43' N Long. 77° 54' W

Elev.(ft.) 2060

Period of record: 1941-FEB. 1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.28 10/1950	0.41 3/1944	0.56 3/1944	0.87 3/1944	1.22 3/1944	1.49 3-4/1944
Feb.	Amt. Date	0.28 9/1942	0.31 9/1942	0.42 27/1946	0.60 27/1946	0.64 20/1947	1.02 26-27/1946
Mar.	Amt. Date	0.30 16/1942	0.38 31/1948	0.48a 7/1946	0.78 3/1942	1.16 2-3/1942	1.32 2-3/1942
Apr.	Amt. Date	0.35 24/1948	0.58 24/1948	0.66 24/1948	0.83 11-12/1948	1.29 11-12/1948	1.71 11-12/1948
May	Amt. Date	0.92 17/1945	1.00 16/1942	1.19 16/1942	1.97 17/1945	1.98 17/1945	2.31 16-17/1945
Jun.	Amt. Date	0.99 7/1947	1.05 7/1947	1.05 7/1947	1.19 13-14/1944	1.43 1-2/1946	2.23 19/1948
Jul.	Amt. Date	2.50 6/1949	3.03 6/1949	3.26 6/1949	3.60 6/1949	3.60 6/1949	3.95 6-7/1949
Aug.	Amt. Date	0.85 15/1941	1.09 15/1941	1.31 15/1941	1.46 15/1941	1.87 24/1945	2.31 23-24/1945
Sep.	Amt. Date	0.56 8/1945	0.80 8/1945	1.00 3/1942	1.00 3/1942	1.30 17-18/1945	2.02 17-18/1945
Oct.	Amt. Date	0.57 7/1944	0.62 25/1946	0.84 25/1946	0.97 25-26/1946	1.10 25-26/1946	1.34E 14-15/1942
Nov.	Amt. Date	0.43b 6/1941	0.72 6/1948	0.96 6/1948	1.72 6/1948	1.98 6/1948	1.98 6/1948
Dec.	Amt. Date	0.65 24/1941	0.85 24/1941	1.29 24/1941	1.56 24/1941	1.81 23-24/1941	2.15c 23-24/1941
Annual	Amt. Date	2.50 7/6/49	3.03 7/6/49	3.26 7/6/49	3.60 7/6/49	3.60 7/6/49	3.95 7/6-7/49

a Also 31/1948.    b Also 6/1948.    c Also 29-30/1942.



Station: PITTSBURGH WB AP, PENNSYLVANIA

Drainage basin: MONONGAHELA

County: ALLEGHENY

Lat. 40° 21'N Long. 79° 56'W

Elev.(ft.) 1273

Period of record: JULY 1935-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.32 29/1950	0.44 24/1941	0.61 30/1939	0.97 30/1939	1.17 24/1941	1.33 31-1/1945	
Feb.	0.38w 22/1949	0.57w 22/1949	0.63 19/1938	0.87 19-20/1938	1.09 19-20/1938	1.38 13-14/1940	
Mar.	0.49 6/1945	0.78 6/1945	0.91 6/1945	1.26 5-6/1945	1.93 6/1945	2.60x 5-6/1945	
Apr.	1.07w 27/1948	1.45w 27/1948	1.47w 27/1948	1.48 27/1948	1.67 8-9/1942	2.11 8-9/1942	
May	1.45 5/1950	2.05 5/1950	2.07 5/1950	2.12 5/1950	2.12 5/1950	2.36x 16-17/1945	
Jun.	1.54 24/1950	2.06 24/1950	2.11 24/1950	2.38 24/1950	2.41 24-25/1950	3.14 24-25/1950	
Jul.	1.71w 27/1943	2.12w 27/1943	2.14 27/1943	2.26 27-28/1943	2.26 27-28/1943	2.78 27-28/1943	
Aug.	1.35w 13/1944	1.54w 13/1944	1.58w 13/1944	2.01 15/1941	2.03 15/1941	2.15 26-27/1940	
Sep.	0.98w 12/1938	1.42w 29/1936	1.87w 29/1936	2.45x 29/1936	2.93x 29/1936	3.01 28-29/1936	
Oct.	0.68w 9/1936	0.86 9/1936	0.95 9/1936	1.23 9-10/1936	1.97 9-10/1936	1.97x 9-10/1936	
Nov.	0.85w 6/1941	1.11w 6/1941	1.28w 6/1941	1.33 6/1941	1.52 6/1941	2.11 3-4/1950	
Dec.	0.33 11/1944	0.34 11/1944	0.79 11/1944	1.22 11/1944	1.90 29-30/1942	2.38 29-30/1942	
Annual	1.71w 7/27/43	2.12w 7/27/43	2.14 7/27/43	2.45x 9/29/36	2.93x 9/29/36	3.14 6/24-25/50	

Station: PITTSBURGH WB CITY, PENNSYLVANIA\*

Drainage basin: OHIO

County: ALLEGHENY

Lat. 40° 26'N Long. 80° 00'W

Elev.(ft.) 749

Period of record: 1941-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.28 18/1943	0.44 30/1947	0.52 30/1947	0.86 24/1941	1.33 24/1941	1.33 24/1941
Feb.	Amt. Date	0.57 22/1949	0.62 22/1949	0.72 22/1949	0.78 21-22/1945	1.01 21-22/1945	1.10 21-22/1945
Mar.	Amt. Date	0.52 16/1942	0.95 16/1942	1.01 16/1942	1.11 5-6/1945	1.85 6/1945	2.52 6/1945
Apr.	Amt. Date	0.81 27/1948	0.83 11/1948	1.27 11-12/1948	1.63 11-12/1948	2.06 11-12/1948	2.25 11-12/1948
May	Amt. Date	1.25 27/1950	1.35 27/1950	1.37 27/1950	1.37 27/1950	1.77 16-17/1945	2.19 16-17/1945
Jun.	Amt. Date	0.95 6/1947	1.13 6-7/1947	1.24 6-7/1947	1.41 6-7/1947	2.50 6-7/1947	2.71 6-7/1947
Jul.	Amt. Date	2.09x 27/1943	2.29 27/1943	2.34 27/1943	2.53 27/1943	2.53 27/1943	3.14 27-28/1943
Aug.	Amt. Date	1.86 15/1941	2.29 15/1941	2.31 15/1941	2.39 15/1941	2.40 15/1941	2.40 15/1941
Sep.	Amt. Date	0.55 14/1945	0.69 14/1945	0.95 12/1950	1.16 25/1945	1.31 12-13/1950	1.66a 17-18/1945
Oct.	Amt. Date	0.35 13/1944	0.51 15/1943	0.68 15/1943	0.92 15/1943	1.51 15-16/1943	1.82 15-16/1943
Nov.	Amt. Date	0.48 3/1950	0.73 3/1950	0.86 3/1950	1.07 3/1950	1.59 3-4/1950	2.37 3-4/1950
Dec.	Amt. Date	0.27 15/1948	0.45 11/1944	0.62 11/1944	0.96 11/1944	1.20 11/1944	1.75 11-12/1944
Annual	Amt. Date	2.09x 7/27/43	2.29b 7/27/43	2.34 7/27/43	2.53 7/27/43	2.53 7/27/43	3.14 7/27-28/43

\*Given for comparative purposes. See next page for complete record.  
a Also 12-13/1950. b Also 8/15/1941.

Station: PITTSBURGH WB CITY, PENNSYLVANIA

Drainage basin: OHIO

County: ALLEGHENY

Lat. 40° 26'N Long. 80° 00'W

Elev.(ft.) 749

Period of record: 1895-JULY 1935, 1941-1950\*

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 19/1907	0.50a 21/1917	0.71 1/1932	1.15 1/1932	1.47E 21/1917	1.64 21/1917
Feb.	Amt. Date	0.97x 24/1930	1.42 24/1930	1.42 24/1930	1.58 24/1930	1.72 24/1930	1.72 24/1930
Mar.	Amt. Date	0.66x 31/1922	0.95 16/1942	1.01 16/1942	1.36 31/1922	1.85 6/1945	2.52 6/1945
Apr.	Amt. Date	0.82x 14/1922	0.95x 14/1922	1.27 11-12/1948	1.78 14/1922	2.06 11-12/1948	2.61x 19-20/1901
May	Amt. Date	1.25 27/1950	1.35 27/1950	1.37 27/1950	1.37 27/1950	1.77 16-17/1945	2.19 16-17/1945
Jun.	Amt. Date	1.51x 16/1912	1.73x 16/1912	1.80b 22-23/1921	2.35 28-29/1924	2.50 6-7/1947	3.19 16/1912
Jul.	Amt. Date	2.09x 27/1943	2.29 27/1943	2.34 27/1943	2.53 27/1943	2.53 27/1943	3.76 14-15/1919
Aug.	Amt. Date	1.86 15/1941	2.29 15/1941	2.35x 15/1941	2.39 15/1941	2.40 15/1941	2.40 15/1941
Sep.	Amt. Date	1.65x 8/1910	1.78x 8/1910	1.82 8/1910	2.16 20/1906	2.29 15/1911	2.41 28-29/1924
Oct.	Amt. Date	0.75x 1/1913	0.95 1/1913	0.99 1/1913	1.27 17/1911	2.13 2/1929	3.22 2/1929
Nov.	Amt. Date	0.49w 16/1926	0.73 3/1950	0.90 15-16/1926	1.55 15-16/1926	2.00 15-16/1926	2.37 3-4/1950
Dec.	Amt. Date	0.42x 31/1923	0.45 11/1944	0.62 11/1944	0.96 11/1944	1.64 14/1901	2.44x 14-15/1901
Annual	Amt. Date	2.09x 7/27/43	2.29c 7/27/43	2.35x 8/15/41	2.53 7/27/43	2.53 7/27/43	3.76 7/14-15/19

\*Period July 1935 thru Dec. 1941 not available.

a Also 1/1932. b Also 28/1941. c Also 8/15/41.

Station: PLEASANT MOUNT, PENNSYLVANIA

Drainage basin: DELAWARE

County: WAYNE

Lat. 41° 44' N Long. 75° 27' W

Elev.(ft.) 1810

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.32 30/1947	0.47 30/1947	0.62 30/1939	0.95 30/1939	1.22 30/1939	1.60 5-6/1949
Feb.	Amt. Date	0.46 15/1939	0.66 15/1939	0.70 15/1939	0.87 15/1939	1.13 7/1941	1.35 13-14/1940
Mar.	Amt. Date	0.45 21/1948	0.58 21/1948	0.71 8/1950	1.04 31-1/1948	1.55 30/1940	2.23 30-31/1940
Apr.	Amt. Date	0.37 5/1947	0.60 5/1947	0.83 5/1947	1.51 5/1947	2.31 5/1947	2.68 4-5/1947
May	Amt. Date	1.20p 22/1942	2.25p 22/1942	2.42 22/1942	3.46p 22/1942	3.92p 22-23/1942	4.16p 22-23/1942
Jun.	Amt. Date	1.12p 19/1942	1.80 1/1942	1.90 1/1942	2.03 1/1942	2.12 1/1942	2.41p 23-24/1940
Jul.	Amt. Date	1.28 7/1947	1.50 7/1947	1.78 7/1947	2.58 7/1947	3.70 7-8/1947	4.32 7-8/1947
Aug.	Amt. Date	1.70p 24/1939	2.10p 24/1939	2.25 24/1939	2.85p 10-11/1938	3.58p 10-11/1938	3.58p 10-11/1938
Sep.	Amt. Date	0.76 3/1939	1.21 3/1939	1.22 3/1939	1.47 21/1938	2.03 21/1938	2.83 26-27/1942
Oct.	Amt. Date	0.56 29/1947	0.86 29/1947	0.89 26/1943	1.72p 26/1943	2.46p 26/1943	2.81p 26-27/1943
Nov.	Amt. Date	0.73 4/1950	0.98p 8/1943	1.25 25/1950	2.10 25/1950	3.22 25/1950	3.61 25/1950
Dec.	Amt. Date	0.41 5/1938	0.60 12/1949	0.80 12/1949	1.24 4/1950	1.51 3-4/1950	1.77 29-30/1948
Annual	Amt. Date	1.70p 8/24/39	2.25p 5/22/42	2.42 5/22/42	3.46p 5/22/42	3.92p 5/22-23/42	4.32 7/7-8/47

Station: PORT CLINTON, PENNSYLVANIA

Drainage basin: SCHUYLKILL

County: SCHUYLKILL

Lat. 40° 35' N Long. 76° 02' W

Elev.(ft.) 430

Period of record: 1938-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.48a 18/1943	0.88 30/1947	1.06 30/1947	1.38 30-31/1947	2.15 5/1949	2.67 5-6/1949
Feb.	Amt. Date	0.32 28/1939	0.50 28/1939	0.62 28/1939	0.86 28/1939	1.05 26/1939	1.07 26/1939
Mar.	Amt. Date	0.45 9/1942	0.73 9/1942	0.87 14/1940	1.49 14/1940	2.23 14-15/1940	2.46 14-15/1940
Apr.	Amt. Date	0.76 24/1944	0.85 24/1944	0.90 24/1944	1.25 8/1940	1.98 8/1940	2.30 8/1940
May	Amt. Date	1.25p 22/1942	2.15p 22/1942	2.59 22/1942	2.95p 22/1942	3.60p 22/1942	5.20p 21-22/1942
Jun.	Amt. Date	0.97 12/1942	1.76p 27/1938	1.96 27/1938	2.10p 27/1938	2.90p 27/1938	3.38p 26-27/1938
Jul.	Amt. Date	1.30p 4/1942	1.50 21/1948	1.75 8/1947	2.35 7-8/1947	3.85 7-8/1947	4.25 7-8/1947
Aug.	Amt. Date	0.92p 5/1944	1.49p 5/1944	1.59 5/1944	1.80p 31/1940	2.50p 31/1940	3.43p 31/1940
Sep.	Amt. Date	1.45p 27/1942	1.80p 27/1942	1.94 15/1938	2.12p 14-15/1938	3.85p 27/1942	5.45p 26-27/1942
Oct.	Amt. Date	0.65 26/1946	1.12 26/1946	1.30 26/1946	1.58 26/1946	1.90 26/1943	2.82 25-26/1943
Nov.	Amt. Date	0.88p 8/1943	1.35p 8/1943	1.54 8/1943	2.18p 8/1943	3.05E 25/1950	3.88 25/1950
Dec.	Amt. Date	0.75 4/1950	1.45 4/1950	1.95 4/1950	2.80 4/1950	3.58 4/1950	3.74 3-4/1950
Annual	Amt. Date	1.45p 9/27/42	2.15p 5/22/42	2.59 5/22/42	2.95p 5/22/42	3.85p 7/7-8/47	5.45p 9/26-27/42

a Also 30/ 1947.      b Also 9/27/42.

Station: PUNXSUTAWNEY, PENNSYLVANIA

Drainage basin: ALLEGHENY

County: JEFFERSON

Lat. 40° 57' N Long. 78° 58' W

Elev.(ft.) 1320

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.34 30/1939	0.67 30/1939	0.90 30/1939	1.33 10/1950	1.56 10/1950	1.63 30-31/1939
Feb.	Amt. Date	0.36 22/1949	0.47 22/1949	0.52a 15/1939	0.76 13/1948	1.32 13/1948	1.64 13-14/1948
Mar.	Amt. Date	0.42 19/1948	0.55 12/1939	0.77 12/1939	1.02 12/1939	1.13 12/1939	1.67 12-13/1939
Apr.	Amt. Date	0.35 5/1947	0.53 5/1947	0.65 11/1948	1.07 11/1948	1.65 11/1948	2.31 11-12/1948
May	Amt. Date	0.80p 26/1940	1.08p 26/1940	1.17 26/1940	1.31 26-27/1940	1.54 19-20/1940	1.80 17-18/1947
Jun.	Amt. Date	1.23p 27/1946	1.76p 29/1944	1.76 29/1944	1.86 12/1948	2.15 23/1944	2.20p 27/1946
Jul.	Amt. Date	1.27p 8/1939	1.52p 4/1943	2.07 4/1943	2.77p 4/1943	2.78p 4/1943	2.90p 4-5/1943
Aug.	Amt. Date	1.20p 15/1941	2.00p 15/1941	2.03 15/1941	2.45p 15/1941	3.27p 15/1941	3.32 15/1941
Sep.	Amt. Date	0.85p 8/1942	0.85p 8/1942	0.86 8/1942	1.03p 14/1941	1.59p 14/1945	1.92p 13-14/1945
Oct.	Amt. Date	0.55 27/1939	0.68 3/1941	0.96 3/1941	1.20 3/1941	1.60p 14-15/1942	2.04p 14-15/1942
Nov.	Amt. Date	0.39 13/1938	0.49 19/1950	0.78 19/1950	1.18 19-20/1950	1.31 19-20/1950	2.12 3-4/1950
Dec.	Amt. Date	0.32 12/1948	0.46 26/1938	0.59 30/1942	0.97p 29-30/1942	1.54p 29-30/1942	2.07p 29-30/1942
Annual	Amt. Date	1.27p 7/8/39	2.00p 8/15/41	2.07 7/4/43	2.77p 7/4/43	3.27p 8/15/41	3.32 8/15/41

a Also 13/1948.

Station: PUTNEYVILLE, PENNSYLVANIA\*

Drainage basin: ALLEGHENY

County: ARMSTRONG

Lat. 40° 55' N Long. 79° 17' W

Elev. (ft.) 1270

Period of record: 1941-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.28 10/1950	0.54 10/1950	0.64 10/1950	1.16 10/1950	1.40 10/1950	1.44 10/1950	
Feb.	0.28 22/1949	0.33a 26/1946	0.53 26/1946	0.79 26-27/1946	1.07 13/1948	1.41 13-14/1948	
Mar.	0.41 19/1948	0.43 19/1948	0.58 19/1943	0.84 19/1943	1.13 2-3/1942	1.64 6/1945	
Apr.	1.23 27/1948	1.69 27/1948	1.79 27/1948	1.81 27/1948	2.36 27/1948	2.36 27/1948	
May	0.69 23/1944	0.73 23/1944	1.02 25/1943	1.15 25/1943	1.64 19-20/1949	1.76b 5-6/1944	
Jun.	0.93 23/1944	1.42 23/1944	1.43 23/1944	1.45 23/1944	1.55 23/1944	2.15 23/1944	
Jul.	1.61 16/1941	1.85 16/1941	1.86 16/1941	1.98 4/1943	2.23 4-5/1943	2.42 4-5/1943	
Aug.	1.24 1/1946	1.69 15/1941	2.06 17/1946	2.50 11/1948	3.15 15/1941	3.49 15/1941	
Sep.	0.82 13/1947	0.82 13/1947	0.85 1/1944	1.19 17-18/1945	1.58 17-18/1945	1.86 17-18/1945	
Oct.	0.91 6/1941	0.94 6/1941	1.09 3/1941	1.49 3/1941	1.96 14-15/1942	2.79 14-15/1942	
Nov.	0.32 3/1950	0.53 20/1950	0.77 20/1950	1.15 20/1950	1.24 20/1950	2.13 3-4/1950	
Dec.	0.30 30/1942	0.50 30/1942	0.63 30/1942	0.87 29-30/1942	1.22 29-30/1942	1.78 29-30/1942	
Annual	1.61 7/16/41	1.85 7/16/41	2.06 8/17/46	2.50 8/11/48	3.15 8/15/41	3.49 8/15/41	

\*Formerly Mahoning Dam, Pennsylvania.

a Also 22/1949. b Also 19-20/1949



**Station: RAYMOND, PENNSYLVANIA**

**Drainage basin:** ST. LAWRENCE

**County:** POTTER

**Lat.** 41° 52' N **Long.** 77° 52' W

**Elev.(ft.)** 2220

**Period of record:** 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.39p 30/1939	0.60p 30/1939	0.72 30/1939	1.08p 30/1939	1.37p 30/1939	1.46p 30/1939
Feb.	Amt. Date	0.43 22/1944	0.62 22/1944	0.63 22/1944	0.85a 13/1938	1.11 13/1938	1.19 13-14/1950
Mar.	Amt. Date	1.09 21/1948	1.25 21/1948	1.69 21/1948	2.20 21-22/1948	2.46 21-22/1948	2.69 21-22/1948
Apr.	Amt. Date	0.54 5/1947	1.03 5/1947	1.29 5/1947	1.76 5/1947	2.08 5/1947	2.28 5/1947
May	Amt. Date	0.82p 20/1939	1.23p 17/1945	1.30 17/1945	1.80p 27/1946	3.04p 27/1946	4.00p 26-27/1946
Jun.	Amt. Date	0.92 28/1943	0.93 28/1943	0.94 28/1943	1.11 1-2/1945	1.82p 18-19/1944	2.51 26-27/1938
Jul.	Amt. Date	2.55p 17/1942	3.20p 17-18/1942	3.21 17-18/1942	5.03p 17-18/1942	5.87p 17-18/1942	5.94p 17-18/1942
Aug.	Amt. Date	0.93 18/1950	1.33 10/1943	1.43 10/1943	1.75 18/1950	1.94 18-19/1950	2.92 18-19/1950
Sep.	Amt. Date	0.86p 4/1944	0.89c 9/1948	1.07 14/1938	1.92p 14/1938	2.71p 14/1938	2.74p 14-15/1938
Oct.	Amt. Date	0.52 9/1950	0.93 9/1950	1.26 8-9/1950	1.83 8-9/1950	2.88 8-9/1950	3.14 8-9/1950
Nov.	Amt. Date	0.45 6/1948	0.71 6/1948	0.97 6/1948	1.42 6/1948	1.54 6/1948	1.54 6/1948
Dec.	Amt. Date	0.29b 3/1939	0.54 24/1941	0.67 24/1941	1.04 24/1941	1.23 24/1941	1.49 23-24/1941
Annual	Amt. Date	2.55p 7/17/42	3.20p 7/17-18/42	3.21 7/17-18/42	5.03p 7/17-18/42	5.87p 7/17-18/42	5.94p 7/17-18/42

a Also 22-23/1944.      b Also 27/1940.      c Also 4/1944.

Station: READING WB CITY, PENNSYLVANIA\*

Drainage basin: SCHUYLKILL

County: BERKS

Lat. 40° 22' N Long. 75° 58' W

Elev.(ft.) 226

Period of record: 1937-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.66 30/1939	0.83 30/1939	0.93 30/1939	1.11 16/1945	1.90 5/1949	2.26x 5-6/1949
Feb.	Amt. Date	0.56x 21/1937	0.61 21-22/1937	0.75 28/1939	1.00 20/1947	1.28 20-21/1947	1.46x 20-21/1947
Mar.	Amt. Date	0.62w 25/1947	0.80w 25/1947	0.92 22-23/1950	1.33 22-23/1950	1.68 22-23/1950	1.87 22-23/1950
Apr.	Amt. Date	0.80w 30/1947	0.88 24/1944	1.05w 30/1947	1.22 30/1947	1.50 8/1940	1.67 8/1940
May	Amt. Date	1.16w 27/1944	1.22w 22/1942	1.59 22/1942	2.54 22/1942	2.98 22/1942	4.32x 21-22/1942
Jun.	Amt. Date	1.79w 30/1939	2.77x 30/1939	2.90w 30/1939	2.90 30/1939	3.90 2/1946	4.16x 1-2/1946
Jul.	Amt. Date	1.56w 31/1942	2.06w 17/1947	2.12w 17/1947	2.75 17/1947	2.85 17/1947	3.10w 17/1947
Aug.	Amt. Date	1.70w 13/1947	1.72w 13/1947	1.74w 11/1937	2.53 9/1942	2.98 8-9/1942	3.09 8-9/1942
Sep.	Amt. Date	1.28w 18/1945	1.72w 18/1945	2.13w 18/1945	2.62 18/1945	2.91 18/1945	3.08 26-27/1942
Oct.	Amt. Date	0.79w 23/1937	1.02w 23/1937	1.16w 23/1937	1.38 23/1937	2.18 22-23/1937	2.61 25-26/1943
Nov.	Amt. Date	0.91 25/1950	1.76 25/1950	2.07 25/1950	3.83 25/1950	5.75 25/1950	6.08 25/1950
Dec.	Amt. Date	0.39 16/1940	0.74 16/1940	0.91 16/1940	1.27 16/1940	1.75 13/1941	2.14x 29-30/1948
Annual	Amt. Date	1.79w 6/30/39	2.77x 6/30/39	2.90w 6/30/39	3.83 11/25/50	5.75 11/25/50	6.08 11/25/50

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

Station: READING WB CITY, PENNSYLVANIA

Drainage basin: SCHUYLKILL

County: BERKS

Lat. 40° 22'N Long. 75° 58'W

Elev.(ft.) 226

Period of record: 1912-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.66 30/1939	0.83 30/1939	1.03 25/1924	1.41a 12-13/1915	2.11 12-13/1915	2.85x 12-13/1915
Feb.	Amt. Date	0.56x 21/1937	0.63x 1/1915	0.92 1/1915	1.45 1/1915	1.97 1/1915	3.26x 1-2/1915
Mar.	Amt. Date	0.93x 27/1913	1.12x 28/1932	1.29 28/1932	1.80 27-28/1932	2.28 27-28/1932	2.51x 27-28/1932
Apr.	Amt. Date	1.70 15/1921	1.75x 15/1921	1.75 15/1921	2.26 15/1921	2.31 15/1921	2.43x 27-28/1913
May	Amt. Date	1.28x 29/1933	1.39 29/1933	1.59 22/1942	2.54 22/1942	2.98 22/1942	4.32x 21-22/1942
Jun.	Amt. Date	1.88x 17/1922	2.77x 30/1939	2.90w 30/1939	2.90 30/1939	3.90 2/1946	4.16x 1-2/1946
Jul.	Amt. Date	2.68x 21/1916	4.89x 21/1916	5.04x 21/1916	5.26x 21/1916	5.27 21/1916	5.28x 21/1916
Aug.	Amt. Date	2.28w 7/1932	3.34w 17/1919	4.29w 17/1919	5.19 17-18/1919	5.28x 17-18/1919	5.45x 17-18/1919
Sep.	Amt. Date	1.71w 29/1934	2.28w 29/1934	2.41 29/1934	2.96 29/1934	3.07 29-30/1934	3.82x 29-30/1924
Oct.	Amt. Date	1.24x 5/1928	1.26x 5/1928	1.49 2/1929	2.27 2/1929	3.15 2/1929	3.61x 1-2/1929
Nov.	Amt. Date	0.91 25/1950	1.76 25/1950	2.07 25/1950	3.83 25/1950	5.75 25/1950	6.08 25/1950
Dec.	Amt. Date	0.43x 28/1922	0.74 16/1940	0.91 16/1940	1.27 16/1940	1.77 7/1914	2.27x 7-8/1914
Annual	Amt. Date	2.68x 7/21/16	4.89x 7/21/16	5.04x 7/21/16	5.26x 7/21/16	5.75 11/25/50	6.08 11/25/50

a. Also 24-25/1924.

Station: RIDGWAY, PENNSYLVANIA

Drainage basin: ALLEGHENY

County: ELK

Lat. 41° 26'N Long. 78° 44'W

Elev.(ft.) 1371

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.23 9/1946	0.36 10/1950	0.47 10/1950	0.77 10/1950	0.99 10/1950	1.17 9-10/1950
Feb.	Amt. Date	0.28 13/1948	0.38 26/1946	0.56 26/1946	0.92 26-27/1946	1.17 13/1950	1.72 13-14/1950
Mar.	Amt. Date	0.61 16/1942	0.78 16/1942	0.88 16/1942	0.91 16/1942	1.30 5/1938	1.73E 21-22/1945
Apr.	Amt. Date	0.56 5/1947	1.01 18/1941	1.38 18/1941	1.39 18-19/1941	1.39 18-19/1941	1.62 11-12/1948
May	Amt. Date	1.06 20/1939	1.45 20/1939	1.50 20/1939	1.72 20/1939	1.81p 25/1943	2.01p 25-26/1943
Jun.	Amt. Date	0.96 12/1942	1.05 6/1947	1.57 13/1941	1.77 6-7/1947	2.04p 26-27/1938	2.79p 26-27/1938
Jul.	Amt. Date	1.44p 18/1942	1.94p 16/1941	2.06 16/1941	2.40p 18/1942	2.42p 18/1942	3.61p 17-18/1942
Aug.	Amt. Date	1.45p 13/1943	1.47p 13/1943	1.47 13/1943	1.52p 13/1943	2.19 17-18/1949	2.33 18-19/1950
Sep.	Amt. Date	1.55p 14/1945	1.64p 14/1945	1.68 14/1945	1.95p 14/1945	2.31p 8/1940	2.70p 8/1940
Oct.	Amt. Date	1.25p 27/1939	1.52p 27/1939	1.68 27/1939	1.92p 27/1939	2.09p 27/1939	2.35p 8-9/1939
Nov.	Amt. Date	0.30 25/1950	0.57 25/1950	0.77 25/1950	1.46 25/1950	2.61 25/1950	3.62 24-25/1950
Dec.	Amt. Date	0.36 30/1942	0.58 30/1942	0.78 30/1942	1.04 29-30/1942	1.42 29-30/1942	1.84 29-30/1942
Annual	Amt. Date	1.55p 9/14/45	1.94p 7/16/41	2.06 7/16/41	2.40p 7/18/42	2.61 11/25/50	3.62 11/24-25/50

Station: ROCHESTER, PENNSYLVANIA

Drainage basin: BEAVER

County: BEAVER

Lat. 40° 43' N Long. 80° 18' W

Elev.(ft.) 935

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.29 24/1941	0.45 30/1939	0.60 30/1939	0.97 30/1939	1.03 30/1939	1.28 30/1939
Feb.	Amt. Date	0.39 6/1938	0.50 6/1938	0.60 6/1938	0.98 26/1946	1.08 26-27/1946	1.29 12-13/1950
Mar.	Amt. Date	0.60p 12/1939	1.07p 12/1939	1.32 12/1939	1.68p 12/1939	1.74p 11-12/1939	1.98p 11-12/1939
Apr.	Amt. Date	1.08p 24/1945	1.23p 24/1945	1.24 24-25/1945	1.28 24-25/1945	1.66p 24-25/1945	1.79 11-12/1948
May	Amt. Date	1.16p 19/1938	1.46p 15/1942	1.46E 15/1942	1.83p 15-16/1942	2.01p 15-16/1942	2.05p 15-16/1942
Jun.	Amt. Date	1.23p 15/1943	1.56p 11/1942	1.67 12-13/1946	1.80 12-13/1946	2.00p 3/1939	2.29E 6-7/1947
Jul.	Amt. Date	1.53p 18/1941	1.80p 18/1941	2.32 18/1941	3.03p 18/1941	3.21p 18-19/1941	3.21p 18-19/1941
Aug.	Amt. Date	0.90 8/1949	1.52 15/1941	2.21 15/1941	2.49a 15/1941	2.76 11/1948	2.90 10-11/1948
Sep.	Amt. Date	1.10p 19/1942	1.21p 19/1942	1.21 19/1942	1.41 1-2/1950	1.41 1-2/1950	1.65 12-13/1938
Oct.	Amt. Date	0.70p 15/1943	0.89p 15/1943	1.07 3/1941	1.59p 15/1943	1.63p 15/1943	1.91p 15-16/1943
Nov.	Amt. Date	0.42 18/1938	0.62 18/1938	0.66 20/1950	0.88 20/1950	1.21 4/1950	1.50 3-4/1950
Dec.	Amt. Date	0.21 28/1940	0.35 28/1940	0.51 28/1940	0.77b 28/1940	1.13 27-28/1940	1.57p 16-17/1937
Annual	Amt. Date	1.53p 7/18/41	1.80p 7/18/41	2.32 7/18/41	3.03p 7/18/41	3.21p 7/18-19/41	3.21p 7/18-19/41

a Also 11/1948.      b Also 11/1944.

Station: SAXTON, PENNSYLVANIA

Drainage basin: JUNIATA

County: BEDFORD

Lat. 40° 13'N Long. 78° 14'W

Elev.(ft.) 800

Period of record: 1944-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.20 30/1947	0.32 7/1946	0.46 7/1946	0.64 1/1948	1.06 1/1948	1.35 1-2/1948
Feb.	Amt. Date	0.18a 26/1945	0.28 27/1946	0.46 27/1946	0.60 19/1946	0.80 19/1946	1.02 12-13/1950
Mar.	Amt. Date	0.32 26/1946	0.45 26/1946	0.60 26/1946	0.88 26/1946	1.11 26/1946	1.20 26/1946
Apr.	Amt. Date	0.50 2/1945	0.60 2/1945	0.68 12/1948	1.09 12/1948	1.25 12/1948	1.25 12/1948
May	Amt. Date	0.60b 16/1946	0.91 14/1946	1.11 14/1946	1.30 14/1946	1.36 18/1950	1.49 18-19/1950
Jun.	Amt. Date	0.57 17/1945	0.76p 20/1945	0.98 19-20/1945	1.39 2/1946	2.21 1-2/1946	2.44p 1-2/1946
Jul.	Amt. Date	1.18p 8/1946	1.62 6/1949	1.82 6/1949	1.88 6/1949	1.90 31-1/1946	2.55 6-7/1949
Aug.	Amt. Date	1.18 11/1950	1.18 11/1950	1.20 11/1950	1.30 6/1946	1.90 31-1/1946	2.44p 23-24/1945
Sep.	Amt. Date	0.96p 8/1945	0.96p 8/1945	0.96 8/1945	0.96p 8/1945	1.50p 17-18/1945	2.45p 17-18/1945
Oct.	Amt. Date	0.55c 25/1946	0.90 25/1956	1.13 25/1956	1.30 25-26/1946	1.56 8/1950	2.01 8-9/1950
Nov.	Amt. Date	0.60 25/1950	1.15 25/1950	1.67 25/1950	3.08 25/1950	4.40 24-25/1950	4.94 24-25/1950
Dec.	Amt. Date	0.20d 6/1945	0.37 7/1950	0.52 7/1950	0.74 7/1950	0.91 3-4/1950	1.23 3-4/1950
Annual	Amt. Date	1.18p e 7/8/46	1.62 7/6/49	1.82 7/6/49	3.08 11/25/50	4.40 11/24-25/50	4.94 11/24-25/50

a Also 27/1946.      b Also 18/1950.      c Also 9/1950.      d Also 7/1950.  
e Also 8/11/1950



Station: SCANDIA, PENNSYLVANIA

Drainage basin: ALLEGHENY

County: WARREN

Lat. 41° 55'N Long. 79° 01'W

Elev.(ft.) 2040

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.19 2/1943	0.34 15/1950	0.42 15/1950	0.66 30/1947	0.97 30/1947	1.12 2-3/1950
Feb.	Amt. Date	0.40 14/1950	0.43 14/1950	0.50 22/1945	0.86 21-22/1945	1.19 13-14/1948	1.55 13-14/1948
Mar.	Amt. Date	0.67 19/1948	0.77 19/1948	1.43 19/1948	1.72 21/1948	2.43 21/1948	2.75 21-22/1948
Apr.	Amt. Date	1.01 5/1947	1.48 5/1947	1.67 5/1947	2.13 5/1947	2.41 5/1947	2.62 4-5/1947
May	Amt. Date	0.79 3/1942	0.91 21/1943	1.29 21/1943	1.68 21/1943	1.72 21/1943	2.63 26-27/1946
Jun.	Amt. Date	1.27 28/1943	2.04 23/1948	2.24 23/1948	2.45 23/1948	2.47 23/1948	2.47 23/1948
Jul.	Amt. Date	1.40 31/1945	2.34 31/1945	2.55 31/1945	2.83 31/1945	2.83 31/1945	2.83 31/1945
Aug.	Amt. Date	1.25 13/1943	1.46 13/1943	1.54 13/1943	1.61 13/1943	1.69 13/1943	1.93 31-1/1950
Sep.	Amt. Date	0.65 4/1944	0.96 19/1942	1.10 19/1942	1.53 1/1950	1.80 4/1944	2.17 4/1944
Oct.	Amt. Date	0.46 15/1943	0.85 15/1943	0.96 15/1943	1.16 15/1943	1.71 15-16/1943	2.22 15-16/1943
Nov.	Amt. Date	0.36 25/1950	0.66 25/1950	0.74 25/1950	1.13 25/1950	1.88 25/1950	2.21 24-25/1950
Dec.	Amt. Date	0.25 29/1942	0.38 29/1942	0.50 29/1942	0.77 29/1942	1.07 29/1942	1.45 29-30/1942
Annual	Amt. Date	1.40 7/31/45	2.34 7/31/45	2.55 7/31/45	2.83 7/31/45	2.83 7/31/45	2.83 7/31/45



Station: SCRANTON WB CITY, PENNSYLVANIA\*

Drainage basin: SUSQUEHANNA

County: LACKAWANNA

Lat. 41° 25'N Long. 75° 40'W

Elev.(ft.) 750

Period of record: 1937-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.49x 6/1939	0.64x 30/1939	0.70 30/1939	0.89 16/1945	1.02 16/1945	1.35x 5/1949
Feb.	Amt. Date	0.51 21/1937	0.62 21/1937	0.76E 21/1937	1.13 21/1937	1.38 21-22/1937	1.69 13-14/1940
Mar.	Amt. Date	0.34 21/1948	0.66 30/1940	0.83 30/1940	1.33 30/1940	2.21 30/1940	3.15x 30-31/1940
Apr.	Amt. Date	0.50w 2/1945	0.70 5/1947	0.97 5/1947	1.62 5/1947	2.23 5/1947	2.54x 4-5/1947
May	Amt. Date	1.19x 21/1947	1.84x 22/1942	2.10w 22/1942	2.45 22/1942	2.65 22-23/1942	2.92 21-22/1942
Jun.	Amt. Date	1.52w 25/1949	1.72w 21/1937	1.87w 21/1937	1.87 21/1937	2.20 27/1948	2.20w 27/1948
Jul.	Amt. Date	1.34w 15/1945	2.14w 15/1945	2.59w 15/1945	2.99 15/1945	3.60 14-15/1945	3.67x 14-15/1945
Aug.	Amt. Date	1.44w 15/1949	1.47w 22/1937	1.69w 22/1937	2.61 22/1937	2.80 22/1937	3.21x 31-1/1940
Sep.	Amt. Date	0.81w 10/1941	0.85w 10/1941	1.07 27/1942	1.59 27/1942	1.68 27/1942	3.21x 31-1/1940
Oct.	Amt. Date	0.72w 5/1942	0.90w 5/1942	1.22w 5/1942	1.69 26/1943	2.22 22-23/1937	2.53 26/1943
Nov.	Amt. Date	0.94x 6/1948	1.34x 6/1948	1.68w 6/1948	2.07 25/1950	3.02 25/1950	3.46 25/1950
Dec.	Amt. Date	0.48 4/1950	0.76 4/1950	1.06 4/1950	1.77 4/1950	2.00 4/1950	2.58 4/1950
Annual	Amt. Date	1.52w 6/25/49	2.14w 7/15/45	2.59w 7/15/45	2.99 7/15/45	3.60 7/14-15/45	3.67 6/14-15/45

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

Station: SCRANTON, WB CITY, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: LACKAWANNA

Lat. 41° 25' N Long. 75° 40' W

Elev.(ft.) 750

Period of record: 1901-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.49x 6/1939	0.84 16/1924	1.19 16/1924	1.56 16/1924	1.73 16/1924	1.86x 19/1936
Feb.	Amt. Date	1.08x 10/1932	1.39x 10/1932	1.52 10-11/1932	1.87 10-11/1932	3.15 13-14/1914	3.58x 13-14/1914
Mar.	Amt. Date	0.69x 23/1903	1.00x 18-19/1908	1.08 18-19/1908	1.33 30/1940	2.21 30/1940	3.15x 30-31/1940
Apr.	Amt. Date	0.53x 11/1922	0.70x a 28/1923	0.97 5/1947	1.62 5/1947	2.23 5/1947	2.54x 4-5/1947
May	Amt. Date	1.19x 21/1947	1.84x 22/1942	2.10w 22/1942	2.45 22/1942	2.65 22-23/1942	2.92x 21-22/1942
Jun.	Amt. Date	1.79x 20/1929	2.47x 20/1936	2.76 20/1936	2.76 20/1936	2.76 20/1936	3.04x 11-12/1903
Jul.	Amt. Date	2.11w 24/1933	2.67x 24/1933	2.71 24/1933	3.20 24/1933	3.60 14-15/1945	4.29x 27-28/1934
Aug.	Amt. Date	2.36x 16/1935	2.37 16/1935	2.37 16/1935	2.61 22/1937	2.80 22/1937	3.21x 31-1/1940
Sep.	Amt. Date	1.30 11/1907	1.85 11/1907	1.89 11/1907	2.12 14-15/1916	3.05 29-30/1924	5.09x 29-30/1924
Oct.	Amt. Date	0.92x 12/1927	1.50x 3/1927	1.95 3/1927	2.49 3/1927	2.89 3-4/1927	3.74x 8-9/1903
Nov.	Amt. Date	0.94x 6/1948	1.34x 6/1948	1.68w 6/1948	2.07 25/1950	3.02 25/1950	3.46 25/1950
Dec.	Amt. Date	0.60x 14/1901	0.85 14-15/1901	1.17 14-15/1901	1.77 4/1950	2.00 4/1950	2.58 4/1950
Annual	Amt. Date	2.36x 8/16/35	2.67x 7/24/33	2.76 6/20/36	3.20 7/24/33	3.60 7/14-15/45	5.09x 9/29-30/24

a Also 5/1947.

Station: SELLERSVILLE, PENNSYLVANIA

Drainage basin: SCHUYLKILL

County: BUCKS

Lat. 40° 23'N Long. 75° 20'W

Elev.(ft.) 530

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 30/1939	0.67 30/1939	0.82 1/1945	1.25 1/1945	1.68 5/1949	2.10 5-6/1949
Feb.	Amt. Date	0.37 15/1939	0.66 28/1939	0.86 28/1939	1.07 28/1939	1.18 28/1939	1.46 3/1939
Mar.	Amt. Date	0.59 8/1950	0.81 8/1950	0.89 8/1950	1.19 14-15/1940	1.78 14-15/1940	2.33 3-4/1940
Apr.	Amt. Date	1.38p 18/1938	1.44p 18/1938	1.63 18/1939	1.67p 18/1938	1.93p 18-19/1938	2.01 8/1940
May	Amt. Date	1.87p 19/1943	2.37p 19/1943	2.37 19/1943	2.80p 19-20/1943	3.00p 25-26/1943	3.10p 25-26/1943
Jun.	Amt. Date	1.90p 14/1942	1.92p 14/1942	2.00 17/1943	3.16p 2/1946	4.47 2/1946	5.01p 1-2/1946
Jul.	Amt. Date	2.45p 27/1942	2.83p 27/1942	2.85 20/1946	4.18p 20/1946	4.19 20-21/1946	4.60p 20-21/1946
Aug.	Amt. Date	1.75 21/1937	2.03p 9/1942	2.25 9/1942	3.25p 9/1942	4.32p 8-9/1942	4.36p 8-9/1942
Sep.	Amt. Date	1.98p 13/1944	2.19p 13/1944	2.25 13/1944	2.41 13/1944	3.29p 13/1944	3.63p 12-13/1944
Oct.	Amt. Date	0.40a 2/1939	0.55 2/1939	0.84 28/1947	1.09 24/1938	1.54 28/1943	2.56 30-1/1939
Nov.	Amt. Date	1.45 25/1950	2.00 25/1950	2.50 25/1950	3.30 25/1950	5.20 25/1950	5.37 25/1950
Dec.	Amt. Date	0.44 25/1945	0.74 26-27/1949	0.96 26-27/1949	1.39 26-27/1949	1.99 30/1948	2.39 30-31/1949
Annual	Amt. Date	2.45p 7/27/42	2.83p 7/27/42	2.85 7/20/46	4.18p 7/20/46	5.20 11/25/50	5.37 11/25/50

a Also 15/1943.

**Station: SHADE GAP, PENNSYLVANIA**

**Drainage basin: JUNIATA**

**County: HUNTINGDON**

**Lat. 40° 11'N Long. 77° 52'W**

**Elev.(ft) 940**

**Period of record: 1937-1950**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 14/1940	0.45a 30/1939	0.66 30/1939	0.99 14/1940	1.47 3/1944	2.04 3-4/1944
Feb.	Amt. Date	0.25 6/1938	0.40 28/1939	0.52 28/1939	0.81 28/1939	0.90 28/1939	1.05 2-3/1939
Mar.	Amt. Date	0.36 31/1949	0.48b 26/1946	0.61 14-15/1946	0.93 8-9/1946	1.29 30/1940	1.46 29-30/1940
Apr.	Amt. Date	0.50 27/1939	0.62 3/1940	0.79 3/1940	1.08 3/1940	1.36 5/1941	1.59p 19-20/1940
May	Amt. Date	1.40 17/1945	1.77 17/1945	1.90 17/1945	2.02p 17/1945	2.20p 26-27/1946	2.51p 26-27/1946
Jun.	Amt. Date	1.36p 22/1939	1.37p 22/1939	1.93 19/1948	1.95 19/1948	2.35 11-12/1946	2.83p 11-12/1946
Jul.	Amt. Date	1.50p 31/1945	1.50p 31/1945	1.50 31/1945	1.52p 31-1/1945	1.59 17/1949	2.20 17/1949
Aug.	Amt. Date	1.70 20/1947	1.80 20/1947	1.90 20/1947	2.66 19/1950	3.43 19-20/1950	4.08 19-20/1950
Sep.	Amt. Date	1.38p 9/1946	1.38p 9/1946	1.38 9/1946	1.38p 9/1946	1.97p 17-18/1945	3.12p 17-18/1945
Oct.	Amt. Date	0.60p 16/1943	0.84p 16/1943	0.91 20/1944	1.22p 20/1944	1.58p 20/1944	2.07p 20-21/1944
Nov.	Amt. Date	0.64 6/1948	0.89 25/1950	1.19 25/1950	2.01 25/1950	3.32 24-25/1950	3.65 24-25/1950
Dec.	Amt. Date	0.38pc 10/1938	0.69 7/1950	0.86 9-10/1938	1.34 7/1950	1.68p 9-10/1938	1.74 29-30/1942
Annual	Amt. Date	1.70 8/20/47	1.80 8/20/47	1.93 6/19/48	2.66 8/19/50	3.43 8/19-20/50	4.08 8/19-20/50

a Also 14/1940.      b Also 31/1949.      c Also 24/1941.

Station: SHEFFIELD, PENNSYLVANIA\*

Drainage basin: ALLEGHENY

County: WARREN

Lat. 41° 41'N Long. 79° 09'W

Elev.(ft.) 1940

Period of record: 1937-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.28 31/1945	0.40 30/1939	0.58 30/1939	0.89 30/1939	1.15 30/1939	1.24 30-31/1939	
Feb.	0.27 13/1938	0.37 13/1939	0.51 15/1939	0.91 13/1948	1.27 13-14/1948	1.68 13-14/1950	
Mar.	0.60 19/1948	0.80 16/1942	0.92 16/1942	1.44 21-22/1948	1.91 21-22/1948	2.11 4-5/1938	
Apr.	0.78 18/1941	0.90a 18/1941	1.17 5/1947	1.60 5/1947	1.81 5/1947	2.04 4-5/1947	
May	0.95 27/1939	1.22 23/1940	1.54 23/1940	1.79 23/1940	2.20 27/1946	3.63p 27-28/1946	
Jun.	0.90b 29/1939	1.40 29/1946	1.44 29/1946	1.59 29/1946	1.62 25-26/1938	2.64p 26-27/1938	
Jul.	2.20p 26/1940	2.40p 29/1939	2.75 29/1939	2.96p 29/1939	3.04p 29/1939	3.76p 28-29/1939	
Aug.	0.86 12/1949	1.15 31/1940	1.35 31/1940	1.48 31/1940	1.66E 17-18/1949	1.86 17-18/1949	
Sep.	1.09p 8/1945	1.40p 8/1945	1.72 8/1945	2.01p 8/1945	2.04p 8/1945	2.04p 8/1945	
Oct.	1.18 8/1939	1.70 8/1939	1.70 8/1939	1.70 8/1939	1.91 8/1939	2.20 8/1939	
Nov.	0.91 25/1950	1.19 25/1950	1.45 25/1950	2.05 25/1950	2.29 25/1950	2.61 24-25/1950	
Dec.	0.32c 24/1941	0.45 12/1940	0.58d 12/1940	0.80e 15-16/1937	1.20p 16-17/1937	1.88 29-30/1942	
Annual	2.20p 7/26/40	2.40p 7/29/39	2.75 7/29/39	2.96p 7/29/39	3.04p 7/29/39	3.76p 7/28-29/39	

\*Formerly Cherry Grove, Pennsylvania

a Also 5/1947.      b Also 29/1946.      c Also 29/1946.

d Also 29/1942.      e Also 12/1940 and 29/1942.

Station: SMETHPORT, PENNSYLVANIA

Drainage basin: ALLEGHENY

County: MCKEAN

Lat. 41° 48' N Long. 78° 27' W

Elev.(ft.) 1510

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.23 1/1948	0.31 1/1948	0.42 1/1948	0.57 6/1950	1.04 1/1948	1.33 1-2/1948
Feb.	Amt. Date	0.46 22/1944	0.59 22/1944	0.70 13/1938	0.95 13/1938	1.32 13/1938	1.79 13-14/1950
Mar.	Amt. Date	0.56 21/1948	0.86 21/1948	1.19 21/1948	1.86 21-22/1948	2.25 21-22/1948	2.40 21-22/1948
Apr.	Amt. Date	0.66 5/1947	1.28 5/1947	1.82 5/1947	2.23 5/1947	2.54 5/1947	2.65 4-5/1947
May	Amt. Date	0.97p 25/1943	1.70p 25/1943	1.89 25/1943	2.32p 25/1943	2.90p 25/1943	3.77 27-28/1946
Jun.	Amt. Date	0.97 2/1947	1.84 2/1947	2.44 2/1947	2.66 2-3/1947	2.86 2-3/1947	2.90 2-3/1947
Jul.	Amt. Date	2.14p 18/1942	2.65p 18/1942	2.83 18/1942	4.41p 17-18/1942	5.12p 17-18/1942	6.68 17-18/1942
Aug.	Amt. Date	1.20p 10/1943	1.67p 10/1943	1.78 10/1943	2.01p 9-10/1943	2.01p 9-10/1943	2.01p 9-10/1943
Sep.	Amt. Date	1.10p 14/1945	1.57 14/1938	1.76 14/1938	2.10p 14/1938	3.00p 14/1938	3.29p 14-15/1938
Oct.	Amt. Date	0.34 27/1941	0.52 12/1946	0.70 12/1946	1.03 12/1946	1.26 20-21/1944	1.51 20-21/1944
Nov.	Amt. Date	0.32 25/1950	0.59 25/1950	0.86 25/1950	1.61 25/1950	2.74 25/1950	3.58 24-25/1950
Dec.	Amt. Date	0.29 24/1941	0.43 24/1941	0.59 27/1940	0.70 30/1942	0.98 29-30/1942	1.50 29-30/1942
Annual	Amt. Date	2.14p 7/18/42	2.65p 7/18/42	2.83 7/18/42	4.41p 7/17-18/42	5.12p 7/17-18/42	6.68 7/17-18/42



**Station SOUTH CANAAN, PENNSYLVANIA**

**Drainage basin:** DELAWARE

**County:** WAYNE

**Lat.** 41° 31'N **Long.** 75° 24'W

**Elev.(ft.)** 1380

**Period of record: JULY 1948-1950**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.13 10/1950	0.20 10/1950	0.37 10/1950	0.55 10/1950	0.62E 5-6/1949	1.24E 5-6/1949
Feb.	Amt. Date	0.28 15/1949	0.38 15/1949	0.40a 15/1949	0.57 14/1950	0.87 14/1950	1.56 13-14/1950
Mar.	Amt. Date	0.25 8/1950	0.43 8/1950	0.67 8/1950	0.83 21/1950	1.50 21/1950	1.62 21/1950
Apr.	Amt. Date	0.46 14/1949	0.77 14/1949	0.84 14/1949	1.12 13-14/1949	1.17 13-14/1949	1.17 13-14/1949
May	Amt. Date	0.40 23/1950	0.60 20/1949	0.81 20/1949	1.31 20/1949	1.57 20/1949	1.83 19-20/1949
Jun.	Amt. Date	1.15 25/1949	1.15 25/1949	1.15 25/1949	1.15 25/1949	1.15 25/1949	1.15 25/1949
Jul.	Amt. Date	0.66 4/1949	0.75 29/1949	0.79 29/1949	1.15 26-27/1949	1.28 4/1949	1.28 4/1949
Aug.	Amt. Date	0.47 12/1948	0.80 29/1949	0.99 29/1949	1.71 29/1949	2.19 29/1949	2.20 29/1949
Sep.	Amt. Date	0.74 1/1950	0.86 1/1950	0.86 1/1950	0.86 1/1950	0.86 1/1950	0.90 28-29/1949
Oct.	Amt. Date	0.53 23/1950	0.73 23/1950	1.03 23/1950	1.35 23/1950	1.50 23/1950	1.50 23/1950
Nov.	Amt. Date	0.42 25/1950	0.62 6/1948	0.80 6/1948	1.39 25/1950	2.17 25/1950	2.33 25/1950
Dec.	Amt. Date	0.37 4/1950	0.73 4/1950	1.04 4/1950	1.63 4/1950	1.91 4/1950	2.23 4-5/1950
Annual	Amt. Date	1.15 6/25/49	1.15 6/25/49	1.15 6/25/49	1.71 8/29/49	2.19 8/29/49	2.33 11/25/50

a Also 14/1950.



Station: SPRING GROVE, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: YORK

Lat. 39° 52'N Long. 76° 52'W

Elev.(ft.) 470

Period of record: 1941-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.47 30/1947	0.74 30-31/1947	1.12 30/1947	1.46 30-31/1947	2.10 1/1948	.265 1-2/1948	
Feb.	0.25 7/1942	0.40 7/1942	0.56 6-7/1942	0.89 6-7/1942	1.18 20/1947	1.52 20-21/1947	
Mar.	0.33a 6/1943	0.62 22/1950	0.87 22/1950	1.41 22/1950	1.69 22-23/1950	1.84 22-23/1950	
Apr.	0.76p 14/1945	0.88 13/1949	0.91 13/1949	1.52 13/1949	1.79 13/1949	2.06 13-14/1949	
May	1.29p 18/1946	1.46p 18/1946	1.68 18/1950	1.99 18/1950	2.38 18/1950	2.70b 21/1942	
Jun.	1.10 12/1943	1.53p 12/1943	1.58 12/1943	2.10p 2/1946	3.07p 1-2/1946	3.32p 1-2/1946	
Jul.	1.92 16/1950	1.97 16/1950	1.99 16/1950	2.55 15/1945	2.92 14-15/1945	3.10p 14-15/1945	
Aug.	1.36p 13/1942	1.57 19/1941	2.09 17/1942	2.11p 17/1942	2.12p 17/1942	2.17p 16-17/1942	
Sep.	1.42p 4/1944	1.48 3/1950	1.48 3/1950	1.79 2-3/1950	2.41 10-11/1950	2.72 10-11/1950	
Oct.	0.58c 26/1946	0.95 15/1943	1.24 15/1943	1.55 14-15/1943	2.19E 25-26/1943	3.54 25-26/1943	
Nov.	0.55 28/1945	0.83 28/1945	1.03 25/1950	1.52p 8/1943	2.20 25/1950	2.46 24-25/1950	
Dec.	0.75 4/1950	1.40 4/1950	1.75 4/1950	2.05 4/1950	2.33 3-4/1950	2.38 3-4/1950	
Annual	1.92 7/16/50	1.97 7/16/50	2.09 8/17/42	2.55 7/15/45	3.07p 6/1-2/46	3.54 10/25-26/43	

a Also 22/1950. b Also 17-18/1950. c Also 23/1950.

Station: STATE COLLEGE, PENNSYLVANIA

Drainage basin: WEST BRANCH SUSQUEHANNA

County: CENTRE

Lat. 40° 48' N Long. 77° 52' W

Elev.(ft.) 1175

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.31 30/1939	0.58 30/1939	0.75 30/1939	1.11 30/1939	1.25 30/1939	1.52 1-2/1948
Feb.	Amt. Date	0.35 6/1938	0.55 6/1938	0.60 6/1938	0.82 6/1938	0.83 6/1938	1.21 13/1950
Mar.	Amt. Date	0.48 21/1945	0.61 29/1942	0.80 29/1942	1.15 29/1942	1.62 29/1942	2.11 28-29/1942
Apr.	Amt. Date	0.40a 21/1944	0.57 2/1945	0.64 3/1940	0.77 11-12/1948	1.31 11-12/1948	2.08 11-12/1948
May	Amt. Date	1.01 12/1948	1.56 12/1948	1.83 12/1948	1.84 12/1948	2.01 6/1944	2.34 6-7/1944
Jun.	Amt. Date	1.17 1/1944	1.83 1/1944	1.94 1/1944	2.01 1/1944	2.02 1-2/1944	2.03 1-2/1944
Jul.	Amt. Date	0.88 23/1940	0.98 20/1946	1.00 20/1946	1.25 17/1949	1.36 17/1949	2.47 31-1/1946
Aug.	Amt. Date	1.10p 18/1939	1.35b 15/1941	1.59 15/1941	1.66 15/1941	1.87 15/1941	2.47 31-1/1946
Sep.	Amt. Date	1.17p 29/1939	1.57 29/1939	1.61 29/1939	1.61p 29/1939	1.80p 8/1940	2.11 17-18/1945
Oct.	Amt. Date	0.49 25/1946	0.81 25/1946	0.95 25/1946	1.11 25-26/1946	1.46 8/1950	1.93 8-9/1950
Nov.	Amt. Date	0.43 6/1948	0.69 6/1948	1.01 6/1948	1.69 6/1948	2.52 25/1950	3.91 24-25/1950
Dec.	Amt. Date	0.50 24/1941	0.73 24/1941	1.02 24/1941	1.32 24/1941	1.64 29-30/1942	2.02 29-30/1942
Annual	Amt. Date	1.17c 6/1/44	1.83 6/1/44	1.94 6/1/44	2.01 6/1/44	2.52 11/25/50	3.91 11/24-25/50

a Also 2/1945.

b Also 18/1950.

c Also 9/29/1939.

Station: STRONGSTOWN, PENNSYLVANIA

Drainage basin: CONEMAUGH

County: INDIANA

Lat. 40° 33'N Long. 78° 55'W

Elev.(ft.) 1880

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.32a 15/1947	0.49 15/1947	0.60 27/1944	0.87 27-28/1944	0.92 10/1950	1.16 23-24/1949
Feb.	Amt. Date	0.26 13/1948	0.34b 22/1945	0.49 22/1945	0.65 21-22/1945	1.00 4-5/1942	1.27 4-5/1942
Mar.	Amt. Date	0.86 19/1945	0.96 19/1945	0.96 19/1945	0.96 19/1945	1.31 19/1945	1.53 19-20/1945
Apr.	Amt. Date	0.46 11/1948	0.76 11-12/1948	1.02 11-12/1948	1.26 11-12/1948	1.75 11-12/1948	2.32 11-12/1948
May	Amt. Date	1.43 31/1942	1.54 31/1942	1.56 31/1942	1.72 25/1950	2.24 25/1950	2.24 25/1950
Jun.	Amt. Date	1.87 16/1943	2.36 19/1948	2.64 19/1948	3.26 19/1948	3.27 18-19/1948	4.12 18-19/1948
Jul.	Amt. Date	1.15 22/1948	1.75 22/1948	1.76 22/1948	1.76 22/1948	1.90 22-23/1948	2.16 21-22/1948
Aug.	Amt. Date	1.07 21/1944	1.21 21/1944	1.25 21/1944	1.47 18/1950	1.82 23-24/1945	2.61 18-19/1950
Sep.	Amt. Date	0.79 29/1946	1.27 29/1946	1.83 29/1946	2.16 29/1946	2.26 29-30/1946	2.31 29-30/1946
Oct.	Amt. Date	0.37 31/1942	0.73 31/1942	0.84 31/1942	1.01 31/1942	1.33 8/1948	1.85 20-21/1944
Nov.	Amt. Date	0.35 25/1950	0.56 25/1950	0.83 25/1950	1.45 25/1950	2.07 24-25/1950	2.34 24-25/1950
Dec.	Amt. Date	0.56 29/1942	0.91 29/1942	1.14 29/1942	1.36 29/1942	1.93 29-30/1942	2.48 29-30/1942
Annual	Amt. Date	1.87 6/16/43	2.36 6/19/48	2.64 6/19/48	3.26 6/19/48	3.27 6/18-19/48	4.12 6/18-19/48

a Also 10/1950. b Also 13/1948.

Station: STROUDSBURG, PENNSYLVANIA

Drainage basin: DELAWARE

County: MONROE

Lat. 41° 00'N Long. 75° 11'W

Elev.(ft.) 390

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.45a 24/1938	0.78 7/1946	1.00 14/1940	1.43 14/1940	1.97 14/1940	2.35 24-25/1938
Feb.	Amt. Date	0.28 6/1938	0.47 28/1939	0.60 28/1939	0.79 28/1939	1.10 26/1939	1.42 31-1/1942
Mar.	Amt. Date	0.44 25/1947	0.59 9/1942	0.87 9/1942	1.42 31-1/1948	1.60 8-9/1942	2.40E 14-15/1940
Apr.	Amt. Date	1.11 27/1939	1.30 27/1939	1.50 27/1939	1.50 27/1939	1.70 8/1940	1.97 18/1949
May	Amt. Date	1.78p 27/1944	1.90p 27/1944	1.98 27/1944	2.00p 27/1944	2.27p 21/1942	2.72p 21-22/1942
Jun.	Amt. Date	2.00p 29/1946	2.24p 29/1946	2.24 29/1946	2.98p 17/1943	2.98p 17/1943	2.98p 17/1943
Jul.	Amt. Date	1.90p 9/1945	2.77p 9/1945	2.93 9/1945	3.32 9/1945	3.32 9/1945	3.80 9-10/1945
Aug.	Amt. Date	2.44p 3/1939	2.45p 3/1939	2.45b 3/1939	2.69p 31/1940	2.97p 31-1/1940	3.48 31-1/1940
Sep.	Amt. Date	1.02p 21/1938	1.55 21/1946	2.05 21/1946	2.48 21/1946	2.97p 31-1/1940	3.75p 26-27/1942
Oct.	Amt. Date	0.60p 23/1937	0.63p 23/1937	0.92 21/1939	1.39 26/1942	1.68 26/1942	2.20 19/1937
Nov.	Amt. Date	0.65 8/1947	1.00 8/1947	1.36 8/1947	2.44 8/1947	2.68 8/1947	3.33p 8-9/1943
Dec.	Amt. Date	0.62 4/1950	0.80 4/1950	1.00 4/1950	1.51 4/1950	1.96 4/1950	2.22 4-5/1950
Annual	Amt. Date	2.44p 8/3/39	2.77p 7/9/45	2.93 7/9/45	3.32 7/9/45	3.32 7/9/45	3.80 7/9-10/45

a Also 7/1946.      b Also 31/1940.

Station: SUNBURY, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: NORTHUMBERLAND

Lat. 40° 51'N Long. 76° 48'W

Elev.(ft) 440

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30p a 30/1939	0.54p 30/1939	0.74 30/1939	1.07p 30/1939	1.50 3/1944	1.80 3-4/1944
Feb.	Amt. Date	0.60 15/1939	0.64 15/1939	0.70 15/1939	0.86 15/1939	0.96 19-20/1938	1.31 19-20/1938
Mar.	Amt. Date	0.41p 30/1940	0.66p 29-30/1940	0.74 12/1939	1.22p 29-30/1940	2.28p 29-30/1940	2.81p 29-30/1940
Apr.	Amt. Date	0.66 30/1947	0.82 30/1947	0.82 30/1947	1.14 2/1945	1.45 20/1940	2.04 19-20/1940
May	Amt. Date	2.09p 23/1944	2.13p 23/1944	2.19 23/1944	3.20p 6-7/1944	4.27p 6-7/1944	4.58p 6-7/1944
Jun.	Amt. Date	1.29p 30/1945	1.37p 30/1945	1.37 30/1945	1.37p 30/1945	1.94 18-19/1944	2.68 18-19/1944
Jul.	Amt. Date	1.70p 23/1940	1.90p 23/1940	1.90 23/1940	2.15p 23/1940	2.15p 23/1940	2.49p 22-23/1940
Aug.	Amt. Date	0.92 7/1944	1.30 29/1949	1.50 29/1949	2.04 28-29/1949	2.40 28-29/1949	2.46 28-29/1949
Sep.	Amt. Date	0.97 10/1950	1.75 10/1950	1.76 10/1950	1.78 10/1950	1.79 10/1950	2.30p 26-27/1942
Oct.	Amt. Date	0.57 16/1943	1.09 16/1943	1.29 16/1943	1.49 16/1943	1.81 26/1943	2.16 26/1943
Nov.	Amt. Date	0.42 4/1950	0.71 8/1943	0.97 25/1950	1.80 25/1950	3.09 25/1950	3.66 25/1950
Dec.	Amt. Date	0.55 4/1950	0.87 4/1950	1.14 4/1950	1.60 4/1950	2.44 4/1950	3.02 3-4/1950
Annual	Amt. Date	2.09p 5/23/44	2.13p 5/23/44	2.19 5/23/44	3.20p 5/6-7/44	4.27p 5/6-7/44	4.58 5/6-7/44

a Also 6/1950.

Station: TAMAQUA, PENNSYLVANIA

Drainage basin: SCHUYLKILL

County: SCHUYLKILL

Lat. 40° 51'N Long. 76° 00'W

Elev.(ft) 1140

Period of record: 1937-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.50 5/1939	0.73 5/1939	0.87 5/1939	1.23 14/1940	2.19 24-25/1938	2.56 24-25/1938	
Feb.	0.45 15/1939	0.56 6/1938	0.62 6/1938	0.88 6/1938	1.12 19-20/1946	1.24 19-20/1938	
Mar.	0.60 8/1950	0.82 30/1940	1.04 30/1940	1.90 31-1/1948	2.18 30/1940	2.59 30/1940	
Apr.	0.56 30/1947	0.73 1/1948	1.00 31-1/1948	1.90 31-1/1948	2.04 31-1/1948	2.04 31-1/1948	
May	1.82p 19/1943	2.26p 22/1942	2.63 22/1942	2.92p 22/1942	3.67p 22/1942	4.49p 22-23/1942	
Jun.	1.79p 12/1942	1.89p 12/1942	1.89 12/1942	1.96p 12/1942	2.43p 27/1938	2.87p 26-27/1938	
Jul.	1.17p 18/1945	1.31p 5/1945	1.41 8/1947	2.60 7/1947	4.28 7-8/1947	5.34 7-8/1947	
Aug.	1.89p 31/1940	2.48p 31/1940	2.79 31/1940	3.63p 31/1940	4.00p 31/1940	5.05p 31-1/1940	
Sep.	1.50p 24/1946	2.11p 24/1946	2.21 24/1946	2.45 24/1946	2.80p 26-27/1942	5.11p 26-27/1942	
Oct.	0.80p 21/1939	1.30p 21/1939	1.54 21/1939	2.16p 23/1937	3.50p 22-23/1937	3.62 22-23/1937	
Nov.	1.31 25/1950	1.91 25/1950	2.20 25/1950	3.43 25/1950	5.32 25/1950	5.94 25/1950	
Dec.	0.60 4/1950	1.15 4/1950	1.60 4/1950	2.81 4/1950	3.50 3-4/1950	3.94E 3-4/1950	
Annual	1.89p 8/31/40	2.48p 8/31/40	2.79 8/31/40	3.63p 8/31/40	5.32 11/25/50	5.94 11/25/50	



Station: TITUSVILLE, PENNSYLVANIA

Drainage basin: ALLEGHENY

County: CRAWFORD

Lat. 41° 38'N Long. 79° 40'W

Elev.(ft.) 1200

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 24/1938	0.46 24/1938	0.55 30/1939	0.87 30/1939	1.11 30/1939	1.33 29-30/1939
Feb.	Amt. Date	0.62p 22/1944	0.91p 22/1944	0.94 22/1944	1.13 22-23/1944	1.32 13-14/1948	1.85 13-14/1950
Mar.	Amt. Date	0.77p 21/1945	0.92p 21/1945	1.06 21/1948	1.25 21/1948	1.84E 21/1945	2.35E 21/1945
Apr.	Amt. Date	0.40 4/1945	0.76 4/1945	0.86 4/1945	0.96 8/1940	1.26a 4/1945	1.49 11/1948
May	Amt. Date	0.82p 22/1944	1.05p 15-16/1942	1.16 27/1946	1.78p 27/1946	2.50 27/1946	3.88 26-27/1946
Jun.	Amt. Date	2.00p 18/1940	2.00p 18/1940	2.00 18/1940	2.02p 18/1940	2.03p 18/1940	2.20p 18-19/1940
Jul.	Amt. Date	1.84p 22/1938	2.53p 22/1938	2.53 22/1938	3.41p 22-23/1938	3.43p 22-23/1938	3.55 22-23/1938
Aug.	Amt. Date	1.32 4/1938	1.70p 11/1941	2.00 11/1941	2.85 17-18/1949	3.11 17-18/1949	3.11 17-18/1949
Sep.	Amt. Date	1.38p 19/1942	1.40p 19/1942	1.40 19/1942	1.46p 19/1942	1.70 17-18/1945	1.99 27-28/1944
Oct.	Amt. Date	0.52 8/1939	0.60 8/1939	0.69 7/1941	0.97p 18/1937	1.27p b 18/1937	1.64p 18-19/1937
Nov.	Amt. Date	0.40 18/1938	0.60 20/1950	0.79 20/1950	1.11 20/1950	1.49 25/1950	2.69 24-25/1950
Dec.	Amt. Date	0.28E 11/1944	0.52E 11/1944	0.75E 11/1944	1.16E 11/1944	1.68E 11-12/1944	1.85 11-12/1944
Annual	Amt. Date	2.00p 6/18/40	2.53p 7/22/38	2.53 7/22/38	3.41p 7/22-23/38	3.43p 7/22-23/38	3.88 5/26-27/46

a Also 11/1948.

b Also 15-16/1943.



Station: TIONESTA DAM, PENNSYLVANIA

Drainage basin: ALLEGHENY

County: FOREST

Lat. 41° 29'N Long. 79° 26'W

Elev.(ft.) 1200

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.26 10/1950	0.40 10/1950	0.48 10/1950	0.84 10/1950	1.17 10/1950	1.26 10/1950
Feb.	Amt. Date	0.25 13/1948	0.37 13/1948	0.53 21-22/1945	0.97 13/1948	1.49 13/1950	2.02 13-14/1950
Mar.	Amt. Date	0.94 16/1942	1.22 16/1942	1.35 16/1942	1.38 16/1942	1.48 26/1950	1.76 21-22/1945
Apr.	Amt. Date	0.76 11/1948	1.01 11/1948	1.14 11/1948	1.51 11/1948	2.11 11/1948	2.26 11/1948
May	Amt. Date	0.95 23/1944	0.99 23/1944	0.99 23/1944	1.19 23/1944	1.98 27/1946	2.72 27/1946
Jun.	Amt. Date	1.28 29/1945	1.29 29/1945	1.29 29/1945	1.30 29/1945	1.39 2/1947	1.70 22-23/1944
Jul.	Amt. Date	0.87 27/1943	0.96 24/1950	1.03 24/1950	1.48 14-15/1945	1.71 14-15/1945	2.07 14-15/1945
Aug.	Amt. Date	1.65 20/1947	1.66 20/1947	1.66 20/1947	2.50 11-12/1941	2.54 11-12/1941	2.56 11-12/1941
Sep.	Amt. Date	0.65a 10/1941	1.23 9/1942	1.25 9/1942	1.33 18/1945	1.68 17-18/1945	2.01 27-28/1944
Oct.	Amt. Date	0.67 15/1943	0.94 15/1943	1.19 15/1943	1.53 15/1943	2.08 15-16/1943	2.35 15-16/1943
Nov.	Amt. Date	0.26 6/1948	0.49 20/1950	0.74 20/1950	1.05 20/1950	1.21 20/1950	1.36 3-4/1950
Dec.	Amt. Date	0.35 12/1940	0.49 12/1940	0.61 12/1940	1.02E 11/1944	1.42E 11-12/1944	2.12 29-30/1942
Annual	Amt. Date	1.65 8/20/47	1.66 8/20/47	1.66 8/20/47	2.50 8/11-12/41	2.54 8/11-12/41	2.72 5/27/46

Also 9/1942.

Station: TOWANDA, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: BRADFORD

Lat. 41° 46' N Long. 76° 26' W

Elev.(ft.) 755

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 30/1939	0.48 30/1939	0.63 30/1939	0.93 30/1939	1.12 30/1939	1.17 29-30/1939
Feb.	Amt. Date	0.48p 15/1939	0.65p 15/1939	0.77 15/1939	1.12p 15/1939	1.50p 15/1939	1.68 6-7/1942
Mar.	Amt. Date	0.33 21/1945	0.44 21/1945	0.53 21/1945	0.95 14/1940	1.66 14-15/1940	1.99 30-31/1940
Apr.	Amt. Date	0.37 5/1947	0.60 5/1947	0.85 5/1947	1.43 5/1947	2.03 5/1947	2.23 4-5/1947
May	Amt. Date	0.68 25/1947	1.28 25/1947	1.81 25/1947	1.83 25/1947	2.70p 27-28/1946	3.84p 27-28/1946
Jun.	Amt. Date	0.86p 29/1939	1.03 27/1948	1.25 27/1948	1.38 27/1948	1.67 27/1948	2.18p 26-27/1938
Jul.	Amt. Date	1.20p 21/1938	1.40p 21/1938	1.42 21/1938	1.57p 21/1938	1.77p 21-22/1938	1.90p 28-29/1945
Aug.	Amt. Date	1.05p 31/1940	1.77p 31/1940	1.87 31/1940	2.08 31-1/1950	2.47 28-29/1949	3.43p 31/1940
Sep.	Amt. Date	1.25p 7/1946	1.55p 7/1946	1.60 7/1946	2.10p 24/1946	2.66p 24/1946	3.21p 26-27/1942
Oct.	Amt. Date	0.84p 16/1943	1.30p 16/1943	1.30 16/1943	2.03p 23/1937	3.00p 22-23/1937	3.14p 22-23/1937
Nov.	Amt. Date	0.43 8/1943	0.61 6/1948	0.75a 8/1943	1.43 25/1950	2.03 25/1950	2.15 25-26/1950
Dec.	Amt. Date	0.42 24/1941	0.65b 10/1938	0.92 10/1938	1.37 10/1938	1.65 9-10/1938	1.84 3-4/1950
Annual	Amt. Date	1.25p 9/7/46	1.77p 8/31/40	1.87 8/31/40	2.10p 9/24/46	3.00p 10/22-23/37	3.84p 5/27-28/46

a Also 6/1948. b Also 24/1941.

Station: TUNKHANNOCK, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: WYOMING

Lat. 41° 32'N Long. 75° 57'W

Elev.(ft.) 639

Period of record: 1941 - FEBRUARY 1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.20 16/1945	0.38 31/1942	0.57 31/1942	0.86 16/1945	1.23 16/1945	1.36 15-16/1945
Feb.	Amt. Date	0.22 27/1946	0.40 27/1946	0.54 27/1946	0.76 7/1942	0.90 19-20/1946	1.19 6-7/1942
Mar.	Amt. Date	0.49 21/1948	0.92 21/1948	0.93 21/1948	0.93 21/1948	1.02 13-14/1947	1.20 13-14/1947
Apr.	Amt. Date	0.85 26/1945	1.17 5/1947	1.47 5/1947	2.27 5/1947	2.77 5/1947	2.87 4-5/1947
May	Amt. Date	1.05 28/1945	1.17 28/1945	1.17 28/1945	1.26 7/1944	2.08 27-28/1946	2.99 27-28/1946
Jun.	Amt. Date	1.20 27/1946	1.30 27/1946	1.36 23/1944	1.39 19/1944	1.46 23/1944	1.68 19/1944
Jul.	Amt. Date	1.44 14/1943	1.44 14/1943	1.44 14/1943	1.65 28/1945	1.87 28/1945	2.20 28-29/1945
Aug.	Amt. Date	1.42 15/1947	1.63 15/1947	1.64 15/1947	1.64 15/1947	1.94 15-16/1947	2.25 15-16/1947
Sep.	Amt. Date	0.44 18/1945	0.82 18/1945	1.10 18/1945	1.45 18/1945	1.75 18/1945	2.40 26-27/1942
Oct.	Amt. Date	0.72 21/1942	0.89 21/1942	0.94 21/1942	1.48 26/1943	1.94 26/1943	2.43 26/1943
Nov.	Amt. Date	0.54a 8/1947	0.90 6/1948	1.25 6/1948	1.62 8/1943	2.18 8/1943	2.77 8/1943
Dec.	Amt. Date	0.33 24/1941	0.43 24/1941	0.57 29-30/1942	1.00 29-30/1942	1.75 29-30/1942	2.56 29-30/1942
Annual	Amt. Date	1.44 7/14/43	1.63 8/15/47	1.64 8/15/47	2.27 4/5/47	2.77 4/5/47	2.99 5/27-28/46

a. Also 6/1948.

Station: TUNNELTON, PENNSYLVANIA

Drainage basin: CONEMAUGH

County: INDIANA

Lat. 40° 27'N Long. 79° 23'W

Elev.(ft.) 990

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 29/1950	0.40a 15/1947	0.55 15/1947	0.71 2-3/1950	0.98 3/1944	1.32 3-4/1944
Feb.	Amt. Date	0.36 13/1948	0.43 13/1948	0.45 13/1948	0.57 4-5/1942	0.84 4-5/1942	1.02 4-5/1942
Mar.	Amt. Date	0.47 16/1942	0.65 6/1945	0.88 14-15/1946	1.26 5-6/1945	1.75 5-6/1945	2.21 5-6/1945
Apr.	Amt. Date	0.48 17/1945	0.73 11-12/1948	1.00 11-12/1948	1.29 11-12/1948	2.15 11-12/1948	2.40 11-12/1948
May	Amt. Date	0.72 19/1942	0.85 31/1942	1.12 31/1942	1.38 31/1942	1.45 27-28/1950	1.96 31-1/1941
Jun.	Amt. Date	1.21 13/1946	1.73 7/1947	1.83 7/1947	1.92 7/1947	2.76 6-7/1947	3.09 6-7/1947
Jul.	Amt. Date	1.36 1/1947	1.39 1/1947	1.39 1/1947	1.63 30/1941	1.63 30/1941	1.92 30/1941
Aug.	Amt. Date	1.33 17/1946	1.70 15/1941	1.93 15/1941	2.19 15/1941	2.27 15/1941	2.27 15/1941
Sep.	Amt. Date	1.20 12/1950	1.46 12/1950	1.46 12/1950	1.48 12/1950	1.58 12/1950	2.07 12-13/1950
Oct.	Amt. Date	0.54 31/1942	0.69 31/1942	0.79 31/1942	0.97 31/1942	1.61 13-14/1942	2.44 14/1942
Nov.	Amt. Date	0.30 20/1950	0.50 25/1940	0.68 25/1950	0.94E 25/1950	1.37 25/1950	2.43E 24-25/1950
Dec.	Amt. Date	0.39 29/1942	0.58 29/1942	0.74 29/1942	1.06 29/1942	1.67 29-30/1942	2.04 29-30/1942
Annual	Amt. Date	1.36 7/1/47	1.73 6/7/47	1.93 8/15/41	2.19 8/15/41	2.76 6/6-7/47	3.09 6/6-7/47

a Also 29/1950.

Station: TYRONE, PENNSYLVANIA\*

Drainage basin: JUNIATA

County: BLAIR

Lat. 40° 43'N Long. 78° 12'W

Elev.(ft.) 1020

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 30/1939	0.50 30/1939	0.70 30/1939	1.00 30/1939	1.22 10/1950	1.50 3/1944
Feb.	Amt. Date	0.29 15/1939	0.41a 15/1939	0.56 6/1938	0.88 28/1939	1.17 13/1950	1.54 12-13/1950
Mar.	Amt. Date	0.40 21/1945	0.74 21/1945	1.00 21/1945	1.66 21/1945	1.74 21/1945	1.81 21/1945
Apr.	Amt. Date	0.41 2/1945	0.57 11/1948	0.75 11-12/1948	1.04 11-12/1948	1.56 11-12/1948	2.41 11-12/1948
May	Amt. Date	1.00p b 21/1939	1.26 17/1945	1.36 17/1945	1.74 17/1945	1.91 17/1945	2.52 26-27/1946
Jun.	Amt. Date	0.98p 11/1946	1.20p 11/1946	1.78 11/1946	2.48p 11-12/1946	2.64p 11-12/1946	2.71 11-12/1946
Jul.	Amt. Date	1.21 22/1948	1.46 22/1948	1.48 3/1941	1.83 31/1945	1.95p 3/1941	2.48p 3-4/1941
Aug.	Amt. Date	1.94 26/1947	2.47 26/1947	2.57 26/1947	2.63 26/1947	2.63 26/1947	3.22p 26/1937
Sep.	Amt. Date	1.97p 8/1945	2.07p 8/1945	2.11 8/1945	2.13p 8/1945	2.13p 8/1945	3.13 17-18/1945
Oct.	Amt. Date	0.52 22/1937	0.92 22/1937	1.07 9/1950	1.31 9/1950	1.71 8-9/1950	2.56 8-9/1950
Nov.	Amt. Date	0.52 25/1950	0.90 25/1950	1.25 25/1950	2.40 25/1950	3.85 25/1950	4.35 24-25/1950
Dec.	Amt. Date	0.40 24/1941	0.64 24/1941	0.97 24/1941	1.47 24/1941	1.82p 29-30/1942	2.25p 29-30/1942
Annual	Amt. Date	1.97p 9/8/45	2.47 8/26/47	2.57 8/26/47	2.63 8/26/47	3.85 11/25/50	4.35 11/24-25/50

\*Formerly Bald Eagle, Pennsylvania.

a Also 22/1945 and 13/1948. b Also 17/1945.

Station: UNION CITY, PENNSYLVANIA

Drainage basin: ALLEGHENY

County: ERIE

Lat. 41° 52'N Long. 79° 49'W

Elev.(ft.) 1460

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 15/1950	0.52 15/1950	0.80 15/1950	1.24 15/1950	1.87 15/1950	1.93 15-16/1950
Feb.	Amt. Date	0.31 13/1938	0.53 13/1938	0.62 12-13/1938	0.80 13/1938	1.24 12-13/1938	1.62 13-14/1950
Mar.	Amt. Date	0.70 21/1948	1.05 21/1948	1.20 21/1948	1.92 21/1948	2.85 21/1948	3.06 21-22/1948
Apr.	Amt. Date	0.95p 18/1941	1.31p 18/1941	1.31 18/1941	1.47 5/1947	1.64 5/1947	1.85 4-5/1947
May	Amt. Date	0.72 19/1943	0.90a 21/1943	0.96 21/1943	1.07p 15-16/1942	1.49 22/1949	1.73 22-23/1949
Jun.	Amt. Date	1.10p 22/1942	1.11p 22/1942	1.43 2/1947	1.73p 11-12/1946	1.97 2/1947	2.60p 11-12/1946
Jul.	Amt. Date	1.13p 27/1938	1.50p 4/1943	1.63 4/1943	1.69p 4/1943	2.41 4/1943	2.79p 4/1943
Aug.	Amt. Date	1.60 14/1947	2.20 14/1945	2.24 14/1945	2.25p 14/1945	2.51 31-1/1950	2.64 31-1/1950
Sep.	Amt. Date	1.44p 4/1939	1.87p 4/1939	1.87 4/1939	2.21 1/1950	2.51 31-1/1950	2.64 31-1/1950
Oct.	Amt. Date	0.78 8/1939	0.79 8/1939	0.89 15/1943	1.22 15-16/1943	1.59 15-16/1943	1.96 11-12/1946
Nov.	Amt. Date	0.47 6/1941	0.58 20/1950	0.79 20/1950	1.16 20/1950	1.32 20/1950	1.37 19-20/1950
Dec.	Amt. Date	0.30p 11/1944	0.52p 11/1944	0.65 11/1944	1.01p 11/1944	1.54p 11-12/1944	1.66p 11-12/1944
Annual	Amt. Date	1.60 8/14/47	2.20 8/14/45	2.24 8/14/45	2.25p 8/14/45	2.85 3/21/48	3.06 3/21-22/48

a. Also 22/1949.



Station: VANDERGRIFT, PENNSYLVANIA

Drainage basin: CONEMAUGH

County: WESTMORELAND

Lat. 40° 36'N Long. 79° 36'W

Elev.(ft.) 995

Period of record: 1937-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.26a 30/1939	0.47 30/1939	0.67 30/1939	0.95 30/1939	1.09 10/1950	1.27 30-31/1939	
Feb.	0.39 19/1938	0.60 19/1938	0.69 19/1938	0.81 19-20/1938	1.03b 19-20/1938	1.21 13-14/1948	
Mar.	0.70p 21/1945	0.90p 21/1945	0.93 21/1945	1.21 21/1945	1.49p 21/1945	2.04p 5-6/1945	
Apr.	0.70 11/1948	1.00 11/1948	1.27 11/1948	1.58 11-12/1948	2.07 11-12/1948	2.56 11-12/1948	
May	0.98 31/1950	0.98 31/1950	1.08 19/1938	1.37 30-31/1940	1.79 30-31/1940	1.84c 30-31/1940	
Jun.	1.10p 16/1943	1.29 28/1940	1.30 28/1940	1.35p 22/1938	1.65 6-7/1947	2.84 6-7/1947	
Jul.	1.89p 11/1940	1.89p 11/1940	1.89 11/1940	1.92 5/1950	1.94 5/1950	1.95 4-5/1950	
Aug.	1.15p 17/1946	1.60p 17/1946	1.60 17/1946	1.70p 17/1946	1.70p 17/1946	1.81 4-5/1948	
Sep.	0.98p 12/1938	1.23p 10/1941	1.26 10/1941	1.28p 10/1941	1.52p 12/1938	1.68 13-14/1945	
Oct.	0.58 15/1943	0.62p 14/1942	0.90 2/1945	1.14p 14/1942	1.86p 14/1942	2.90p 14-15/1942	
Nov.	0.48 15/1944	0.73 15/1944	0.78 20/1950	1.02 20/1950	1.25 3-4/1950	2.01 3-4/1950	
Dec.	0.30 7/1950	0.42 7/1950	0.50d 29/1948	0.78E 29-30/1942	1.29E 29-30/1942	1.76E 29-30/1942	
Annual	1.89p 7/11/40	1.89p 7/11/40	1.89 7/11/40	1.92 7/5/50	2.07 4/11-12/48	2.90p 10/14-15/42	

a Also 18/1943. b Also 13/1948. c Also 25/1943. d Also 7/1950.



Station: WASHINGTON, PENNSYLVANIA

Drainage basin: OHIO

County: WASHINGTON

Lat. 40° 11' N Long. 80° 14' W

Elev.(ft.) 1200

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 26/1947	0.40a 30/1939	0.52 15/1947	0.90 24/1941	1.23 24/1941	1.24 24/1941
Feb.	Amt. Date	0.32 15/1939	0.50 19/1938	0.63 19/1938	1.04 19/1938	1.16 13-14/1940	1.60 13-14/1940
Mar.	Amt. Date	0.66p 19/1945	0.78p 6/1945	0.99 6/1945	1.47p 5-6/1945	1.99p 5-6/1945	2.67p 5-6/1945
Apr.	Amt. Date	0.57 3/1940	0.70p 9/1942	1.03 9/1942	1.55p 9/1942	2.14p 8-9/1942	2.57p 8-9/1942
May	Amt. Date	0.72 21/1938	1.42 21/1938	1.55 21/1938	1.57 21/1938	1.91 16-17/1945	2.40 16-17/1945
Jun.	Amt. Date	1.40 24/1950	2.45 24/1950	3.12 24/1950	3.48 24/1950	3.55 24-25/1950	4.16 24-25/1950
Jul.	Amt. Date	1.80p 27/1943	1.85p 27/1943	1.85 27/1943	2.65p 27-28/1943	2.66p 27-28/1943	2.82p 27-28/1943
Aug.	Amt. Date	1.40p 7/1939	1.60p 7/1939	1.65 7/1939	2.08 4-5/1948	2.35 4-5/1948	2.55 4-5/1948
Sep.	Amt. Date	1.29p 12/1938	1.65p 8/1942	1.77 12/1938	1.80p 12/1938	2.02p 12/1938	2.17p 12-13/1938
Oct.	Amt. Date	0.57 7/1944	0.72 14/1942	0.85 14/1942	0.97 15/1943	1.37 15/1943	1.99 13-14/1942
Nov.	Amt. Date	0.30 26/1940	0.60 26/1940	0.80 26/1940	1.10 26/1940	1.23 26/1940	1.76 24-25/1950
Dec.	Amt. Date	0.42 15/1948	0.51b 29/1942	0.79 29/1942	1.19 29/1942	1.87E 29-30/1942	2.35E 29-30/1942
Annual	Amt. Date	1.80p 7/27/43	2.45 6/24/50	3.12 6/24/50	3.48 6/24/50	3.55 6/24-25/50	4.16 6/24-25/50

a Also 15/1947.

b Also 15/1948.

Station: WAYNESBURG, PENNSYLVANIA

Drainage basin: MONONGAHELA

County: GREENE

Lat. 39° 54'N Long. 80° 10'W

Elev.(ft.) 940

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 24/1938	0.45 24/1938	0.60 15/1947	0.99 15/1947	1.06 15/1947	1.30 30/1939
Feb.	Amt. Date	0.65 6/1938	0.75 6/1938	0.80 19/1938	1.12 6/1938	1.13 19-20/1938	1.37 26-27/1945
Mar.	Amt. Date	0.50 4/1944	0.72 14/1946	0.94 14/1946	1.22 14/1946	1.57p 5-6/1945	2.27p 5-6/1945
Apr.	Amt. Date	0.70 3/1940	0.72 3/1940	0.79a 14/1948	1.06 12/1948	1.59 11-12/1948	1.86 11-12/1948
May	Amt. Date	1.30 12/1948	1.39 12/1948	1.71 12/1948	1.89 12/1948	1.90 12/1948	1.95 12-13/1948
Jun.	Amt. Date	1.54 24/1950	1.61 27/1946	1.80 27/1949	1.83 27/1949	2.05 4/1941	3.21 3-4/1941
Jul.	Amt. Date	1.68p 24/1942	1.96p 27/1943	2.10 26/1943	2.71p 25-26/1943	2.77p 25-26/1943	2.77p 25-26/1943
Aug.	Amt. Date	1.64p 27/1940	1.74p 27/1940	1.74 27/1940	2.34 4-5/1948	2.53 4-5/1948	2.71p 27/1940
Sep.	Amt. Date	1.10p b 11/1938	1.22 19/1948	1.37 19/1948	1.66 19/1948	1.75 19/1948	2.10p 11-12/1938
Oct.	Amt. Date	0.63p 27/1939	0.69p 27/1939	1.02 27/1939	1.21p 27/1939	1.68p 27-28/1939	2.08p 27-28/1939
Nov.	Amt. Date	0.35 24/1947	0.62 24/1947	0.86 24/1947	1.17 26/1940	1.68E 3-4/1950	2.35 3-4/1950
Dec.	Amt. Date	0.45p 29/1942	0.75p 29/1942	1.00 29-30/1942	1.36p 29/1942	1.86p 29-30/1942	2.21E 29-30/1942
Annual	Amt. Date	1.68p 7/24/42	1.96p 7/27/43	2.10 7/26/43	2.71p 7/25-26/43	2.77p 7/25-26/43	3.21 6/3-4/41

A also 24/1950. b Also 4/1944.

Station: WEBSTER MILLIS, PENNSYLVANIA

Drainage basin: POTOMAC County: FULTON

Lat. 39° 49' N Long. 78° 05' W Elev.(ft) 920

Period of record: 1940-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.37 30/1947	0.58 30/1947	0.75 30/1947	1.32 1/1948	1.80 1/1948	2.35 3-4/1944	
Feb.	0.21 26/1944	0.32 9/1950	0.42 9/1950	0.56 9/1950	0.60 9/1950	0.82 13-14/1940	
Mar.	0.55 15/1946	0.80 14-15/1946	1.08 14-15/1946	1.30 14-15/1946	1.30 14-15/1946	1.53 28-29/1942	
Apr.	0.28a 25/1945	0.44 25/1945	0.63 25/1945	0.89 5/1941	1.22 4-5/1941	1.39 4-5/1941	
May	1.38 16/1945	1.86 16/1945	1.86 16/1945	1.86 16/1945	1.86 16/1945	3.03 16-17/1945	
Jun.	1.12 26/1948	1.30 28/1947	1.40 28/1947	1.53 23/1941	1.83 1-2/1946	1.95 1-2/1946	
Jul.	1.36 26/1943	1.65 18/1945	1.70 18/1945	1.78 18/1945	1.78 18/1945	2.05 17-18/1945	
Aug.	2.13 13/1942	2.18 13/1942	2.20 13/1942	2.29 13/1942	2.29 13/1942	2.32 12-13/1942	
Sep.	1.98 8/1945	2.15 8/1945	2.20 8/1945	2.20 8/1945	2.20 8/1945	2.23 17-18/1945	
Oct.	0.78 15/1943	1.05 15/1943	1.35 15/1943	1.64 15/1943	1.80 20/1944	3.05 14-15/1942	
Nov.	1.15 25/1950	1.90 25/1950	2.41 25/1950	3.48 24-25/1950	3.88 24-25/1950	3.88 24-25/1950	
Dec.	0.38 24/1941	0.64 24/1941	0.82 26/1940	1.05 11/1944	1.53 11-12/1944	1.63 11-12/1944	
Annual	2.13 8/13/42	2.18 8/13/42	2.41 11/25/50	3.48 11/24-25/50	3.88 11/24-25/50	3.88 11/24-25/50	

a Also 30/1947.

Station: WELLISBORO, PENNSYLVANIA

Drainage basin: WEST BRANCH SUSQUEHANNA

County: TIOGA

Lat. 41° 45'N Long. 77° 15'W

Elev.(ft.) 1610

Period of record: 1939-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.20 2/1941	0.32 24/1941	0.40 24/1941	0.57 24/1941	0.70 24/1941	0.99 6/1950
Feb.	Amt. Date	0.41 7/1942	0.63 7/1942	0.81 7/1942	1.11 7/1942	1.66 7/1942	2.41 6-7/1942
Mar.	Amt. Date	0.25 9/1942	0.40 8/1950	0.55 8/1950	0.87 2-3/1942	1.41 3/1942	1.90 2-3/1942
Apr.	Amt. Date	0.50 5/1947	1.00 5/1947	1.21 5/1947	1.81 5/1947	2.06 5/1947	2.08 4-5/1947
May	Amt. Date	0.53 22/1941	0.75 27/1946	1.08 17/1945	1.82 27/1946	3.04 27/1946	4.32 27-28/1946
Jun.	Amt. Date	0.76 23/1944	1.08 23/1944	1.08 23/1944	1.08 23/1944	1.08 23/1944	1.44 18-19/1944
Jul.	Amt. Date	2.04 29/1940	2.05 29/1940	2.05 29/1940	2.16 17-18/1942	3.03 17-18/1942	3.22 17-18/1942
Aug.	Amt. Date	0.67 16/1941	0.99 21/1947	1.00 21/1947	1.41 21/1947	1.76 6-7/1946	2.92 31-1/1946
Sep.	Amt. Date	0.80 30/1939	1.35 15/1942	1.35 15/1942	1.35 15/1942	1.54 18/1945	2.29 17-18/1945
Oct.	Amt. Date	0.50 7/1944	0.50 7/1944	0.57 16/1943	1.01 26/1943	1.36 26/1943	1.68 15-16/1943
Nov.	Amt. Date	0.80 25/1950	1.10 25/1950	1.39 25/1950	1.96 25/1950	2.29 25/1950	2.41 25/1950
Dec.	Amt. Date	0.66 8/1944	1.24 8/1944	1.40 8/1944	1.41 8/1944	2.05E 8/1944	2.24E 8/1944
Annual	Amt. Date	2.04 7/29/40	2.05 7/29/40	2.05 7/29/40	2.16 7/17-18/42	3.04 5/27/46	4.32 5/27-28/46

Station: WILLIAMSPORT WB APT, PENNSYLVANIA

Drainage basin: WEST BRANCH SUSQUEHANNA County: LYCOMING

Lat. 41° 15' N Long. 76° 55' W Elev.(ft.) 527

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.45p 14/1940	0.60p 14/1940	0.74 14/1940	1.34p 14/1940	1.65p 14/1940	1.66p 14/1940
Feb.	Amt. Date	0.33 15/1939	0.41 26/1939	0.55 22/1945	0.84 22/1945	1.22 13-14/1940	1.79 13-14/1940
Mar.	Amt. Date	1.03 23/1950	1.14 23/1950	1.29E 23/1950	1.73 23/1950	2.22 23/1950	2.26 23/1950
Apr.	Amt. Date	0.70 2/1948	0.90 2/1948	0.98 1-2/1948	1.07 1-2/1948	1.30 5/1941	1.75 4-5/1941
May	Amt. Date	1.06p 22/1939	1.06p 22/1939	1.12 27/1946	1.90p 27/1946	3.07 27/1946	3.89 27/1946
Jun.	Amt. Date	1.18 19/1948	1.22 19/1948	1.41 19/1944	1.77p 19/1944	1.97 19/1944	2.40p 19/1944
Jul.	Amt. Date	1.04p 23/1940	1.35p 6/1942	1.35E 6/1942	2.16p 28/1945	2.24p 28/1945	2.52 30-31/1946
Aug.	Amt. Date	2.45p 17/1938	3.31p 17/1938	3.35 17/1938	4.01p 17/1938	4.01p 17/1938	4.01p 17/1938
Sep.	Amt. Date	1.32p 24/1946	1.56p 24/1946	1.90 24/1946	2.32p 24/1946	2.73 23-24/1946	3.06p 23-24/1946
Oct.	Amt. Date	0.53a 26/1946	0.73 24/1946	0.98 12/1946	1.60 12/1946	1.88p 26-27/1943	2.14p 26-27/1943
Nov.	Amt. Date	0.60 6/1941	1.10 6/1941	1.40 6/1948	2.09 6/1948	3.13p 12-13/1937	3.84p 12-13/1937
Dec.	Amt. Date	0.81p 24/1941	1.16p 24/1941	1.38 24/1941	2.07p 24/1941	2.27p 23-24/1941	2.52p 23-24/1941
Annual	Amt. Date	2.45p 8/17/38	3.31p 8/17/38	3.35 8/17/38	4.01p 8/17/38	4.01p 8/17/38	4.01p 8/17/38

a Also 28/1947.

Station: WINDGAP, PENNSYLVANIA

Drainage basin: DELAWARE County: NORTHAMPTON

Lat. 40° 51' N Long. 75° 18' W Elev.(ft.) 720

Period of record: 1946-1950 BREAKS

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.25 5/1949	0.47 5/1949	0.57 5/1949	1.09 5/1949	1.90 5/1949	2.29 5-6/1949
Feb.	Amt. Date	0.22 27/1946	0.32 19/1946	0.44 19/1946	0.70 19-20/1946	1.05 19-20/1946	1.05 19-20/1946
Mar.	Amt. Date	0.30 23/1950	0.58 23/1950	0.72 23/1950	0.99 22-23/1950	1.18 22-23/1950	1.37 8/1950
Apr.	Amt. Date	0.50 30/1947	0.78 30/1947	1.00 30/1947	1.40 30/1947	1.72 30-1/1947	1.76 30-1/1947
May	Amt. Date	1.12 25/1947	1.25 25/1947	1.25 25/1947	2.00 25/1947	2.53 25/1947	2.58 25-26/1947
Jun.	Amt. Date	1.20 25/1949	1.73 25/1949	1.74 25/1949	1.74 25/1949	1.74 25/1949	1.95 14-15/1947
Jul.	Amt. Date	1.51 20/1946	2.54 20/1946	2.63 20/1946	2.66 20/1946	2.88 20/1946	2.98 20-21/1946
Aug.	Amt. Date	0.82 12/1948	0.95 12/1948	1.07 12/1948	1.47 5/1948	1.86 5/1948	2.12 11-12/1948
Sep.	Amt. Date	0.63 2/1947	0.82 21/1946	1.28 21/1946	2.22 21/1946	2.92 21/1946	2.94 21/1946
Oct.	Amt. Date	0.55 29/1947	0.55 29/1947	0.67 28/1947	1.03 28/1947	1.05 28/1947	1.53 28-29/1947
Nov.	Amt. Date	0.54 8/1947	0.79 8/1947	1.05 8/1947	1.73 8/1947	2.60 25/1950	2.74 25/1950
Dec.	Amt. Date	0.43 4/1950	0.73 4/1950	0.76 4/1950	0.96E 4/1950	1.31E 4/1950	1.99E 3-4/1950
Annual	Amt. Date	1.51 7/20/46	2.54 7/20/46	2.63 7/20/46	2.66 7/20/46	2.92 9/21/46	2.98 7/20-21/46



Station: YORK, PENNSYLVANIA

Drainage basin: SUSQUEHANNA

County: YORK

Lat. 39° 56'N Long. 76° 44'W

Elev.(ft.) 640

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.92 30/1947	1.14 30-31/1947	1.48 30/1947	1.70 30-31/1947	1.75a 1/1948	2.08 5-6/1949
Feb.	Amt. Date	0.40 15/1939	0.58 28/1939	0.73 28/1939	0.99 28/1939	1.20 6-7/1942	1.35 6-7/1942
Mar.	Amt. Date	0.48 3/1942	0.76 3/1942	0.92 22/1950	1.37 22/1950	1.60 22-23/1950	1.79 22-23/1950
Apr.	Amt. Date	0.45 13/1949	0.68 13/1949	0.84 13/1949	1.28 13/1949	1.84 20/1940	2.38 19-20/1940
May	Amt. Date	1.50p 28/1945	1.50p 28/1945	1.50 28/1945	1.86p 19/1943	2.54p 21/1942	3.02p 21/1942
Jun.	Amt. Date	1.39p 1/1940	1.44p 1/1940	1.80 19/1948	2.12p 2/1946	3.12p 2/1946	3.33p 1-2/1946
Jul.	Amt. Date	1.40p 4/1942	1.51p 19/1945	1.53 19/1945	1.99 15/1945	2.34p 14-15/1945	2.51p 14-15/1945
Aug.	Amt. Date	3.40p 21/1937	3.65p 21/1937	3.75 21/1937	3.82p 21/1937	3.82p 21/1937	3.82p 21/1937
Sep.	Amt. Date	1.30p 27/1942	1.40p 27/1942	1.80 27/1942	2.06p 27/1942	3.07p 24-25/1940	3.69p 24-25/1940
Oct.	Amt. Date	0.68 26/1946	0.96 23/1937	1.20 26/1946	2.00 22-23/1937	2.30 22-23/1937	3.09p 25-26/1943
Nov.	Amt. Date	0.80 4/1950	1.05 25/1950	1.45 25/1950	2.25 25/1950	3.49 25/1950	3.85 25/1950
Dec.	Amt. Date	0.80 4/1950	1.40 4/1950	1.80 4/1950	2.21 4/1950	2.56 3-4/1950	2.63 3-4/1950
Annual	Amt. Date	3.40p 8/21/37	3.65p 8/21/37	3.75 8/21/37	3.82p 8/21/37	3.82p 8/21/37	3.85 11/25/50

a Also 5/1949.



Station: YOUNGSRVILLE, PENNSYLVANIA

Drainage basin: ALLEGHENY

County: WARREN

Lat. 41° 51'W Long. 79° 19'W

Elev.(ft.) 1205

Period of record: 1937-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 24/1938	0.39a 24/1938	0.54 30/1939	0.80 30/1939	1.00 30/1947	1.07 29-30/1939
Feb.	Amt. Date	0.62p 13/1938	0.82p 13/1938	0.84 13/1938	1.14p 13/1938	1.51 12-13/1938	1.85 13-14/1950
Mar.	Amt. Date	0.69 19/1948	1.03 21/1948	1.16 21/1948	1.81 21/1948	2.42 21/1948	2.88 21-22/1948
Apr.	Amt. Date	0.61 5/1947	1.08 5/1947	1.66 5/1947	2.04 5/1947	2.25 5/1947	2.46 4-5/1947
May	Amt. Date	0.63 31/1950	1.12 31/1950	1.16 31/1950	1.32p 26-27/1946	1.75p 26-27/1946	3.07p 26-27/1946
Jun.	Amt. Date	1.75p 1/1942	1.77p 1/1942	1.77 1/1942	2.23p 10-11/1940	2.23p 10-11/1940	3.13p 10-11/1940
Jul.	Amt. Date	1.45p 29/1939	1.87p 29/1939	1.93 29/1939	1.93p 29/1939	1.95p 29/1939	2.05p 29-30/1939
Aug.	Amt. Date	1.68p 13/1943	1.79p 13/1943	1.79 13/1943	2.35p 13/1943	2.55p 13/1943	2.55p 13/1943
Sep.	Amt. Date	1.24p 4/1944	1.34p 4/1944	1.34 4/1944	1.48p 8-9/1942	2.26p 4/1944	2.89p 8-9/1942
Oct.	Amt. Date	0.40b 14/1942	0.68 14/1942	0.93 14/1942	1.46 14/1942	1.82 14-15/1942	2.13 14-15/1942
Nov.	Amt. Date	0.37 20/1950	0.67 20/1950	0.90 20/1950	1.32 20/1950	1.96 25/1950	3.00 24-25/1950
Dec.	Amt. Date	0.28 2/1950	0.41 12/1940	0.54c 12/1940	0.74 15/1947	0.92 28-29/1942	1.39 29-30/1942
Annual	Amt. Date	1.75p 6/1/42	1.87p 7/29/39	1.93 7/29/39	2.35p 8/13/43	2.55p 8/13/43	3.13p 6/10-11/40

a Also 30/1947.      b Also 15/1943.      c Also 15/1947.